

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070963.D
 Acq On : 10 Nov 2021 10:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 06:26:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	351453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	601879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	183686	49.088	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.180%		
35) Dibromofluoromethane	7.908	113	172526	50.798	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.600%		
50) Toluene-d8	10.332	98	670814	50.435	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.860%		
62) 4-Bromofluorobenzene	12.620	95	234492	48.964	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	151580	50.481	ug/l	96
3) Chloromethane	2.209	50	186545	52.209	ug/l	99
4) Vinyl Chloride	2.344	62	201071	58.513	ug/l	100
5) Bromomethane	2.762	94	123668	52.800	ug/l	99
6) Chloroethane	2.920	64	131676	59.662	ug/l	97
7) Trichlorofluoromethane	3.267	101	303492	54.878	ug/l	100
8) Diethyl Ether	3.709	74	89710	49.014	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	181658	53.288	ug/l	97
10) Methyl Iodide	4.297	142	188394	46.673	ug/l	99
11) Tert butyl alcohol	5.214	59	63119	230.806	ug/l #	86
12) 1,1-Dichloroethene	4.061	96	174993	52.435	ug/l	88
13) Acrolein	3.914	56	19729	235.735	ug/l	90
14) Allyl chloride	4.708	41	356996	51.356	ug/l #	83
15) Acrylonitrile	5.408	53	226706	258.855	ug/l	99
16) Acetone	4.150	43	279966	274.908	ug/l	93
17) Carbon Disulfide	4.403	76	548887	50.936	ug/l	98
18) Methyl Acetate	4.714	43	165638	51.596	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	445554	51.716	ug/l	98
20) Methylene Chloride	4.961	84	209456	49.225	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	201268	52.616	ug/l	92
22) Diisopropyl ether	6.355	45	709107	51.312	ug/l	93
23) Vinyl Acetate	6.297	43	1765704	240.269	ug/l	96
24) 1,1-Dichloroethane	6.255	63	382337	51.798	ug/l	98
25) 2-Butanone	7.208	43	330019	252.491	ug/l #	88
26) 2,2-Dichloropropane	7.202	77	336445	54.008	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	225155	51.492	ug/l	92
28) Bromochloromethane	7.544	49	161146	51.472	ug/l	87
29) Tetrahydrofuran	7.555	42	195849	257.595	ug/l	93
30) Chloroform	7.702	83	366008	52.154	ug/l	98
31) Cyclohexane	7.979	56	380113	49.396	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	329021	54.589	ug/l	97
36) 1,1-Dichloropropene	8.108	75	297362	55.335	ug/l	98
37) Ethyl Acetate	7.285	43	132428	54.014	ug/l #	94
38) Carbon Tetrachloride	8.091	117	277024	55.978	ug/l	98
39) Methylcyclohexane	9.349	83	379276	54.648	ug/l	98
40) Benzene	8.344	78	804759	53.176	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	72330	41.559	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	232751	54.298	ug/l	96
43) Isopropyl Acetate	8.444	43	275723	53.139	ug/l #	90
44) Trichloroethene	9.108	130	210586	53.985	ug/l	94
45) 1,2-Dichloropropane	9.379	63	214398	52.384	ug/l	96
46) Dibromomethane	9.467	93	104910	53.852	ug/l	96
47) Bromodichloromethane	9.655	83	277943	53.940	ug/l	98
48) Methyl methacrylate	9.449	41	136542	53.642	ug/l #	84
49) 1,4-Dioxane	9.455	88	24806	1098.989	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	693256	275.584	ug/l	91
52) Toluene	10.396	92	506993	53.145	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	281852	54.242	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	317255	51.776	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	142070	53.061	ug/l	94
56) Ethyl methacrylate	10.649	69	206154	54.418	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	260459	53.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	535050	271.673	ug/l	100
59) 2-Hexanone	10.973	43	522341	264.541	ug/l	91
60) Dibromochloromethane	11.132	129	174871	54.442	ug/l	100
61) 1,2-Dibromoethane	11.238	107	138165	53.049	ug/l	97
64) Tetrachloroethene	10.867	164	170310	54.252	ug/l	97
65) Chlorobenzene	11.661	112	519583	54.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	187346	54.952	ug/l	98
67) Ethyl Benzene	11.738	91	999643	54.954	ug/l	100
68) m/p-Xylenes	11.843	106	754315	110.951	ug/l	97
69) o-Xylene	12.173	106	350981	54.275	ug/l	96
70) Styrene	12.185	104	604631	55.220	ug/l	97
71) Bromoform	12.349	173	97508	54.845	ug/l #	99
73) Isopropylbenzene	12.467	105	959922	54.588	ug/l	99
74) N-amyl acetate	12.279	43	272246	54.191	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	160055	52.880	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	98789m	47.380	ug/l	
77) Bromobenzene	12.749	156	201626	53.663	ug/l	95
78) n-propylbenzene	12.808	91	1193103	54.757	ug/l	100
79) 2-Chlorotoluene	12.896	91	651618	52.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	789331	54.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	52184	48.331	ug/l #	87
82) 4-Chlorotoluene	12.990	91	688717	53.713	ug/l	99
83) tert-Butylbenzene	13.208	119	688552	55.207	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	764277	53.900	ug/l	99
85) sec-Butylbenzene	13.390	105	1044528	55.706	ug/l	100
86) p-Isopropyltoluene	13.502	119	837534	55.626	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	396701	54.000	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	396709	53.935	ug/l	98
89) n-Butylbenzene	13.826	91	856546	56.607	ug/l	99
90) Hexachloroethane	14.096	117	164002	55.044	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	345502	54.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25310	50.986	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	222108	54.536	ug/l	98
94) Hexachlorobutadiene	15.249	225	121453	59.130	ug/l	99
95) Naphthalene	15.379	128	422141	54.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	191722	55.988	ug/l	99

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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/16/2021

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Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

Abundance

TIC: VD070963.D\data.ms

Time-->

3000000

2800000

2600000

2400000

2200000

2000000

1800000

1600000

1400000

1200000

1000000

800000

600000

400000

200000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Acetone, T

1,1,2-Trichloroethane, T

Methyl iodide, T

Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Methylcyclopentane, T

1,1-Dichloroethane, P

Isopropyl acetate, T

1,4-Dichlorobenzene, T

Ethyl acetate, T

Methacrylonitrile, T

Chloroform, C

1,2-Dichlorobenzene, T

1,3-Dichlorobenzene, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichloropropane, T

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Toluene, CM

Ethyl methylcarbamate, T

1,1,2-Trichloroethane, T

1,2-Trichloroethane, T

1,3-Dichloropropane, T

Hexanone, T

Dibromodichloromethane, T

1,2-Dibromochloroethane, T

CS2, T

Chlorobenzene, T

m/p-Xylenes, T

Ethylbenzene, T

Styrene, T

o-Xylene, T

Isopropylbenzene, T

n-propylbenzene, T

1,3,5-Trimethylbenzene, T

2-Chlorobutanol, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,2,4-Trimethylbenzene, T

n-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

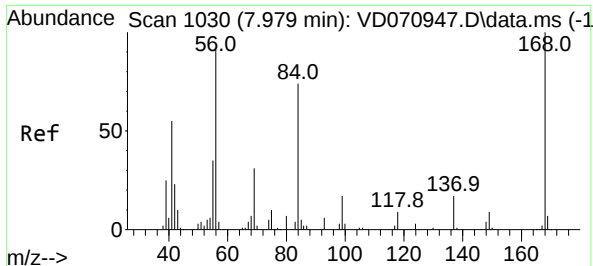
1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

1,3,5-Trichlorobenzene, T

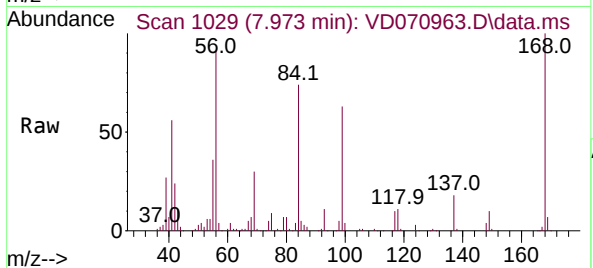
Naphthalene, T

1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

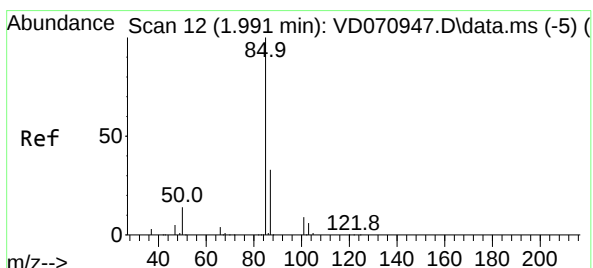
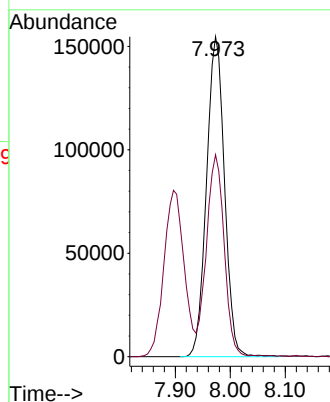
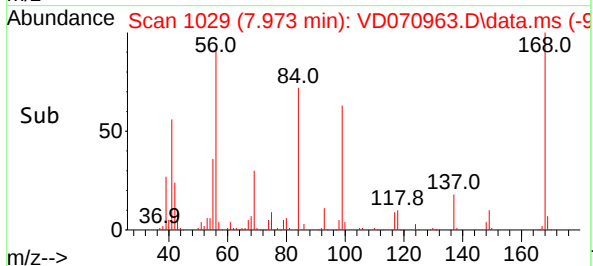
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 35145
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8

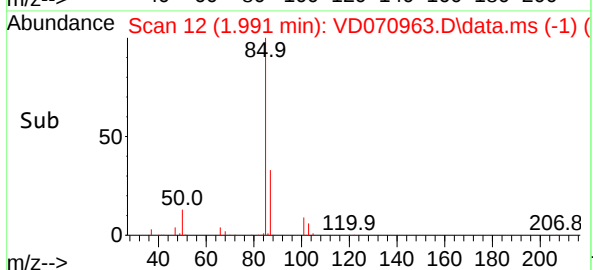
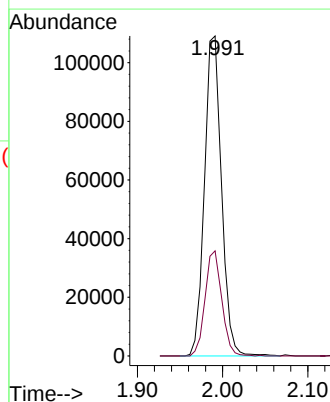
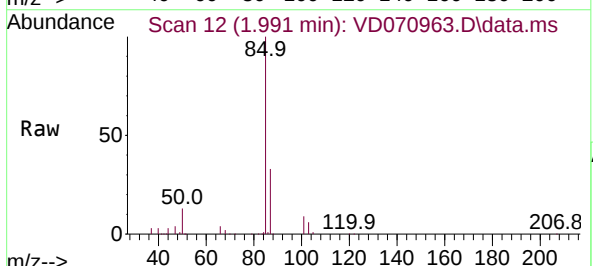
Manual Integrations
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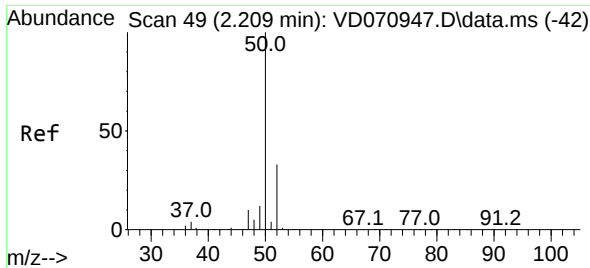
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 50.481 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

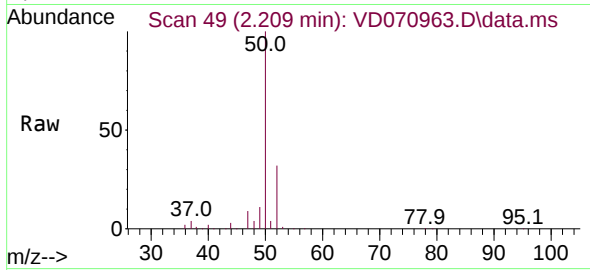
Tgt Ion: 85 Resp: 151580
Ion Ratio Lower Upper
85 100
87 32.8 15.2 45.6





#3
Chloromethane
Concen: 52.209 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

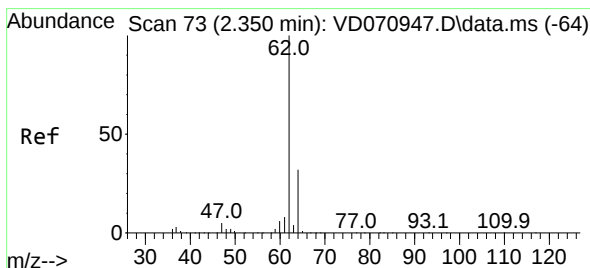
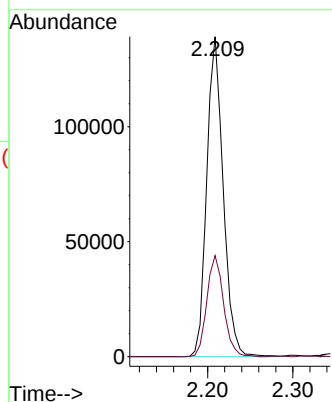
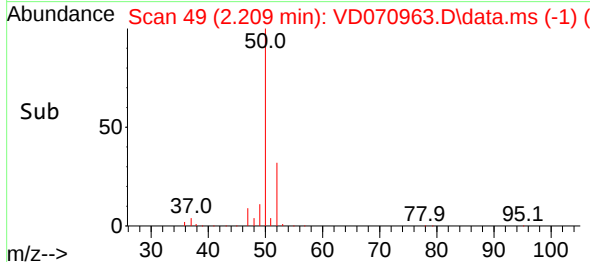
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 186549
Ion Ratio Lower Upper
50 100
52 31.6 25.8 38.8

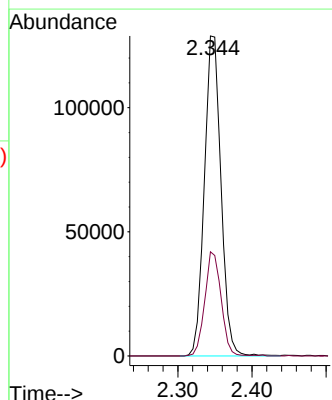
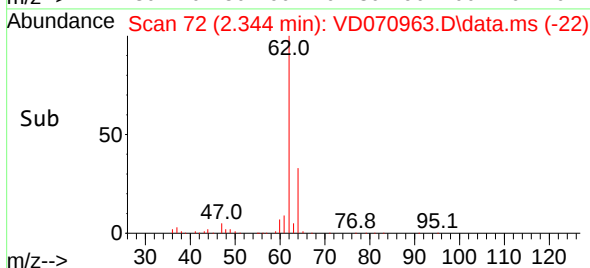
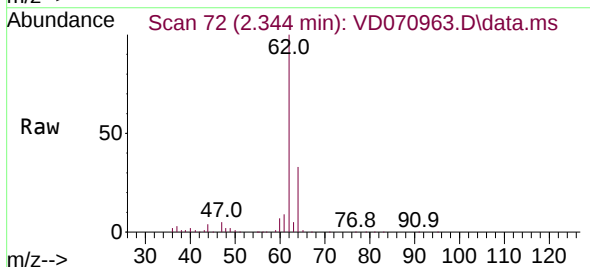
Manual Integrations
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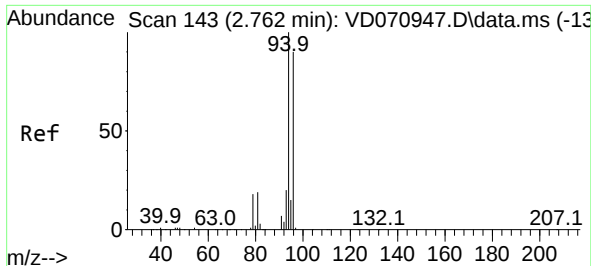
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#4
Vinyl Chloride
Concen: 58.513 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

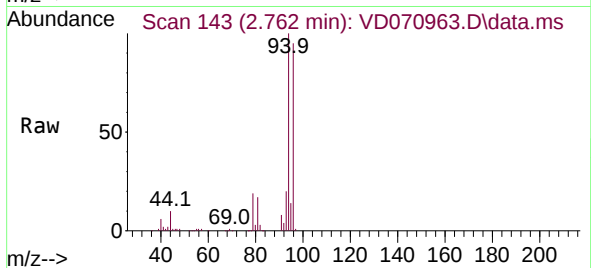
Tgt Ion: 62 Resp: 201071
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 52.800 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

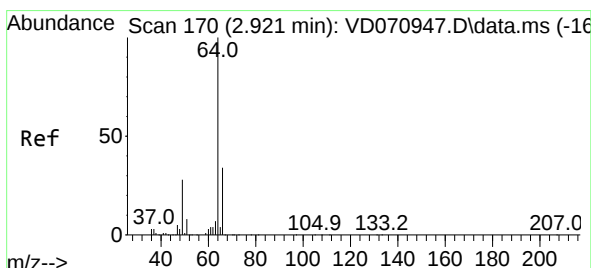
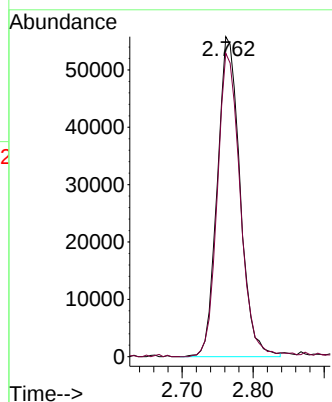
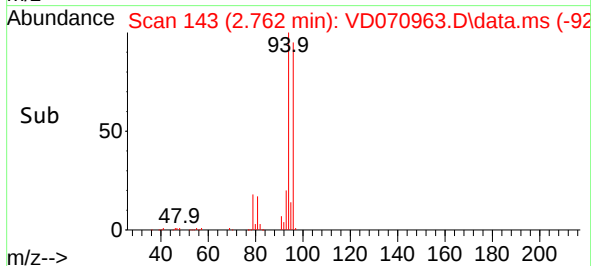
Instrument :
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ClientSampleId :
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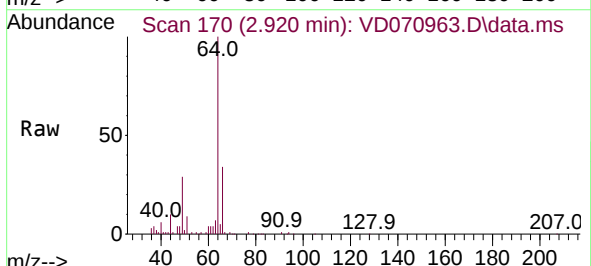
Tgt Ion: 94 Resp: 123668
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2

Manual Integrations
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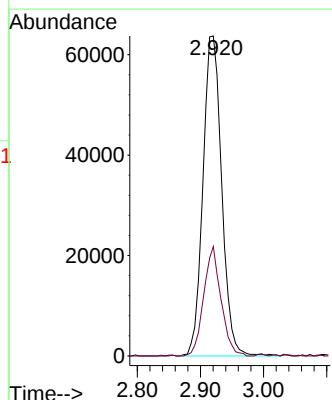
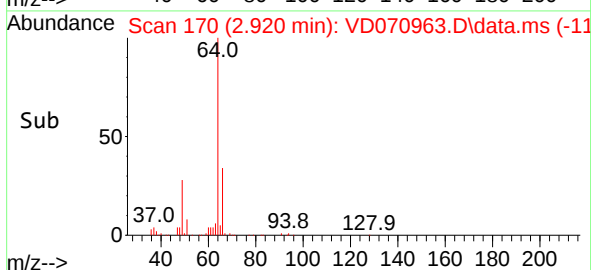
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

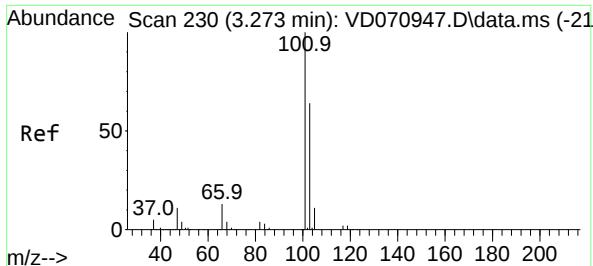


#6
Chloroethane
Concen: 59.662 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion: 64 Resp: 131676
Ion Ratio Lower Upper
64 100
66 34.2 29.0 43.4





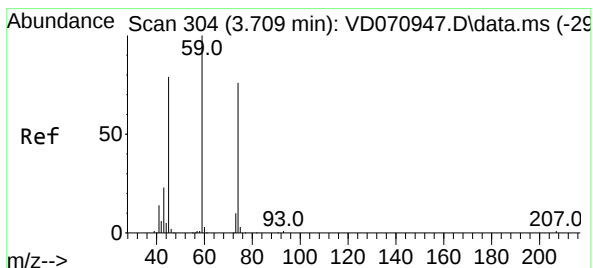
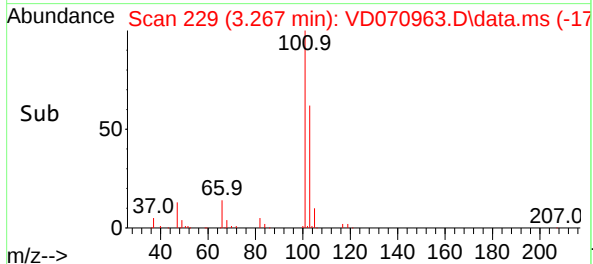
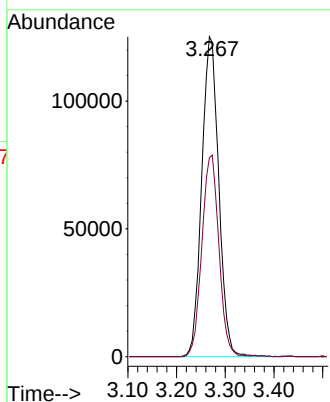
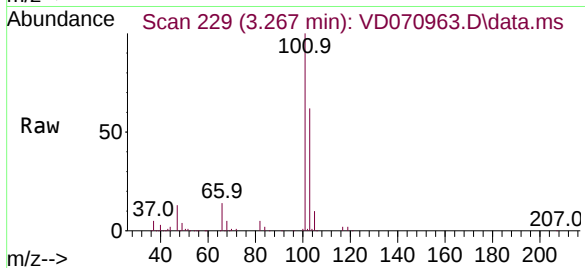
#7
Trichlorofluoromethane
Concen: 54.878 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 303492
Ion Ratio Lower Upper
101 100
103 62.2 49.7 74.5

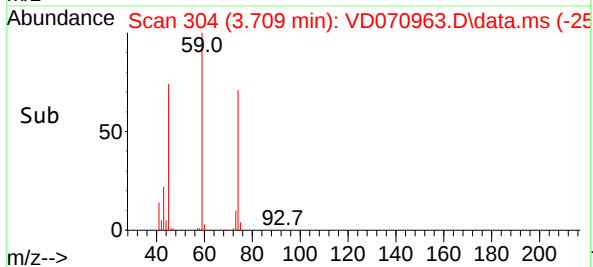
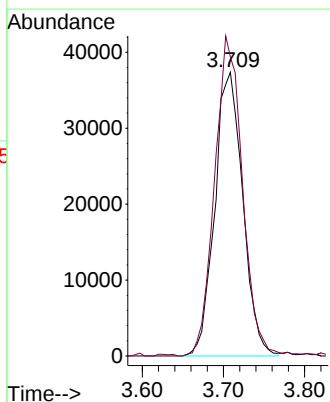
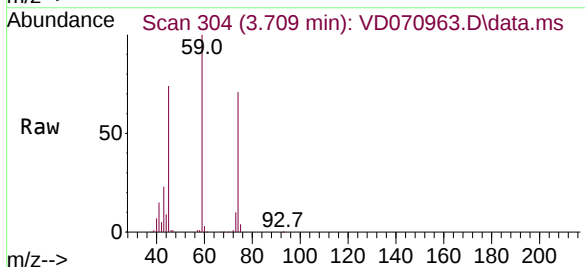
Manual Integrations
APPROVED

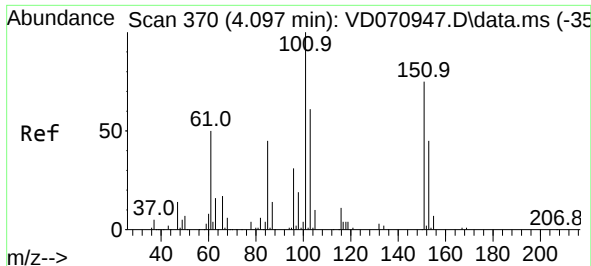
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 49.014 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Tgt Ion: 74 Resp: 89710
Ion Ratio Lower Upper
74 100
45 111.9 49.6 149.0





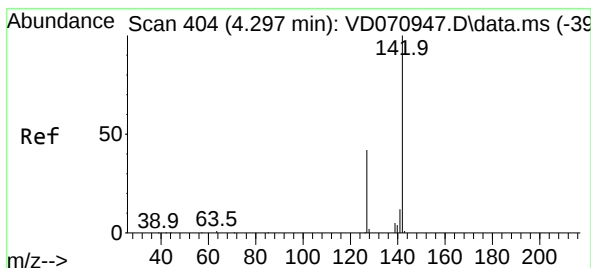
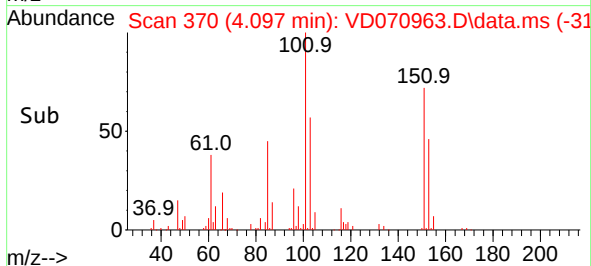
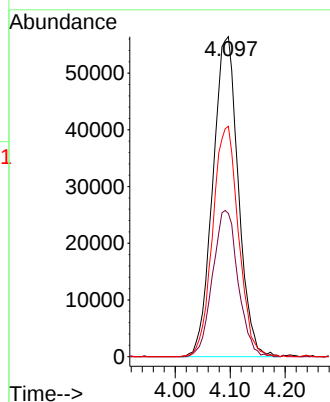
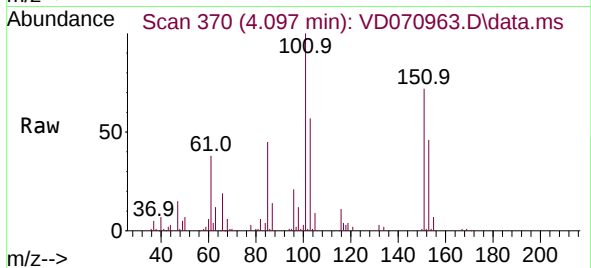
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.288 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 181658
Ion Ratio Lower Upper
101 100
85 45.7 34.8 52.2
151 72.9 60.4 90.6

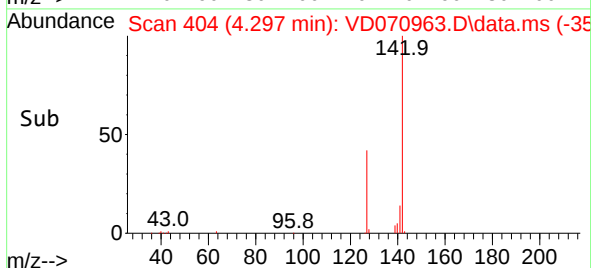
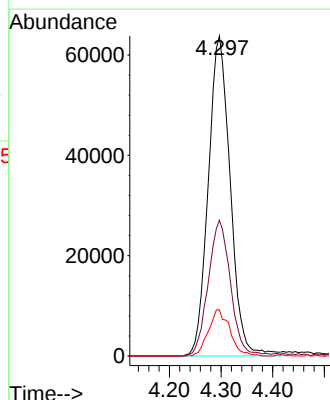
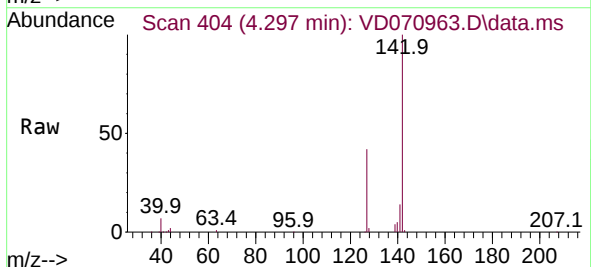
Manual Integrations
APPROVED

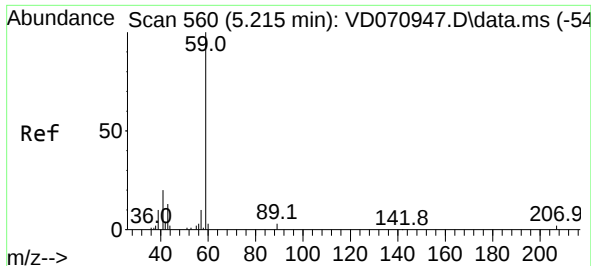
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 46.673 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

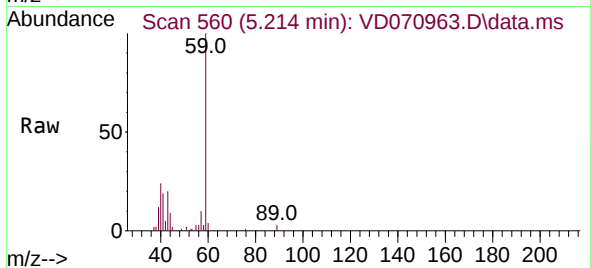
Tgt Ion:142 Resp: 188394
Ion Ratio Lower Upper
142 100
127 43.0 35.0 52.4
141 14.1 12.0 18.0





#11
Tert butyl alcohol
Concen: 230.806 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

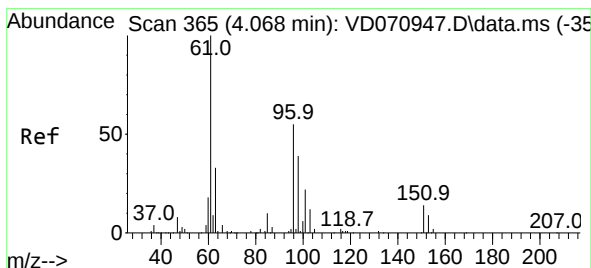
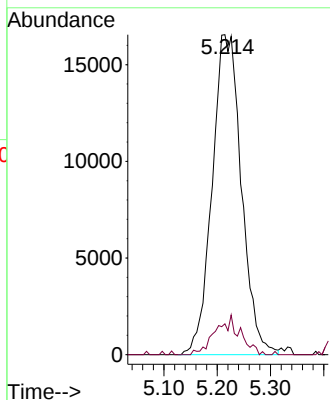
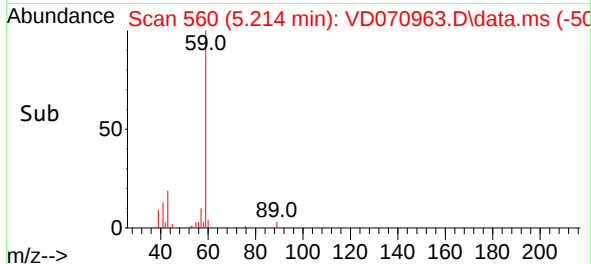
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



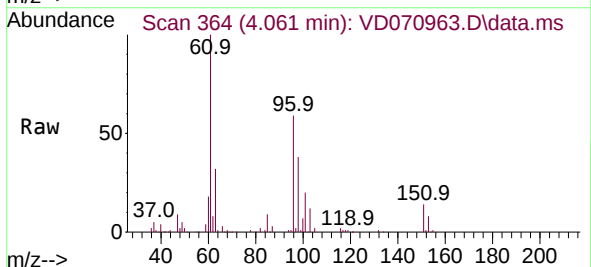
Tgt Ion: 59 Resp: 63119
Ion Ratio Lower Upper
59 100
57 5.7 9.0 13.4

Manual Integrations
APPROVED

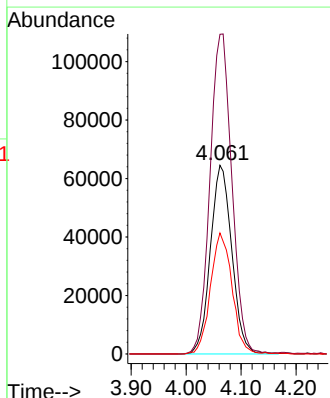
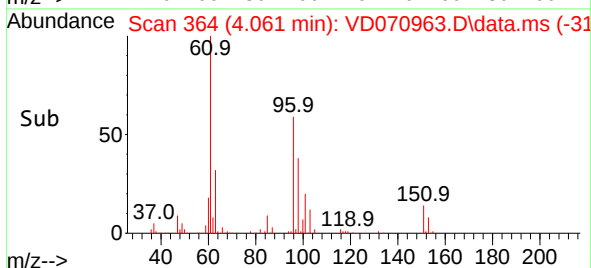
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

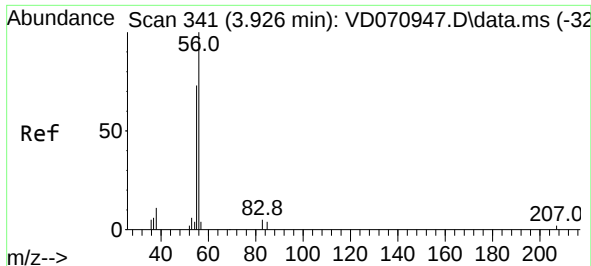


#12
1,1-Dichloroethene
Concen: 52.435 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.007 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



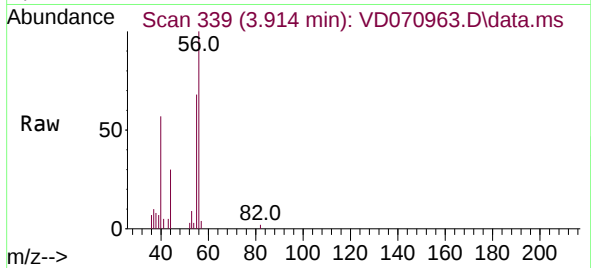
Tgt Ion: 96 Resp: 174993
Ion Ratio Lower Upper
96 100
61 169.4 120.3 180.5
98 64.1 54.4 81.6





#13
Acrolein
Concen: 235.735 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

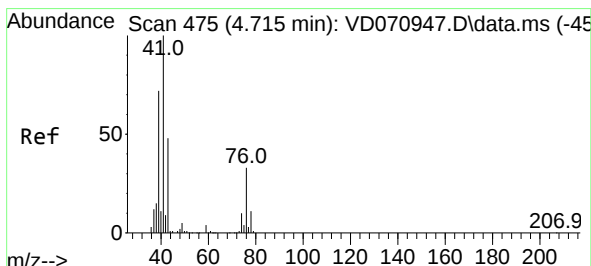
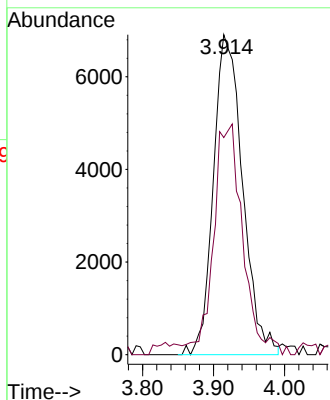
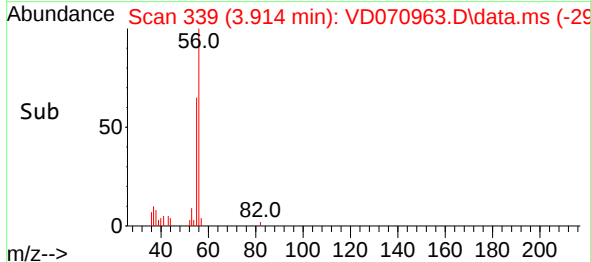
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 19729
Ion Ratio Lower Upper
56 100
55 64.5 58.6 87.8

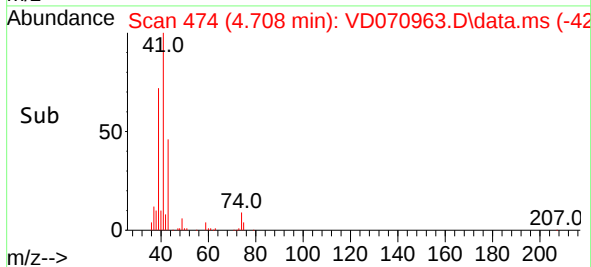
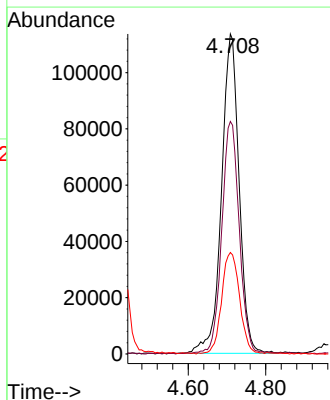
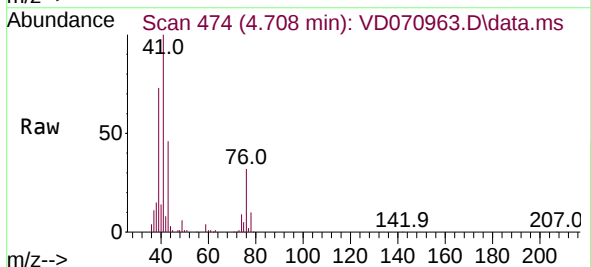
Manual Integrations
APPROVED

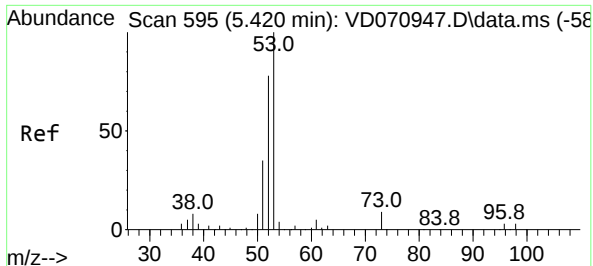
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 51.356 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

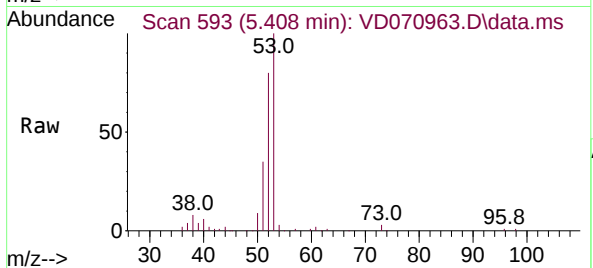
Tgt Ion: 41 Resp: 356996
Ion Ratio Lower Upper
41 100
39 73.1 45.6 68.4#
76 32.6 30.2 45.4





#15
Acrylonitrile
Concen: 258.855 ug/l
RT: 5.408 min Scan# 595
Delta R.T. -0.012 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

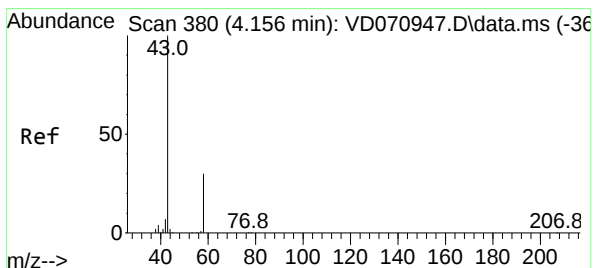
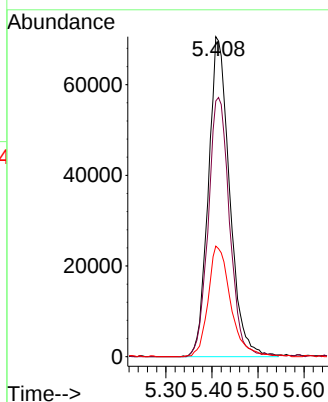
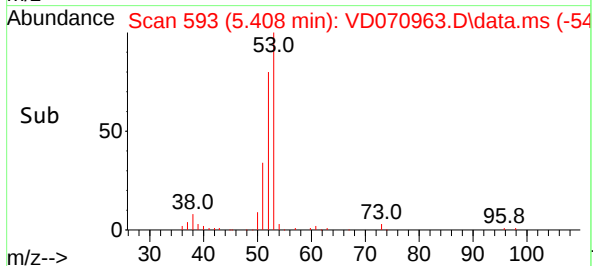
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 226700
Ion Ratio Lower Upper
53 100
52 80.8 63.8 95.8
51 36.4 28.5 42.7

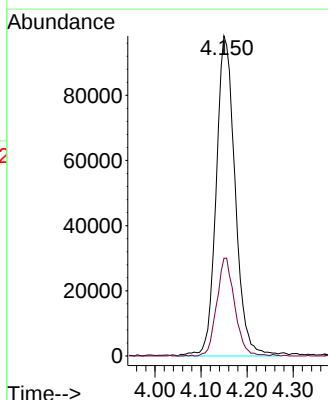
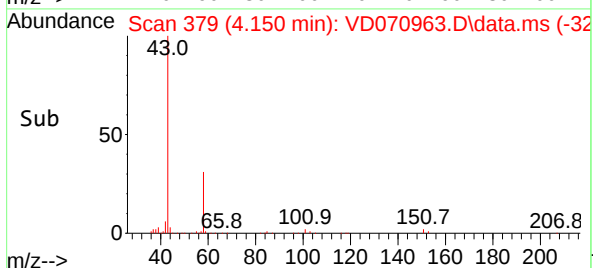
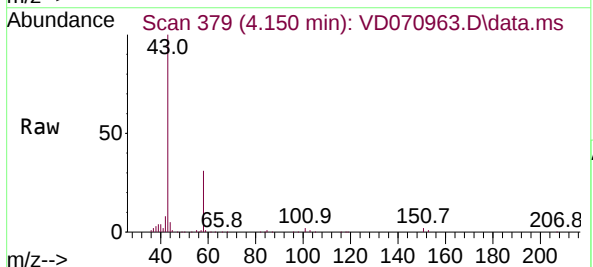
Manual Integrations
APPROVED

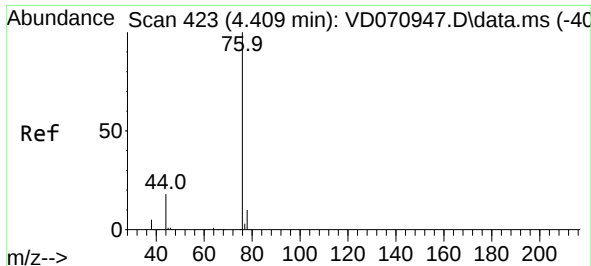
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 274.908 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

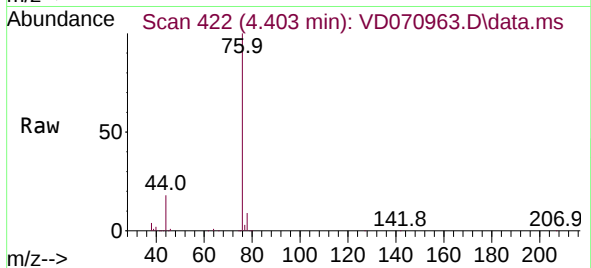
Tgt Ion: 43 Resp: 279966
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8





#17
Carbon Disulfide
Concen: 50.936 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

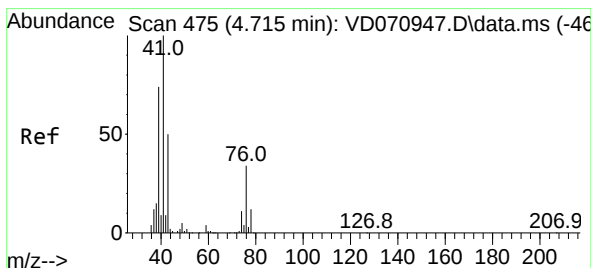
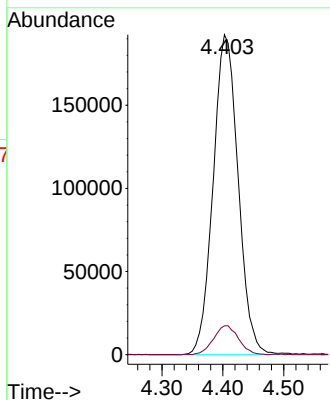
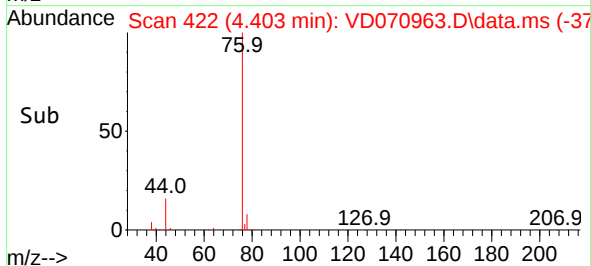
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 54888
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

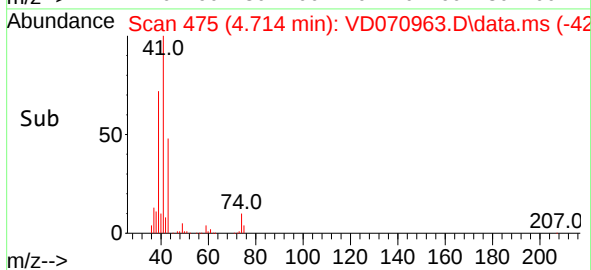
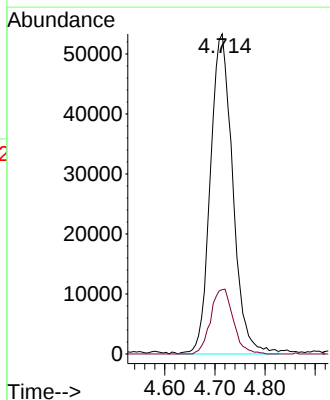
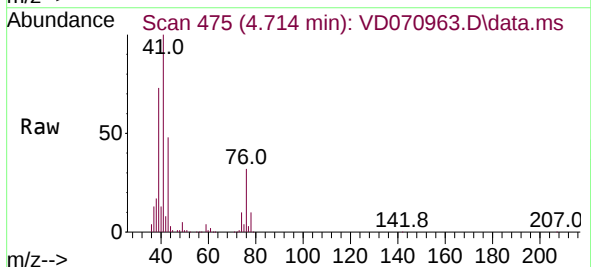
Manual Integrations
APPROVED

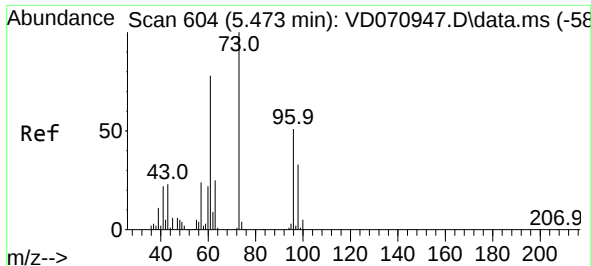
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 51.596 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

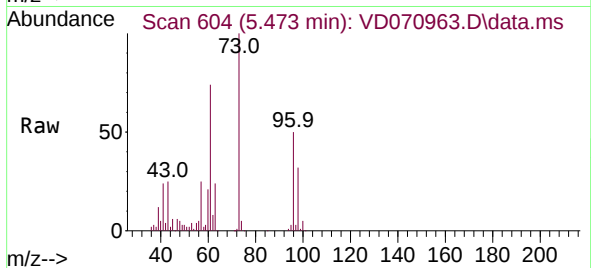
Tgt Ion: 43 Resp: 165638
Ion Ratio Lower Upper
43 100
74 20.4 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 51.716 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

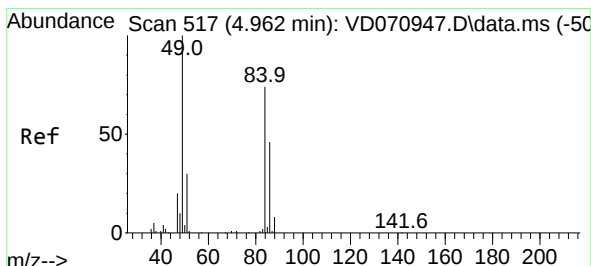
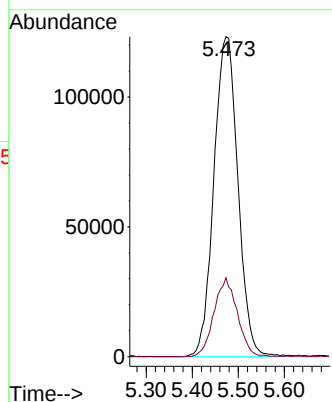
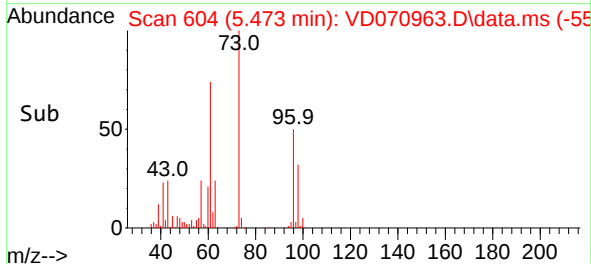
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 445554
Ion Ratio Lower Upper
73 100
57 24.6 18.9 28.3

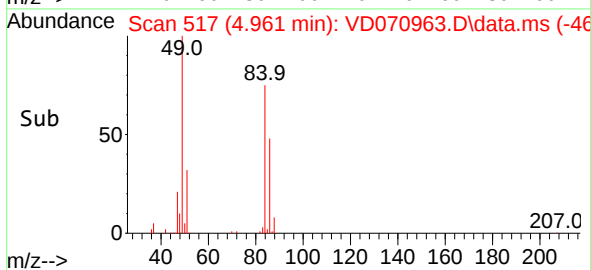
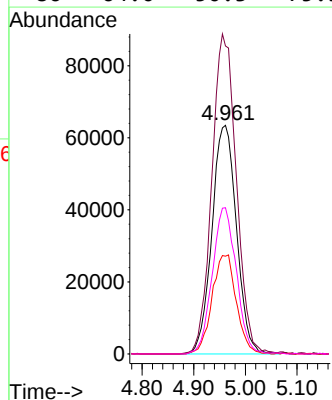
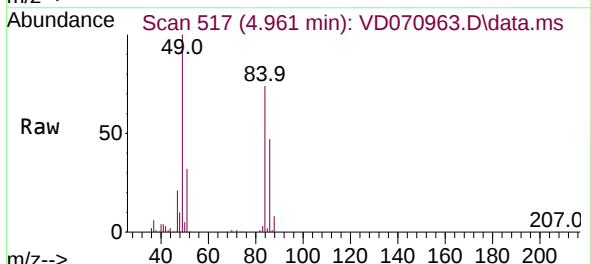
Manual Integrations
APPROVED

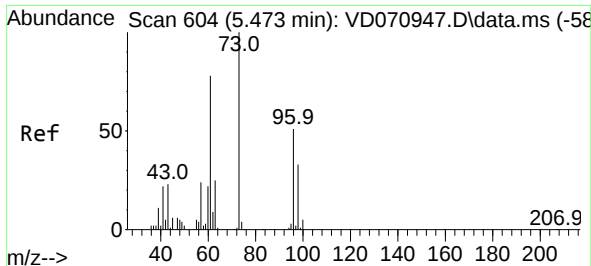
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 49.225 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

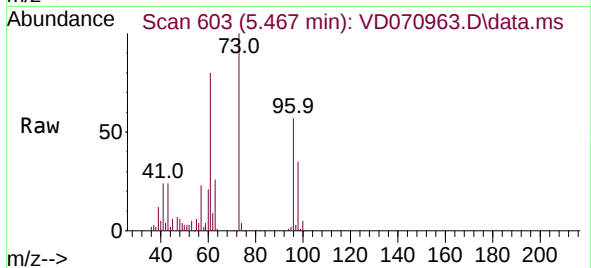
Tgt Ion: 84 Resp: 209456
Ion Ratio Lower Upper
84 100
49 134.7 95.8 143.6
51 42.8 30.9 46.3
86 64.0 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 52.616 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

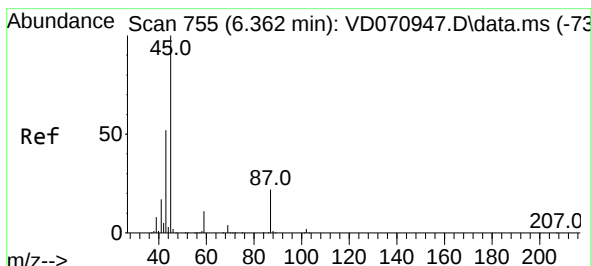
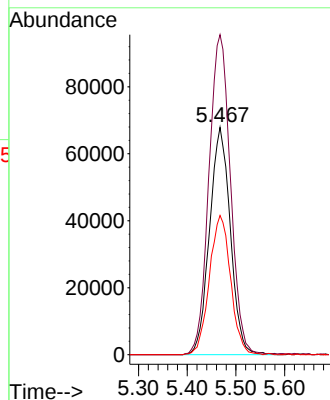
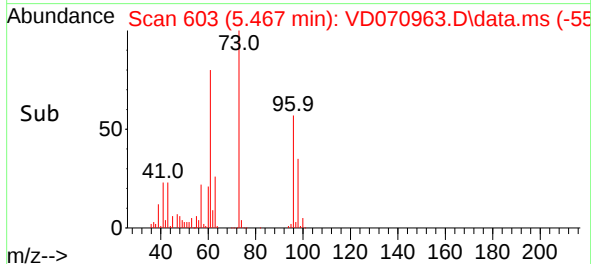
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 201268
Ion Ratio Lower Upper
96 100
61 140.7 102.1 153.1
98 61.2 50.1 75.1

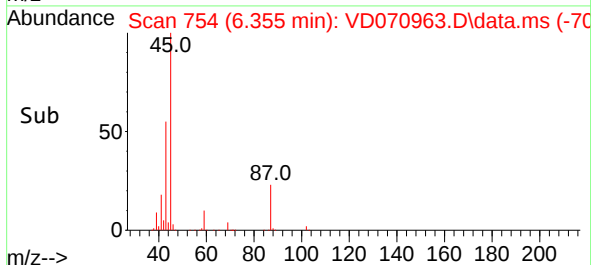
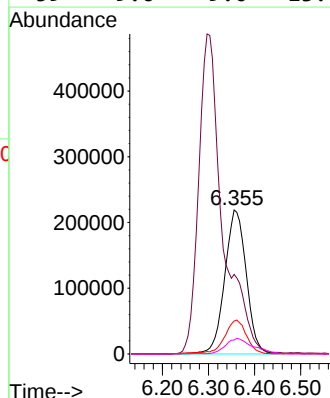
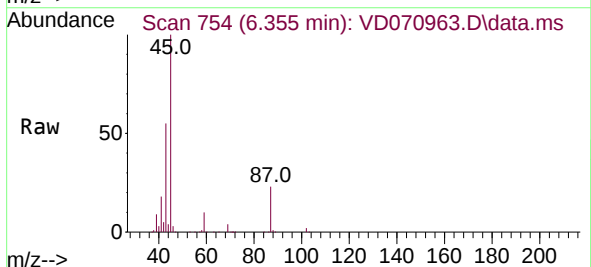
Manual Integrations
APPROVED

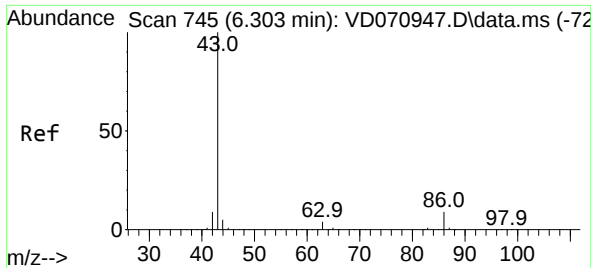
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#22
Diisopropyl ether
Concen: 51.312 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Tgt Ion: 45 Resp: 709107
Ion Ratio Lower Upper
45 100
43 54.4 39.6 59.4
87 22.7 21.2 31.8
59 9.6 9.0 13.6





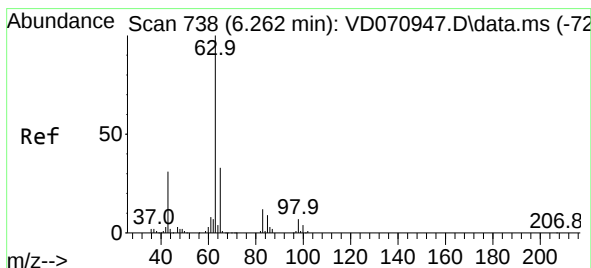
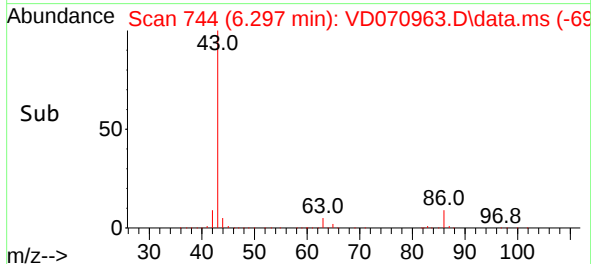
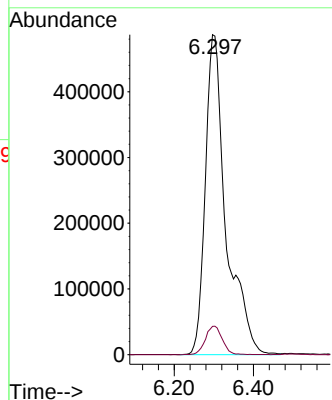
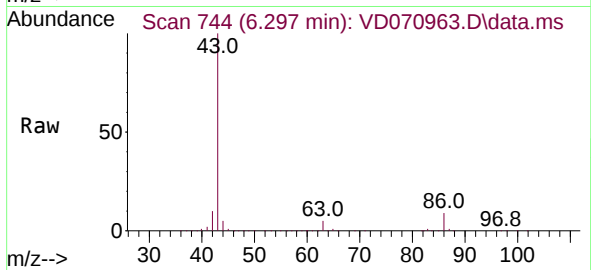
#23
 Vinyl Acetate
 Concen: 240.269 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD070963.D
 Acq: 10 Nov 2021 10:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1765704
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.2 12.4

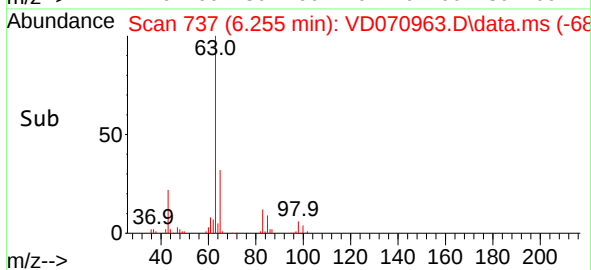
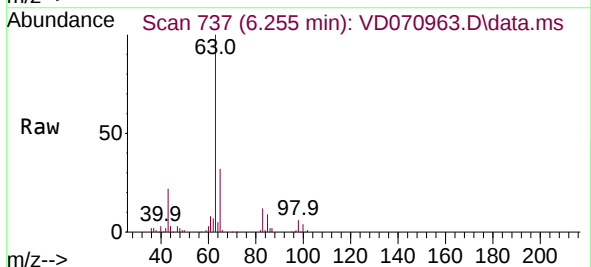
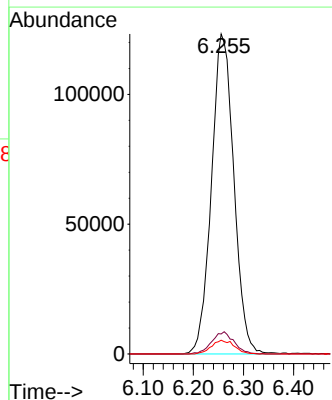
Manual Integrations
 APPROVED

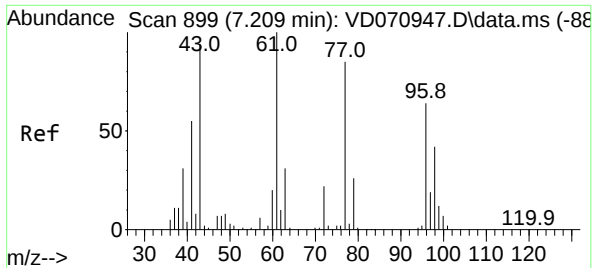
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 51.798 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.007 min
 Lab File: VD070963.D
 Acq: 10 Nov 2021 10:19

Tgt Ion: 63 Resp: 382337
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.3 2.1 6.3





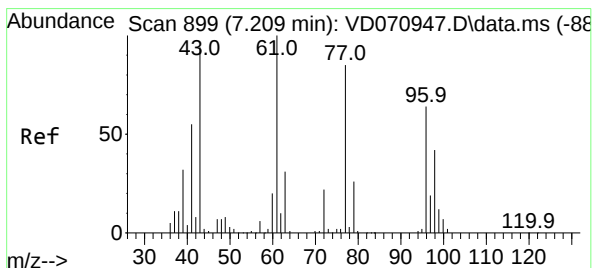
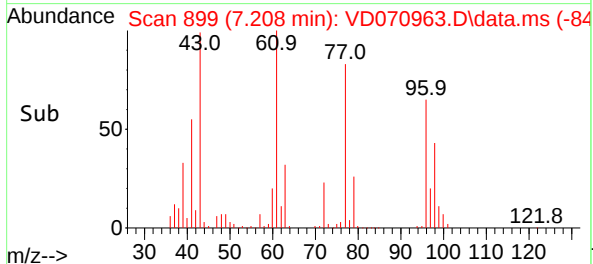
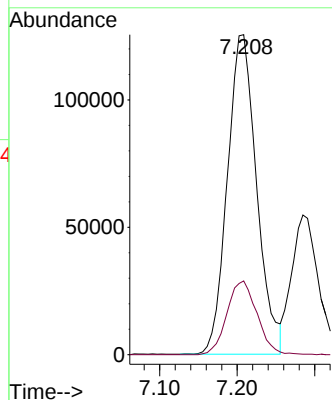
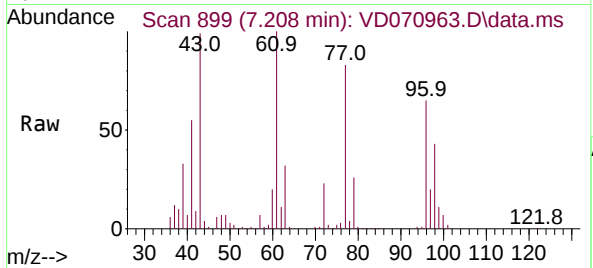
#25
2-Butanone
Concen: 252.491 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 330019
Ion Ratio Lower Upper
43 100
72 23.1 23.8 35.6

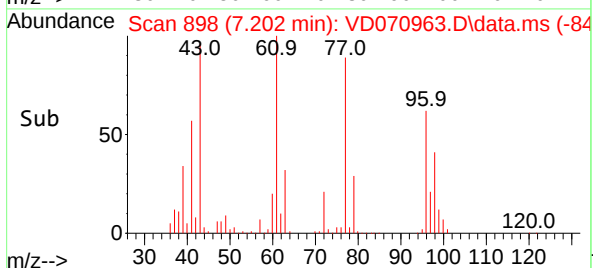
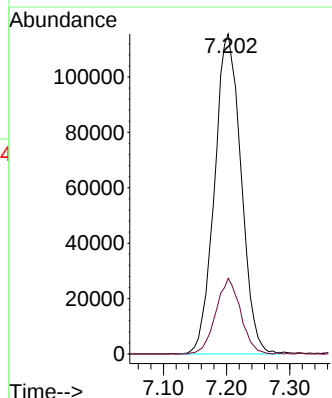
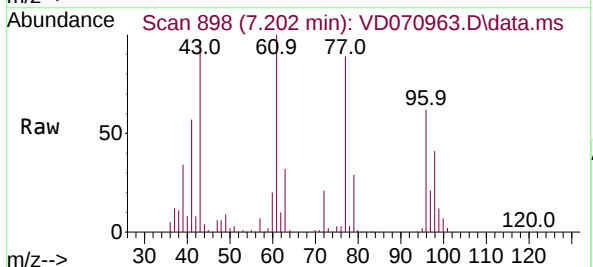
Manual Integrations
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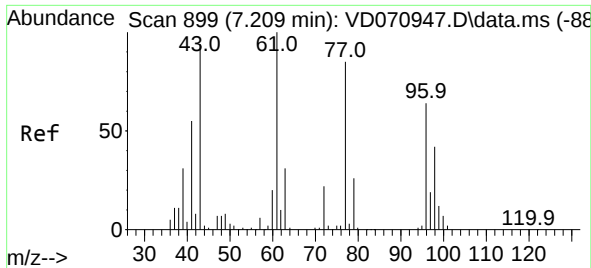
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#26
2,2-Dichloropropane
Concen: 54.008 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.007 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Tgt Ion: 77 Resp: 336445
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.5





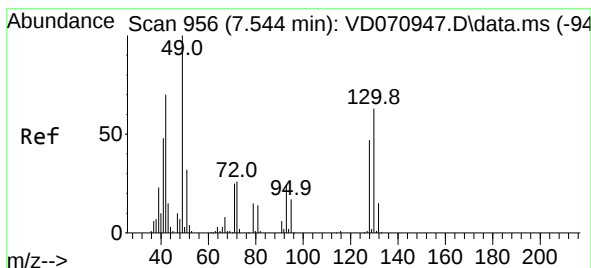
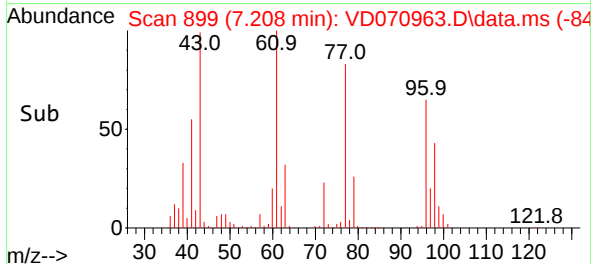
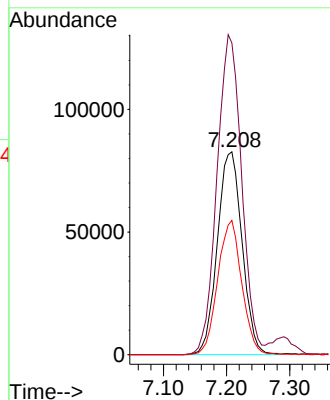
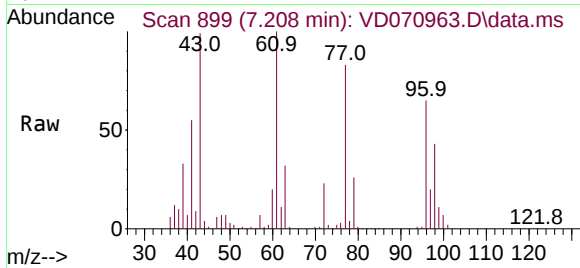
#27
 cis-1,2-Dichloroethene
 Concen: 51.492 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.001 min
 Lab File: VD070963.D
 Acq: 10 Nov 2021 10:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 22515
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 288.6
 98 64.3 0.0 129.2

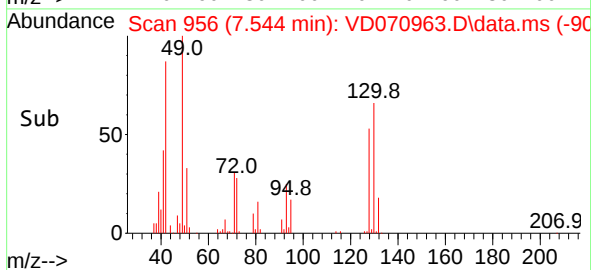
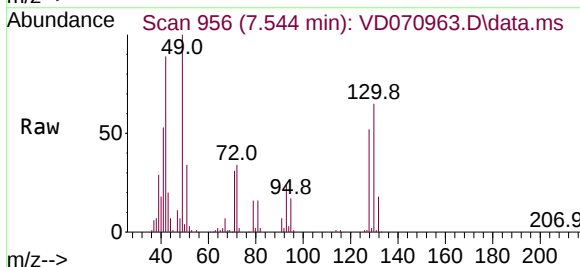
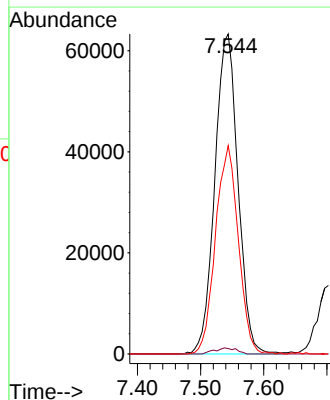
Manual Integrations
 APPROVED

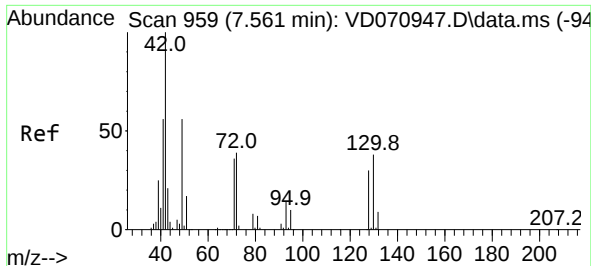
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#28
 Bromochloromethane
 Concen: 51.472 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD070963.D
 Acq: 10 Nov 2021 10:19

Tgt Ion: 49 Resp: 161146
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 64.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 257.595 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

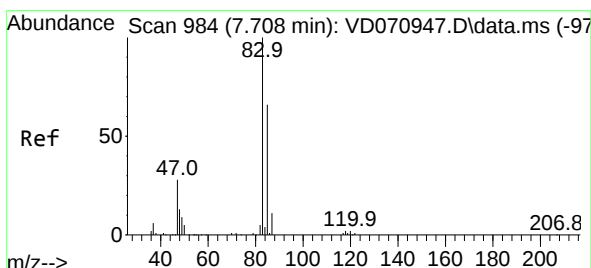
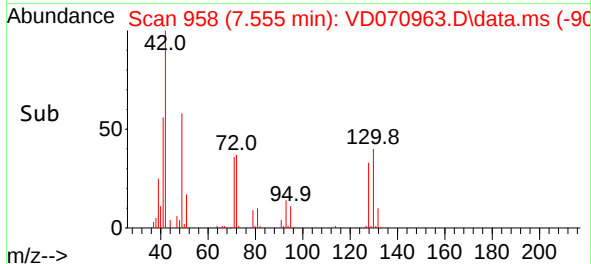
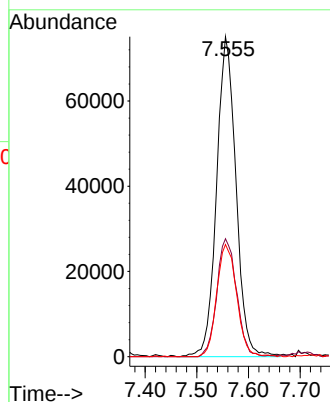
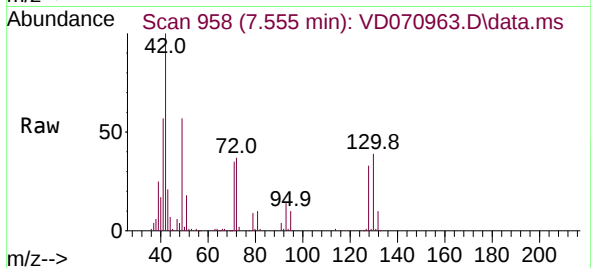
VSTDCCC050

Tgt Ion:	42	Resp:	195849
Ion	Ratio	Lower	Upper
42	100		
72	37.5	33.7	50.5
71	36.0	32.7	49.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 52.154 ug/l

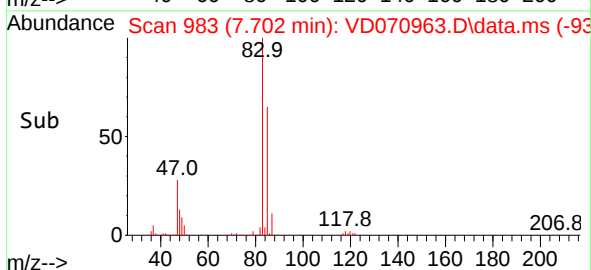
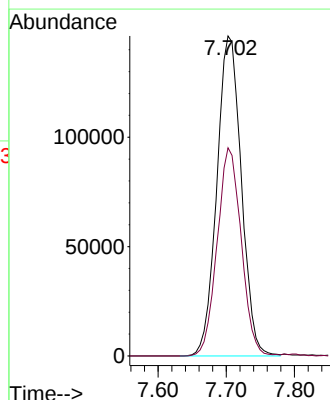
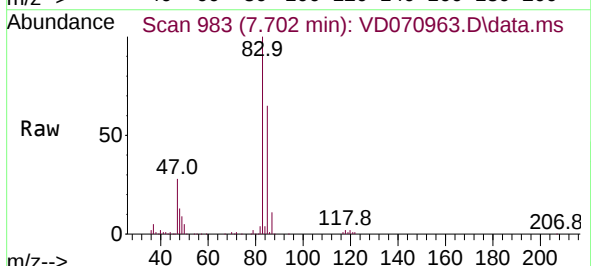
RT: 7.702 min Scan# 983

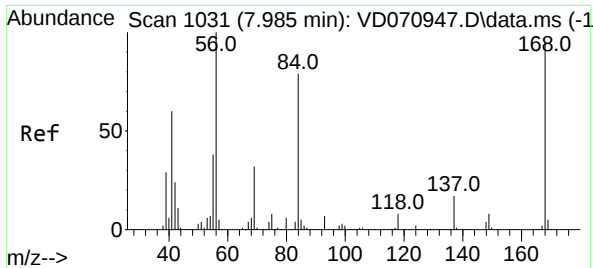
Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

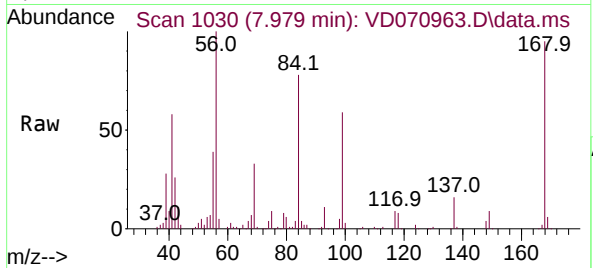
Tgt Ion:	83	Resp:	366008
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.0	76.6





#31
Cyclohexane
Concen: 49.396 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

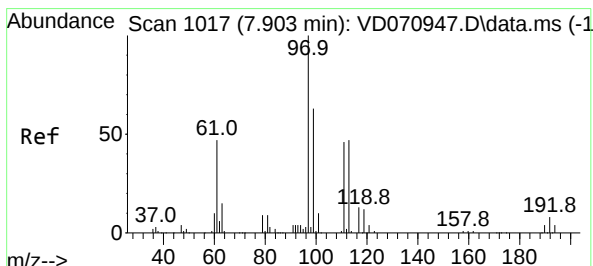
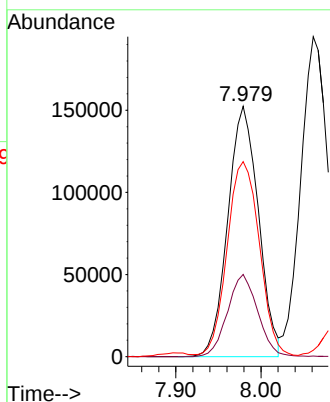
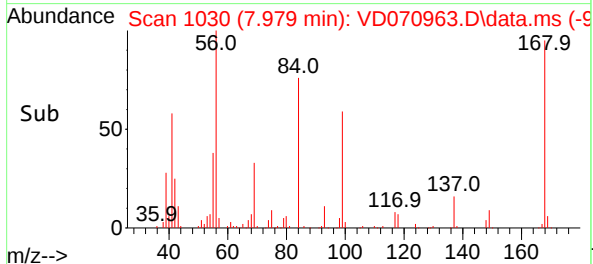
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



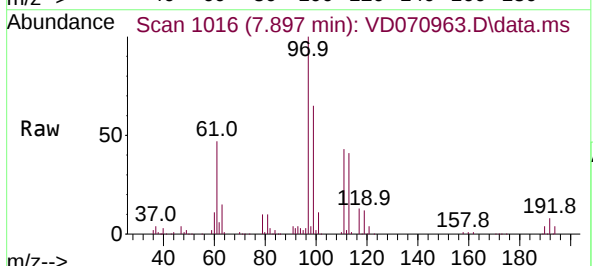
Tgt Ion: 56 Resp: 38011
Ion Ratio Lower Upper
56 100
69 32.9 25.9 38.9
84 76.4 64.3 96.5

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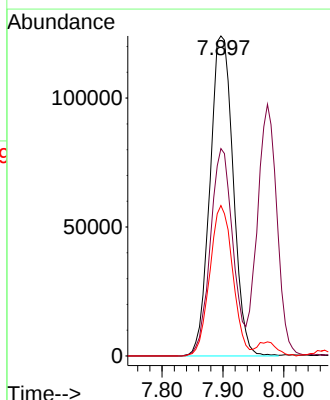
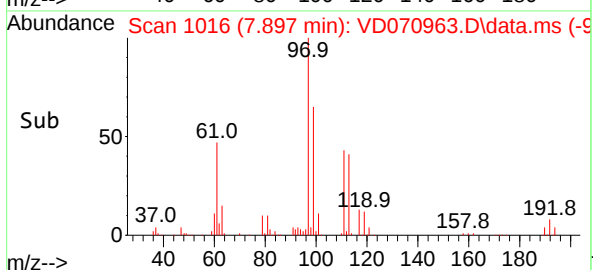
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

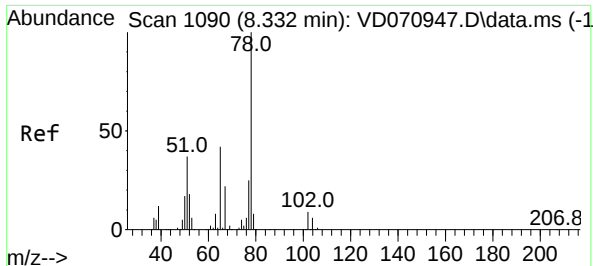


#32
1,1,1-Trichloroethane
Concen: 54.589 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion: 97 Resp: 329021
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 46.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.088 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.012 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18368

Ion Ratio Lower Upper

65 100

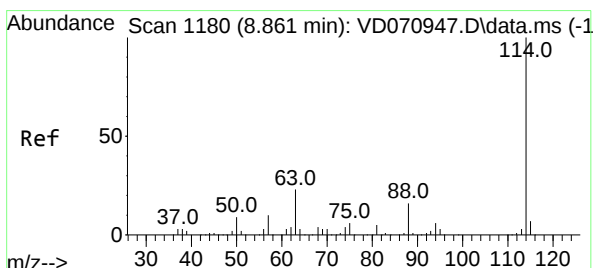
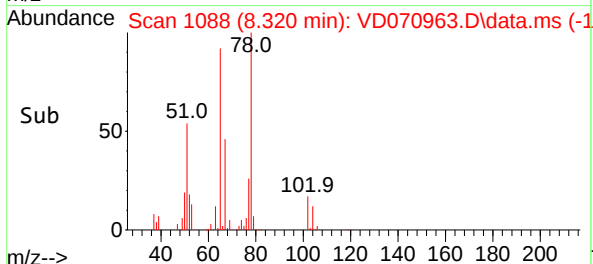
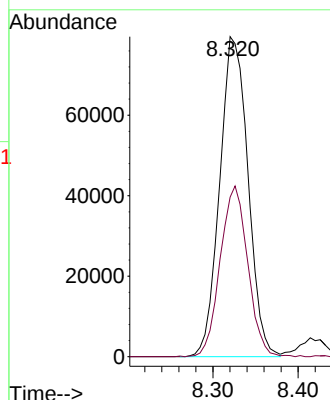
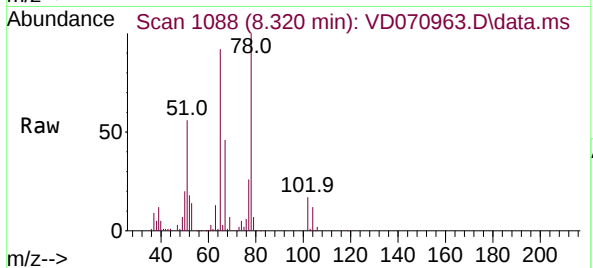
67 51.9 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

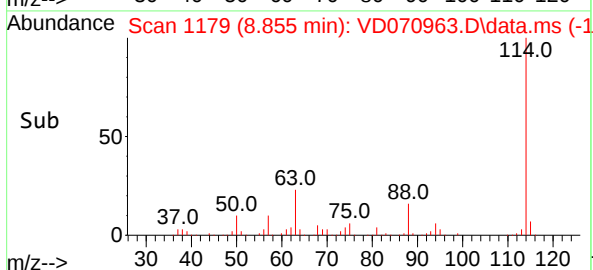
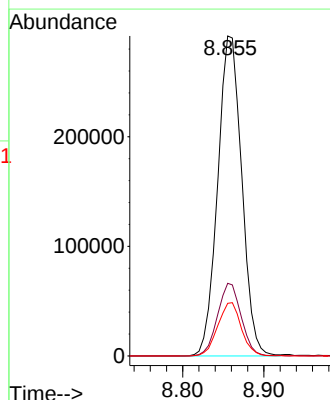
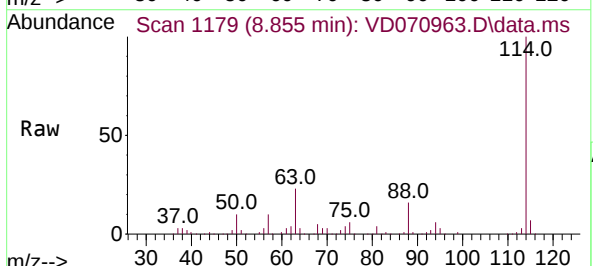
Tgt Ion:114 Resp: 601879

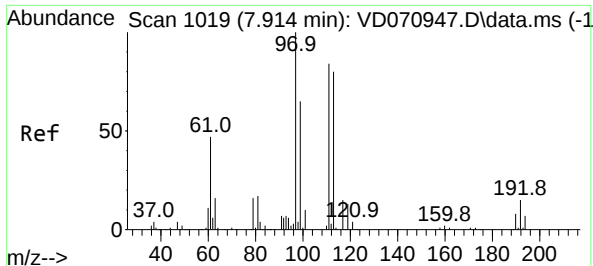
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.798 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

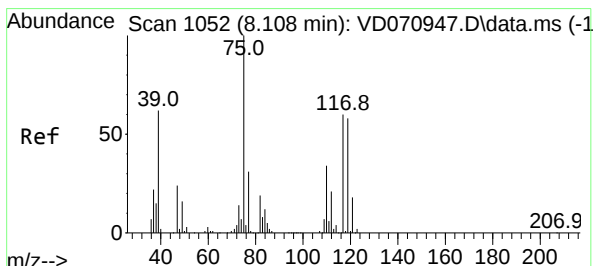
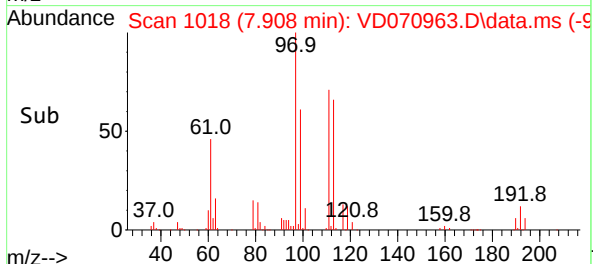
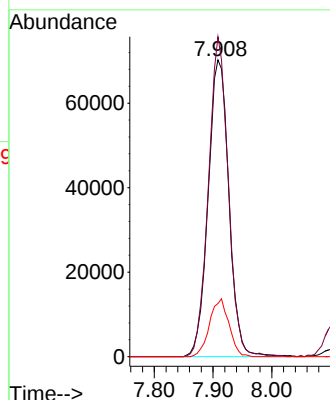
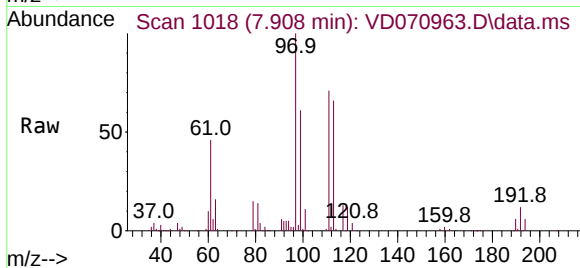
Tgt Ion:113 Resp: 172520

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.3	15.2	22.8

Manual Integrations

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Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36

1,1-Dichloropropene

Concen: 55.335 ug/l

RT: 8.108 min Scan# 1052

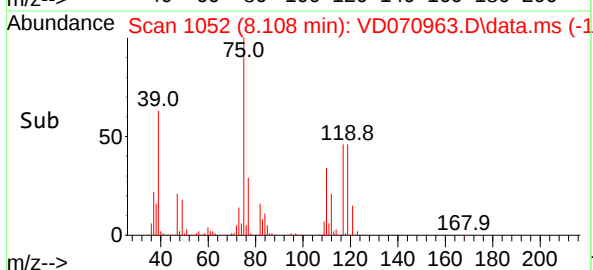
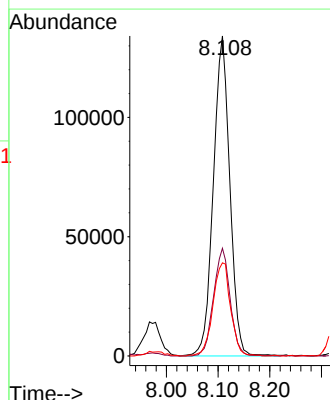
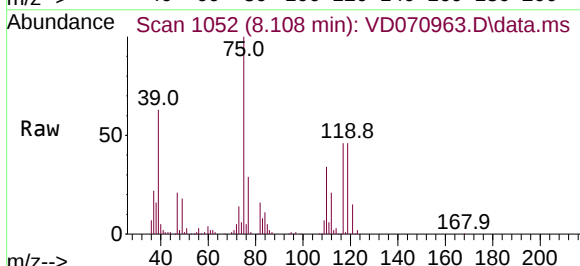
Delta R.T. 0.000 min

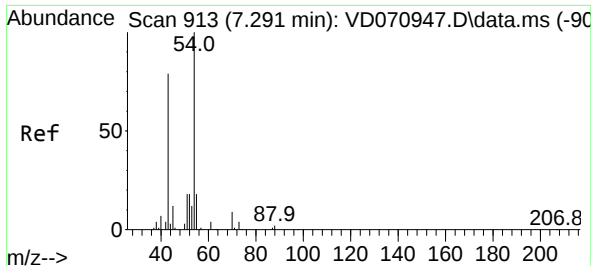
Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Tgt Ion: 75 Resp: 297362

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.8	53.4
77	31.2	24.8	37.2





#37

Ethyl Acetate

Concen: 54.014 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD070963.D

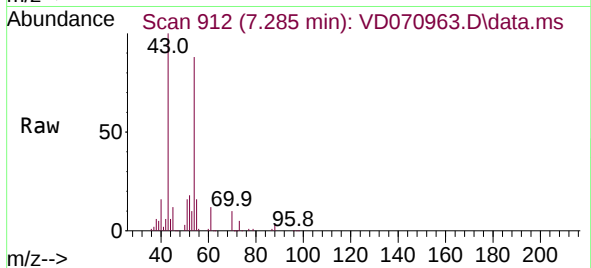
Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 132428

Ion Ratio Lower Upper

43 100

61 12.7 13.0 19.6

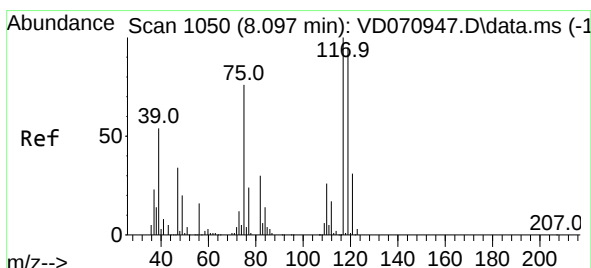
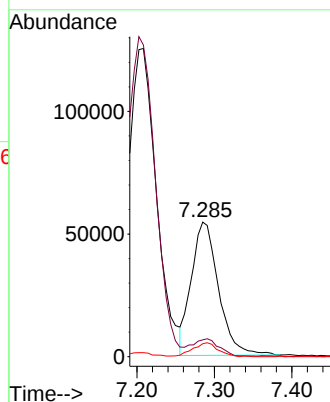
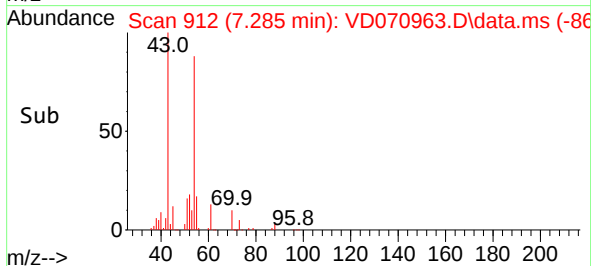
70 9.8 8.7 13.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 55.978 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

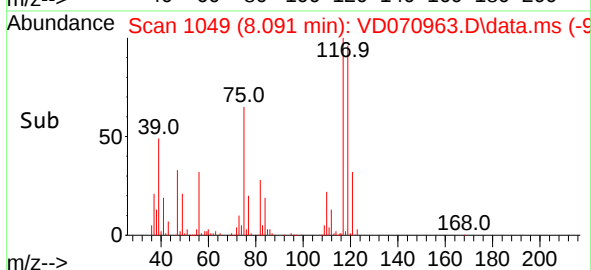
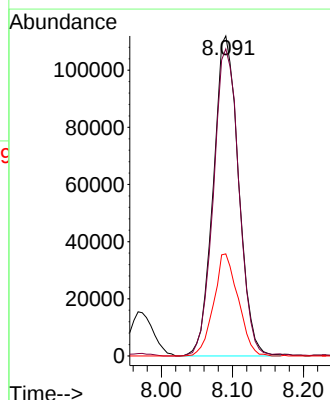
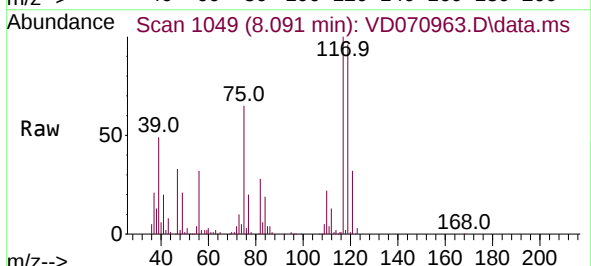
Tgt Ion:117 Resp: 277024

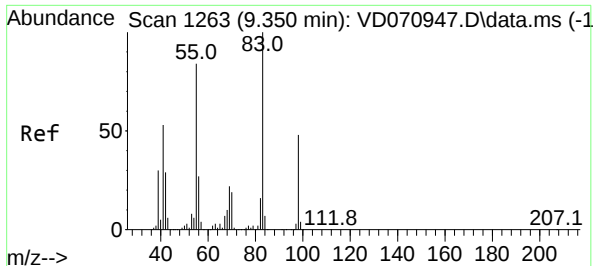
Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.6

121 31.9 23.6 35.4





#39

Methylcyclohexane

Concen: 54.648 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

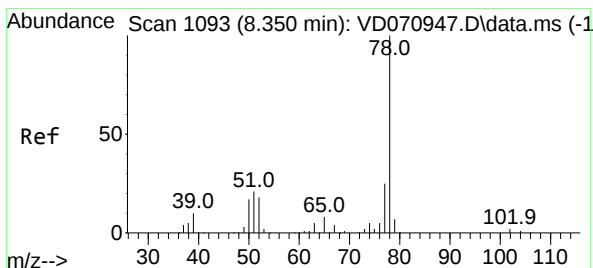
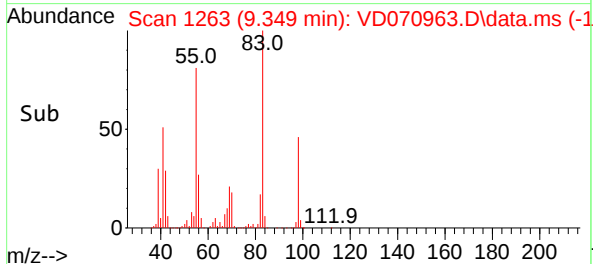
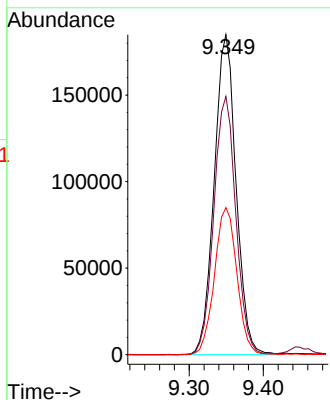
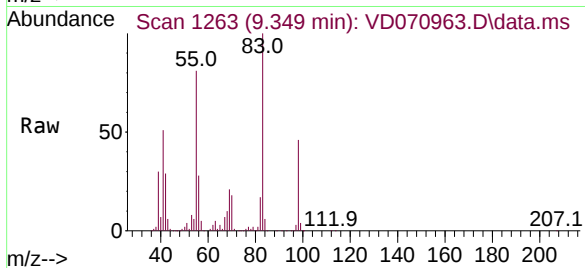
Tgt Ion: 83 Resp: 379270

Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.8	98.8
98	46.0	38.7	58.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 53.176 ug/l

RT: 8.344 min Scan# 1092

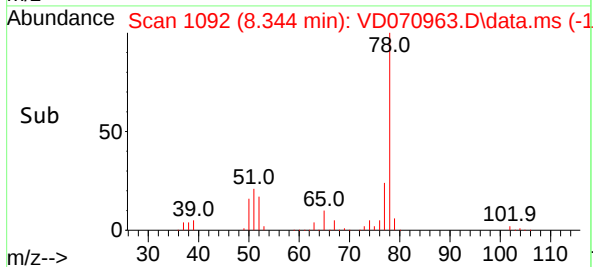
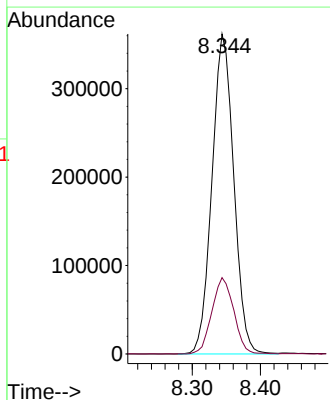
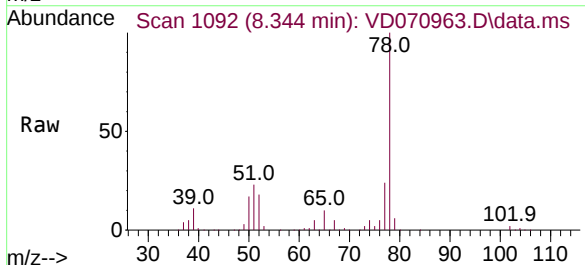
Delta R.T. -0.006 min

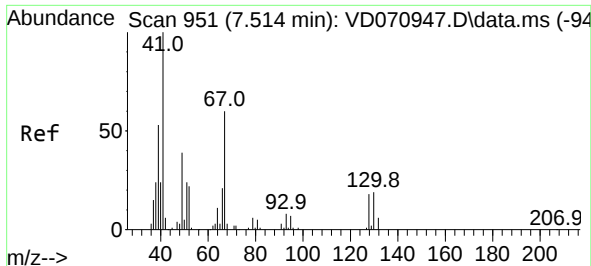
Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Tgt Ion: 78 Resp: 804759

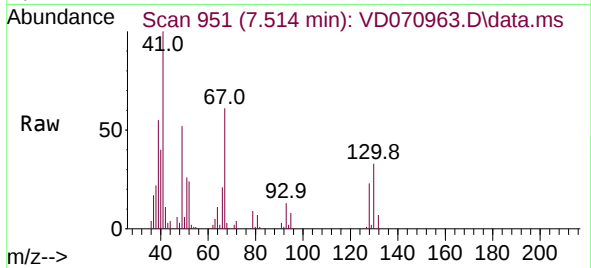
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 41.559 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

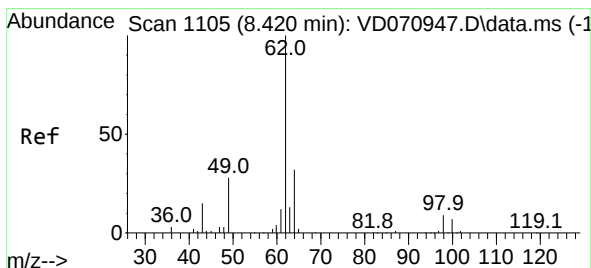
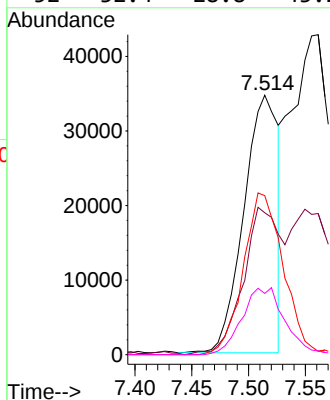
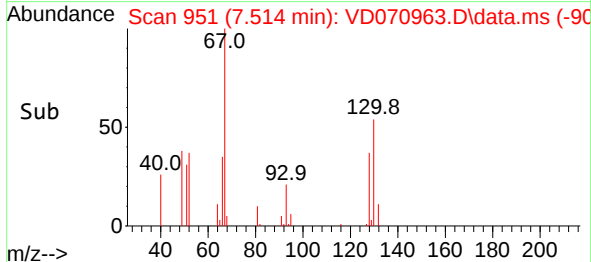
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



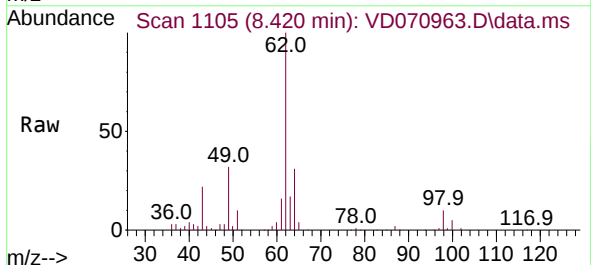
Tgt Ion: 41 Resp: 72330
Ion Ratio Lower Upper
41 100
39 64.2 60.2 90.4
67 73.4 74.8 112.2
52 32.4 28.8 43.2

Manual Integrations
APPROVED

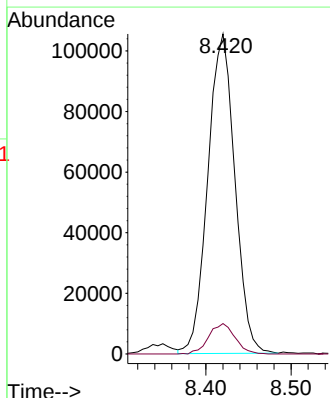
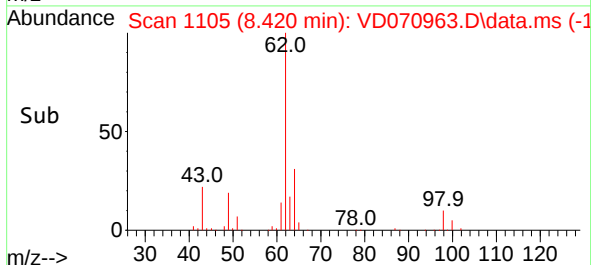
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

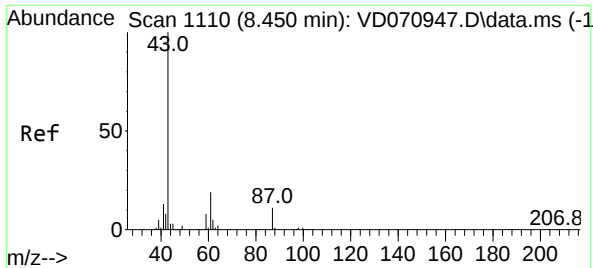


#42
1,2-Dichloroethane
Concen: 54.298 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



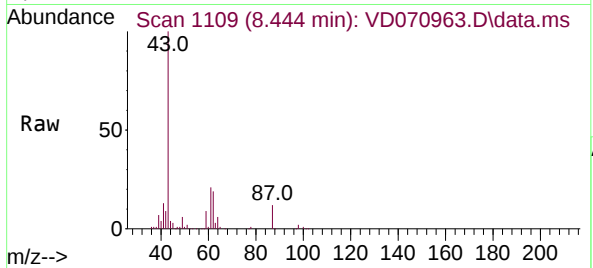
Tgt Ion: 62 Resp: 232751
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 53.139 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

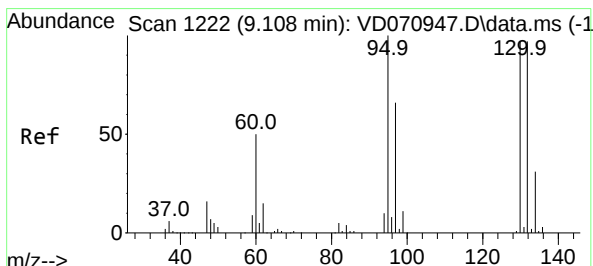
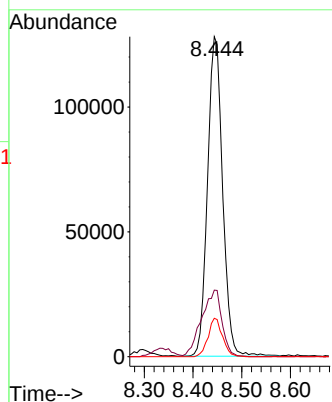
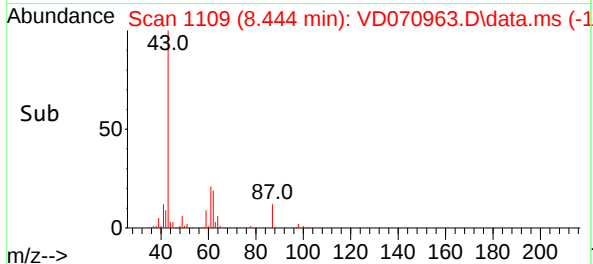
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



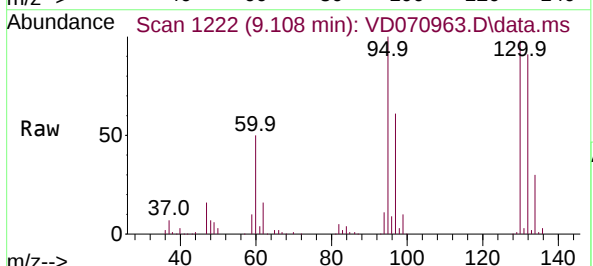
Tgt Ion: 43 Resp: 275723
Ion Ratio Lower Upper
43 100
61 28.2 28.2 42.4
87 11.4 10.7 16.1

Manual Integrations
APPROVED

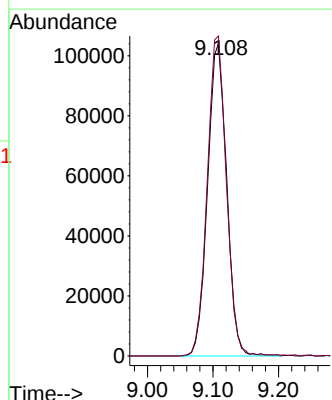
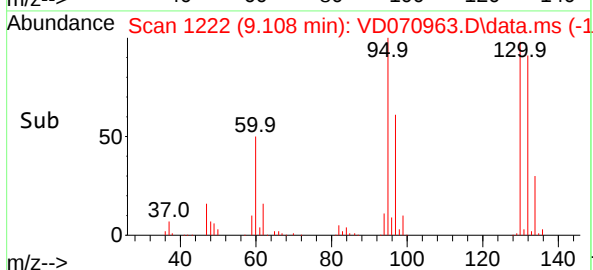
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

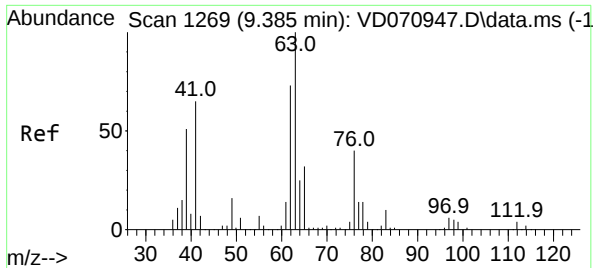


#44
Trichloroethene
Concen: 53.985 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion:130 Resp: 210586
Ion Ratio Lower Upper
130 100
95 102.5 0.0 193.2





#45

1,2-Dichloropropane

Concen: 52.384 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 214398

Ion Ratio Lower Upper

63 100

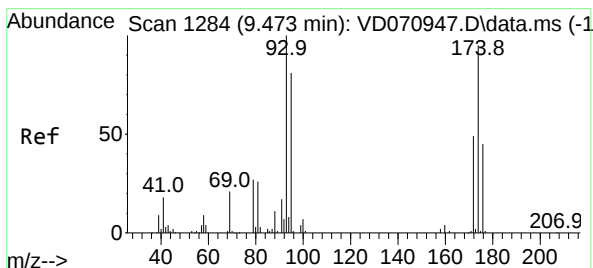
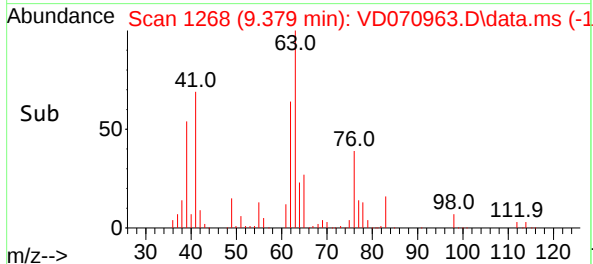
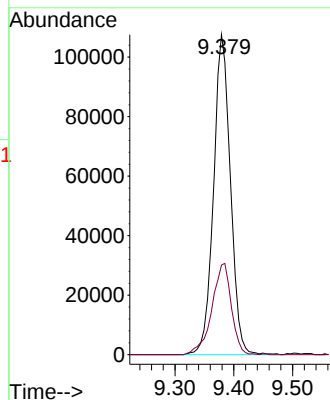
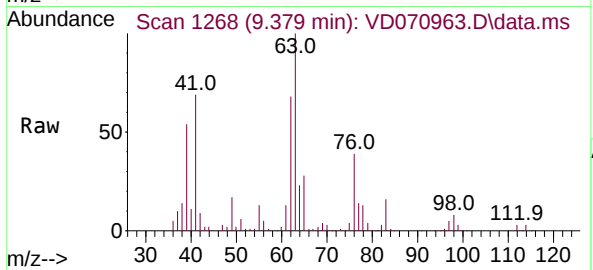
65 28.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 53.852 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

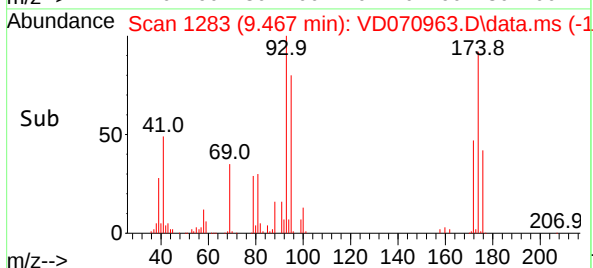
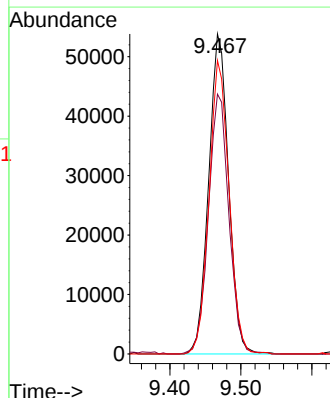
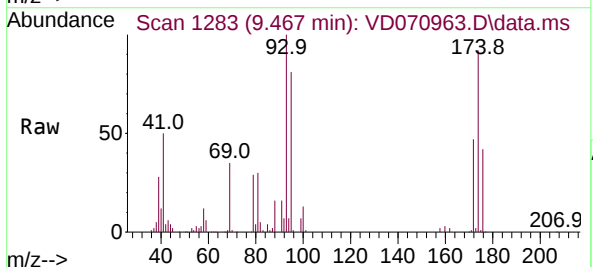
Tgt Ion: 93 Resp: 104910

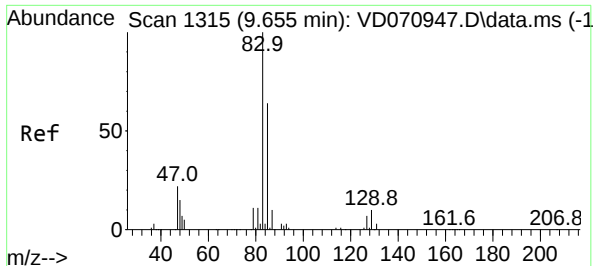
Ion Ratio Lower Upper

93 100

95 83.3 66.1 99.1

174 92.3 78.6 117.8





#47

Bromodichloromethane

Concen: 53.940 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

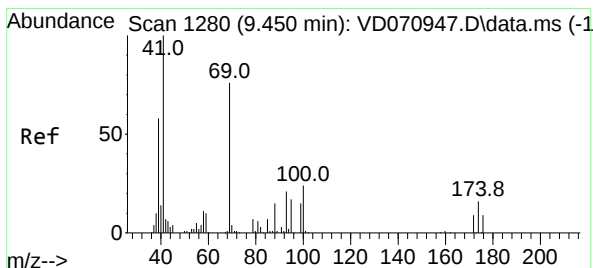
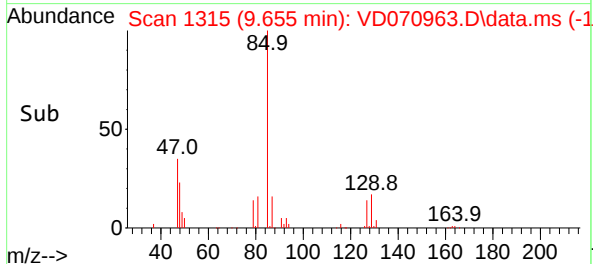
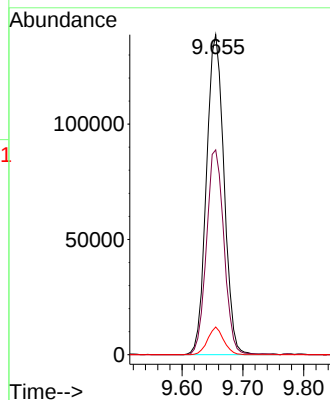
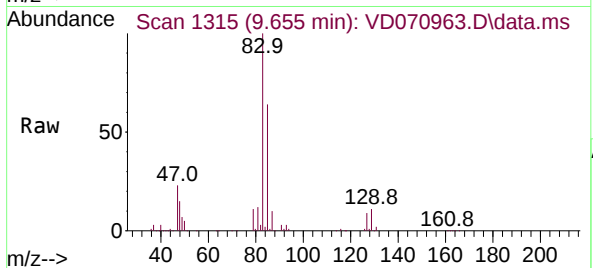
Tgt Ion:	83	Resp:	27794
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.0	75.0
127	8.7	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/16/2021



#48

Methyl methacrylate

Concen: 53.642 ug/l

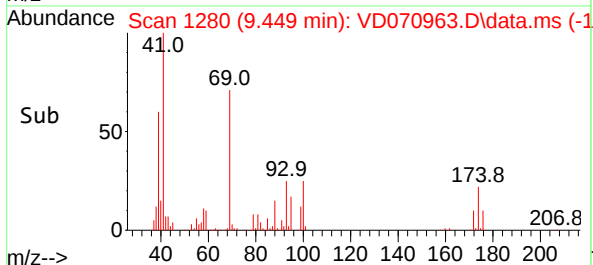
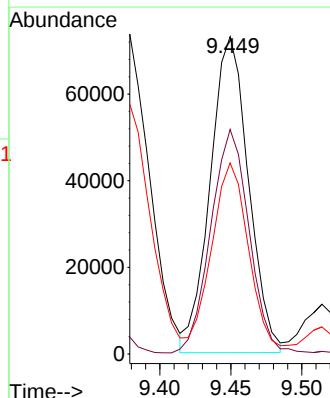
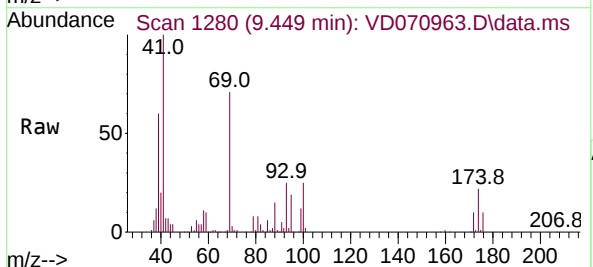
RT: 9.449 min Scan# 1280

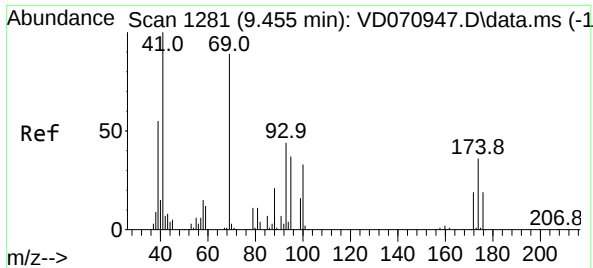
Delta R.T. -0.001 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

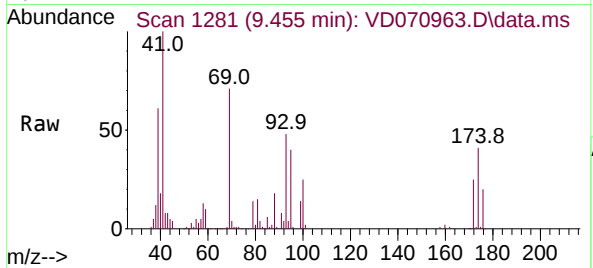
Tgt Ion:	41	Resp:	136542
Ion	Ratio	Lower	Upper
41	100		
69	70.9	69.8	104.6
39	53.7	35.6	53.4





#49
1,4-Dioxane
Concen: 1098.989 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

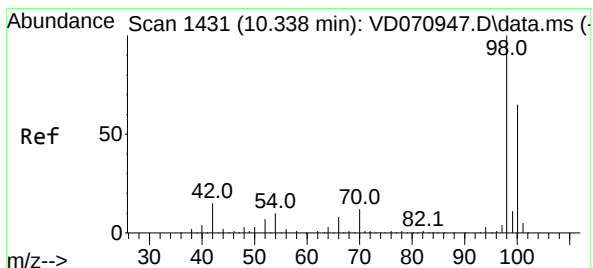
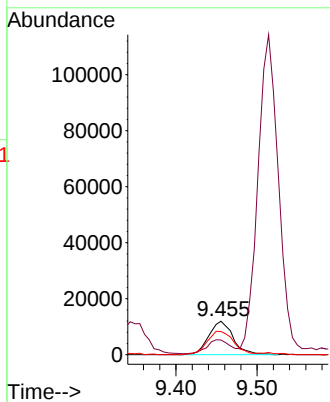
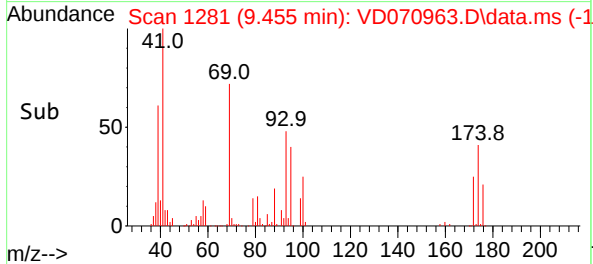
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 24800
Ion Ratio Lower Upper
88 100
43 41.7 28.9 43.3
58 76.3 56.3 84.5

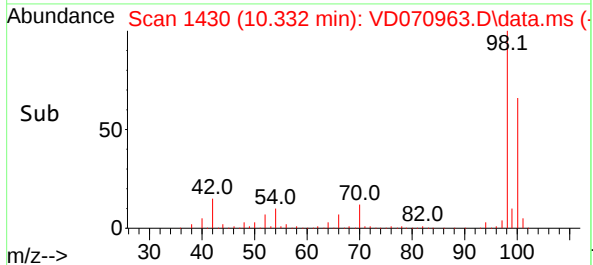
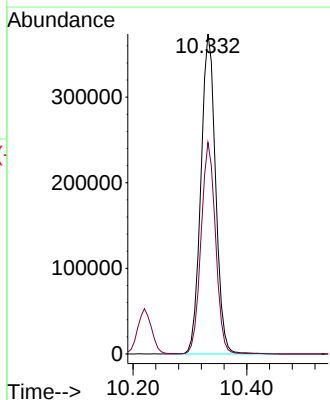
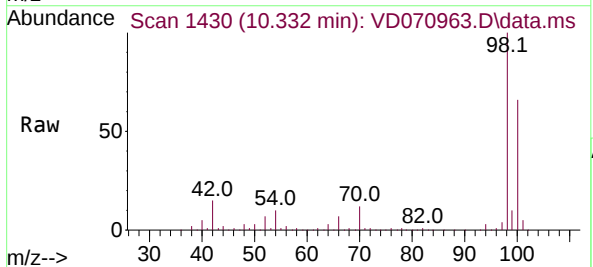
Manual Integrations
APPROVED

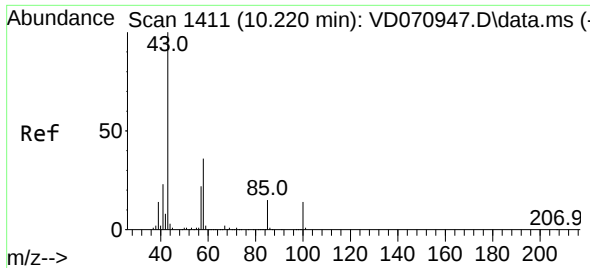
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#50
Toluene-d8
Concen: 50.435 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

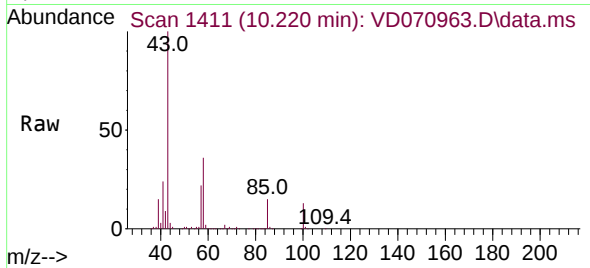
Tgt Ion: 98 Resp: 670814
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 275.584 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

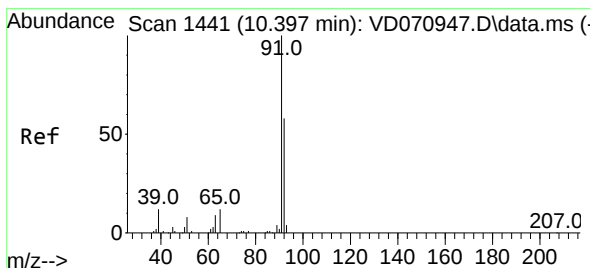
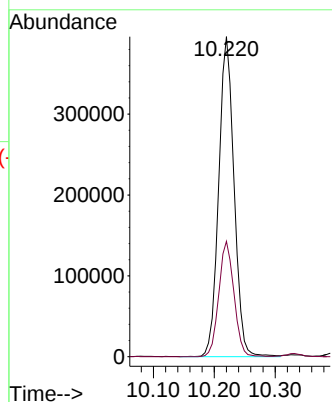
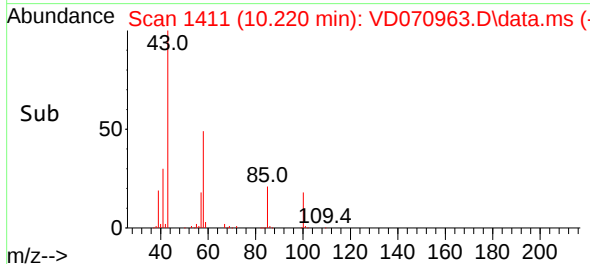
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 693250
Ion Ratio Lower Upper
43 100
58 35.7 33.1 49.7

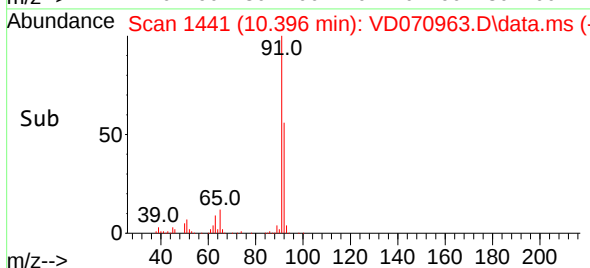
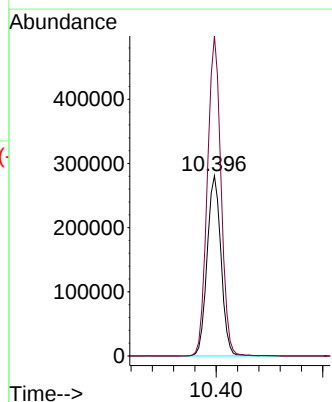
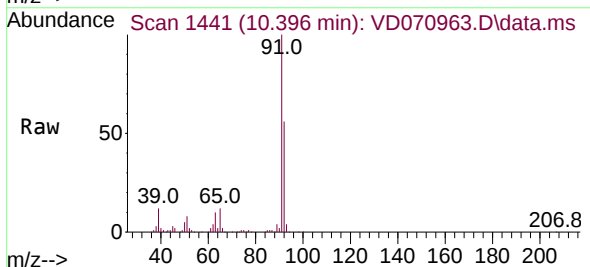
Manual Integrations
APPROVED

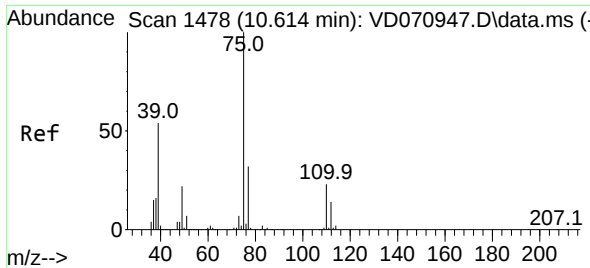
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#52
Toluene
Concen: 53.145 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

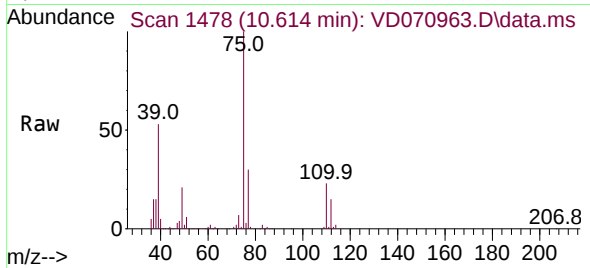
Tgt Ion: 92 Resp: 506993
Ion Ratio Lower Upper
92 100
91 174.8 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 54.242 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

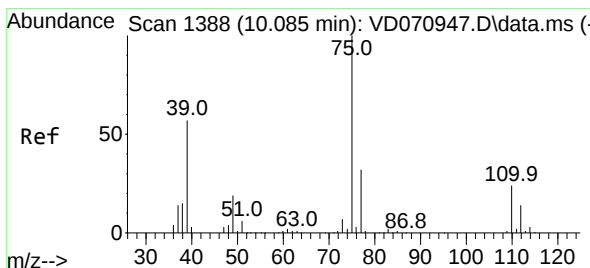
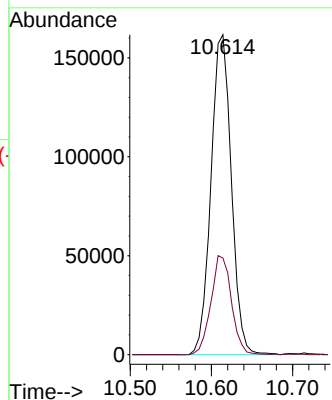
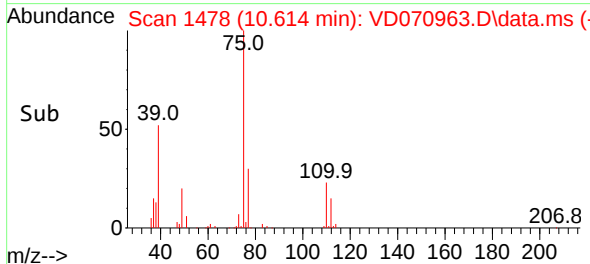
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 281852
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7

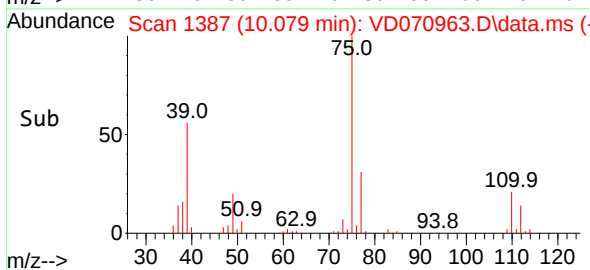
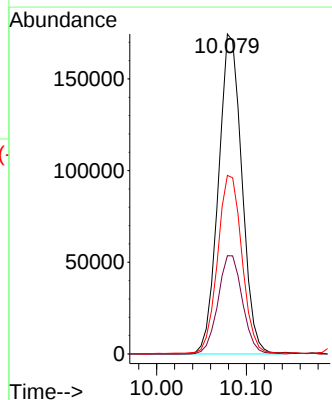
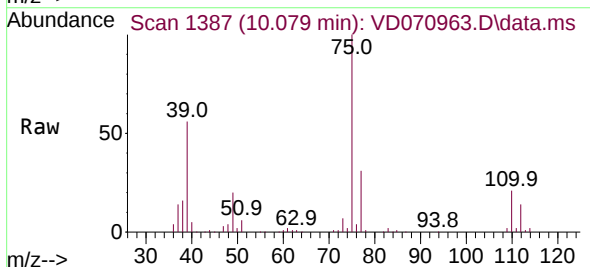
Manual Integrations
APPROVED

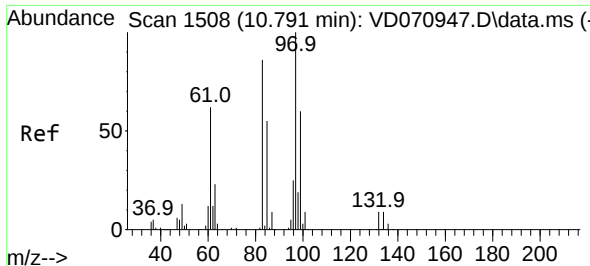
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#54
cis-1,3-Dichloropropene
Concen: 51.776 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

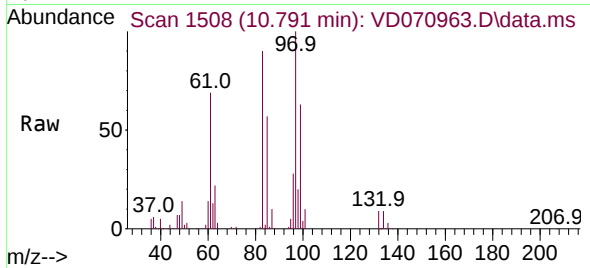
Tgt Ion: 75 Resp: 317255
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 55.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 53.061 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

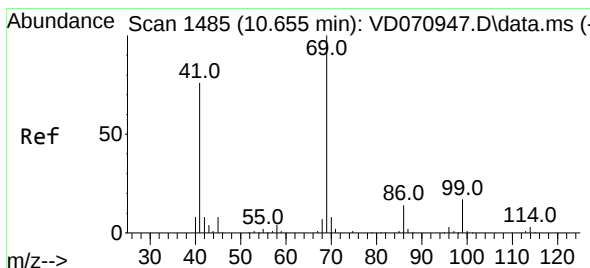
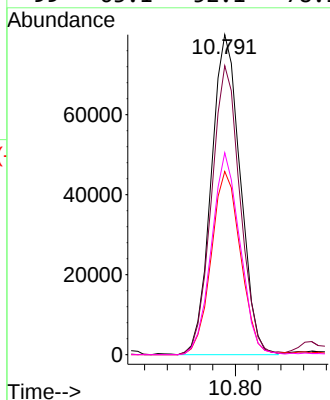
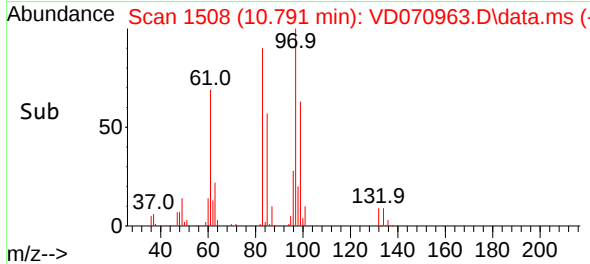
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



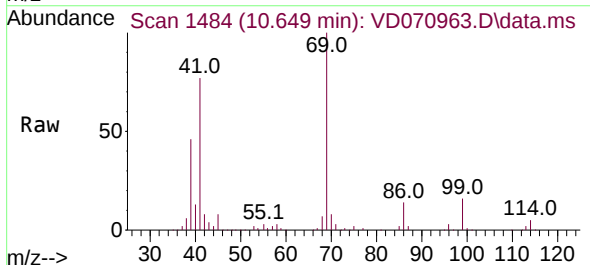
Tgt Ion: 97 Resp: 142070
Ion Ratio Lower Upper
97 100
83 90.3 65.2 97.8
85 57.3 43.4 65.0
99 63.1 52.1 78.1

Manual Integrations
APPROVED

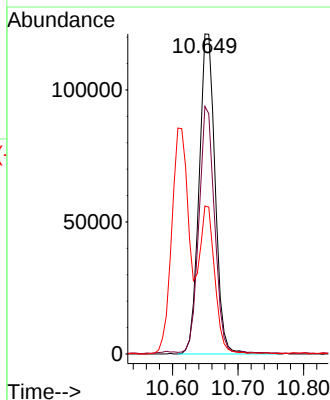
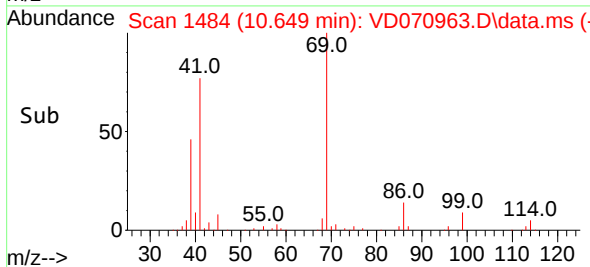
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

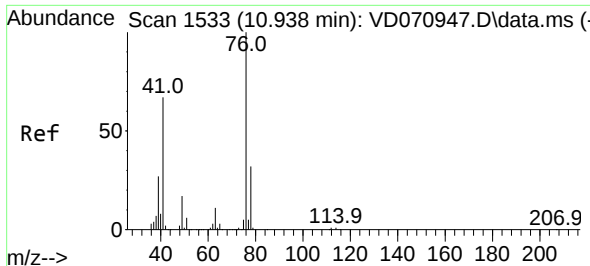


#56
Ethyl methacrylate
Concen: 54.418 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion: 69 Resp: 206154
Ion Ratio Lower Upper
69 100
41 76.4 50.2 75.2#
39 45.1 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 53.568 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD070963.D

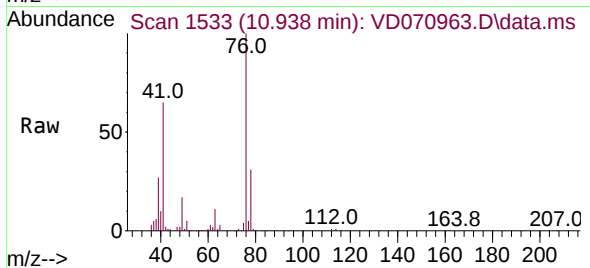
Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 260459

Ion Ratio Lower Upper

76 100

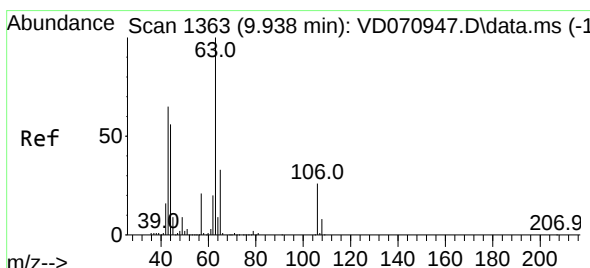
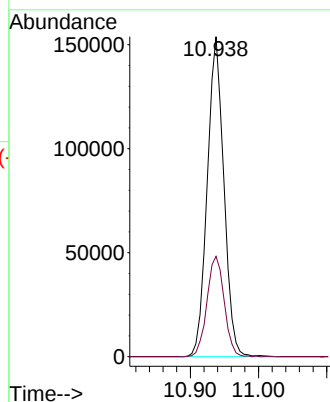
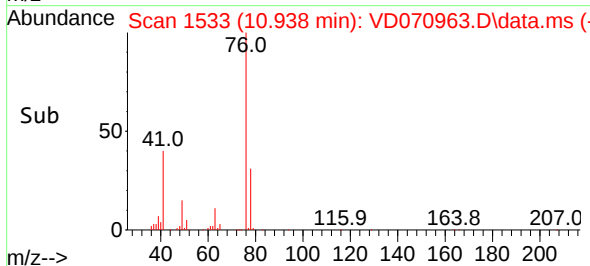
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 271.673 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD070963.D

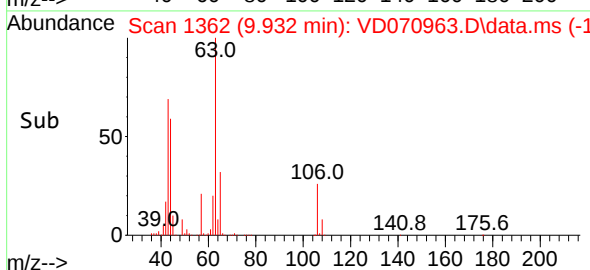
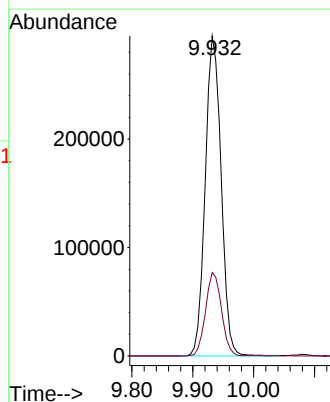
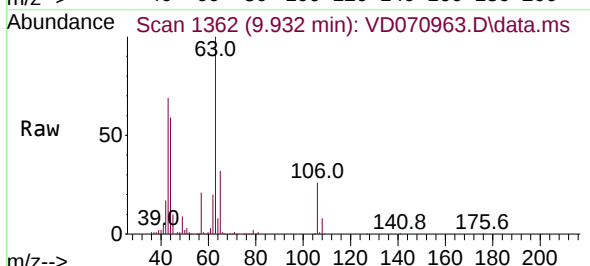
Acq: 10 Nov 2021 10:19

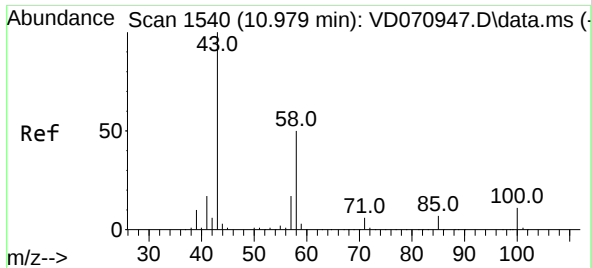
Tgt Ion: 63 Resp: 535050

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.4





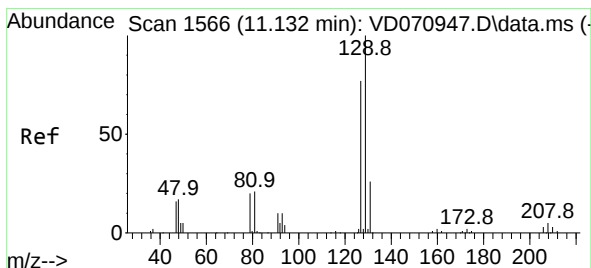
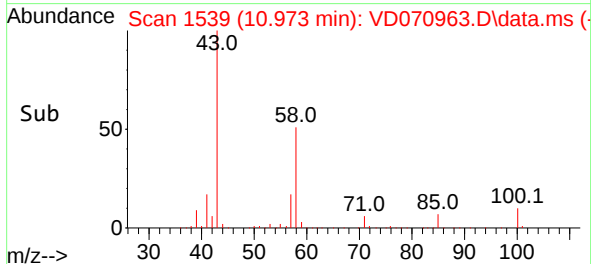
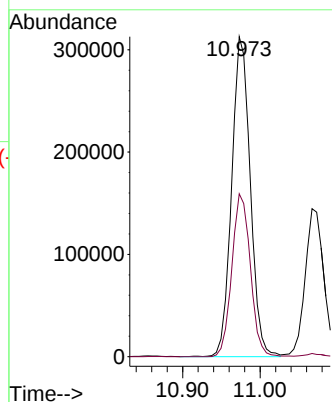
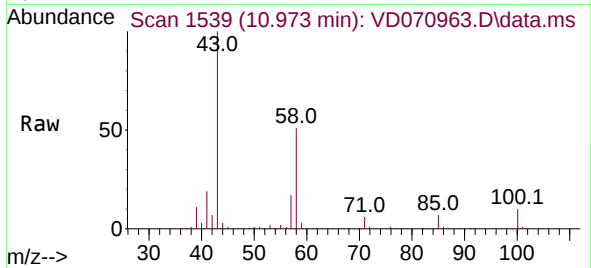
#59
2-Hexanone
Concen: 264.541 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 52234
Ion Ratio Lower Upper
43 100
58 50.8 28.7 86.1

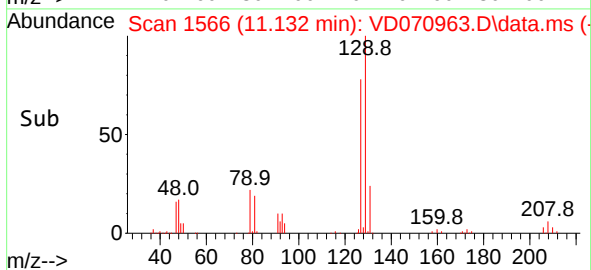
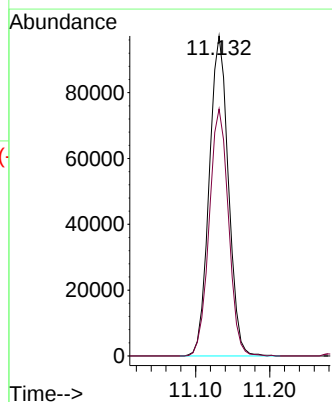
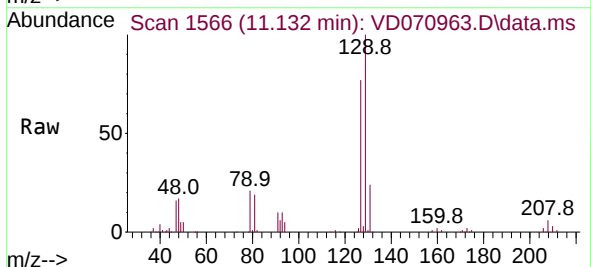
Manual Integrations
APPROVED

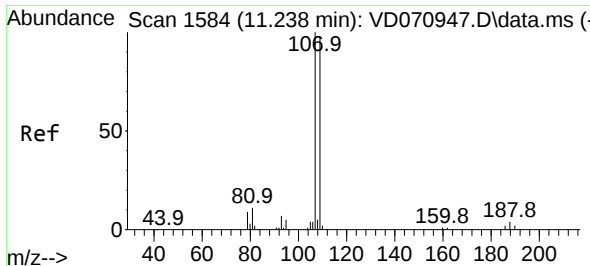
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 54.442 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

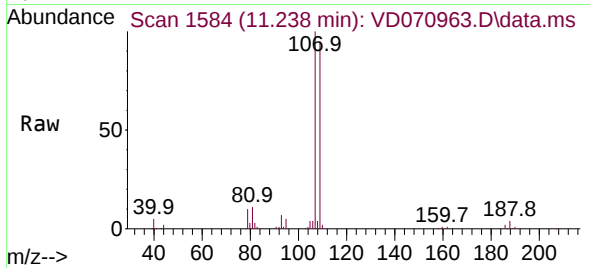
Tgt Ion:129 Resp: 174871
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 53.049 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

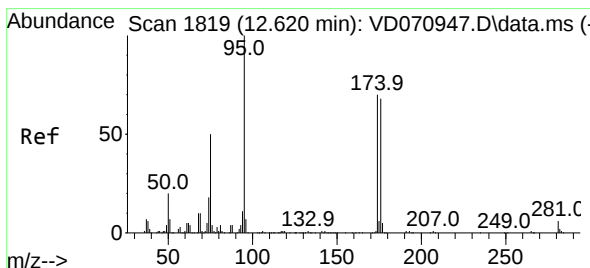
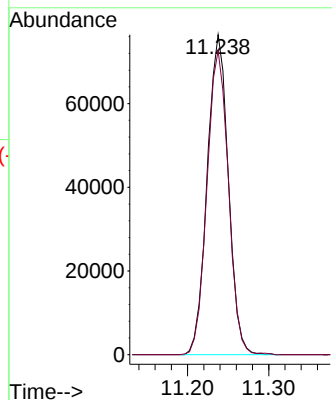
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 13816
Ion Ratio Lower Upper
107 100
109 96.1 74.6 112.0

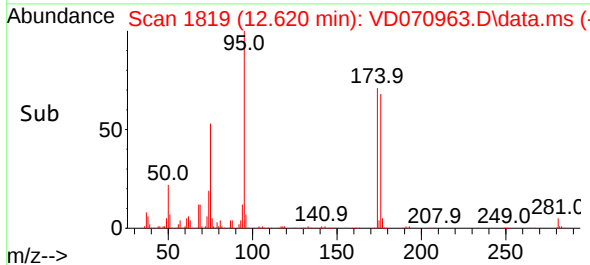
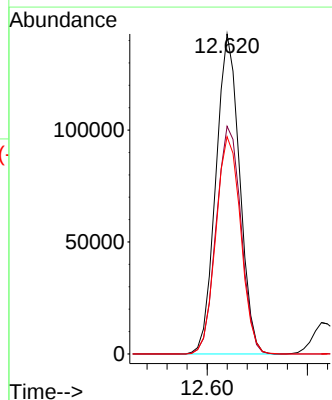
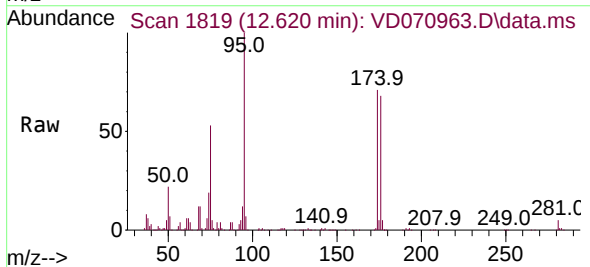
Manual Integrations
APPROVED

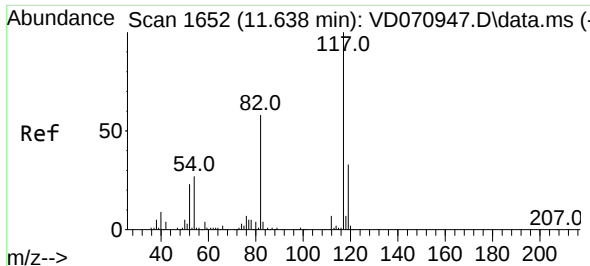
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#62
4-Bromofluorobenzene
Concen: 48.964 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

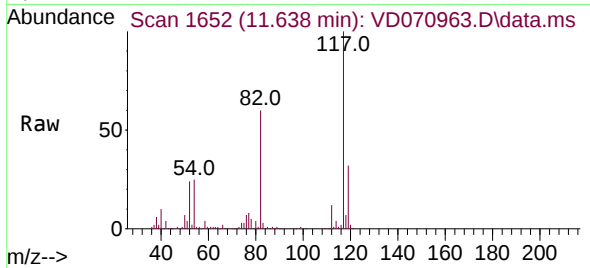
Tgt Ion: 95 Resp: 234492
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.4
176 71.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

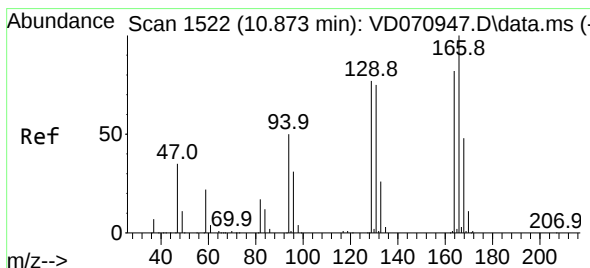
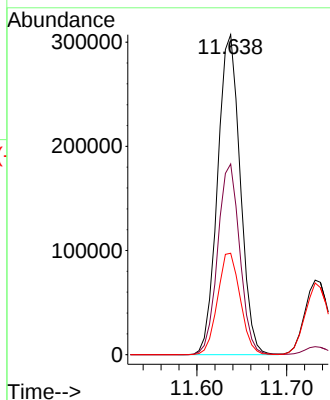
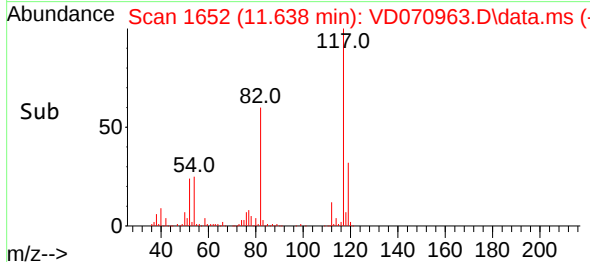
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 53835
Ion Ratio Lower Upper
117 100
82 59.6 44.7 67.1
119 31.7 26.2 39.4

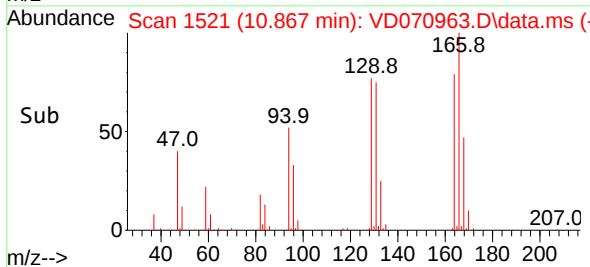
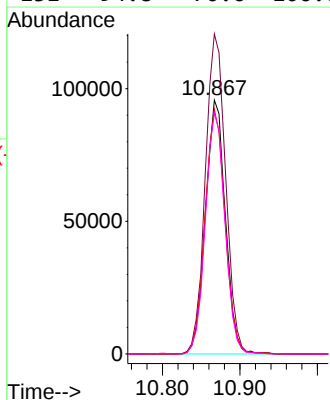
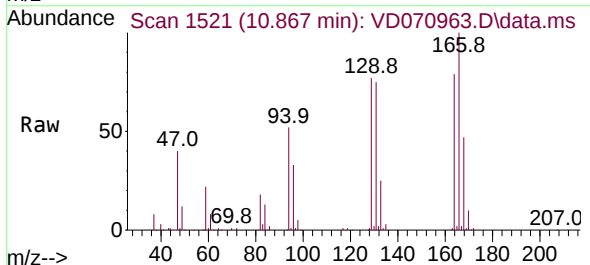
Manual Integrations
APPROVED

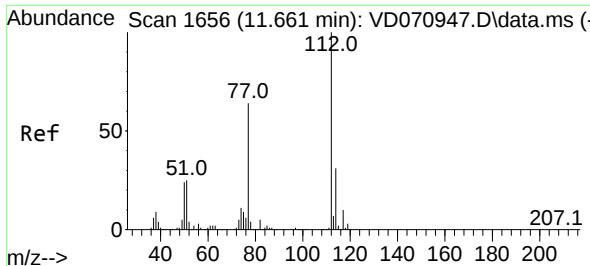
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 54.252 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

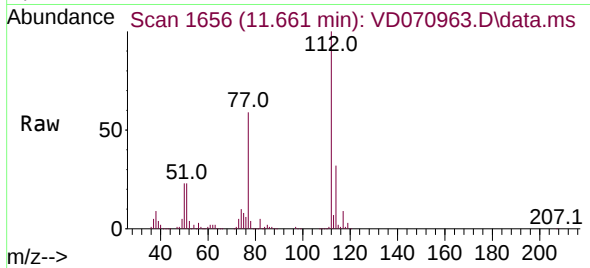
Tgt Ion:164 Resp: 170310
Ion Ratio Lower Upper
164 100
166 126.0 102.6 153.8
129 96.4 75.4 113.0
131 94.8 70.6 106.0





#65
Chlorobenzene
Concen: 54.093 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

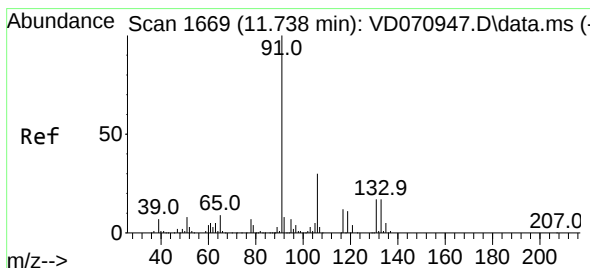
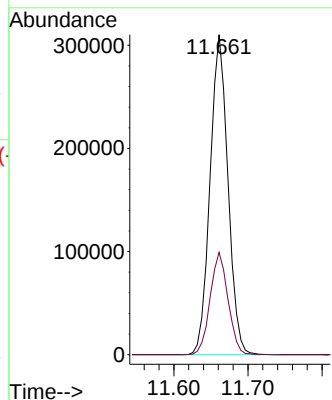
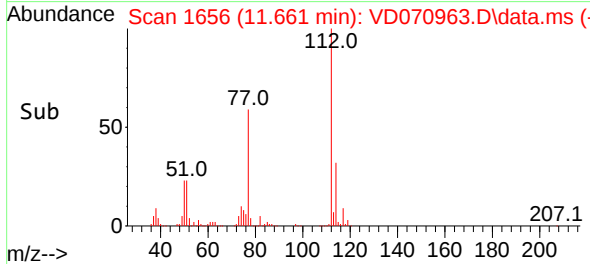
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



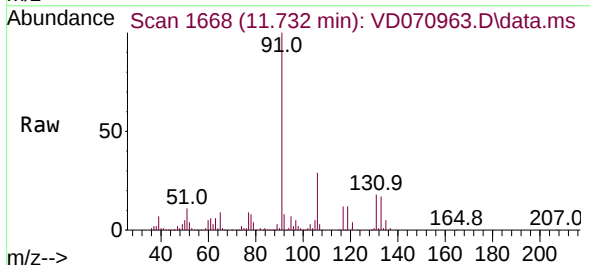
Tgt Ion:112 Resp: 51958
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

Manual Integrations
APPROVED

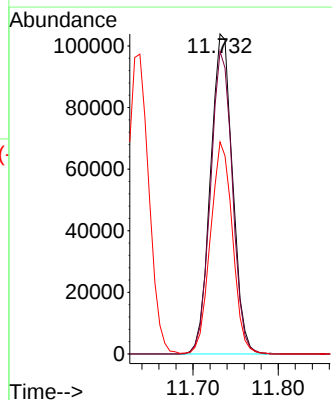
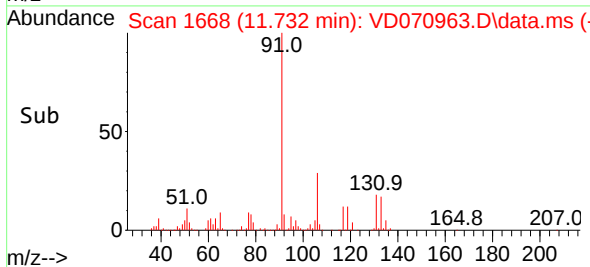
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

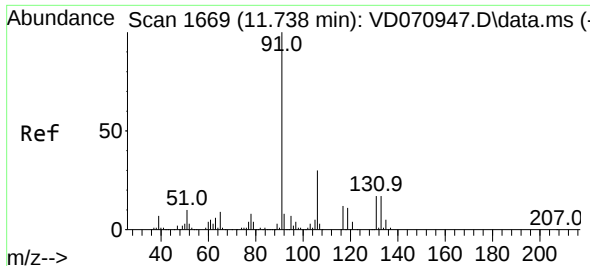


#66
1,1,1,2-Tetrachloroethane
Concen: 54.952 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



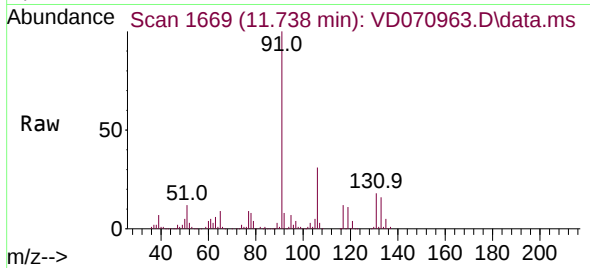
Tgt Ion:131 Resp: 187346
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.0
119 66.1 33.5 100.4





#67
Ethyl Benzene
Concen: 54.954 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

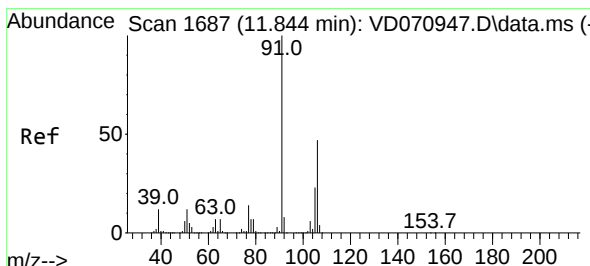
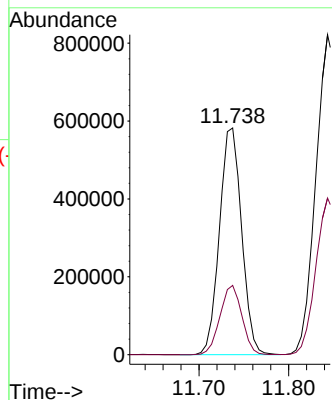
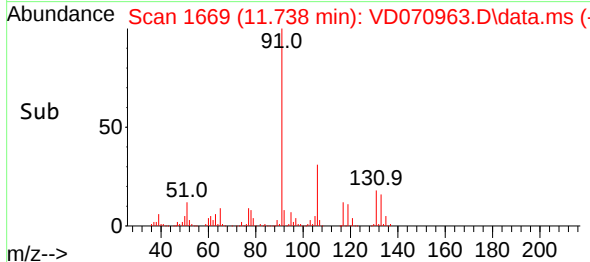
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



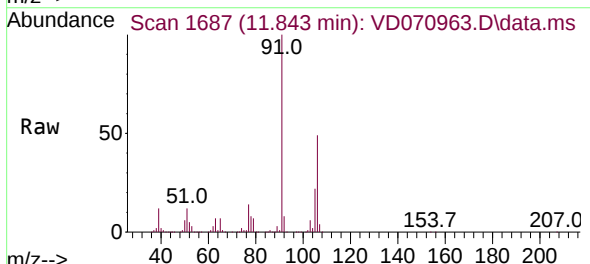
Tgt Ion: 91 Resp: 99964
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8

Manual Integrations
APPROVED

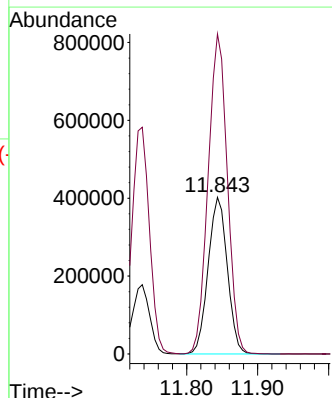
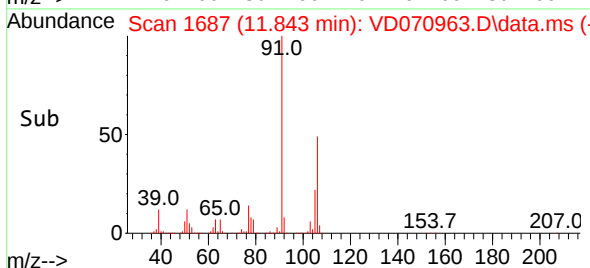
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

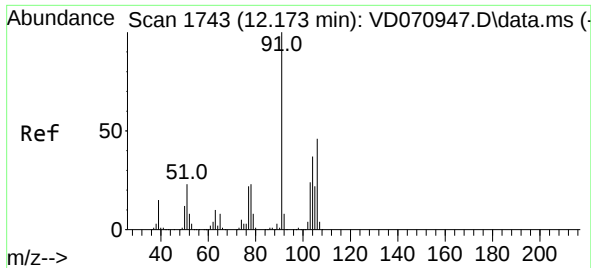


#68
m/p-Xylenes
Concen: 110.951 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion:106 Resp: 754315
Ion Ratio Lower Upper
106 100
91 204.8 160.1 240.1





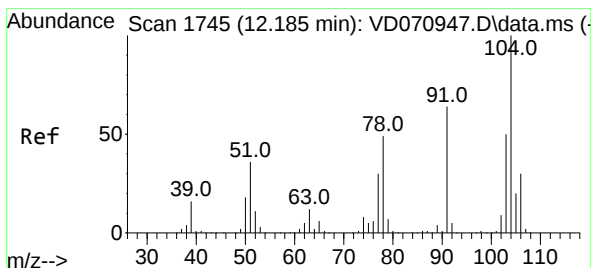
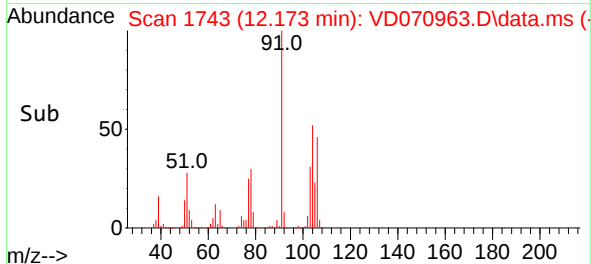
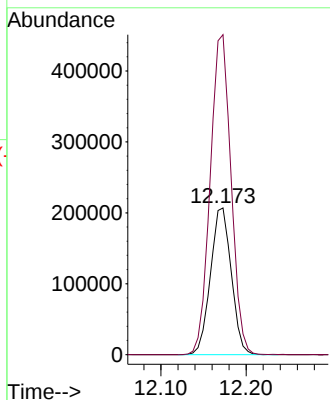
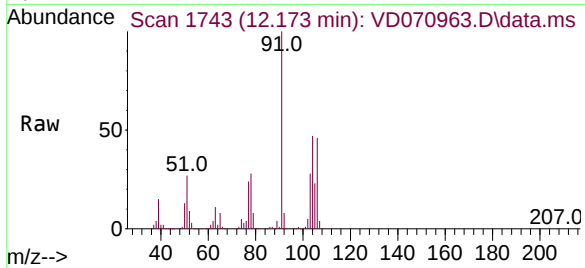
#69
o-Xylene
Concen: 54.275 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 35098
Ion Ratio Lower Upper
106 100
91 218.7 106.3 319.0

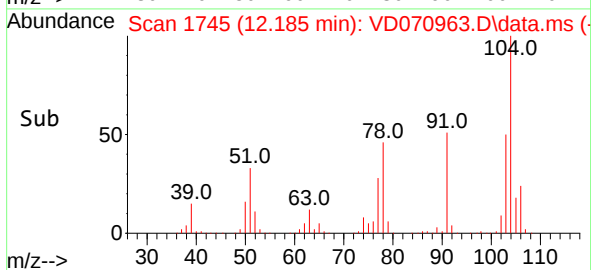
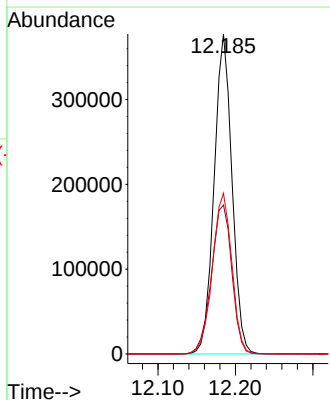
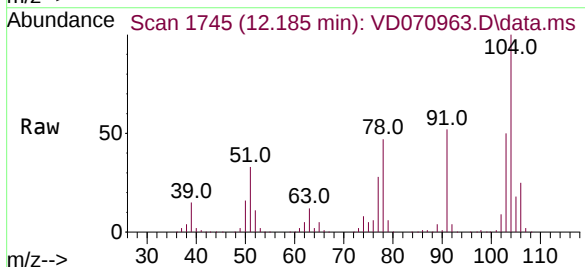
Manual Integrations
APPROVED

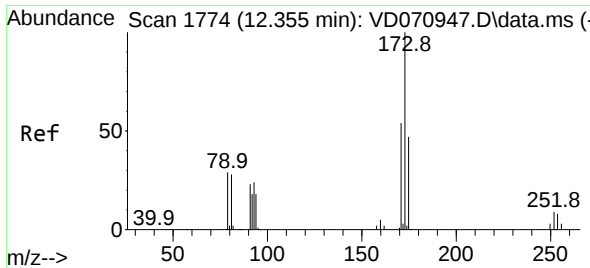
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 55.220 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

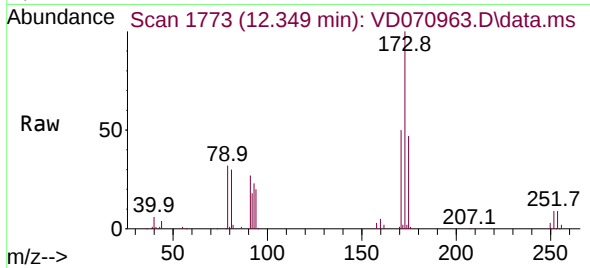
Tgt Ion:104 Resp: 604631
Ion Ratio Lower Upper
104 100
78 53.1 39.4 59.0
103 54.7 43.4 65.0





#71
Bromoform
Concen: 54.845 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

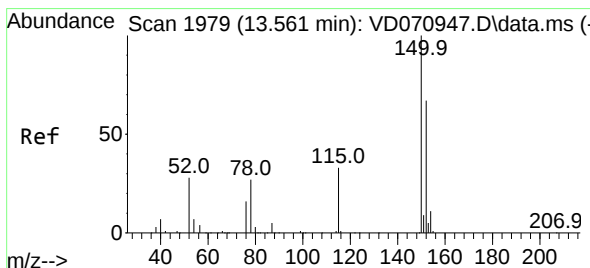
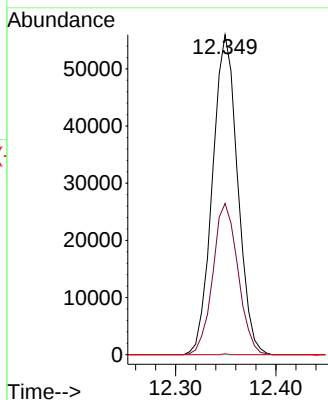
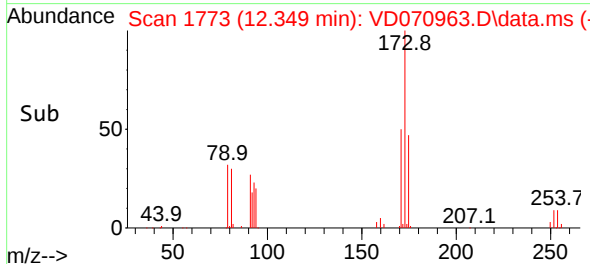
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



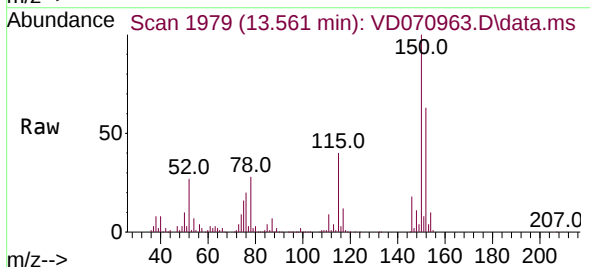
Tgt Ion:173 Resp: 97508
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

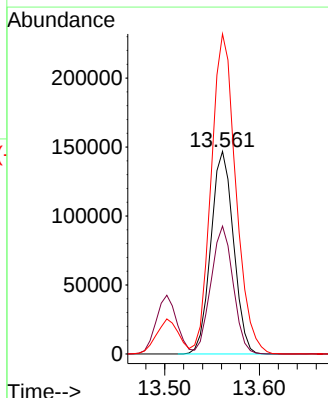
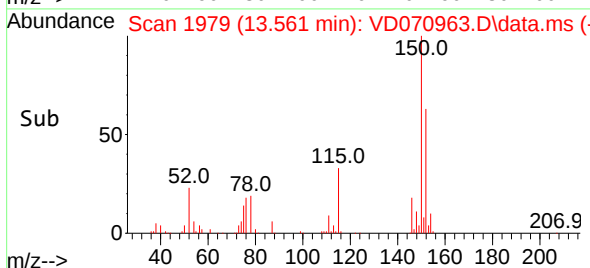
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

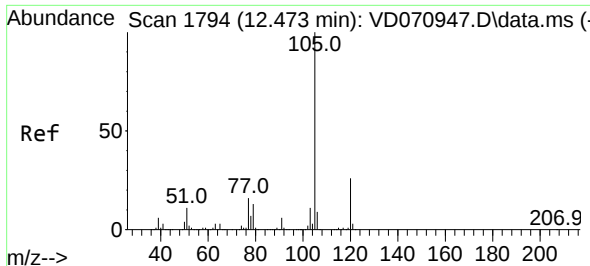


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion:152 Resp: 244094
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 172.2 0.0 349.2





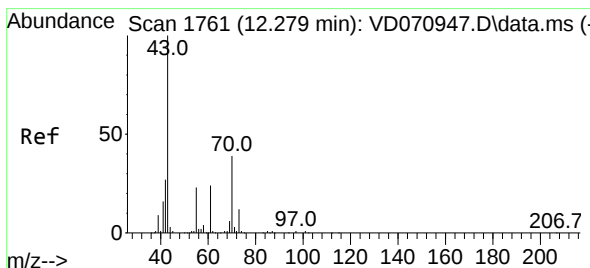
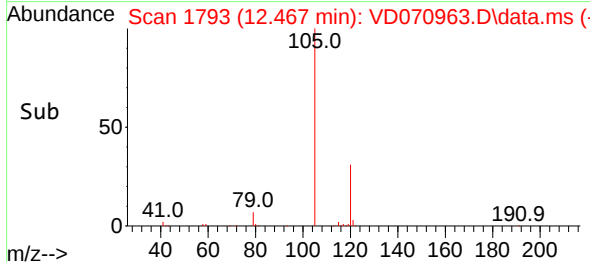
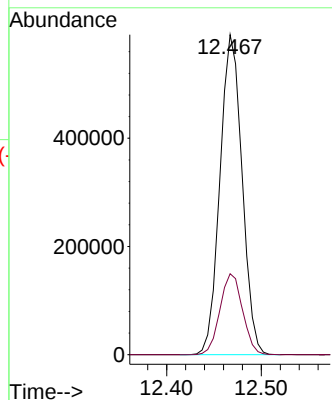
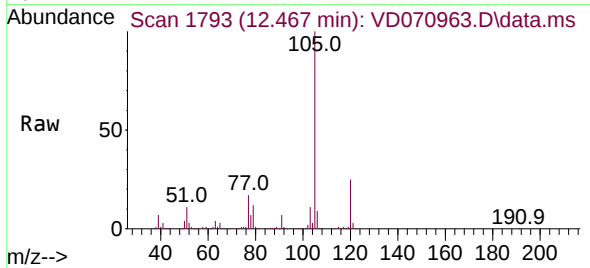
#73
Isopropylbenzene
Concen: 54.588 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 95992
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

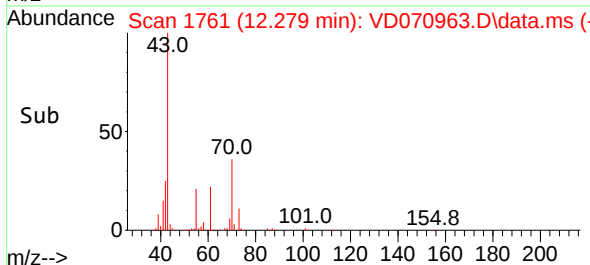
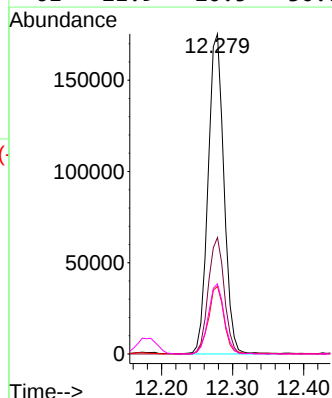
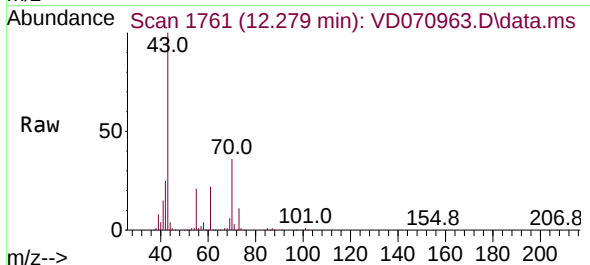
Manual Integrations
APPROVED

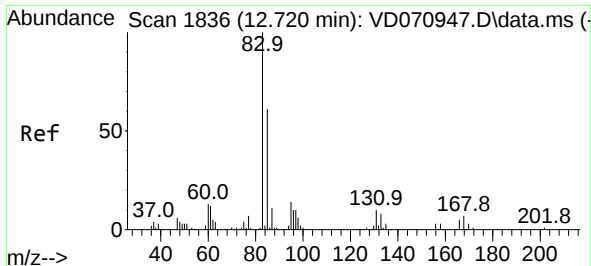
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 54.191 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

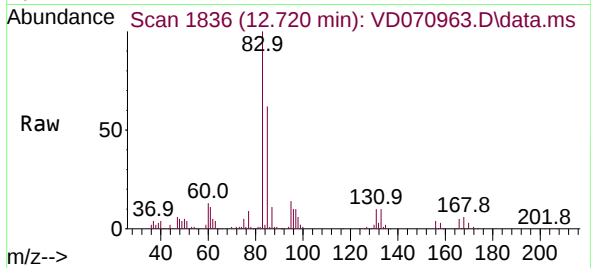
Tgt Ion: 43 Resp: 272246
Ion Ratio Lower Upper
43 100
70 36.6 36.6 55.0#
55 20.9 22.5 33.7#
61 21.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.880 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

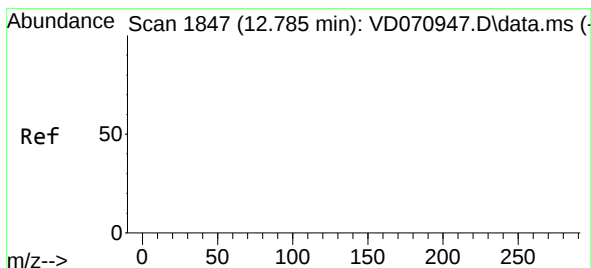
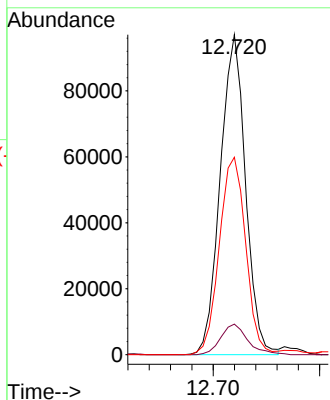
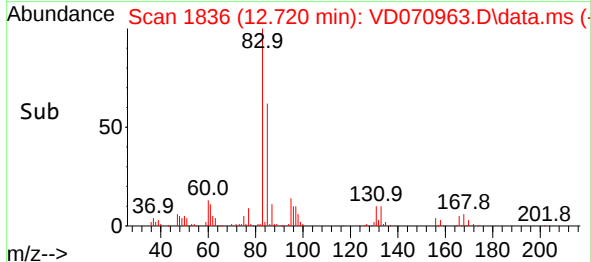
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16005
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.4 32.0 96.2

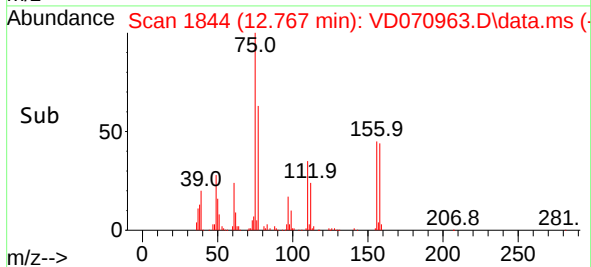
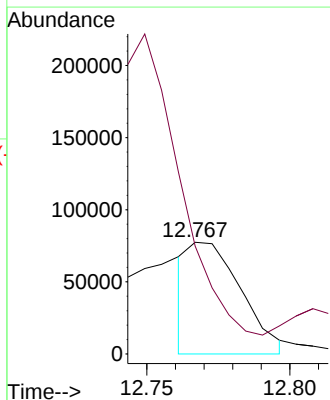
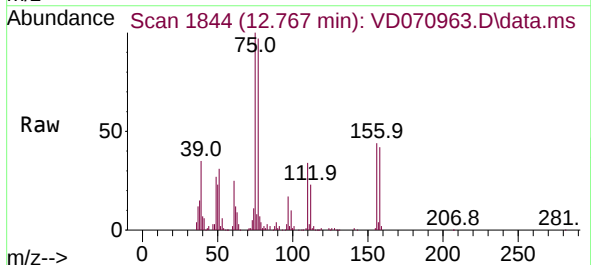
Manual Integrations
APPROVED

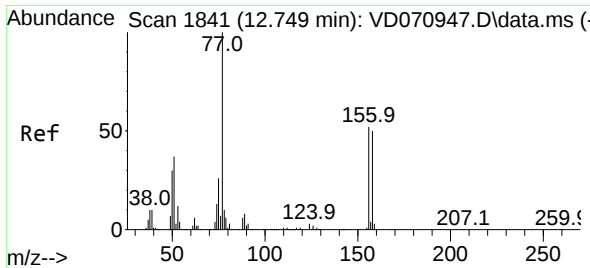
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 47.380 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.018 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

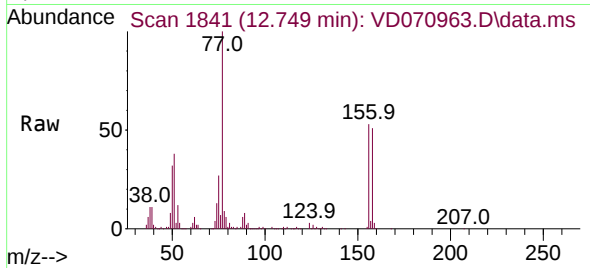
Tgt Ion: 75 Resp: 98789
Ion Ratio Lower Upper
75 100
77 415.3 158.4 475.3





#77
Bromobenzene
Concen: 53.663 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

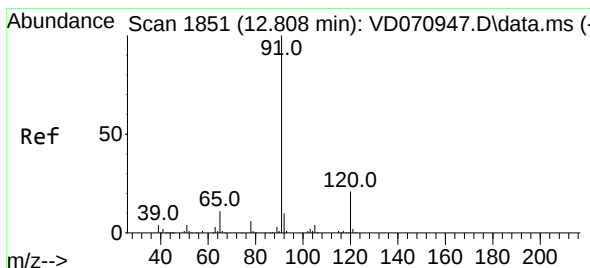
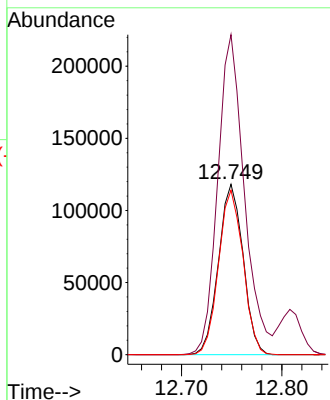
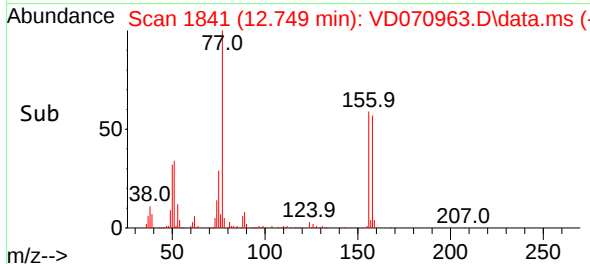
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



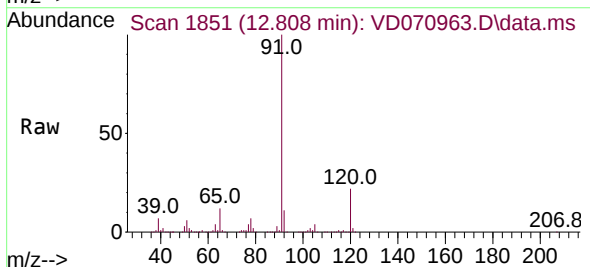
Tgt Ion:156 Resp: 201620
Ion Ratio Lower Upper
156 100
77 203.5 96.6 289.8
158 95.9 49.1 147.4

Manual Integrations
APPROVED

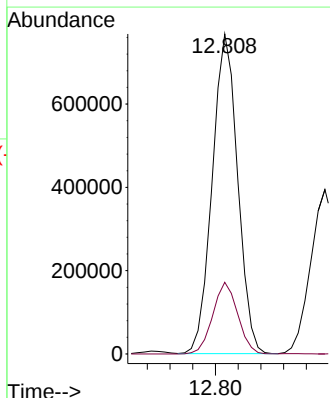
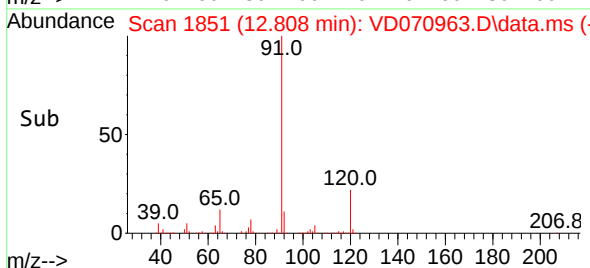
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

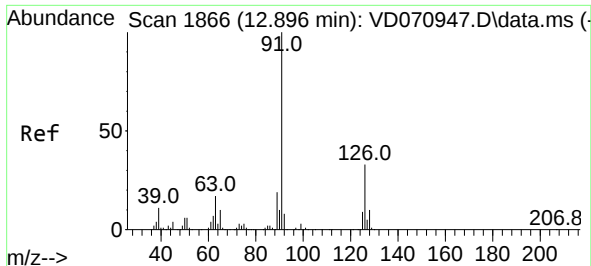


#78
n-propylbenzene
Concen: 54.757 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion: 91 Resp: 1193103
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





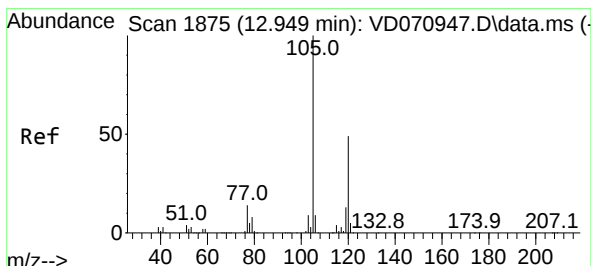
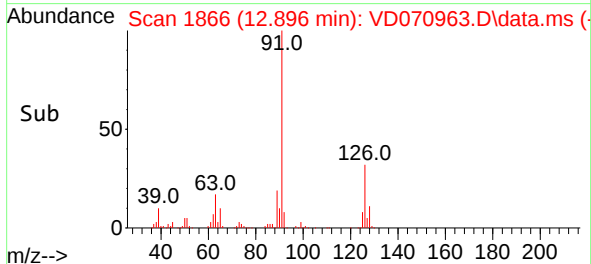
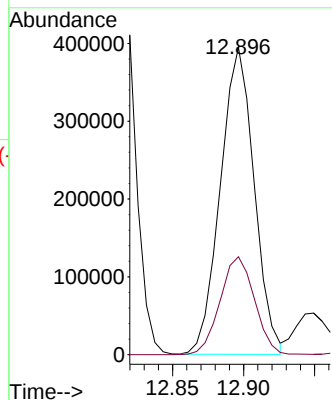
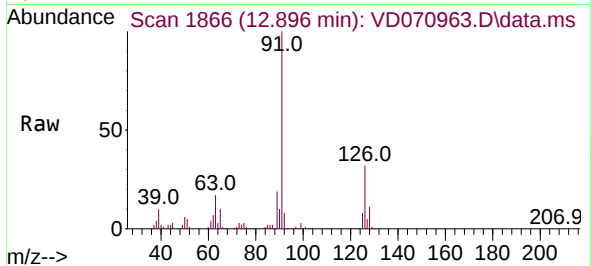
#79
2-Chlorotoluene
Concen: 52.449 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 651618
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

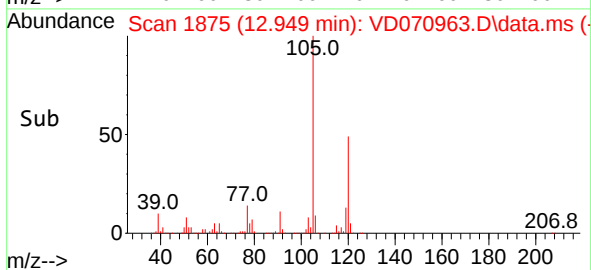
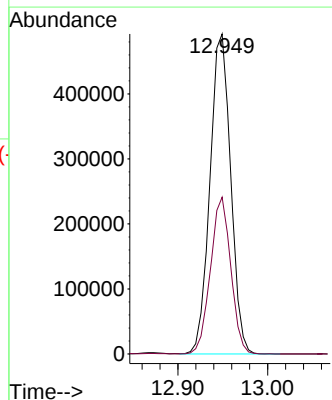
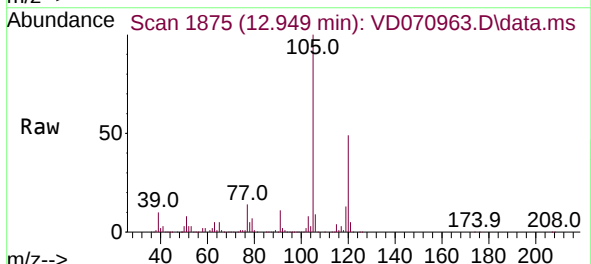
Manual Integrations
APPROVED

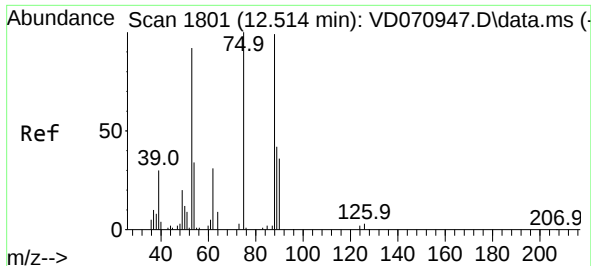
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.517 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

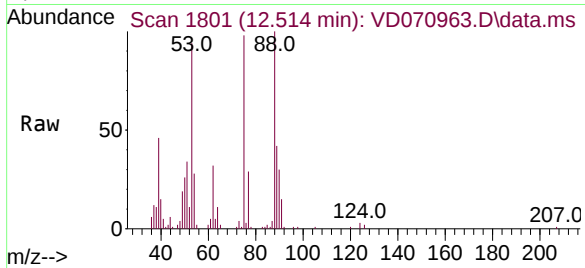
Tgt Ion:105 Resp: 789331
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.331 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

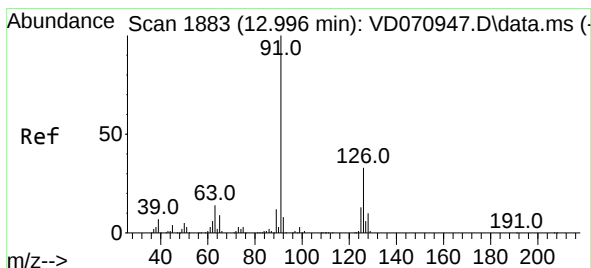
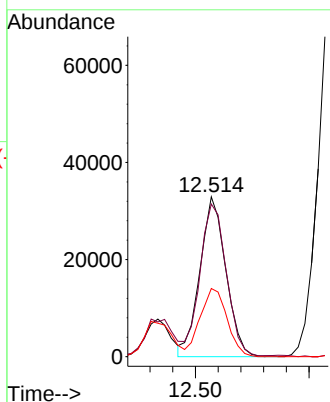
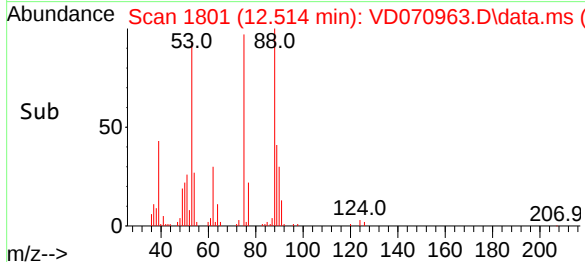
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



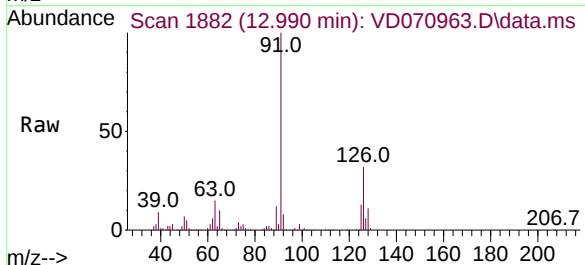
Tgt Ion: 75 Resp: 52184
Ion Ratio Lower Upper
75 100
53 95.2 62.6 94.0
89 44.1 34.5 51.7

Manual Integrations
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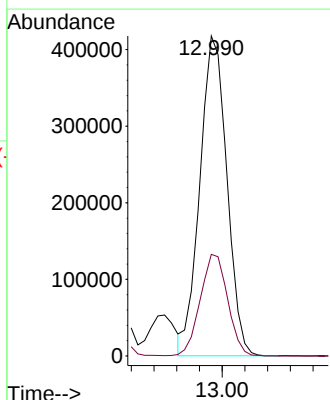
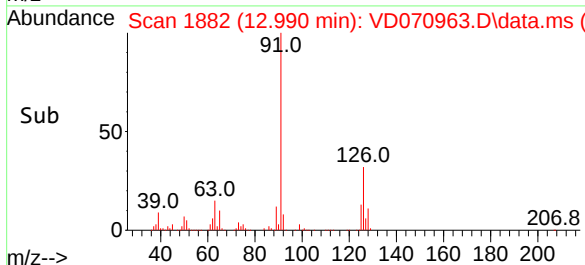
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

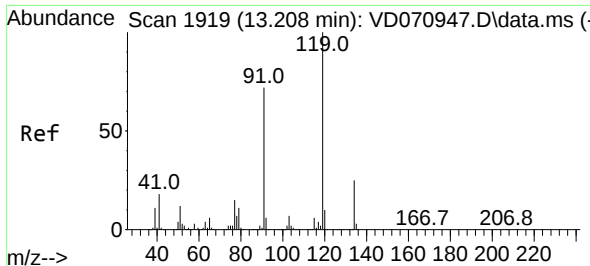


#82
4-Chlorotoluene
Concen: 53.713 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



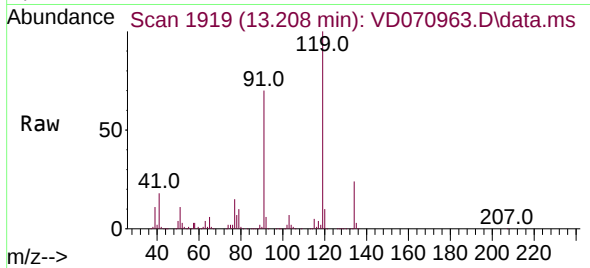
Tgt Ion: 91 Resp: 688717
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.1





#83
tert-Butylbenzene
Concen: 55.207 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

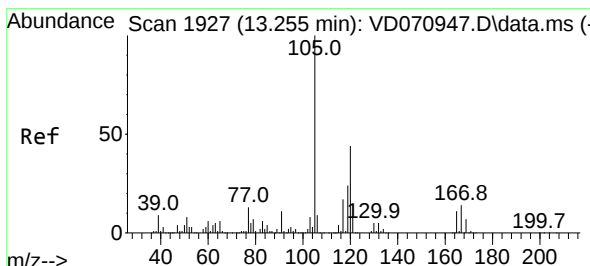
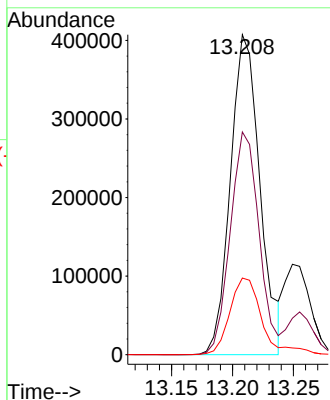
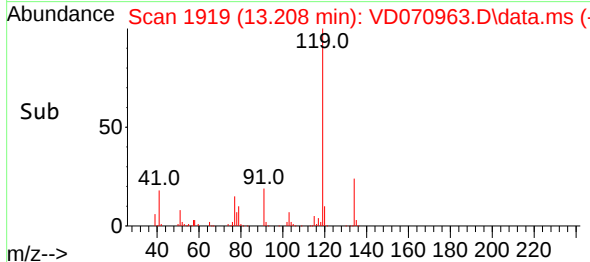
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



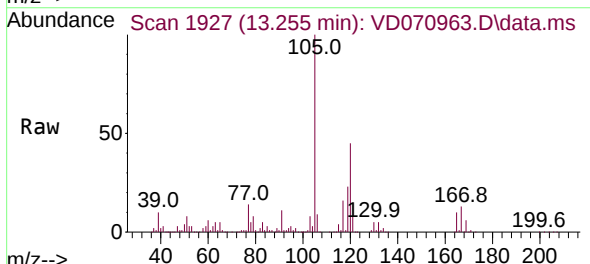
Tgt Ion:119 Resp: 688552
Ion Ratio Lower Upper
119 100
91 67.8 32.5 97.5
134 26.1 13.2 39.6

Manual Integrations
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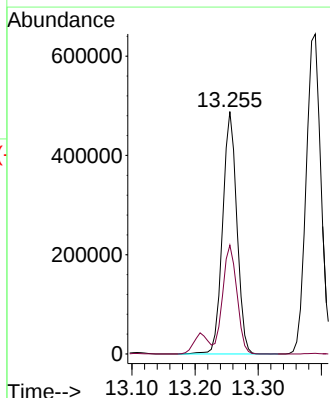
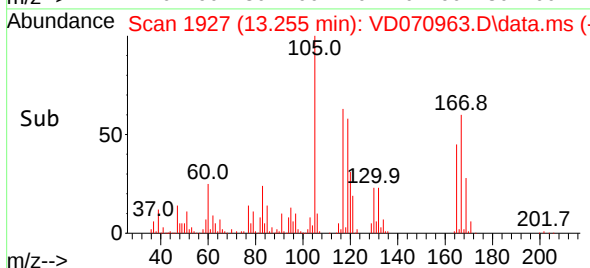
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

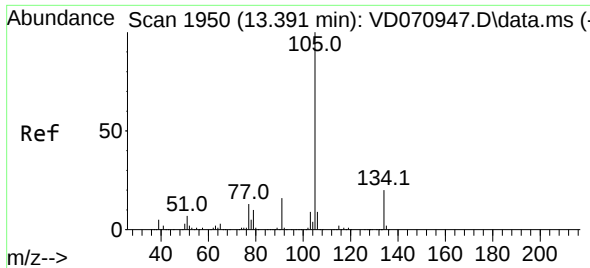


#84
1,2,4-Trimethylbenzene
Concen: 53.900 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion:105 Resp: 764277
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7





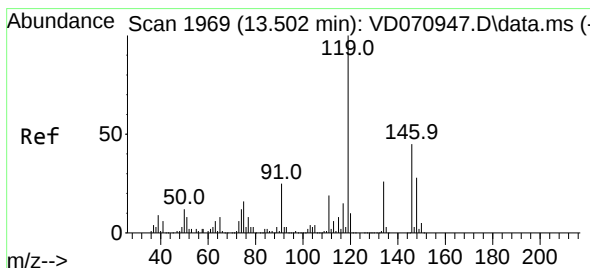
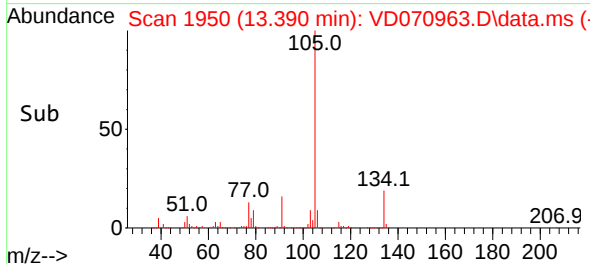
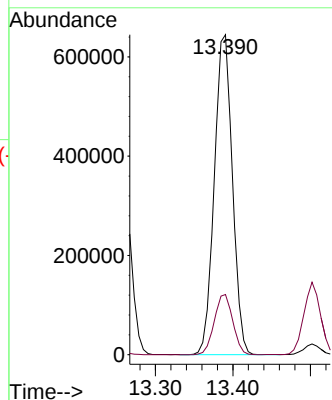
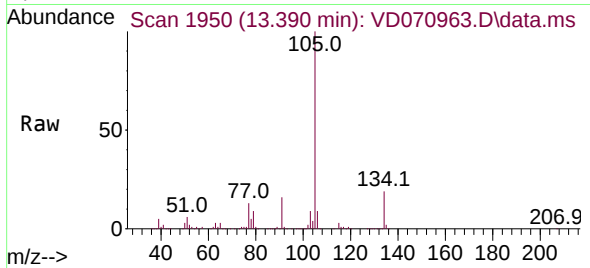
#85
 sec-Butylbenzene
 Concen: 55.706 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD070963.D
 Acq: 10 Nov 2021 10:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1044528
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

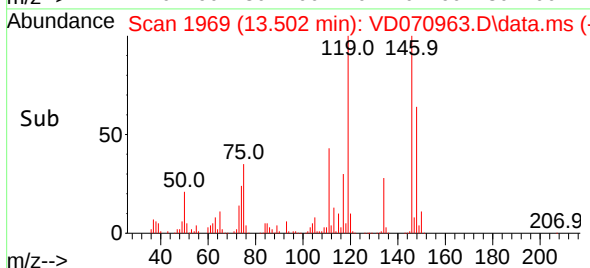
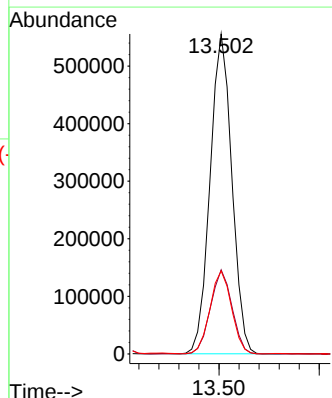
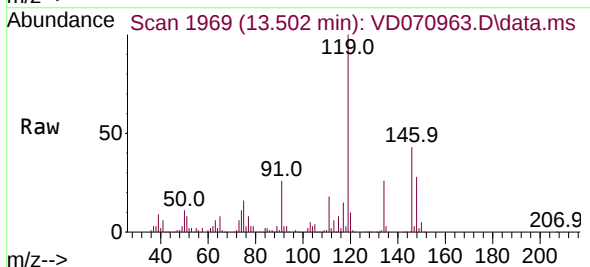
Manual Integrations
 APPROVED

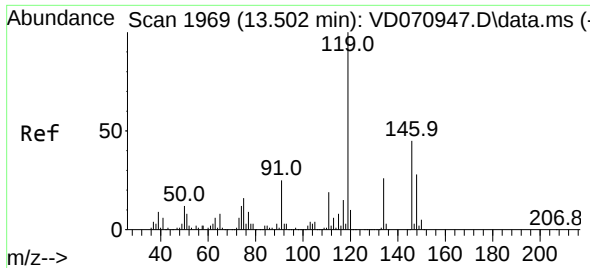
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 55.626 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070963.D
 Acq: 10 Nov 2021 10:19

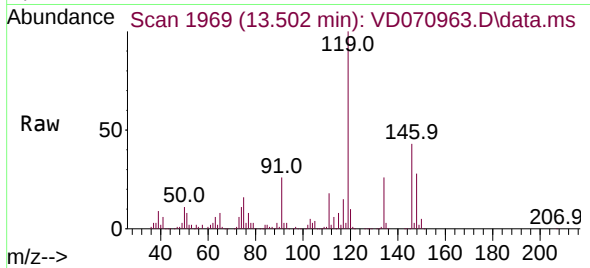
Tgt Ion:119 Resp: 837534
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 25.5 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 54.000 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

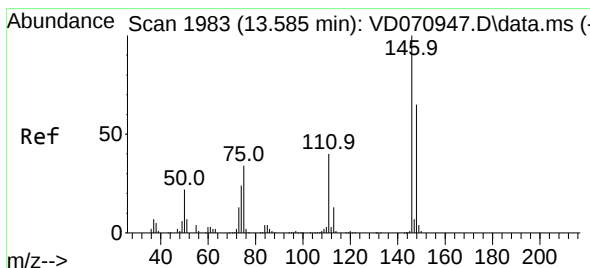
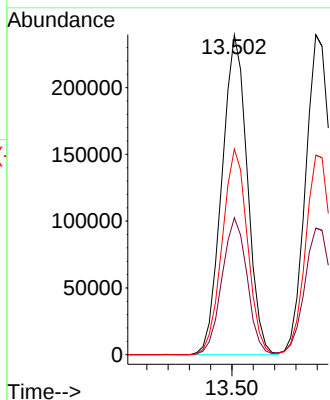
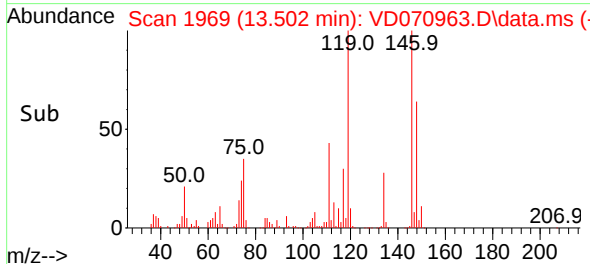
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



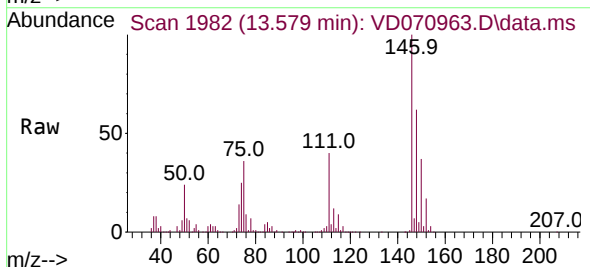
Tgt Ion:146 Resp: 396709
Ion Ratio Lower Upper
146 100
111 42.1 19.8 59.4
148 63.9 32.1 96.3

Manual Integrations
APPROVED

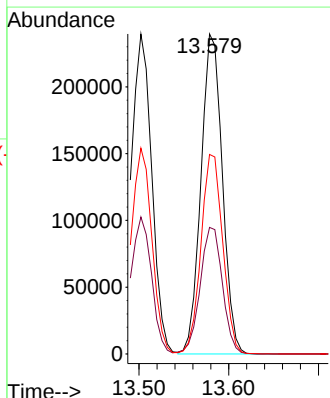
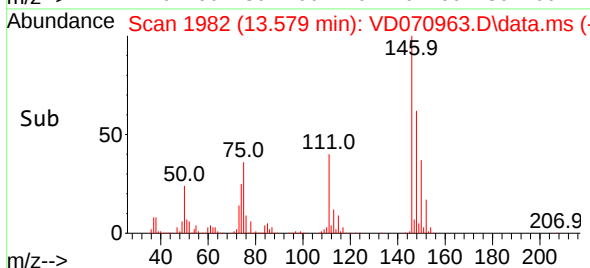
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

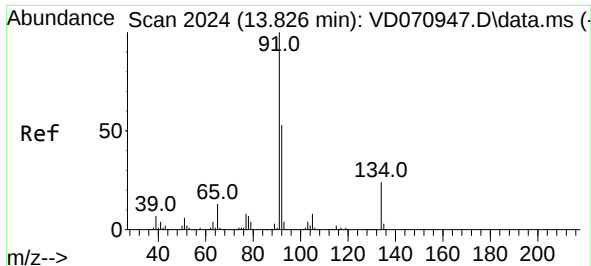


#88
1,4-Dichlorobenzene
Concen: 53.935 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion:146 Resp: 396709
Ion Ratio Lower Upper
146 100
111 41.2 19.6 58.8
148 63.5 31.5 94.5





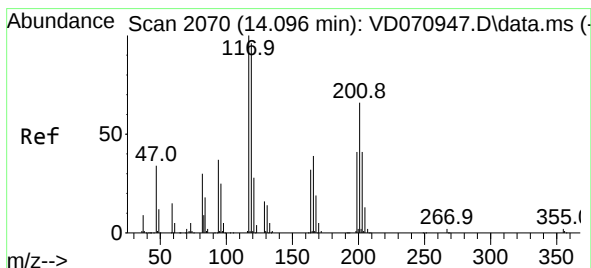
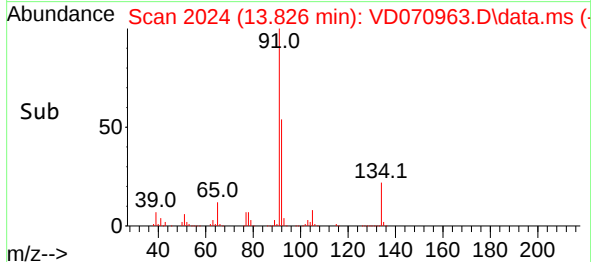
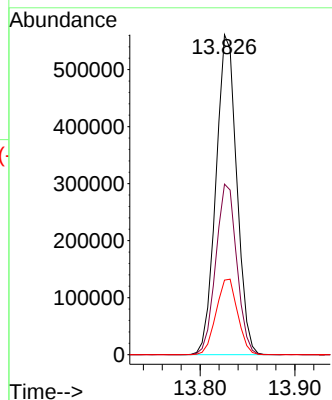
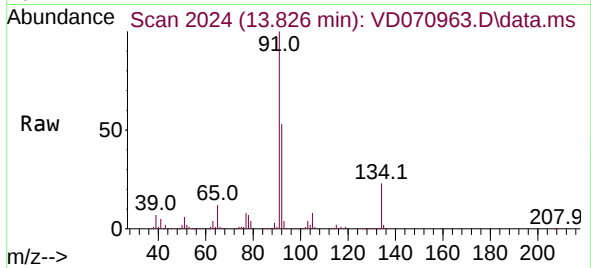
#89
n-Butylbenzene
Concen: 56.607 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 856540
Ion Ratio Lower Upper
91 100
92 53.8 27.3 81.9
134 24.4 12.3 36.9

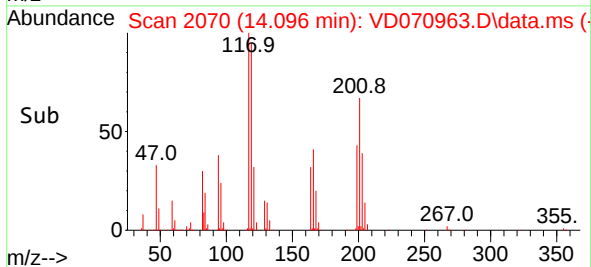
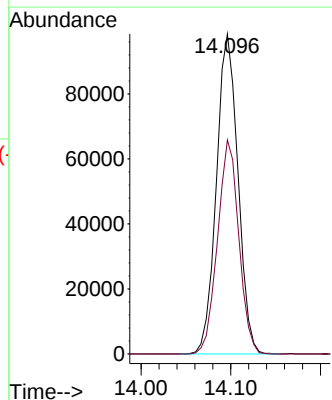
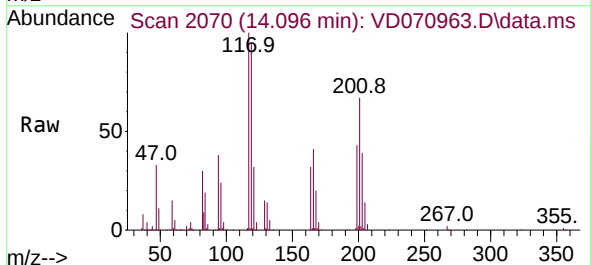
Manual Integrations
APPROVED

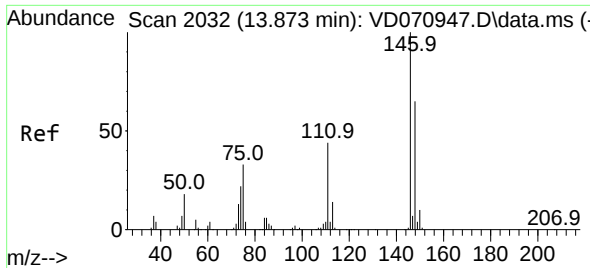
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 55.044 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

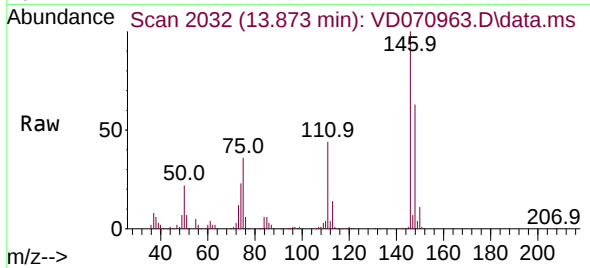
Tgt Ion:117 Resp: 164002
Ion Ratio Lower Upper
117 100
201 66.0 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 54.277 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

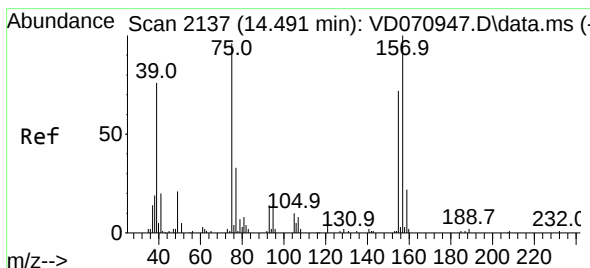
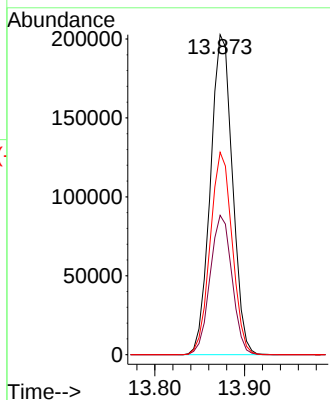
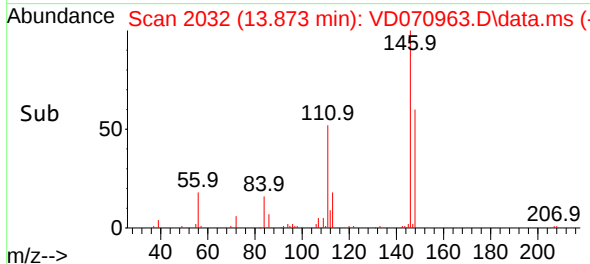
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



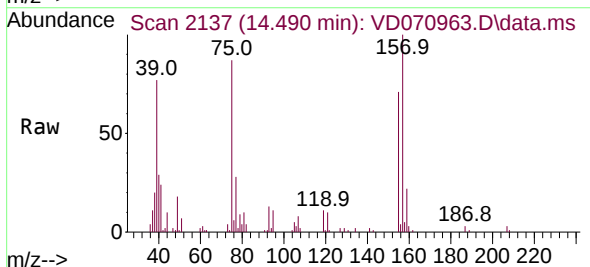
Tgt Ion:146 Resp: 34550
Ion Ratio Lower Upper
146 100
111 43.3 20.8 62.2
148 63.3 31.7 95.1

Manual Integrations
APPROVED

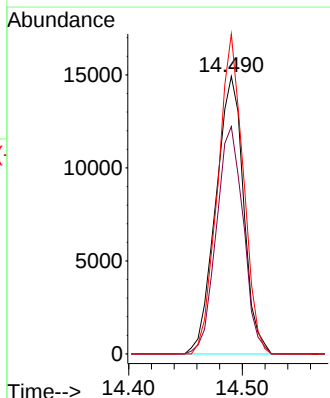
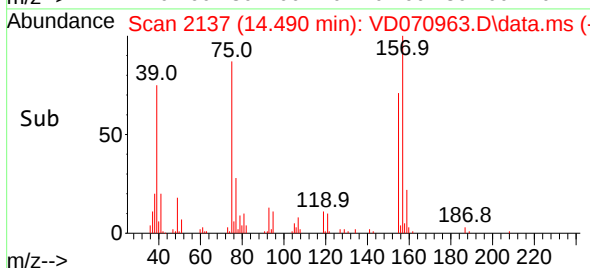
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021

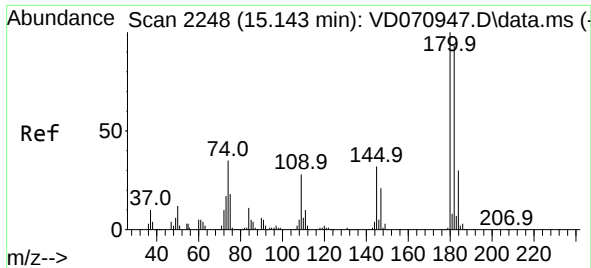


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.986 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion: 75 Resp: 25310
Ion Ratio Lower Upper
75 100
155 79.6 40.0 120.0
157 105.8 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 54.536 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 222108

Ion Ratio Lower Upper

180 100

182 94.5 48.2 144.6

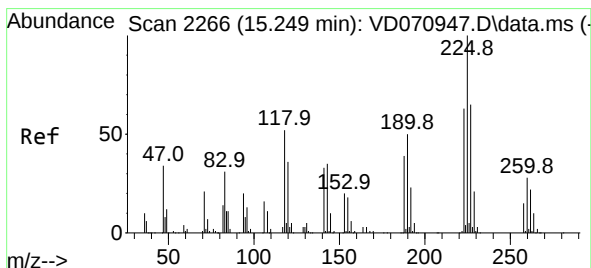
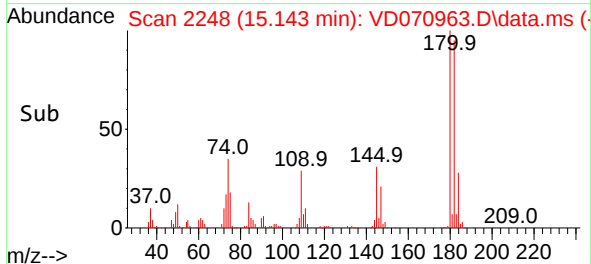
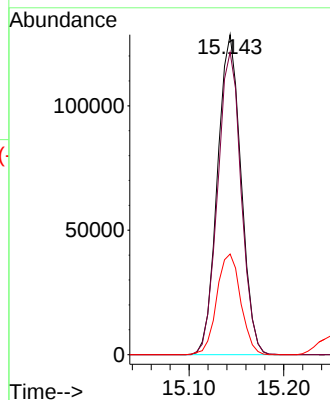
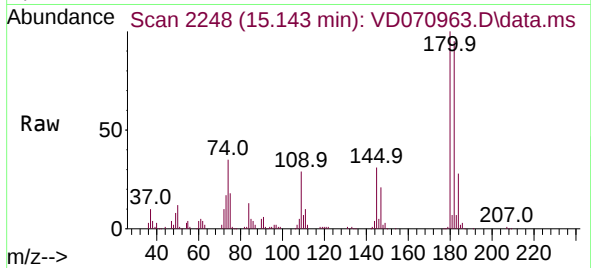
145 32.0 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/16/2021



#94

Hexachlorobutadiene

Concen: 59.130 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD070963.D

Acq: 10 Nov 2021 10:19

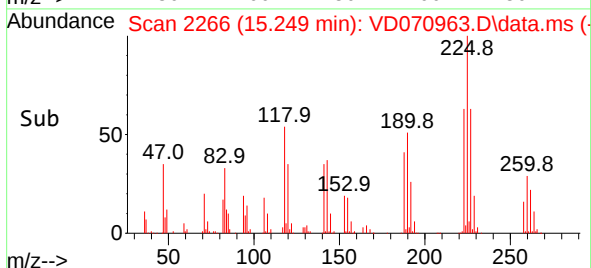
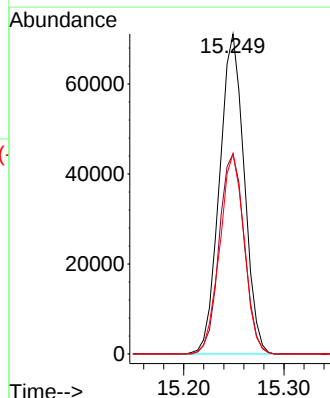
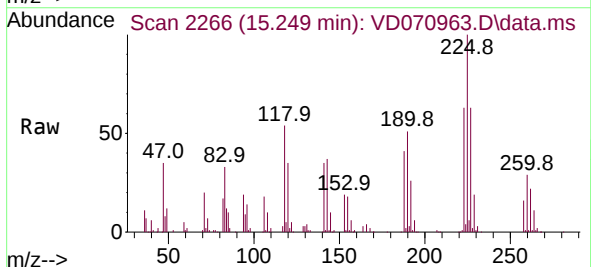
Tgt Ion:225 Resp: 121453

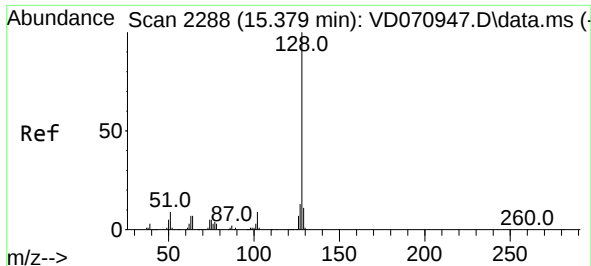
Ion Ratio Lower Upper

225 100

223 63.3 31.8 95.3

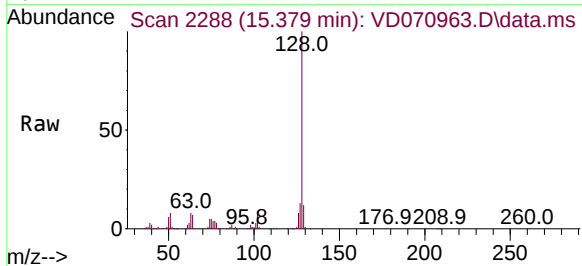
227 61.9 31.6 94.8





#95
Naphthalene
Concen: 54.284 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19

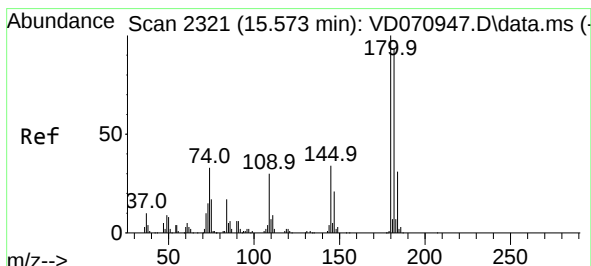
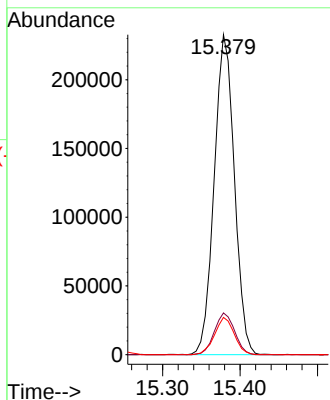
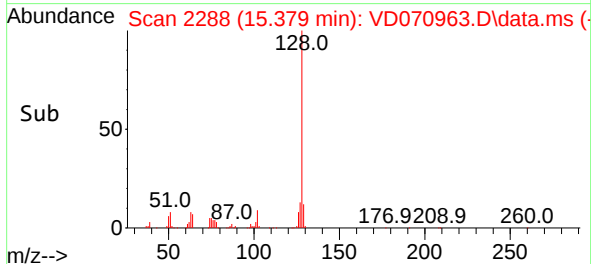
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



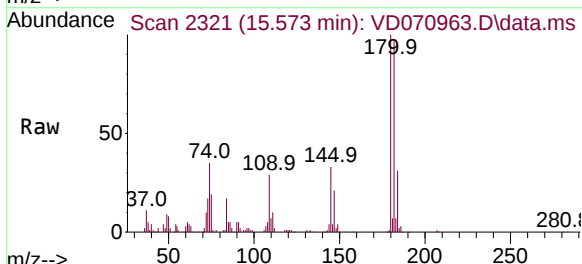
Tgt Ion:128 Resp: 42214
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 55.988 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD070963.D
Acq: 10 Nov 2021 10:19



Tgt Ion:180 Resp: 191722
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.1
145 32.8 15.9 47.6

