

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070961.D
 Acq On : 09 Nov 2021 20:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 03:59:17 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	304595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	573764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191877	59.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.340%			
35) Dibromofluoromethane	7.914	113	175996	54.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.720%			
50) Toluene-d8	10.332	98	664433	52.403	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.620	95	240339	52.644	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	131115	50.383	ug/l	95
3) Chloromethane	2.209	50	186357	60.179	ug/l	99
4) Vinyl Chloride	2.344	62	182970	61.437	ug/l	98
5) Bromomethane	2.762	94	122647	60.419	ug/l	97
6) Chloroethane	2.921	64	123607	64.622	ug/l	92
7) Trichlorofluoromethane	3.268	101	254816	53.164	ug/l	100
8) Diethyl Ether	3.709	74	99566	62.768	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	156560	52.991	ug/l	98
10) Methyl Iodide	4.297	142	186443	52.441	ug/l	98
11) Tert butyl alcohol	5.220	59	74229	313.188	ug/l	99
12) 1,1-Dichloroethene	4.068	96	160687	55.555	ug/l	91
13) Acrolein	3.915	56	17874	246.674	ug/l	93
14) Allyl chloride	4.715	41	354990	58.924	ug/l #	86
15) Acrylonitrile	5.420	53	248616	327.542	ug/l	97
16) Acetone	4.156	43	213837	244.625	ug/l	89
17) Carbon Disulfide	4.403	76	524181	56.126	ug/l	99
18) Methyl Acetate	4.715	43	220090	79.105	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	485871	65.071	ug/l	99
20) Methylene Chloride	4.962	84	218859	59.436	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	194457	58.656	ug/l	89
22) Diisopropyl ether	6.356	45	743129	62.046	ug/l	94
23) Vinyl Acetate	6.303	43	1781945	276.331	ug/l	96
24) 1,1-Dichloroethane	6.262	63	383671	59.975	ug/l	99
25) 2-Butanone	7.209	43	331854	289.690	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	286071	52.986	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	228787	60.371	ug/l	94
28) Bromochloromethane	7.538	49	169190	62.355	ug/l	89
29) Tetrahydrofuran	7.556	42	224296	340.395	ug/l	91
30) Chloroform	7.709	83	373977	61.488	ug/l	100
31) Cyclohexane	7.979	56	329980	49.478	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	305216	58.429	ug/l	95
36) 1,1-Dichloropropene	8.109	75	271795	53.056	ug/l	98
37) Ethyl Acetate	7.291	43	144489	61.821	ug/l #	94
38) Carbon Tetrachloride	8.091	117	250833	53.169	ug/l	99
39) Methylcyclohexane	9.350	83	326088	49.286	ug/l	100
40) Benzene	8.344	78	807789	55.991	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	91613	54.470	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	245770	60.144	ug/l	96
43) Isopropyl Acetate	8.450	43	300409	60.733	ug/l #	89
44) Trichloroethene	9.108	130	205883	55.365	ug/l	97
45) 1,2-Dichloropropane	9.379	63	220136	56.421	ug/l	99
46) Dibromomethane	9.467	93	114218	61.503	ug/l	95
47) Bromodichloromethane	9.655	83	292702	59.588	ug/l	98
48) Methyl methacrylate	9.450	41	151887	62.595	ug/l #	81
49) 1,4-Dioxane	9.450	88	28475	1323.355	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	770001	321.091	ug/l	91
52) Toluene	10.397	92	509700	56.046	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	289165	58.376	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	328806	56.291	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	153565	60.165	ug/l	97
56) Ethyl methacrylate	10.655	69	221423	61.312	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	280176	60.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	546305	290.980	ug/l	99
59) 2-Hexanone	10.979	43	524038	277.570	ug/l	90
60) Dibromochloromethane	11.132	129	184265	60.178	ug/l	100
61) 1,2-Dibromoethane	11.238	107	150298	60.535	ug/l	99
64) Tetrachloroethene	10.867	164	168831	54.367	ug/l	98
65) Chlorobenzene	11.661	112	529742	55.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	194992	57.817	ug/l	98
67) Ethyl Benzene	11.732	91	973686	54.110	ug/l	98
68) m/p-Xylenes	11.844	106	735005	109.289	ug/l	95
69) o-Xylene	12.173	106	363215	56.779	ug/l	99
70) Styrene	12.185	104	617717	57.030	ug/l	97
71) Bromoform	12.349	173	103462	58.828	ug/l #	98
73) Isopropylbenzene	12.467	105	917944	53.508	ug/l	100
74) N-amyl acetate	12.279	43	282406	57.621	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	176830	59.885	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	132260m	65.020	ug/l	
77) Bromobenzene	12.749	156	207930	56.727	ug/l	94
78) n-propylbenzene	12.808	91	1138657	53.566	ug/l	100
79) 2-Chlorotoluene	12.897	91	658750	54.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	771292	54.605	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	55651	52.520	ug/l #	86
82) 4-Chlorotoluene	12.991	91	691559	55.285	ug/l	99
83) tert-Butylbenzene	13.208	119	660799	54.308	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	770674	55.712	ug/l	99
85) sec-Butylbenzene	13.391	105	967792	52.906	ug/l	100
86) p-Isopropyltoluene	13.502	119	794975	54.122	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	399461	55.738	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	401144	55.903	ug/l	98
89) n-Butylbenzene	13.826	91	783399	53.069	ug/l	99
90) Hexachloroethane	14.096	117	159586	54.903	ug/l	91
91) 1,2-Dichlorobenzene	13.873	146	359319	57.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	27498	56.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	223723	56.308	ug/l	98
94) Hexachlorobutadiene	15.249	225	107744	53.769	ug/l	99
95) Naphthalene	15.379	128	461606	60.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	196888	58.936	ug/l	97

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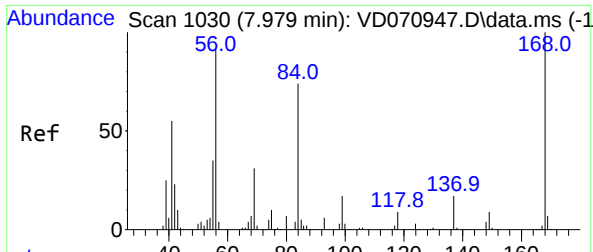
Manual Integrations
APPROVED

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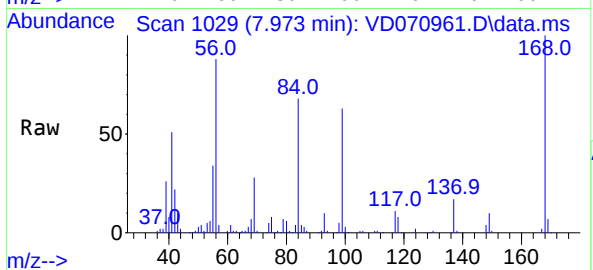
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

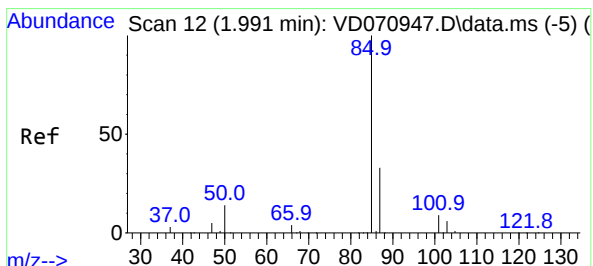
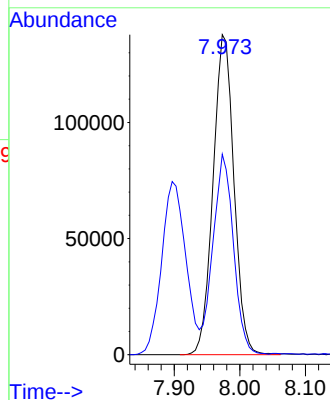
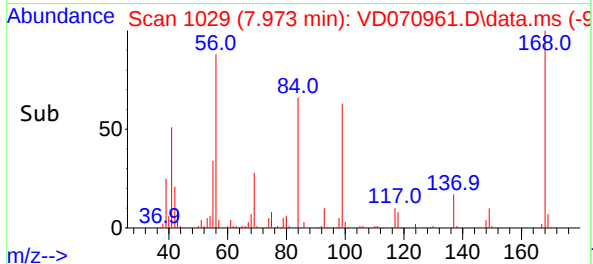
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



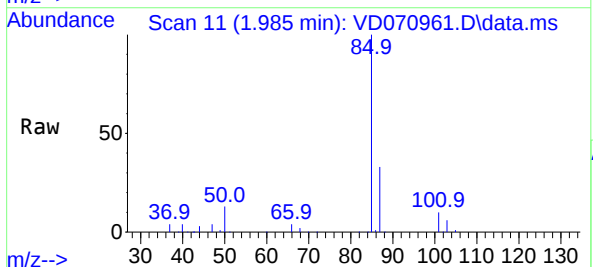
Tgt Ion:168 Resp: 30459
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8

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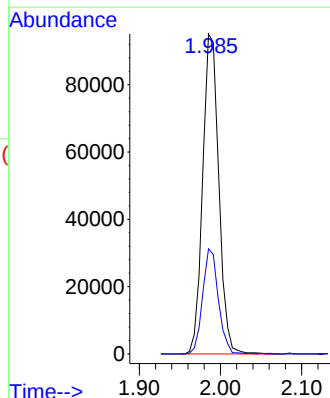
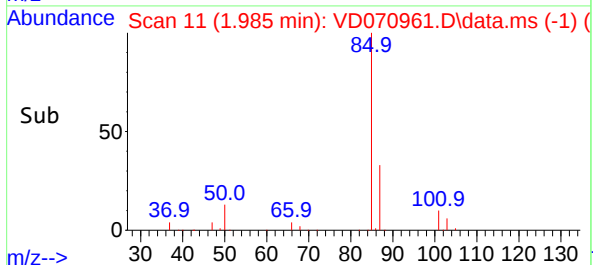
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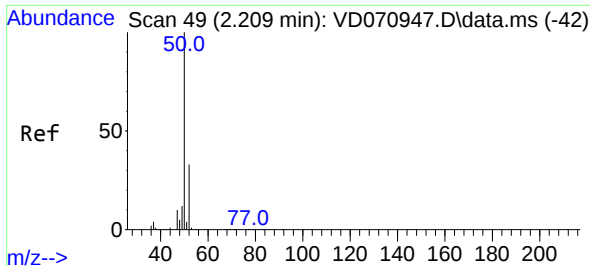


#2
Dichlorodifluoromethane
Concen: 50.383 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



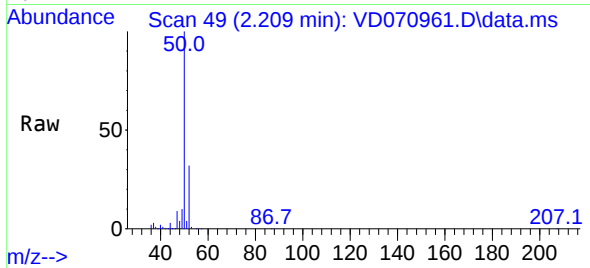
Tgt Ion: 85 Resp: 131115
Ion Ratio Lower Upper
85 100
87 32.9 15.2 45.6





#3
Chloromethane
Concen: 60.179 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

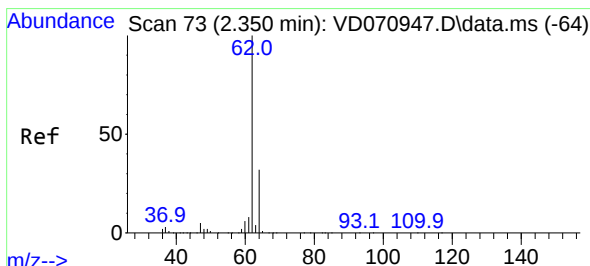
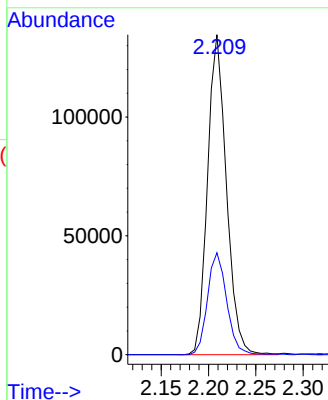
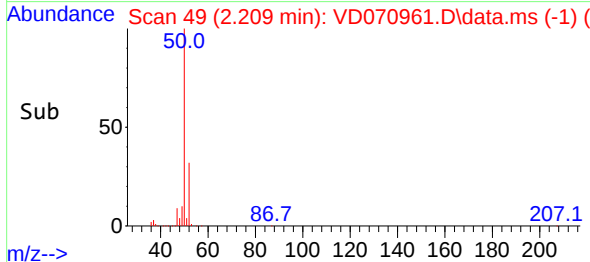
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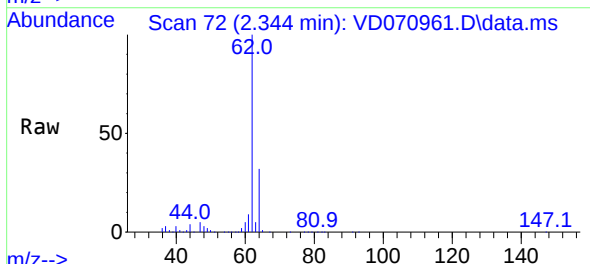
Tgt Ion: 50 Resp: 18635
Ion Ratio Lower Upper
50 100
52 31.8 25.8 38.8

Manual Integrations
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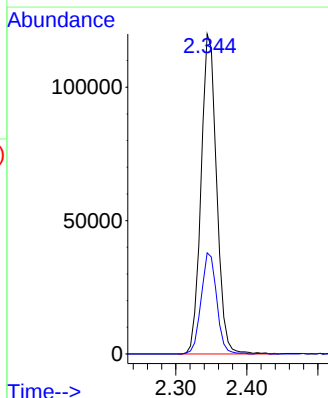
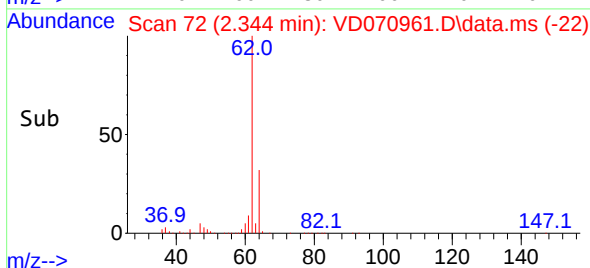
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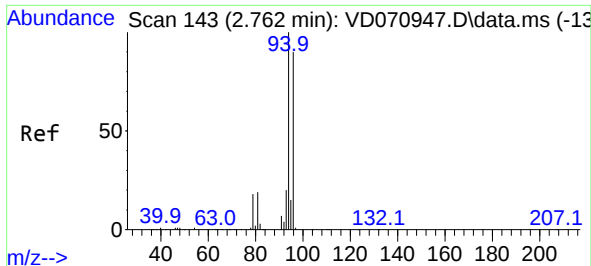


#4
Vinyl Chloride
Concen: 61.437 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



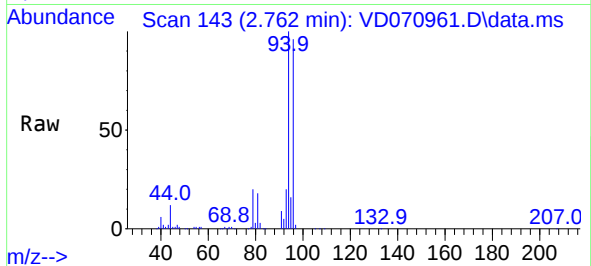
Tgt Ion: 62 Resp: 182970
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 60.419 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

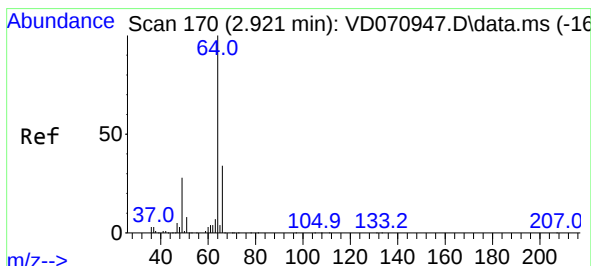
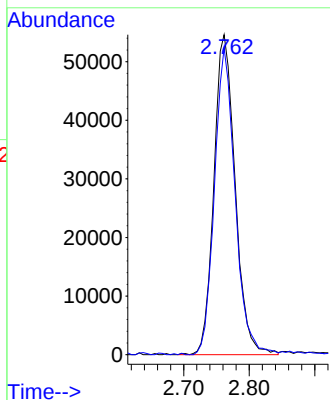
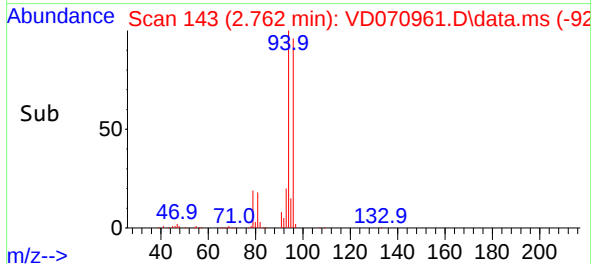
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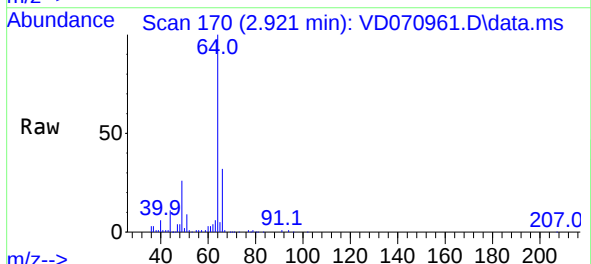
Tgt Ion: 94 Resp: 12264
Ion Ratio Lower Upper
94 100
96 95.9 74.8 112.2

Manual Integrations
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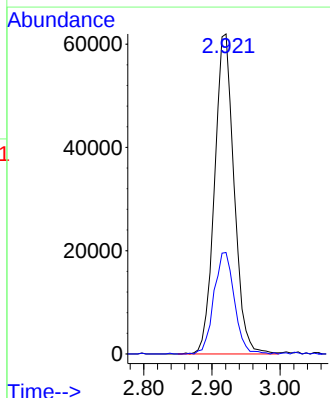
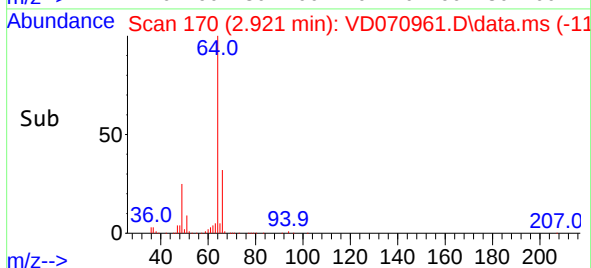
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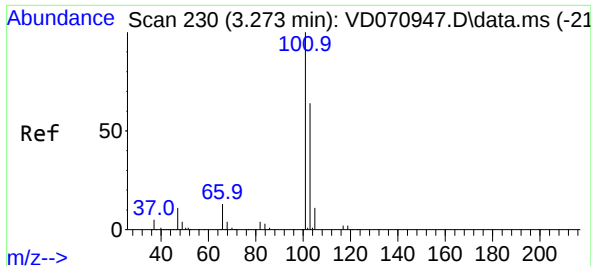


#6
Chloroethane
Concen: 64.622 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070961.D
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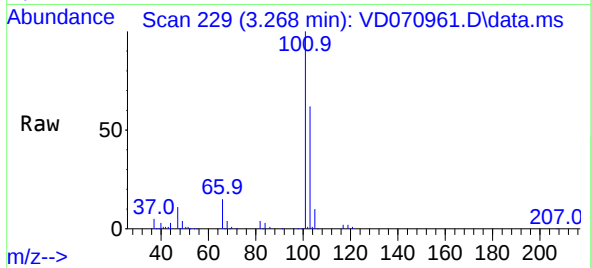
Tgt Ion: 64 Resp: 123607
Ion Ratio Lower Upper
64 100
66 31.7 29.0 43.4





#7
Trichlorofluoromethane
Concen: 53.164 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

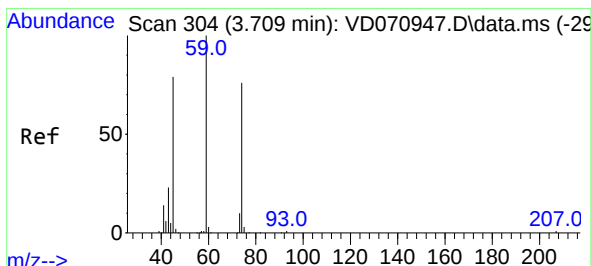
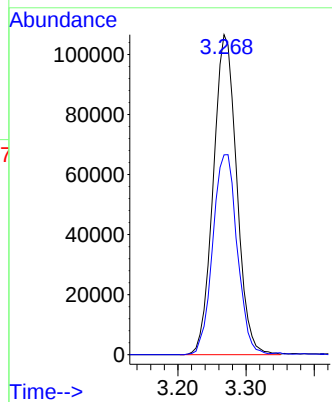
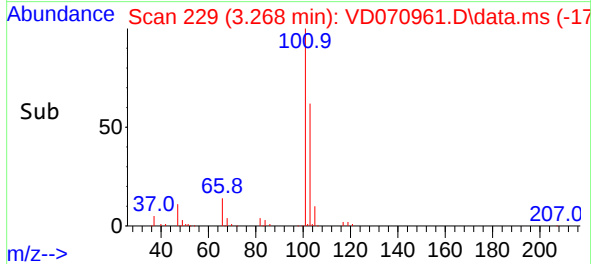
Instrument :
MSVOA_D
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VSTDCCC050EC



Tgt Ion:101 Resp: 254810
Ion Ratio Lower Upper
101 100
103 62.5 49.7 74.5

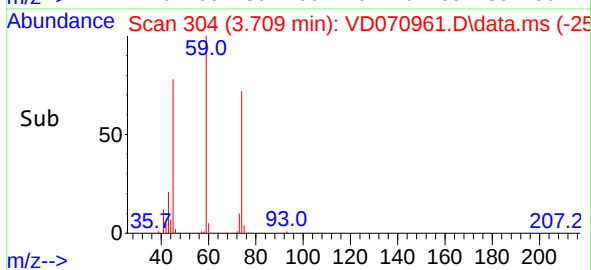
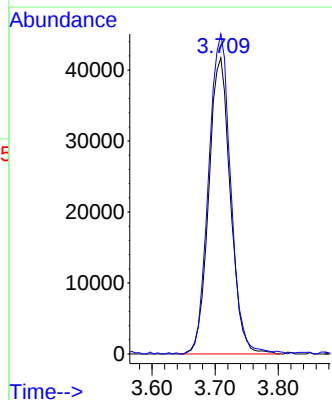
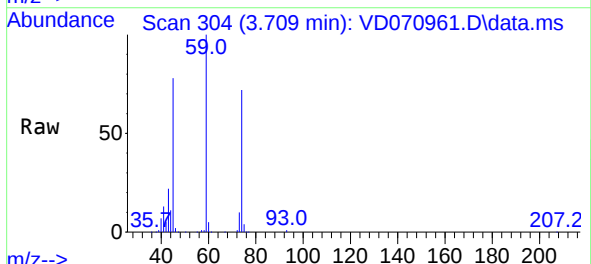
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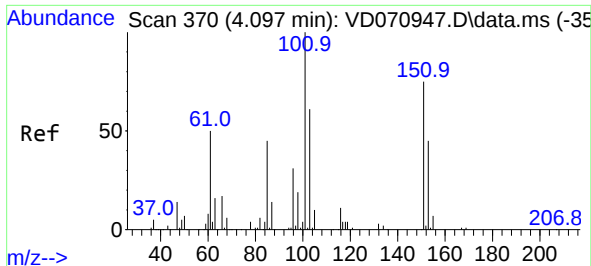
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 62.768 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

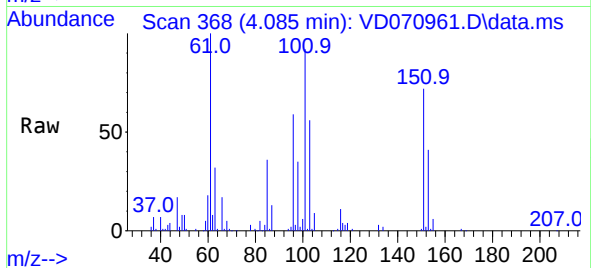
Tgt Ion: 74 Resp: 99566
Ion Ratio Lower Upper
74 100
45 109.8 49.6 149.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.991 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

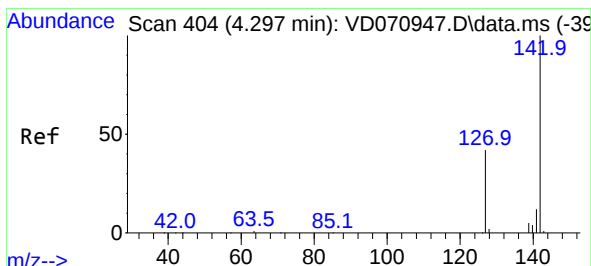
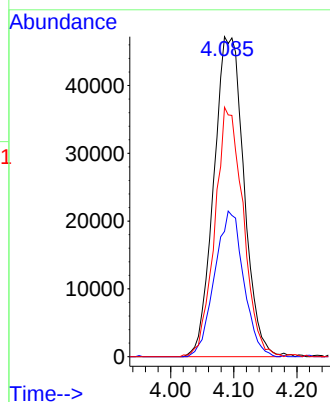
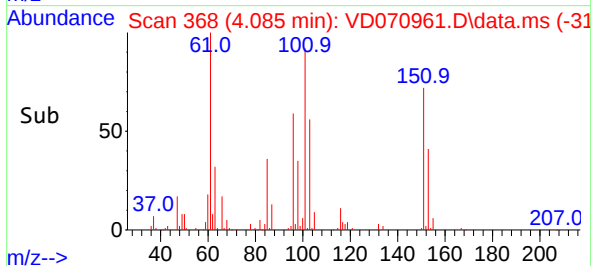
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



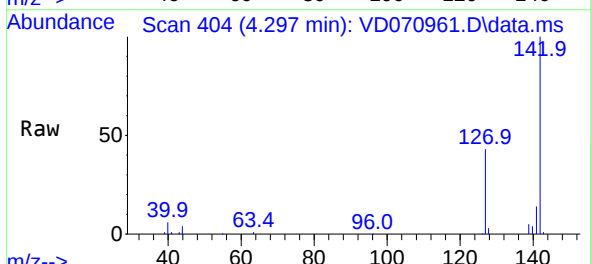
Tgt Ion:101 Resp: 156560
Ion Ratio Lower Upper
101 100
85 43.8 34.8 52.2
151 73.3 60.4 90.6

Manual Integrations
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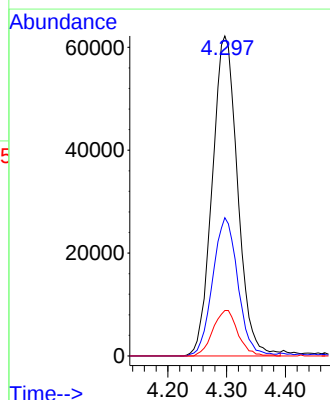
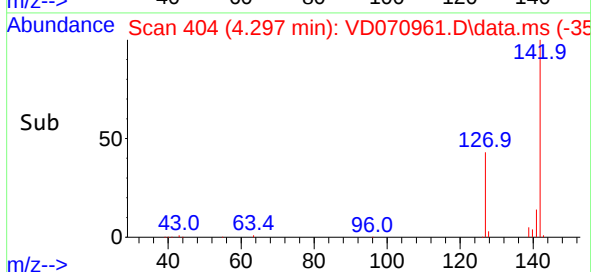
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

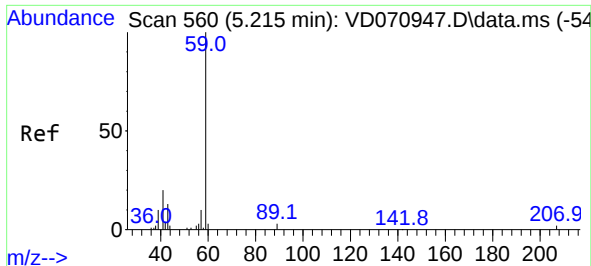


#10
Methyl Iodide
Concen: 52.441 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



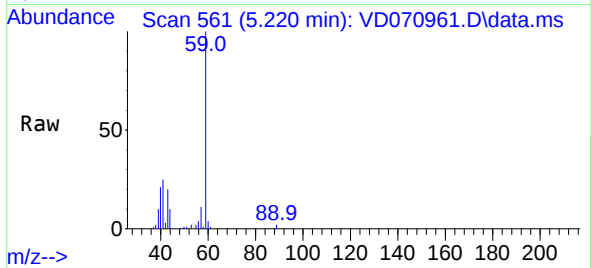
Tgt Ion:142 Resp: 186443
Ion Ratio Lower Upper
142 100
127 42.9 35.0 52.4
141 14.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 313.188 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

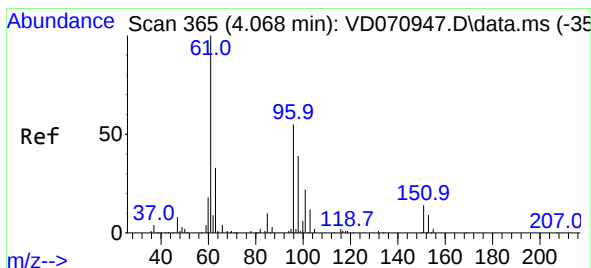
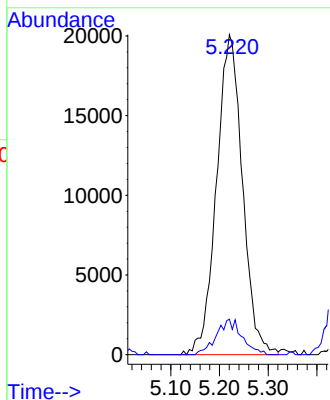
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 74229
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4

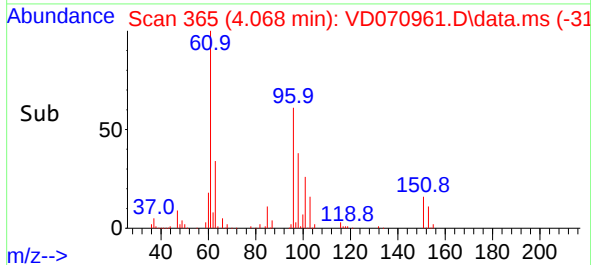
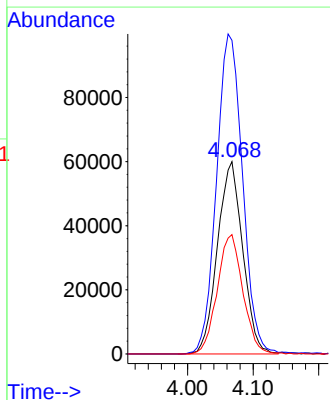
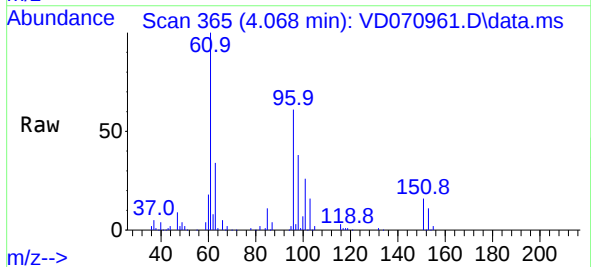
Manual Integrations
APPROVED

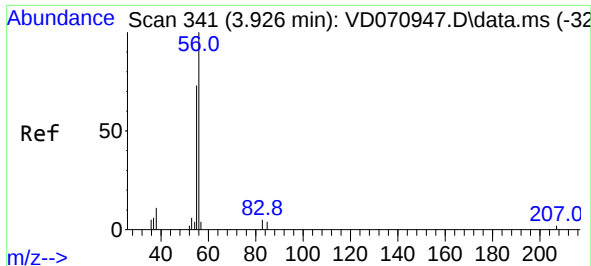
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 55.555 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

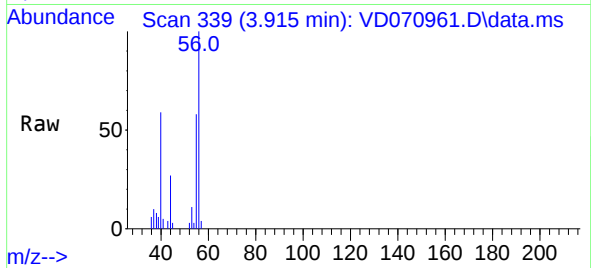
Tgt Ion: 96 Resp: 160687
Ion Ratio Lower Upper
96 100
61 163.1 120.3 180.5
98 62.1 54.4 81.6





#13
Acrolein
Concen: 246.674 ug/l
RT: 3.915 min Scan# 311
Delta R.T. -0.011 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

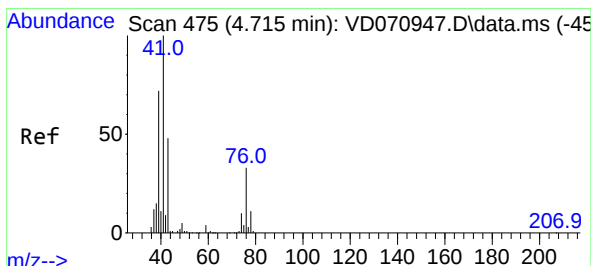
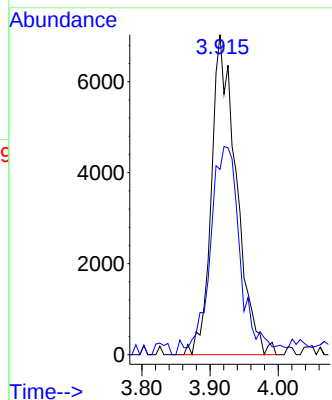
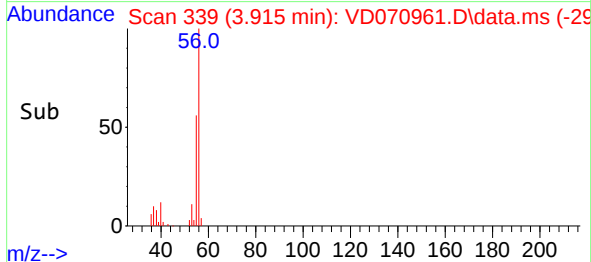
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



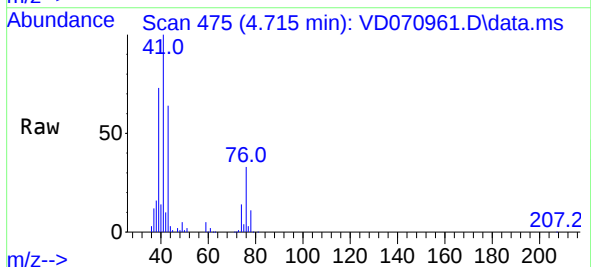
Tgt Ion: 56 Resp: 17874
Ion Ratio Lower Upper
56 100
55 78.9 58.6 87.8

Manual Integrations
APPROVED

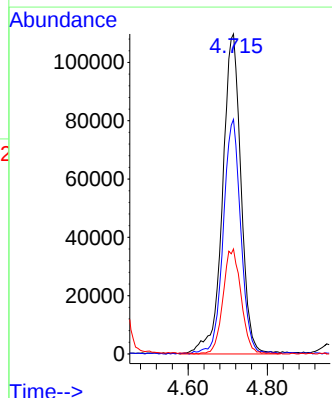
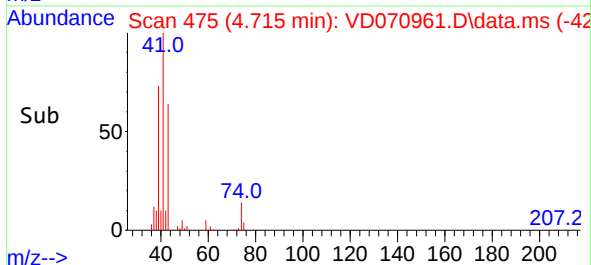
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

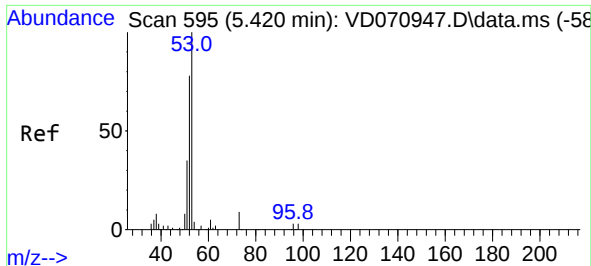


#14
Allyl chloride
Concen: 58.924 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



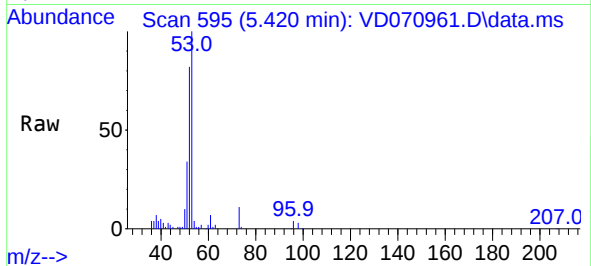
Tgt Ion: 41 Resp: 354990
Ion Ratio Lower Upper
41 100
39 69.4 45.6 68.4
76 32.2 30.2 45.4





#15
Acrylonitrile
Concen: 327.542 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

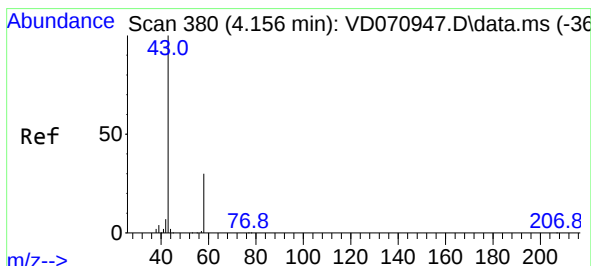
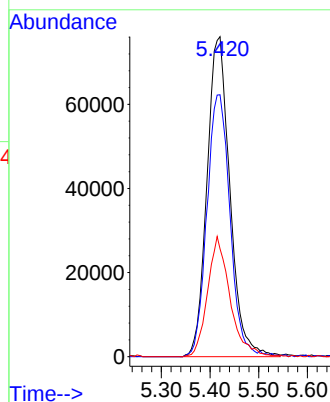
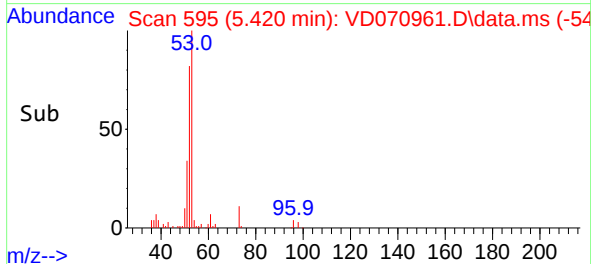
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 248610
Ion Ratio Lower Upper
53 100
52 83.0 63.8 95.8
51 36.7 28.5 42.7

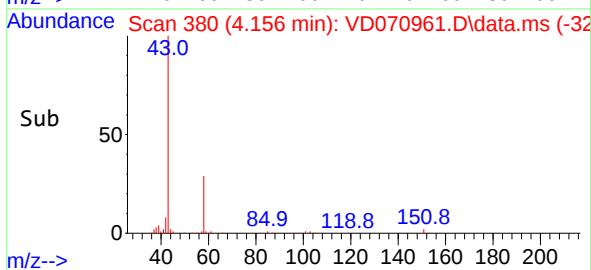
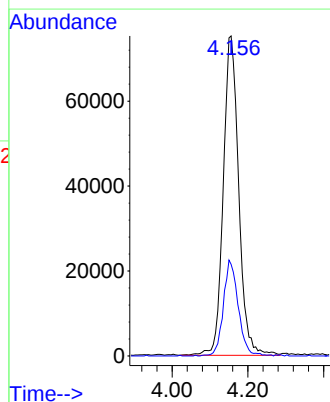
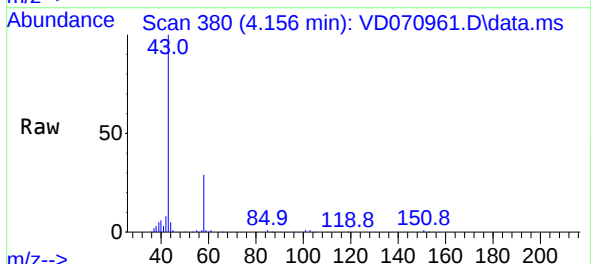
Manual Integrations
APPROVED

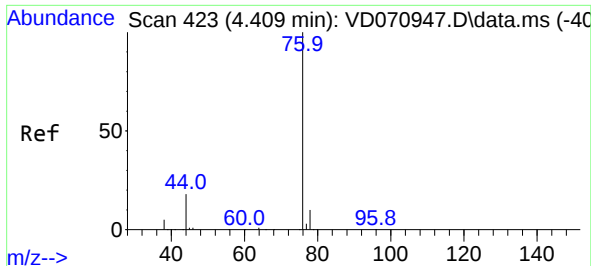
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 244.625 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Tgt Ion: 43 Resp: 213837
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8





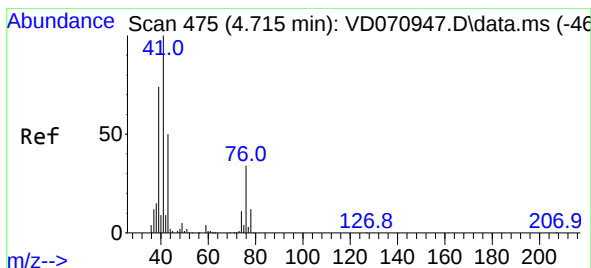
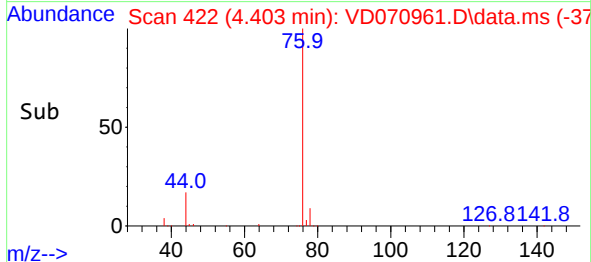
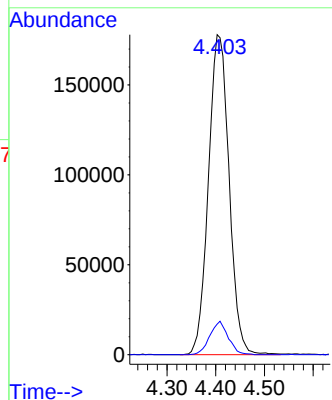
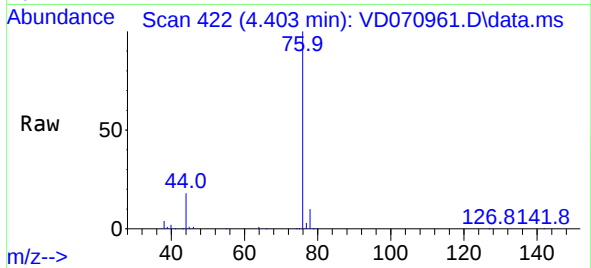
#17
Carbon Disulfide
Concen: 56.126 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 52418
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8

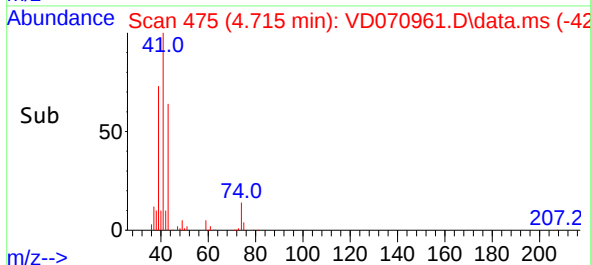
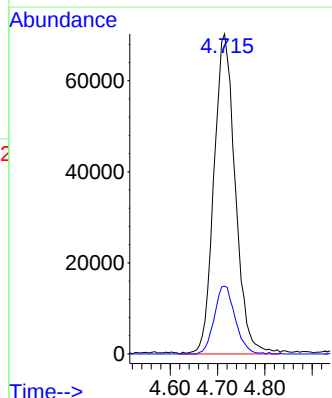
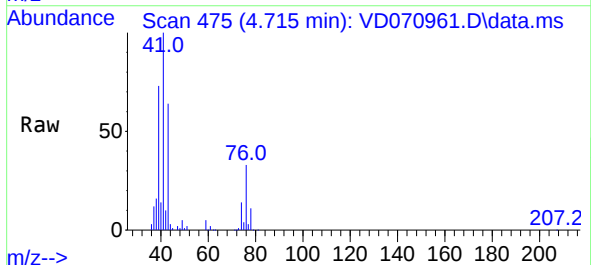
Manual Integrations
APPROVED

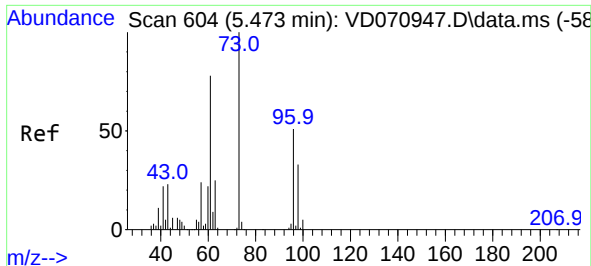
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 79.105 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

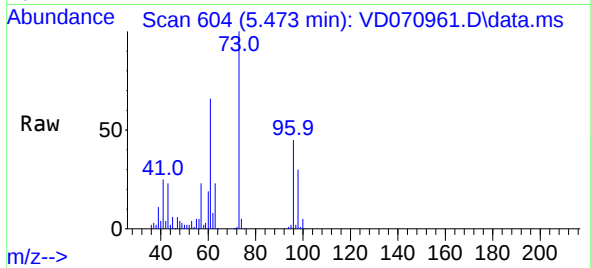
Tgt Ion: 43 Resp: 220090
Ion Ratio Lower Upper
43 100
74 20.7 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 65.071 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

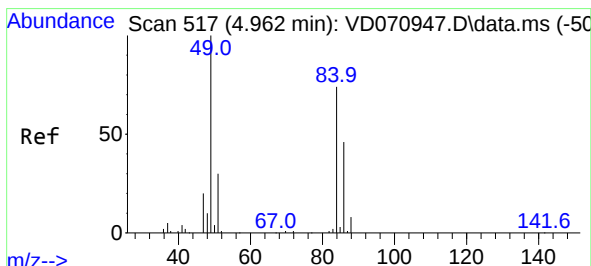
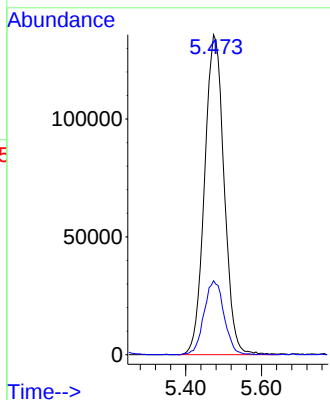
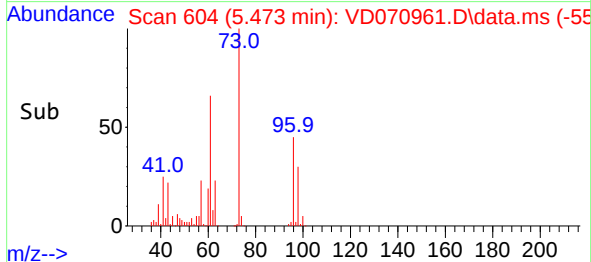
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 48587
Ion Ratio Lower Upper
73 100
57 23.1 18.9 28.3

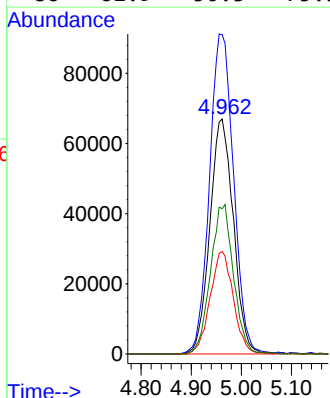
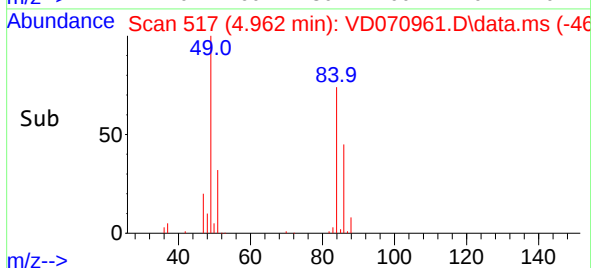
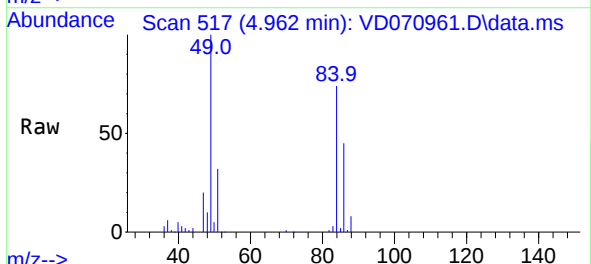
Manual Integrations
APPROVED

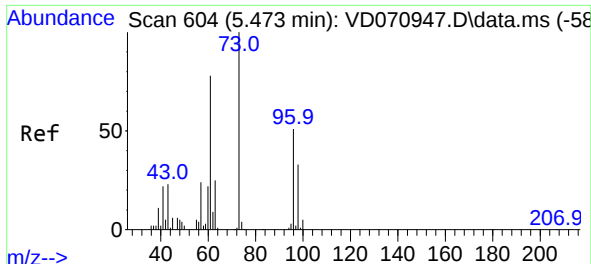
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 59.436 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Tgt Ion: 84 Resp: 218859
Ion Ratio Lower Upper
84 100
49 136.0 95.8 143.6
51 43.6 30.9 46.3
86 61.9 50.3 75.5





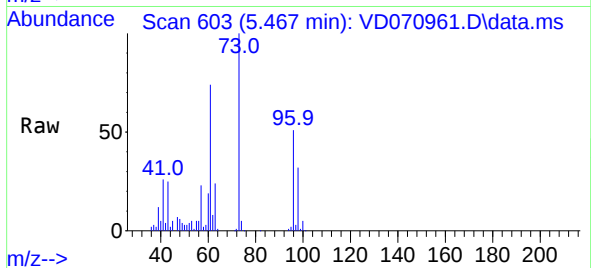
#21
trans-1,2-Dichloroethene
Concen: 58.656 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

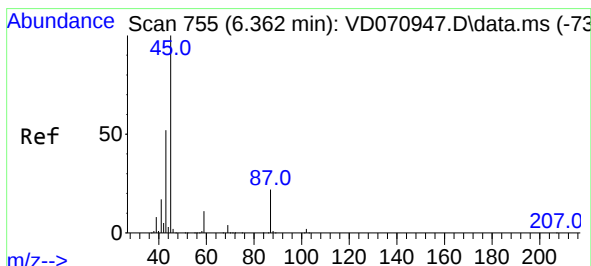
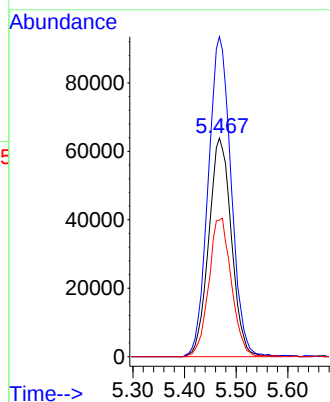
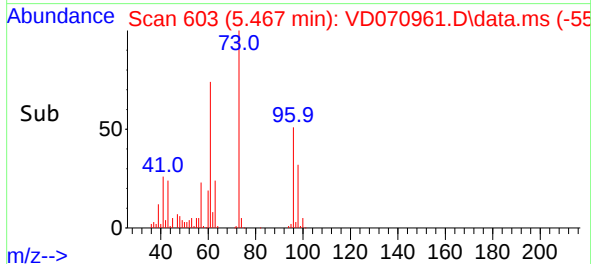


Tgt Ion: 96 Resp: 19445
Ion Ratio Lower Upper
96 100
61 146.3 102.1 153.1
98 62.5 50.1 75.1

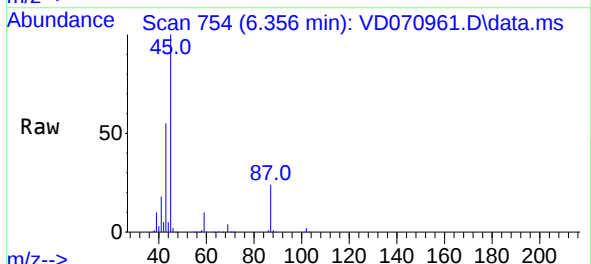
Manual Integrations

APPROVED

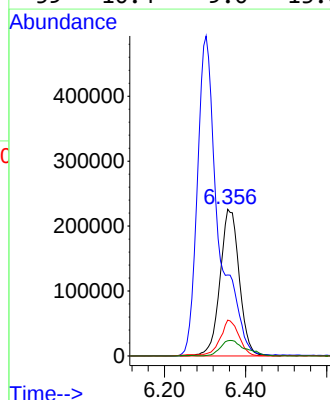
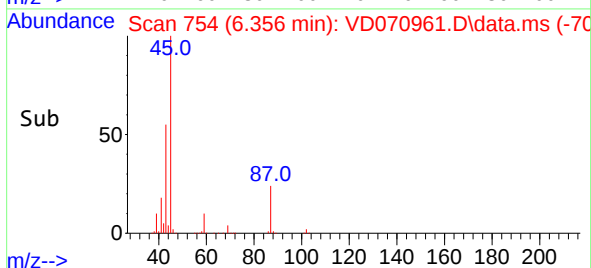
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

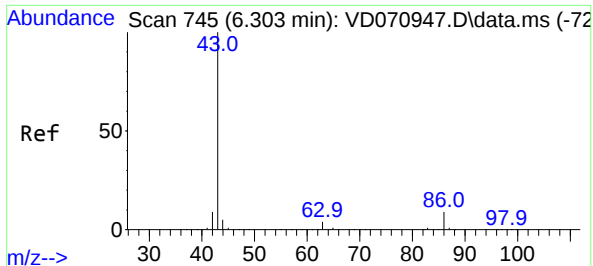


#22
Diisopropyl ether
Concen: 62.046 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



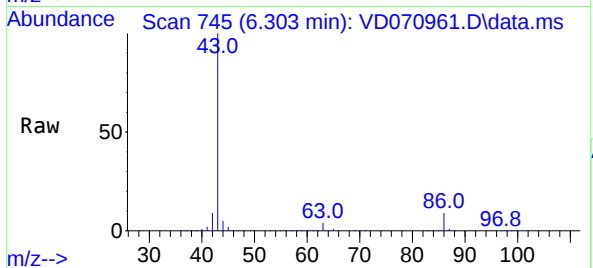
Tgt Ion: 45 Resp: 743129
Ion Ratio Lower Upper
45 100
43 54.6 39.6 59.4
87 24.4 21.2 31.8
59 10.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 276.331 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070961.D
 Acq: 09 Nov 2021 20:34

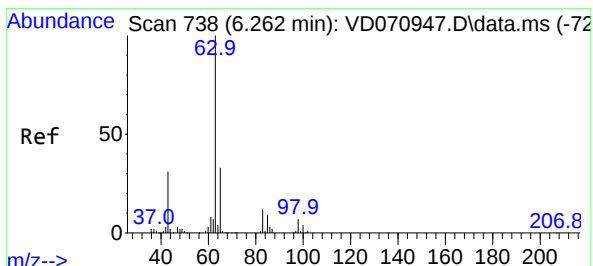
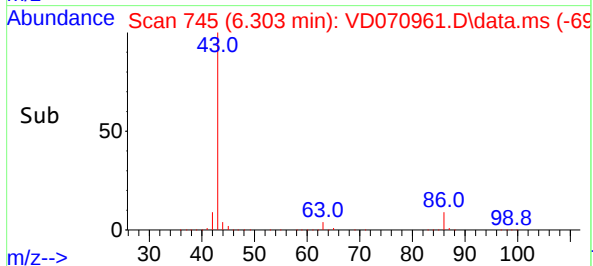
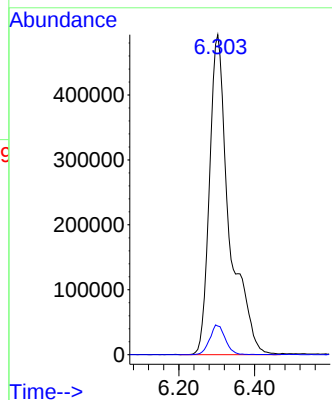
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 178194
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.2 12.4

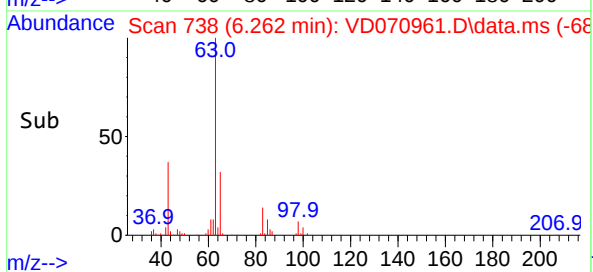
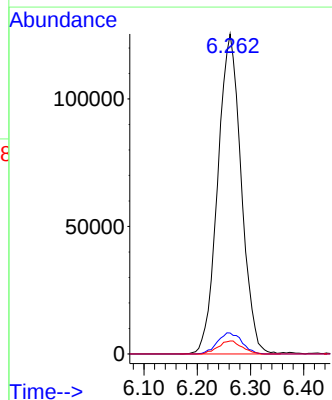
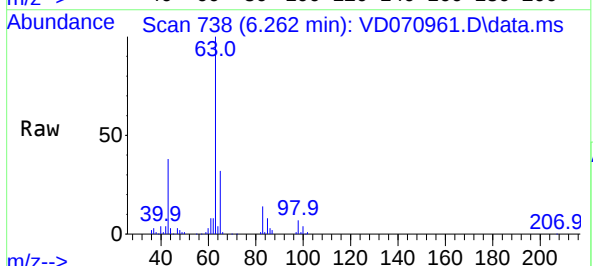
Manual Integrations
 APPROVED

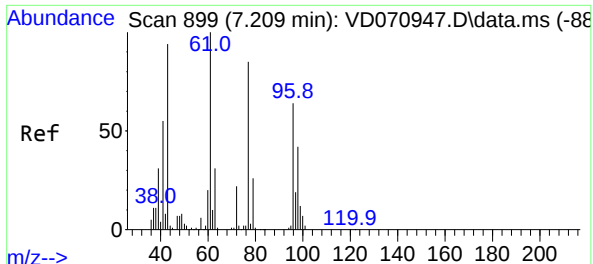
Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 59.975 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070961.D
 Acq: 09 Nov 2021 20:34

Tgt Ion: 63 Resp: 383671
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 289.690 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 331854

Ion Ratio Lower Upper

43 100

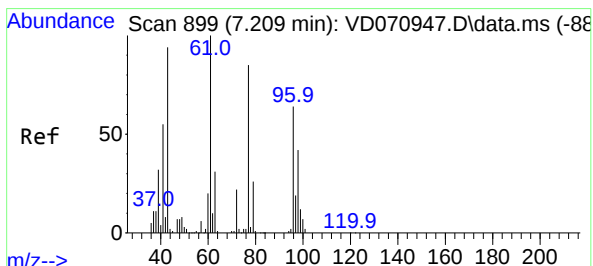
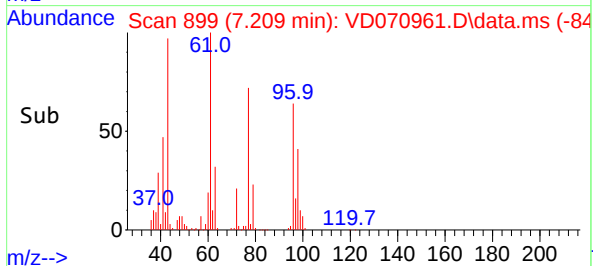
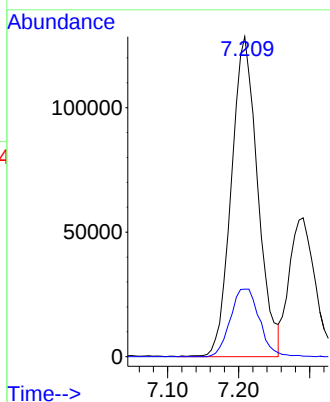
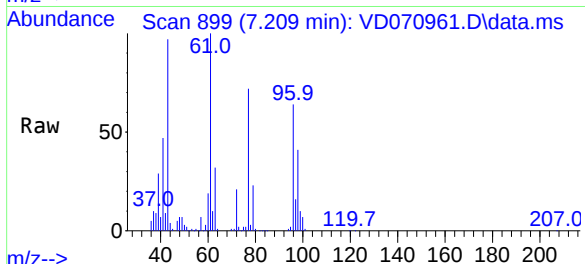
72 21.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 52.986 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD070961.D

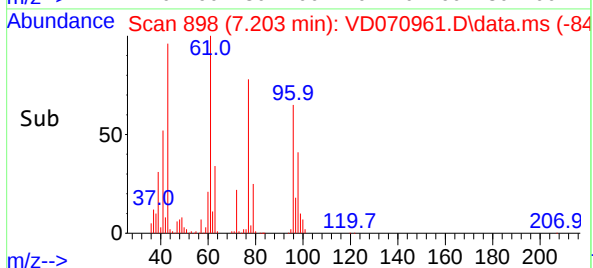
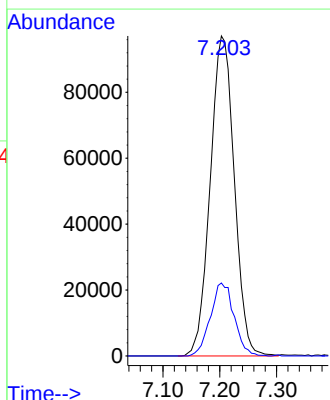
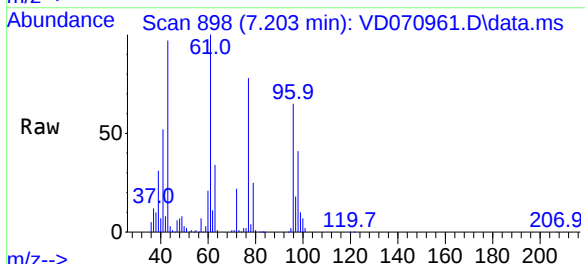
Acq: 09 Nov 2021 20:34

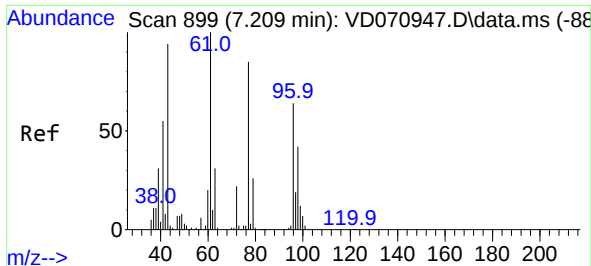
Tgt Ion: 77 Resp: 286071

Ion Ratio Lower Upper

77 100

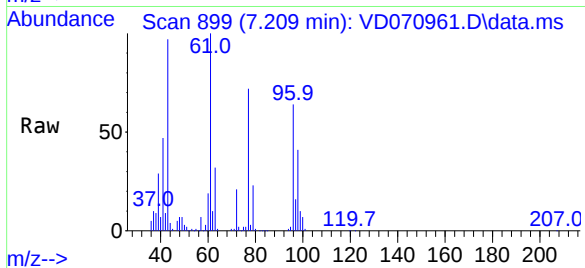
97 22.4 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 60.371 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

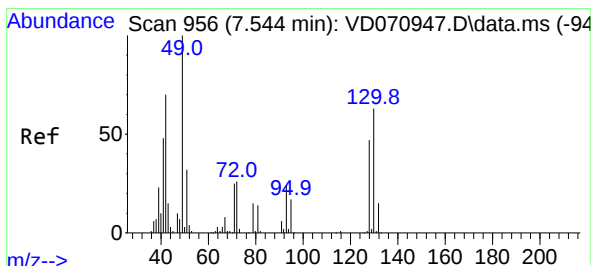
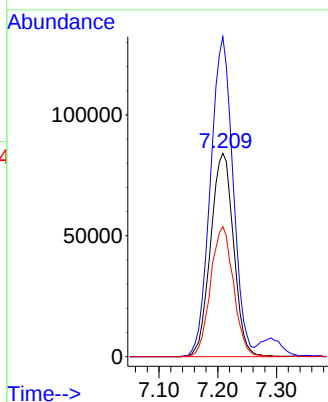
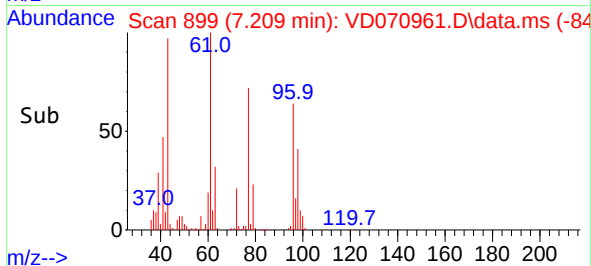
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



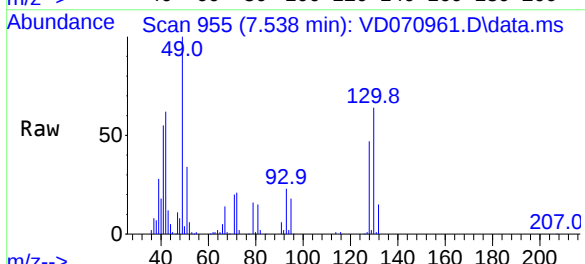
Tgt Ion: 96 Resp: 22878
Ion Ratio Lower Upper
96 100
61 154.5 0.0 288.6
98 63.6 0.0 129.2

Manual Integrations
APPROVED

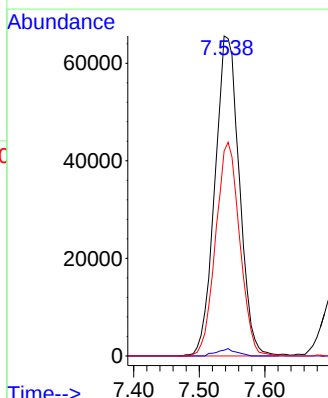
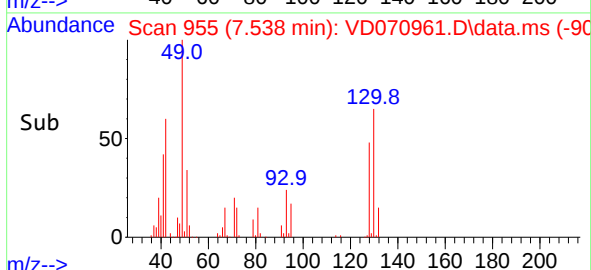
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

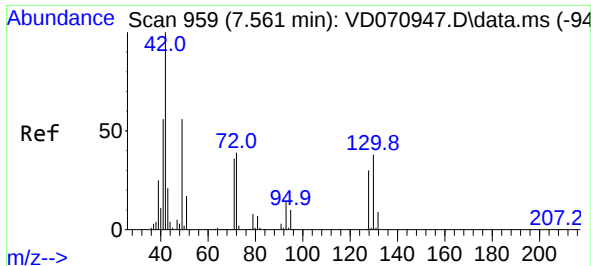


#28
Bromochloromethane
Concen: 62.355 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion: 49 Resp: 169190
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 65.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 340.395 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD070961.D

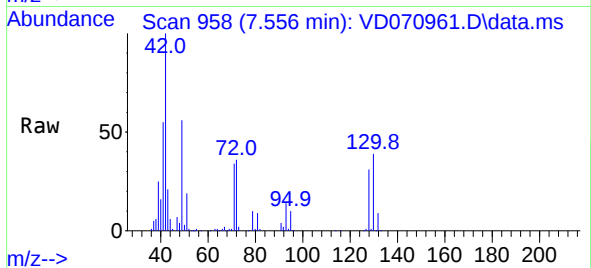
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 224290

Ion Ratio Lower Upper

42 100

72 37.3 33.7 50.5

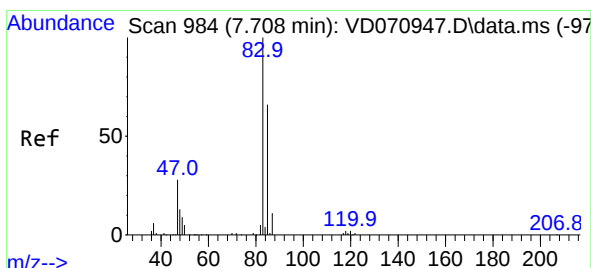
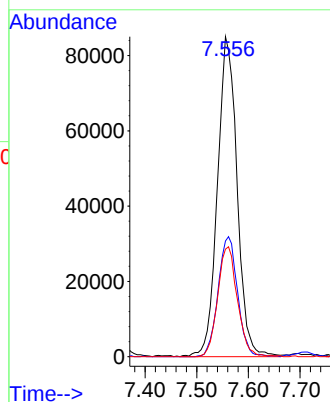
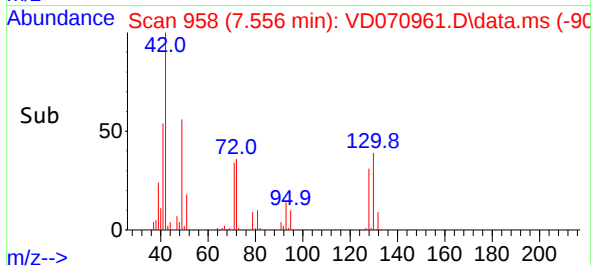
71 34.4 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 61.488 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.001 min

Lab File: VD070961.D

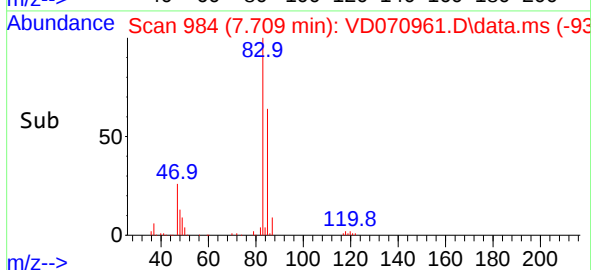
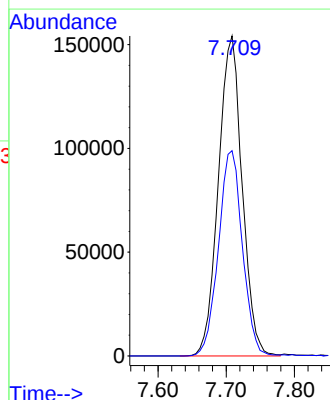
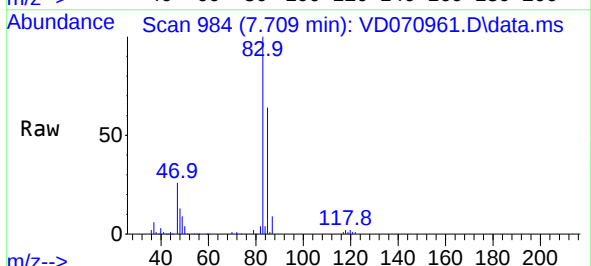
Acq: 09 Nov 2021 20:34

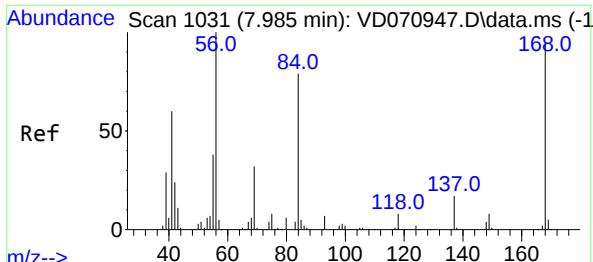
Tgt Ion: 83 Resp: 373977

Ion Ratio Lower Upper

83 100

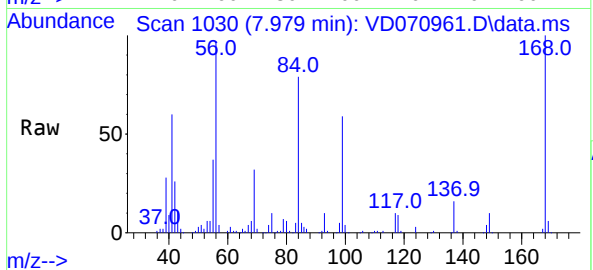
85 64.2 51.0 76.6





#31
Cyclohexane
Concen: 49.478 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

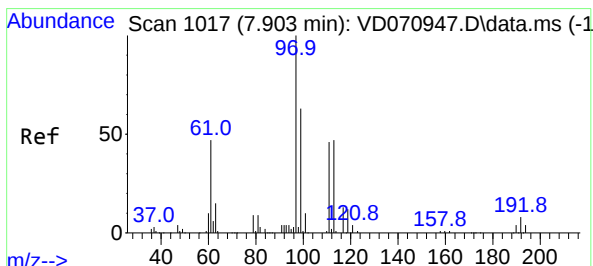
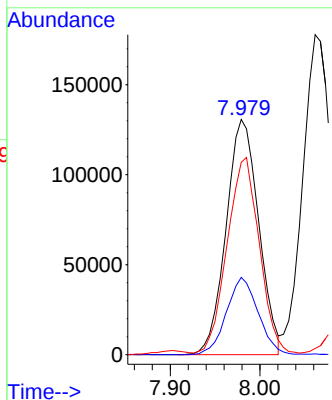
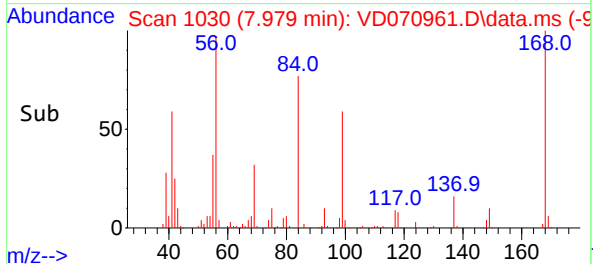
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



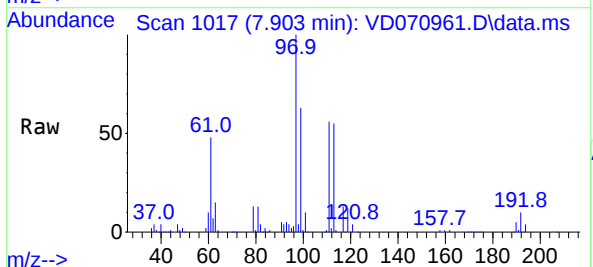
Tgt Ion: 56 Resp: 329980
Ion Ratio Lower Upper
56 100
69 32.9 25.9 38.9
84 80.2 64.3 96.5

Manual Integrations
APPROVED

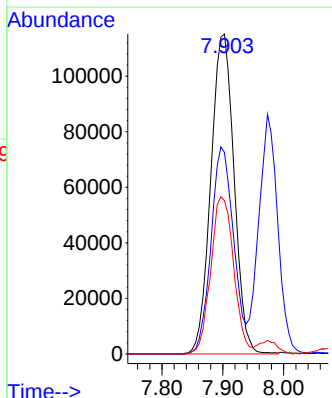
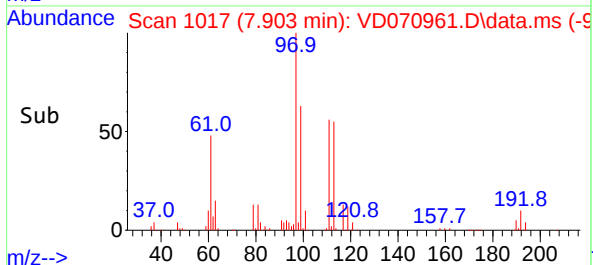
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

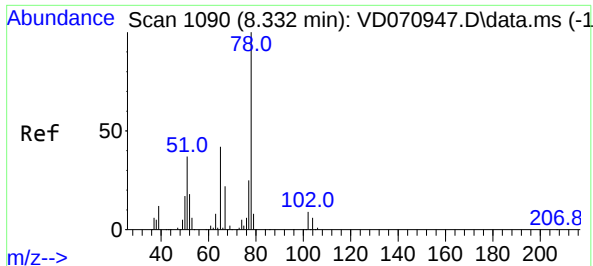


#32
1,1,1-Trichloroethane
Concen: 58.429 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion: 97 Resp: 305216
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 48.5 33.0 49.4





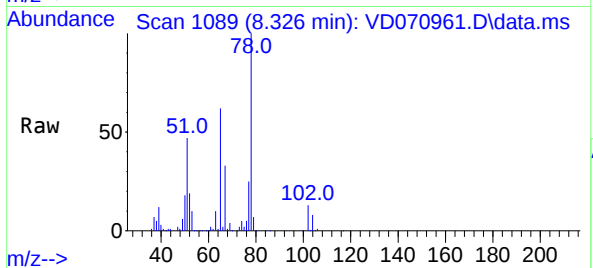
#33
1,2-Dichloroethane-d4
Concen: 59.166 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

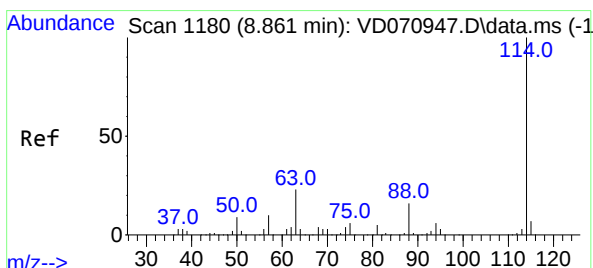
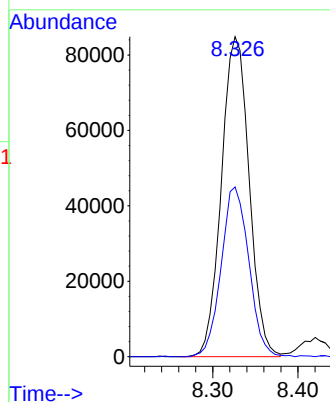
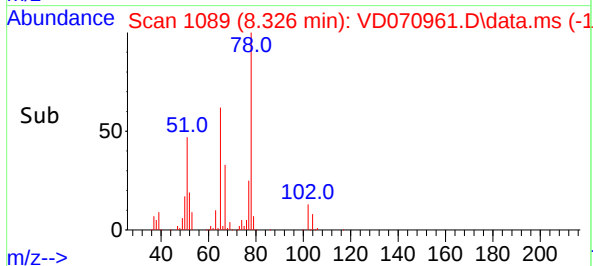


Tgt Ion: 65 Resp: 19187
Ion Ratio Lower Upper
65 100
67 52.9 0.0 112.2

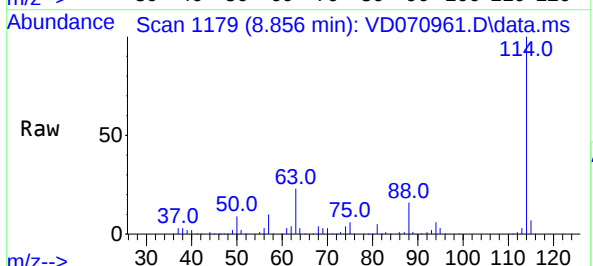
Manual Integrations

APPROVED

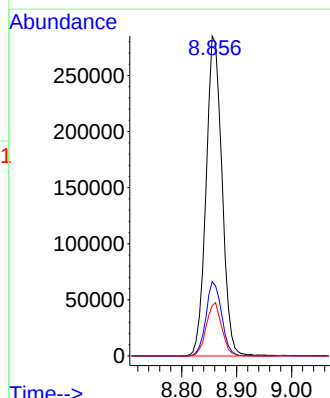
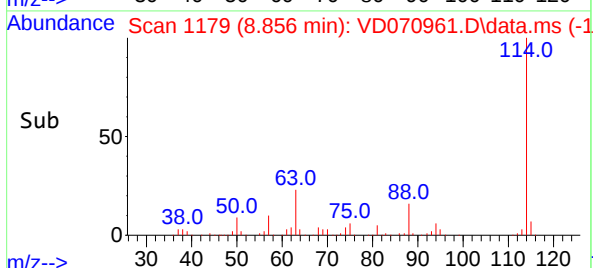
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

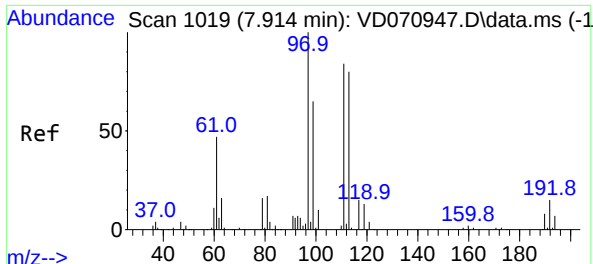


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



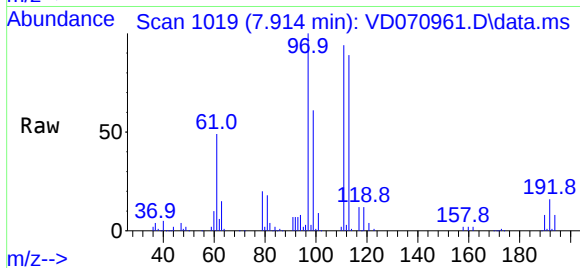
Tgt Ion:114 Resp: 573764
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.359 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

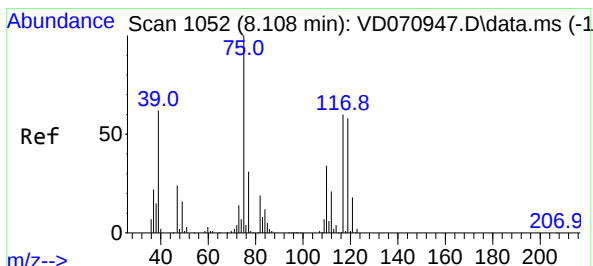
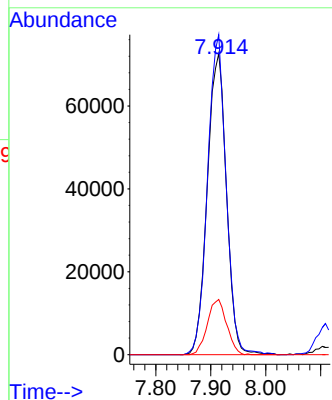
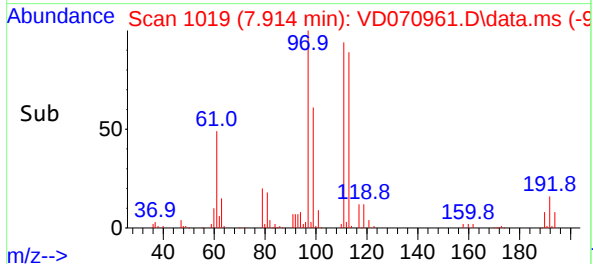
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



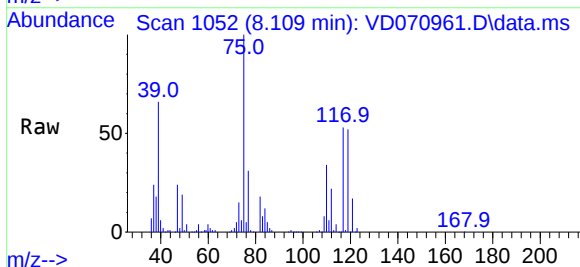
Tgt Ion:113 Resp: 175990
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.5 15.2 22.8

Manual Integrations
APPROVED

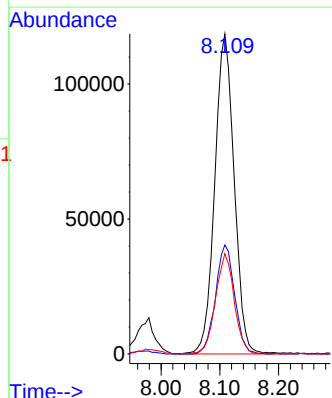
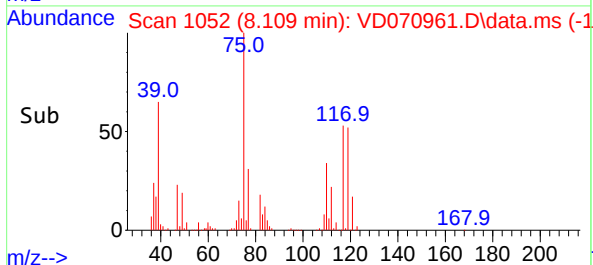
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

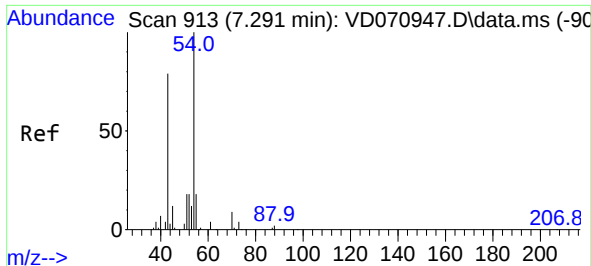


#36
1,1-Dichloropropene
Concen: 53.056 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.001 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



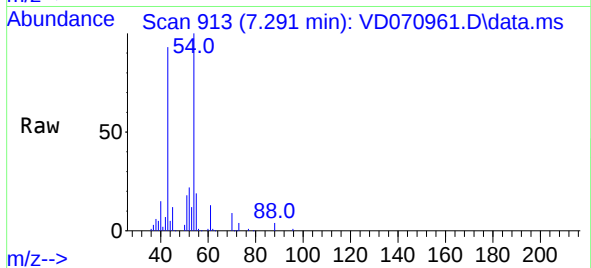
Tgt Ion: 75 Resp: 271795
Ion Ratio Lower Upper
75 100
110 33.5 17.8 53.4
77 30.4 24.8 37.2





#37
Ethyl Acetate
Concen: 61.821 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

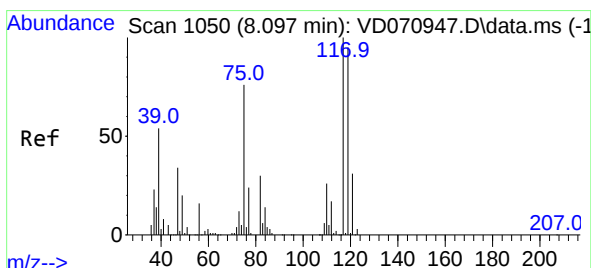
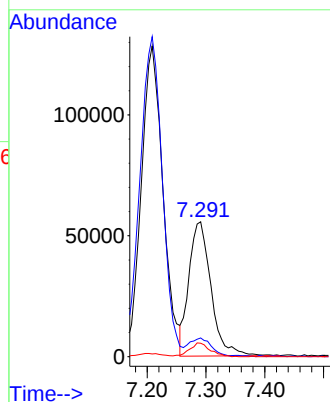
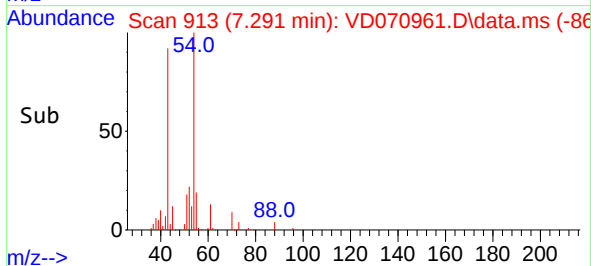
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 144489
Ion Ratio Lower Upper
43 100
61 12.8 13.0 19.6
70 9.6 8.7 13.1

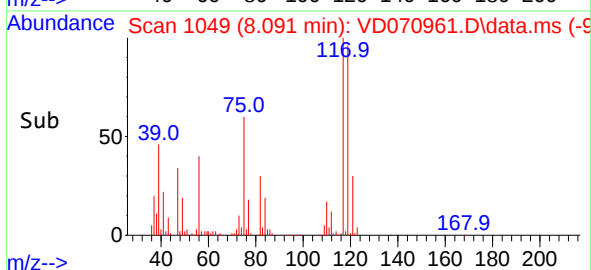
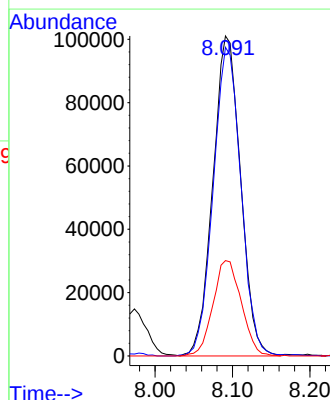
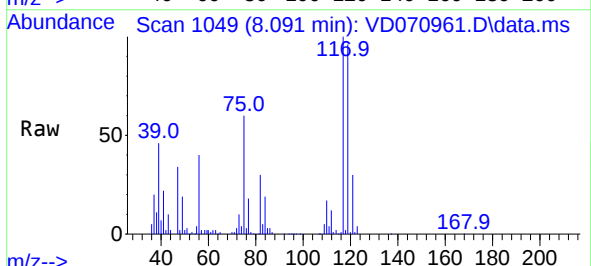
Manual Integrations
APPROVED

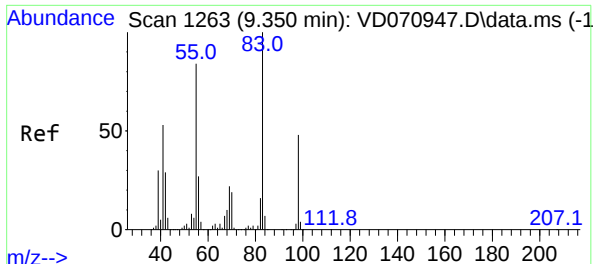
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 53.169 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Tgt Ion:117 Resp: 250833
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 29.8 23.6 35.4





#39

Methylcyclohexane

Concen: 49.286 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD070961.D

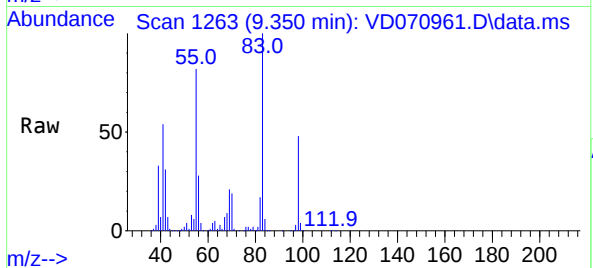
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 32608

Ion Ratio Lower Upper

83 100

55 82.3 65.8 98.8

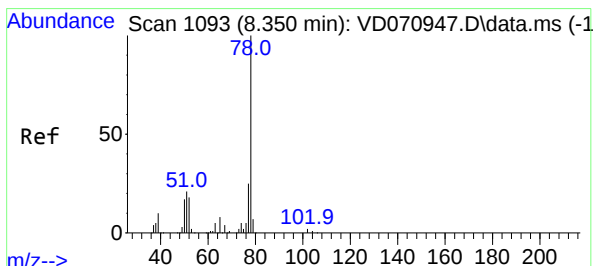
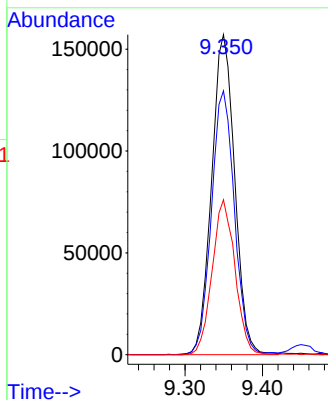
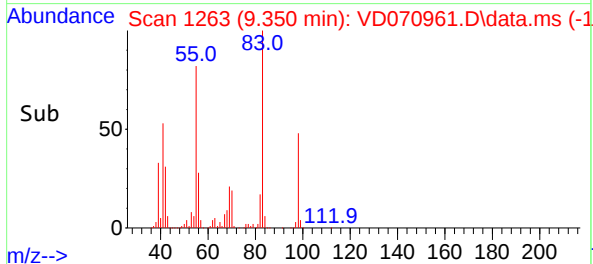
98 48.4 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 55.991 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD070961.D

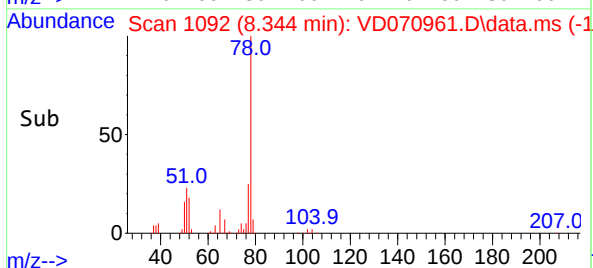
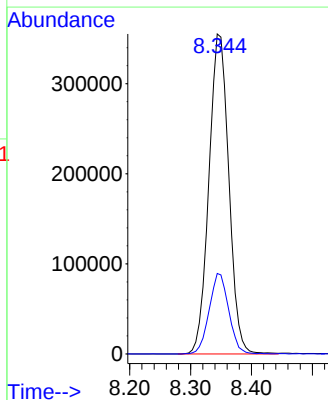
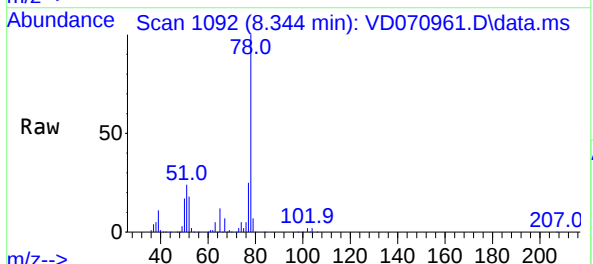
Acq: 09 Nov 2021 20:34

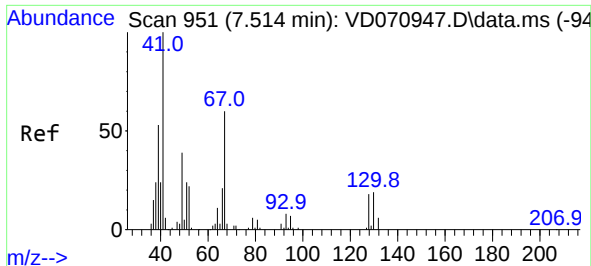
Tgt Ion: 78 Resp: 807789

Ion Ratio Lower Upper

78 100

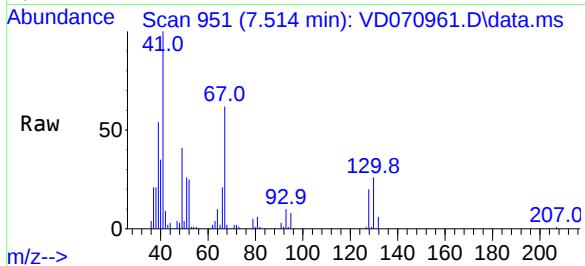
77 25.1 19.1 28.7





#41
Methacrylonitrile
Concen: 54.470 ug/l
RT: 7.514 min Scan# 9161
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

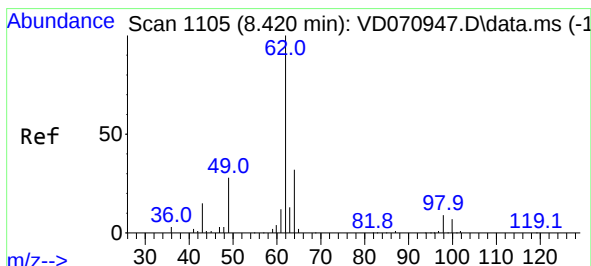
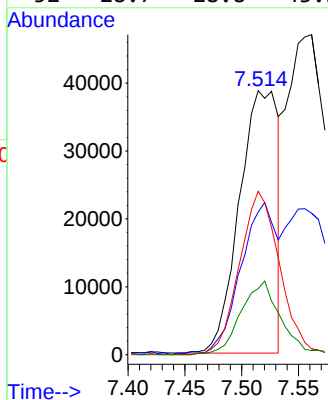
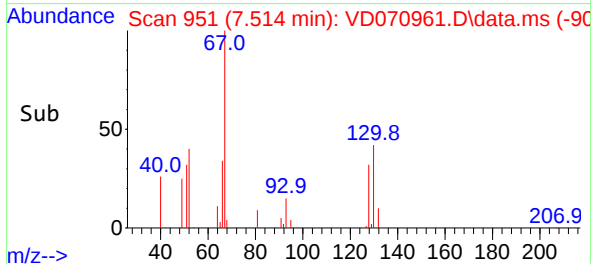
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



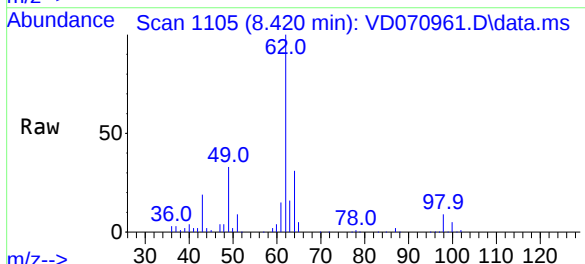
Tgt Ion: 41 Resp: 9161
Ion Ratio Lower Upper
41 100
39 54.2 60.2 90.4
67 64.6 74.8 112.2
52 28.7 28.8 43.2

Manual Integrations
APPROVED

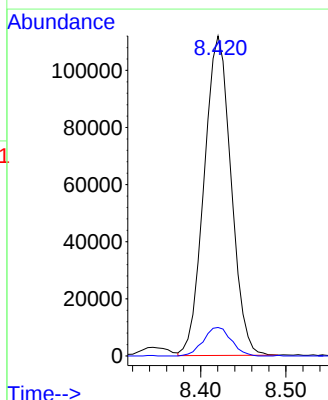
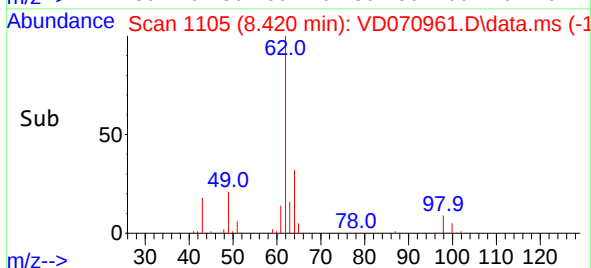
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

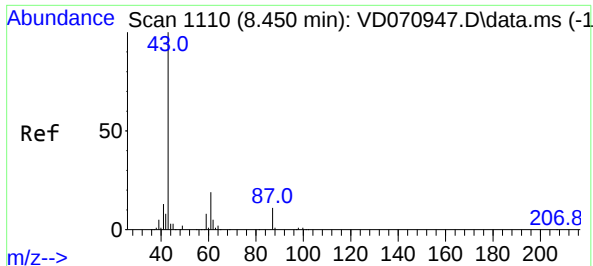


#42
1,2-Dichloroethane
Concen: 60.144 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



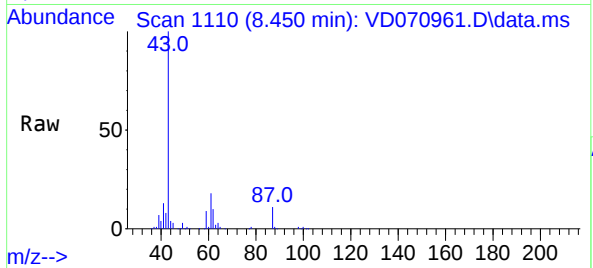
Tgt Ion: 62 Resp: 245770
Ion Ratio Lower Upper
62 100
98 9.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 60.733 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

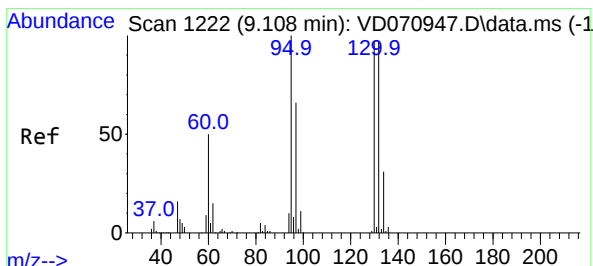
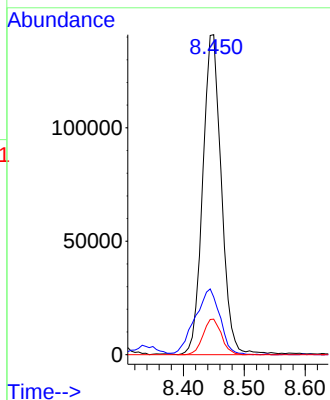
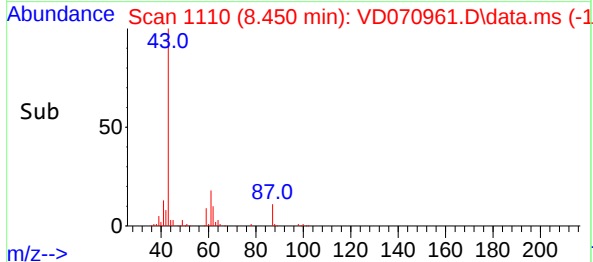
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



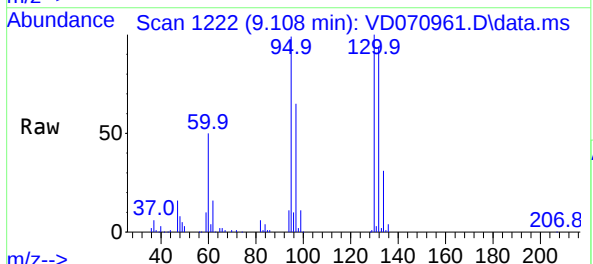
Tgt Ion: 43 Resp: 300409
Ion Ratio Lower Upper
43 100
61 27.5 28.2 42.4
87 11.0 10.7 16.1

Manual Integrations
APPROVED

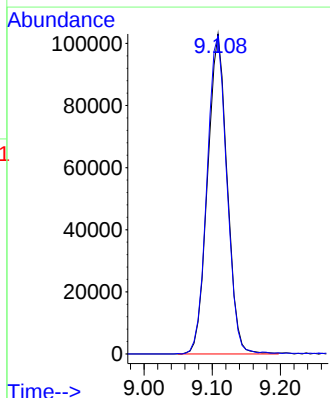
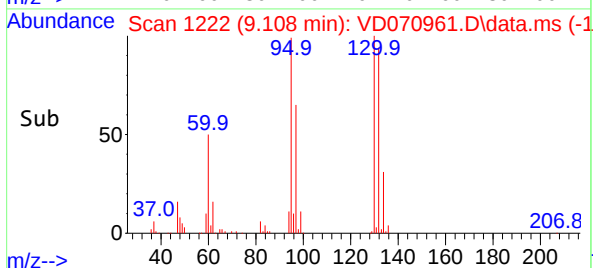
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

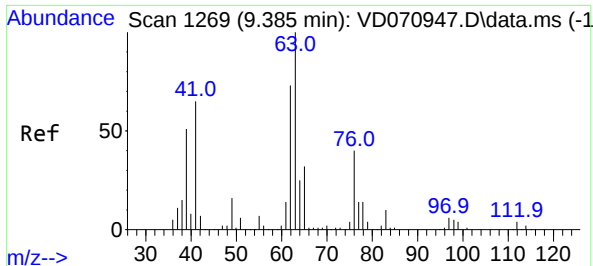


#44
Trichloroethene
Concen: 55.365 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion:130 Resp: 205883
Ion Ratio Lower Upper
130 100
95 99.2 0.0 193.2





#45

1,2-Dichloropropane

Concen: 56.421 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 220130

Ion Ratio Lower Upper

63 100

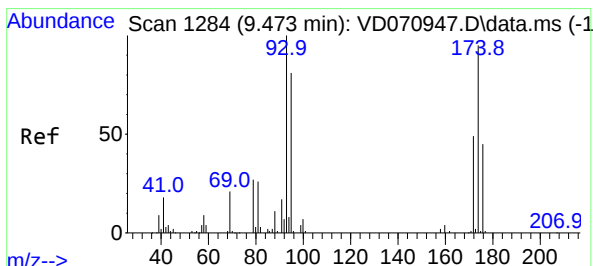
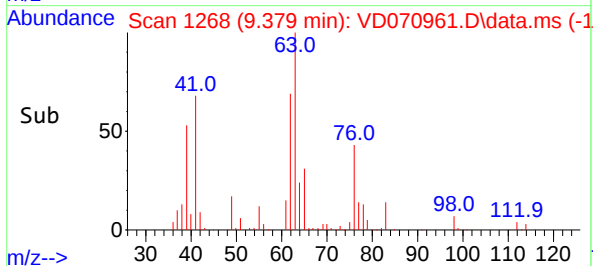
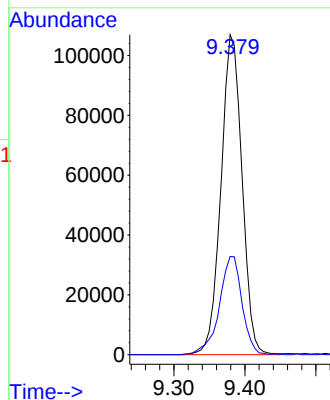
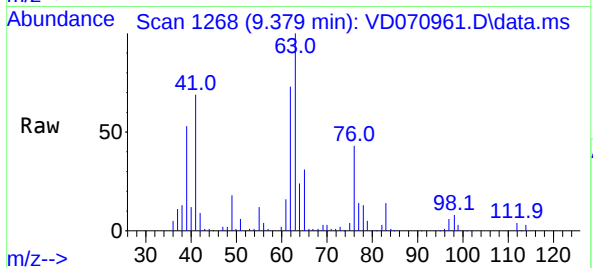
65 30.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 61.503 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

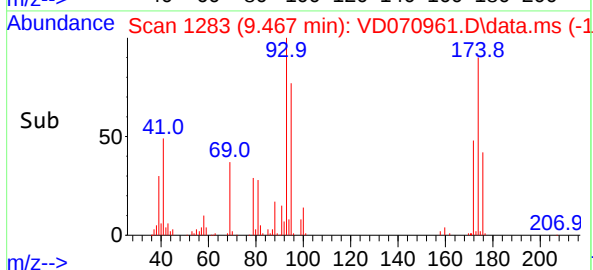
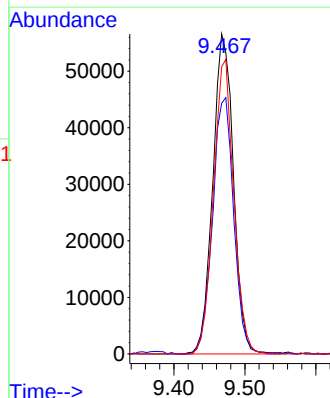
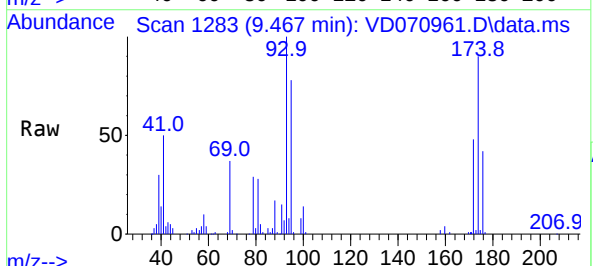
Tgt Ion: 93 Resp: 114218

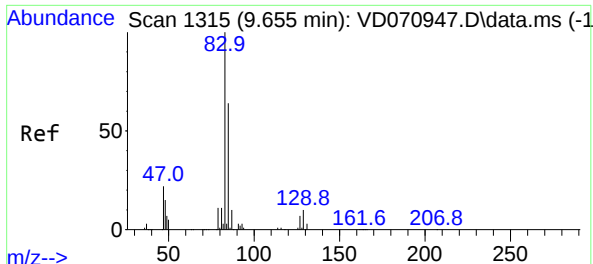
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

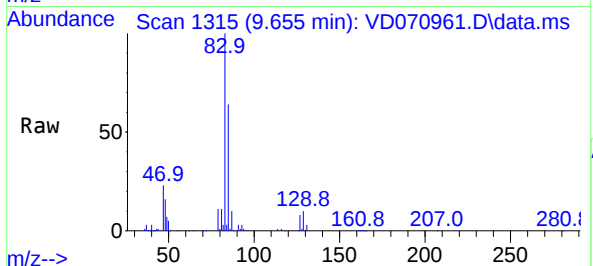
174 90.3 78.6 117.8





#47
Bromodichloromethane
Concen: 59.588 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

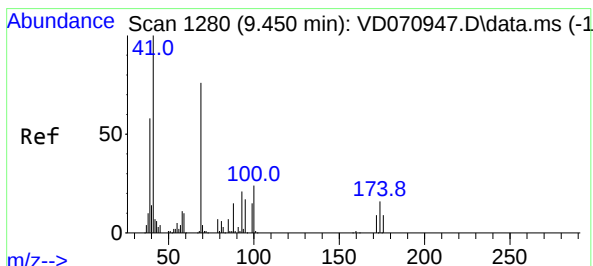
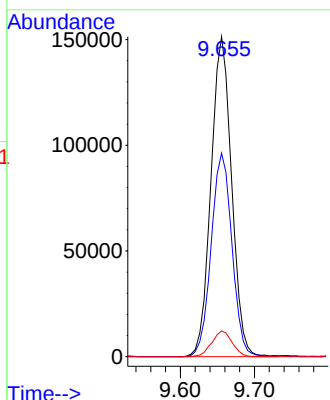
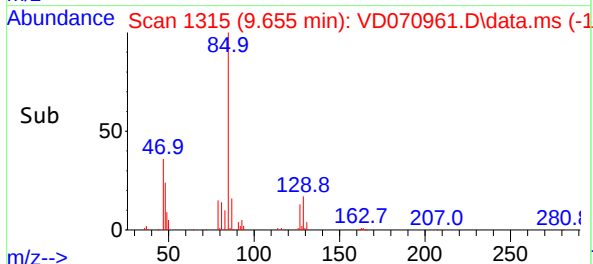
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 292702
Ion Ratio Lower Upper
83 100
85 63.6 50.0 75.0
127 8.0 7.3 10.9

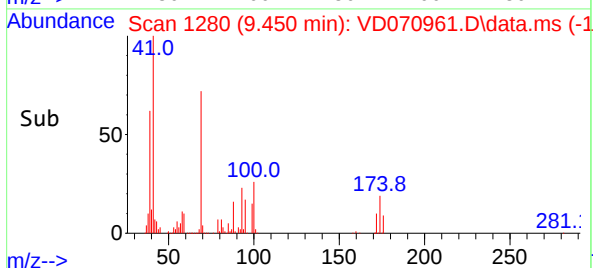
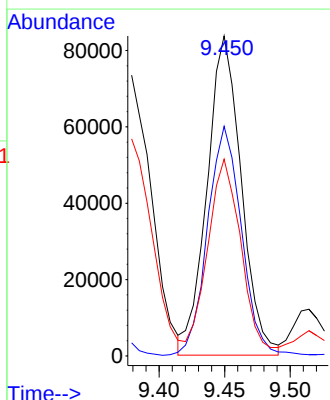
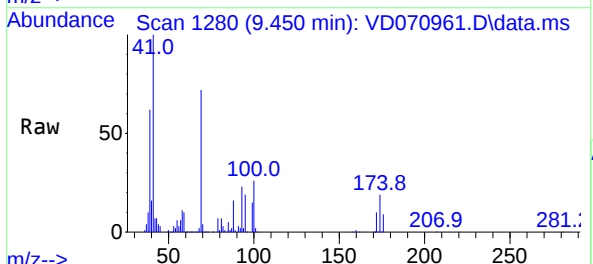
Manual Integrations
APPROVED

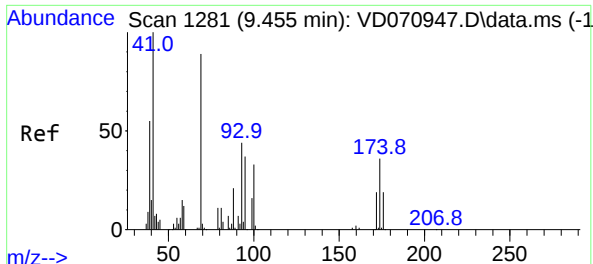
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#48
Methyl methacrylate
Concen: 62.595 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Tgt Ion: 41 Resp: 151887
Ion Ratio Lower Upper
41 100
69 71.5 69.8 104.6
39 60.2 35.6 53.4





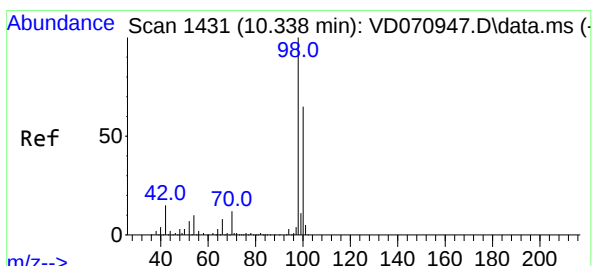
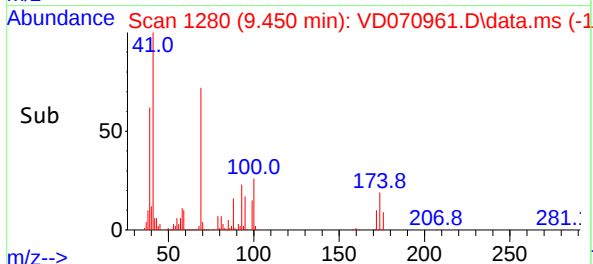
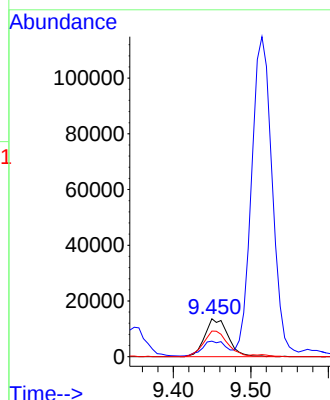
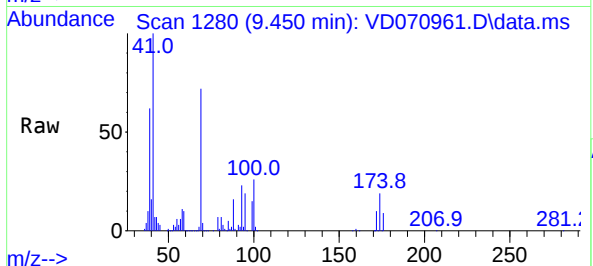
#49
1,4-Dioxane
Concen: 1323.355 ug/l
RT: 9.450 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 28475
Ion Ratio Lower Upper
88 100
43 41.9 28.9 43.3
58 69.6 56.3 84.5

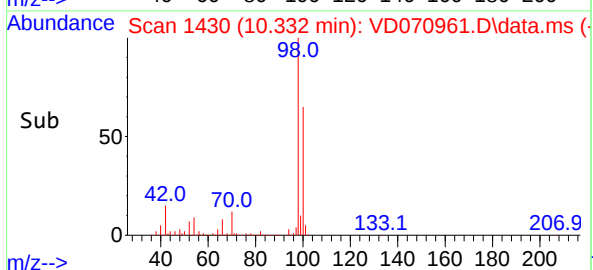
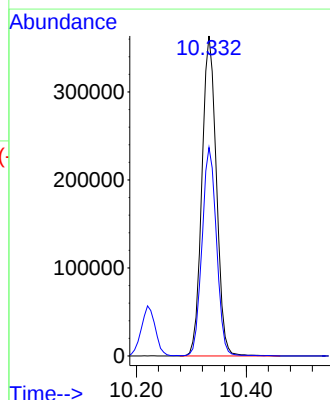
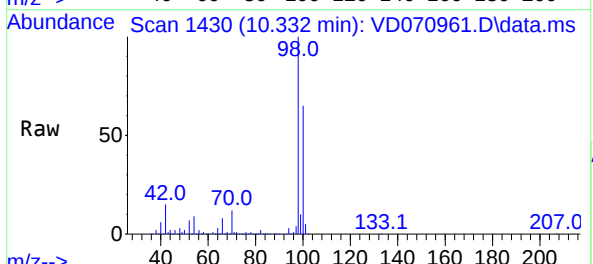
Manual Integrations
APPROVED

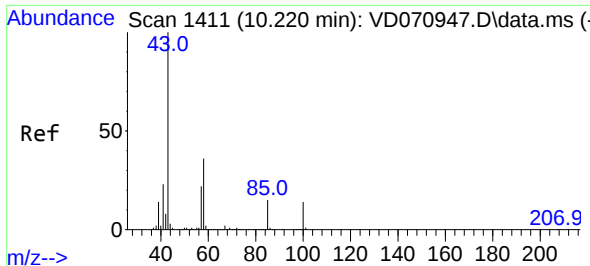
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#50
Toluene-d8
Concen: 52.403 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

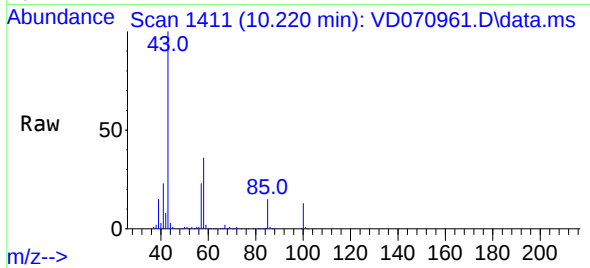
Tgt Ion: 98 Resp: 664433
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 321.091 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

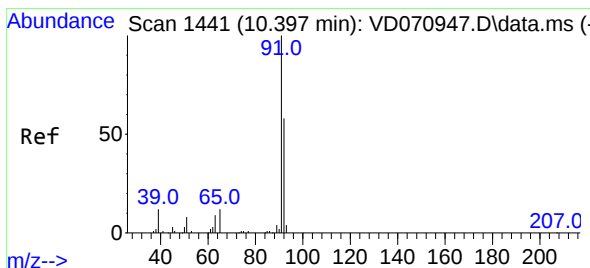
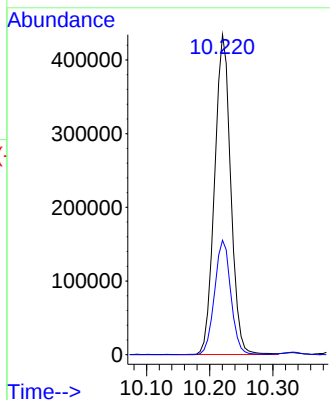
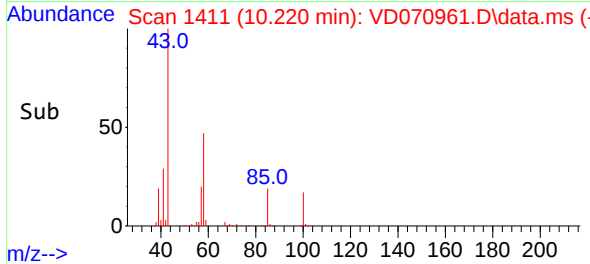
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



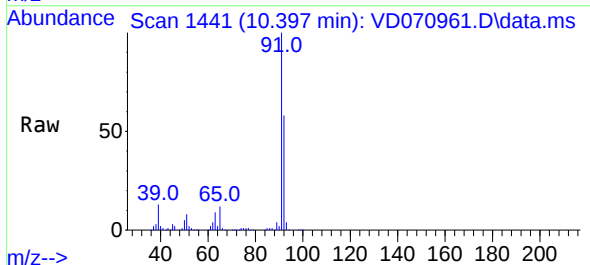
Tgt Ion: 43 Resp: 770000
Ion Ratio Lower Upper
43 100
58 36.1 33.1 49.7

Manual Integrations
APPROVED

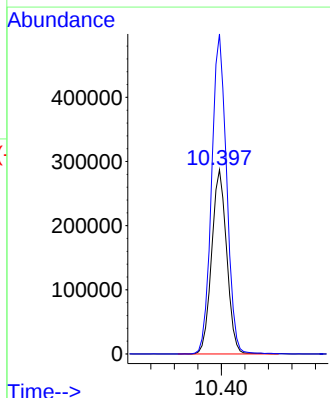
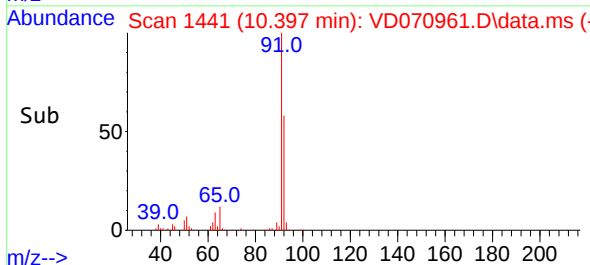
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

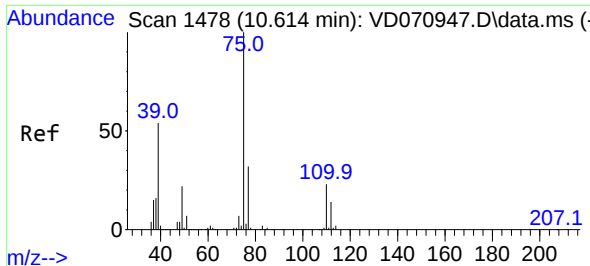


#52
Toluene
Concen: 56.046 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



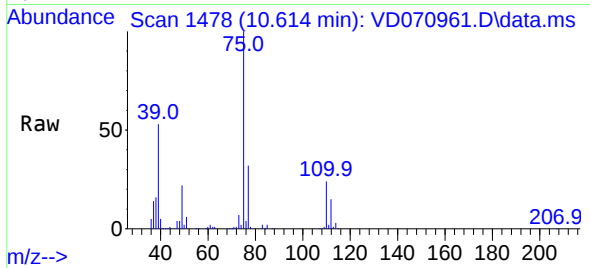
Tgt Ion: 92 Resp: 509700
Ion Ratio Lower Upper
92 100
91 173.4 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 58.376 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

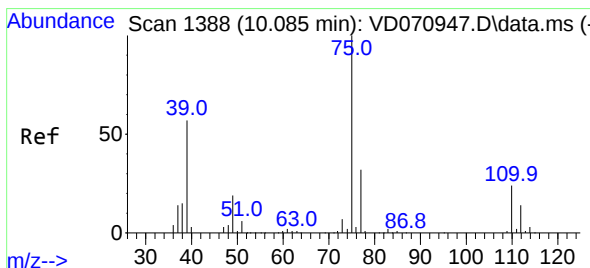
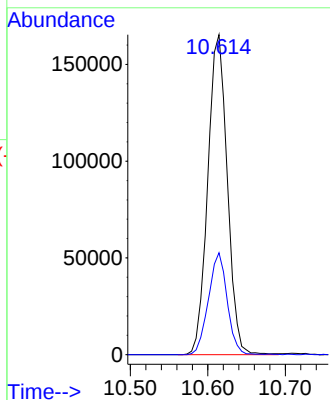
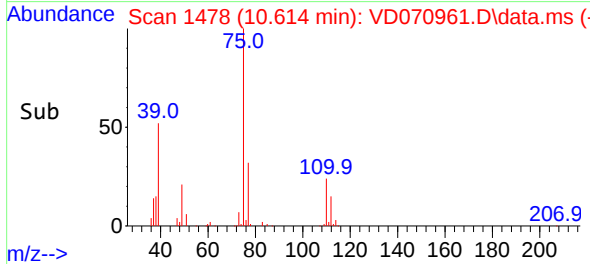
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



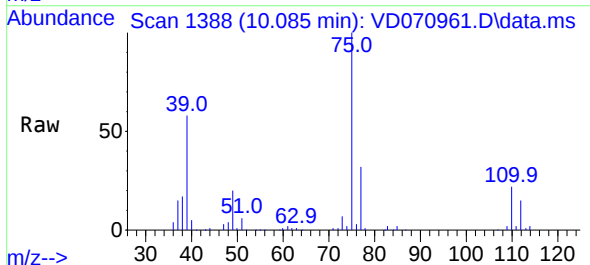
Tgt Ion: 75 Resp: 28916
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7

Manual Integrations
APPROVED

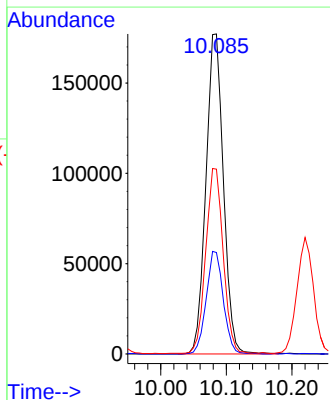
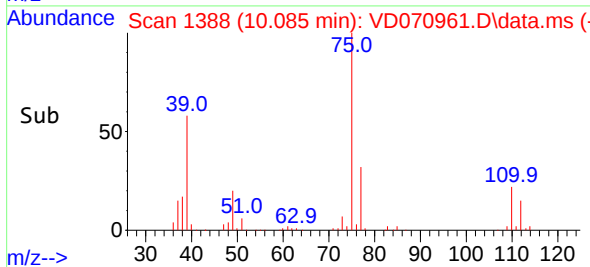
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

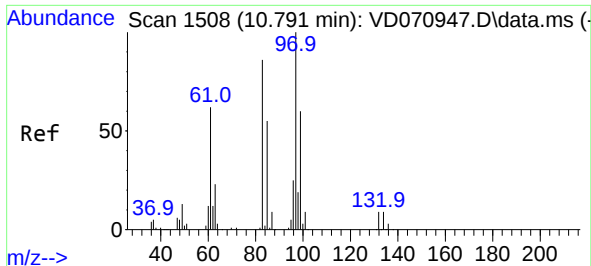


#54
cis-1,3-Dichloropropene
Concen: 56.291 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



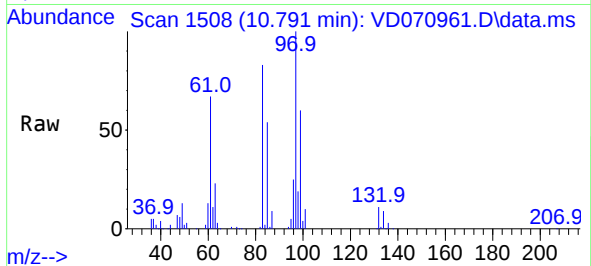
Tgt Ion: 75 Resp: 328806
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 57.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 60.165 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

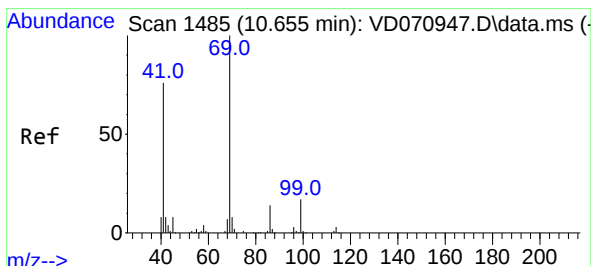
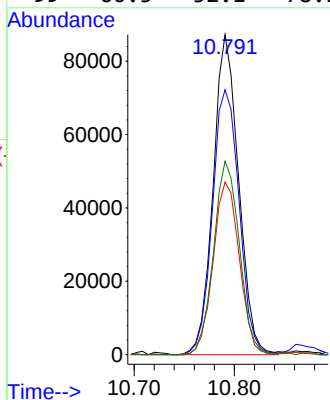
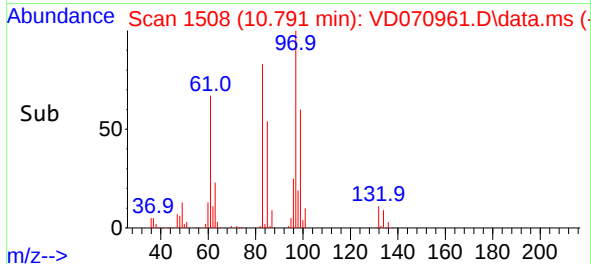
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



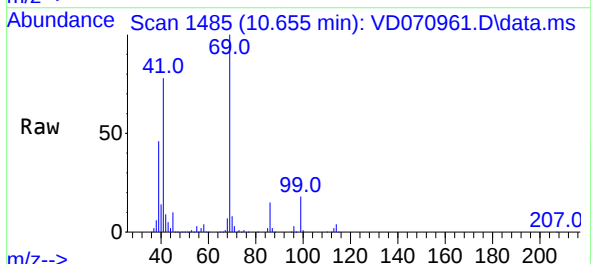
Tgt Ion: 97 Resp: 15356
Ion Ratio Lower Upper
97 100
83 82.8 65.2 97.8
85 54.0 43.4 65.0
99 60.5 52.1 78.1

Manual Integrations
APPROVED

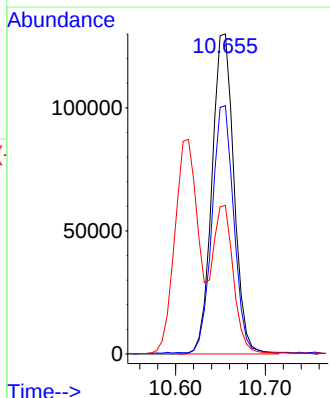
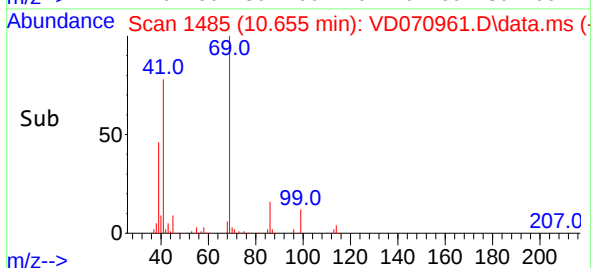
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

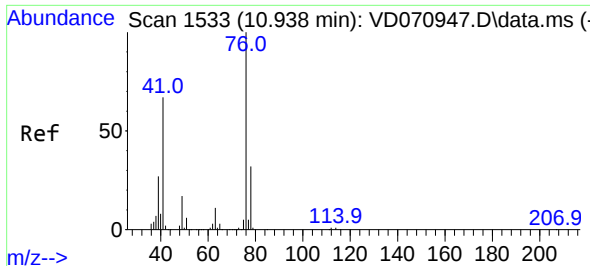


#56
Ethyl methacrylate
Concen: 61.312 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion: 69 Resp: 221423
Ion Ratio Lower Upper
69 100
41 76.9 50.2 75.2#
39 44.8 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 60.446 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD070961.D

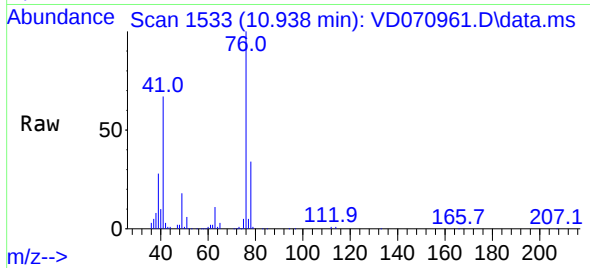
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 280170

Ion Ratio Lower Upper

76 100

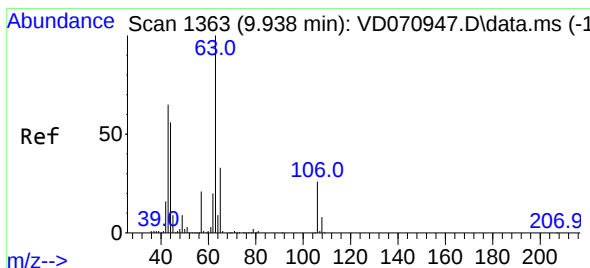
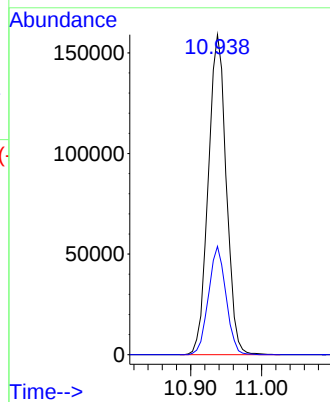
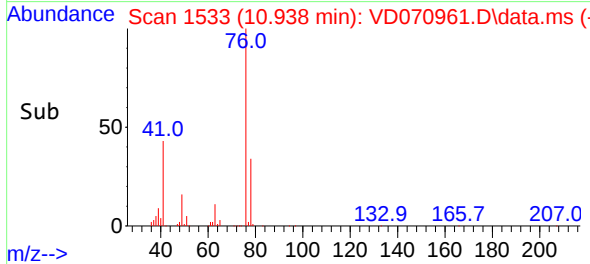
78 32.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 290.980 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD070961.D

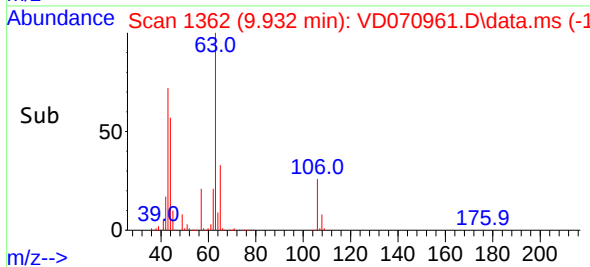
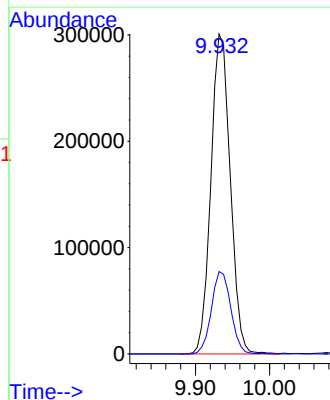
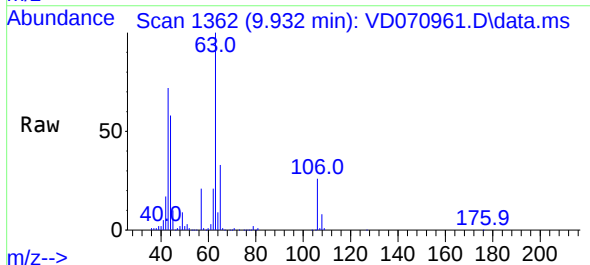
Acq: 09 Nov 2021 20:34

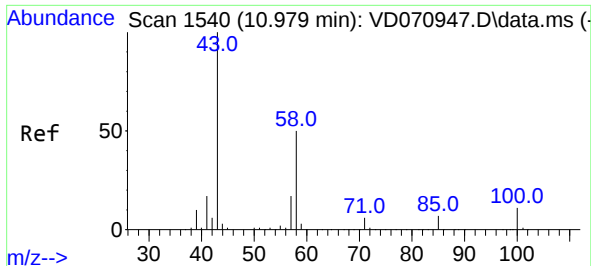
Tgt Ion: 63 Resp: 546305

Ion Ratio Lower Upper

63 100

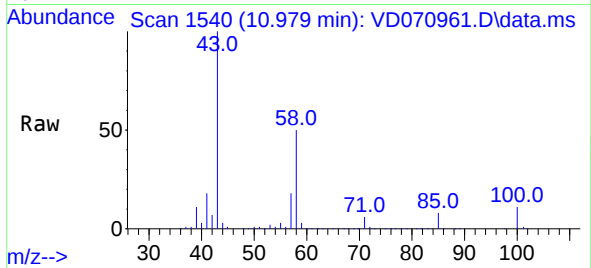
106 25.8 21.0 31.4





#59
2-Hexanone
Concen: 277.570 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

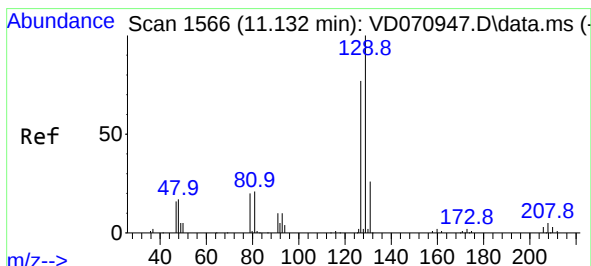
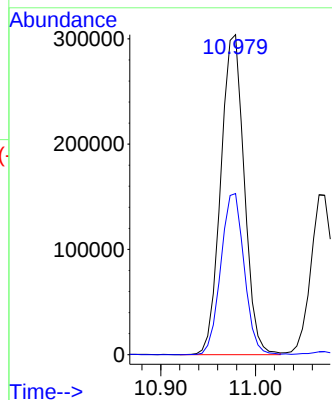
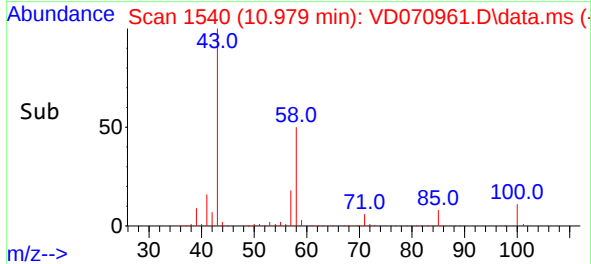
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



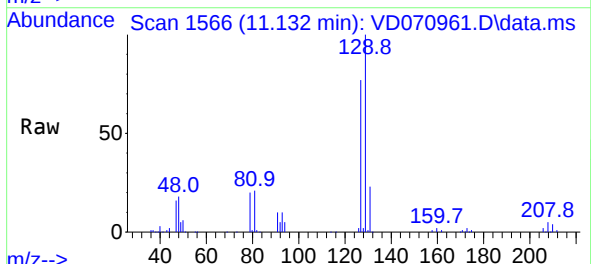
Tgt Ion: 43 Resp: 524038
Ion Ratio Lower Upper
43 100
58 50.3 28.7 86.1

Manual Integrations
APPROVED

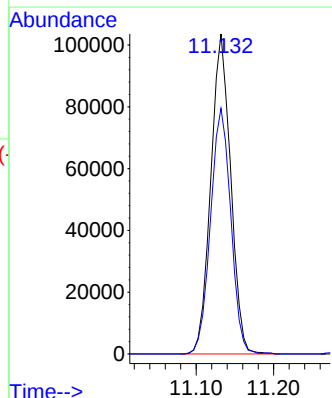
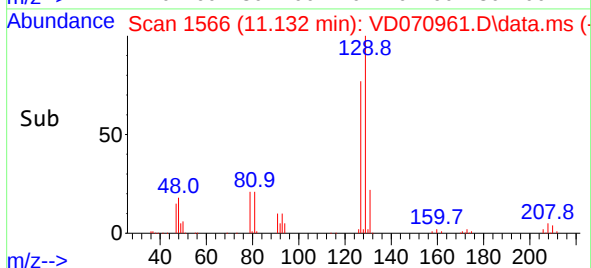
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

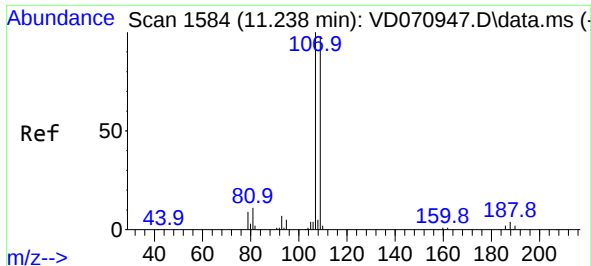


#60
Dibromochloromethane
Concen: 60.178 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



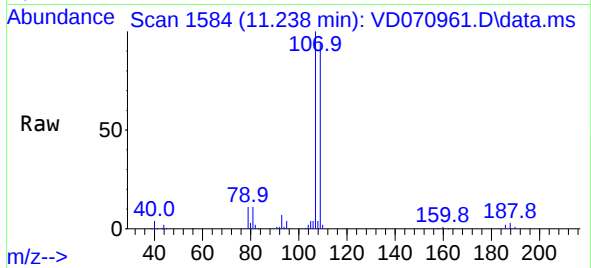
Tgt Ion:129 Resp: 184265
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 60.535 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

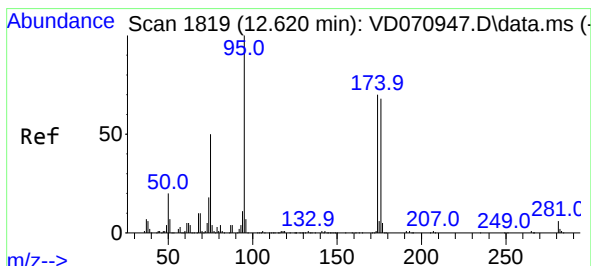
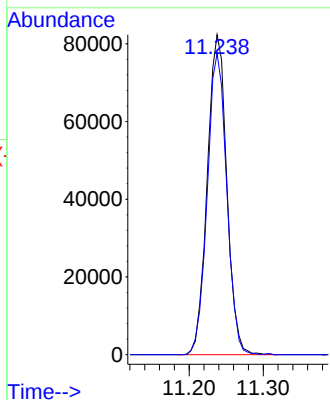
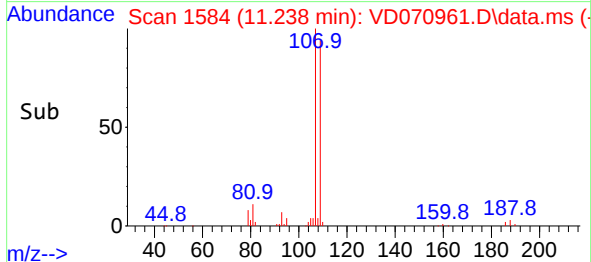
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



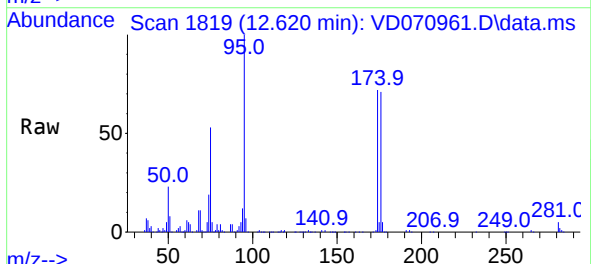
Tgt Ion:107 Resp: 150298
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0

Manual Integrations
APPROVED

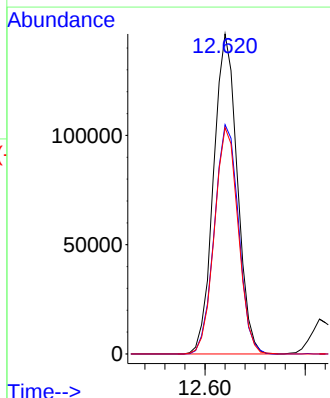
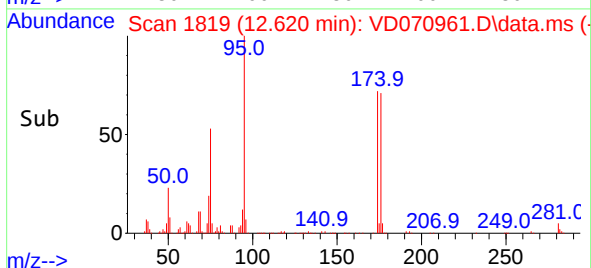
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

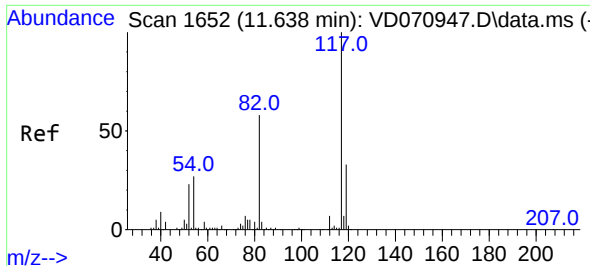


#62
4-Bromofluorobenzene
Concen: 52.644 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



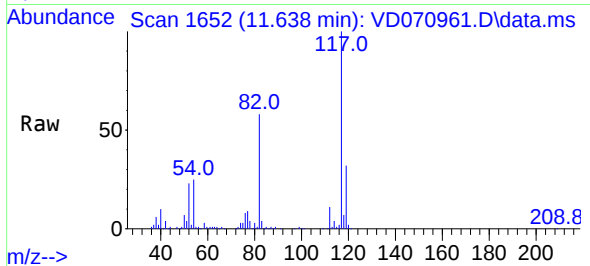
Tgt Ion: 95 Resp: 240339
Ion Ratio Lower Upper
95 100
174 73.0 0.0 159.4
176 71.0 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

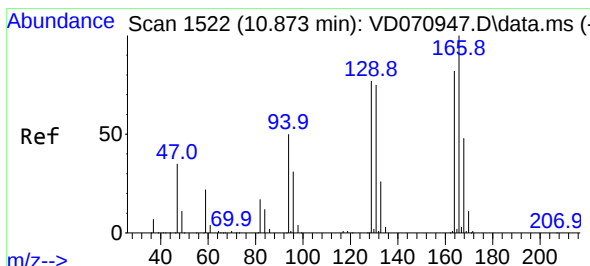
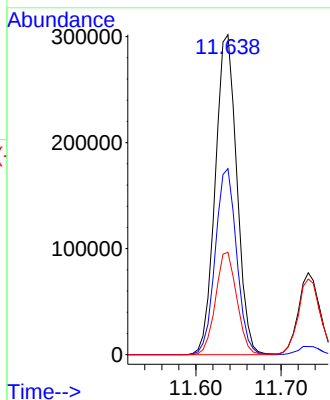
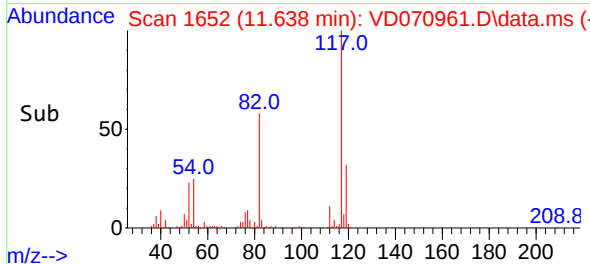
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



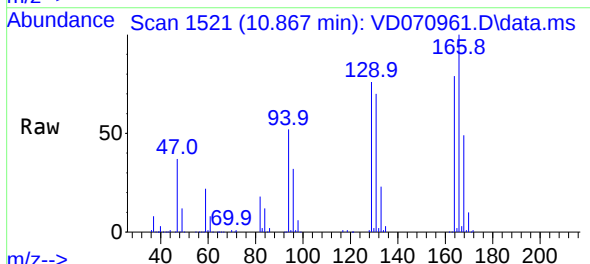
Tgt Ion:117 Resp: 53255
Ion Ratio Lower Upper
117 100
82 58.2 44.7 67.1
119 32.0 26.2 39.4

Manual Integrations
APPROVED

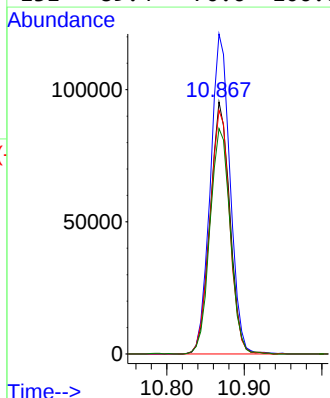
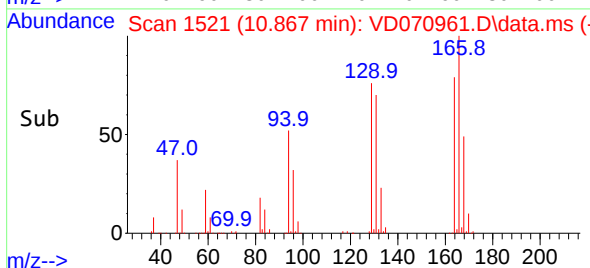
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

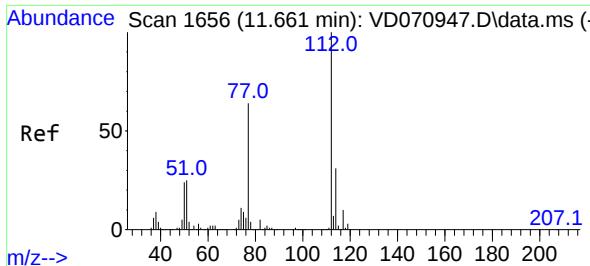


#64
Tetrachloroethene
Concen: 54.367 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



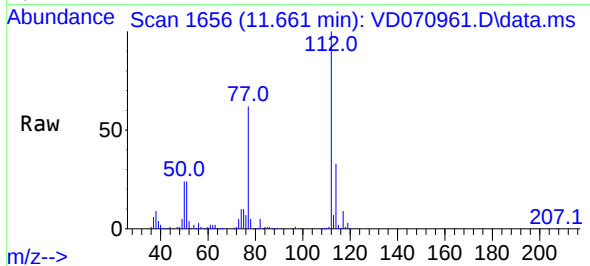
Tgt Ion:164 Resp: 168831
Ion Ratio Lower Upper
164 100
166 127.0 102.6 153.8
129 96.7 75.4 113.0
131 89.4 70.6 106.0





#65
Chlorobenzene
Concen: 55.751 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

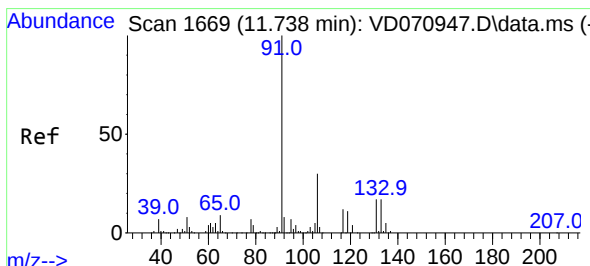
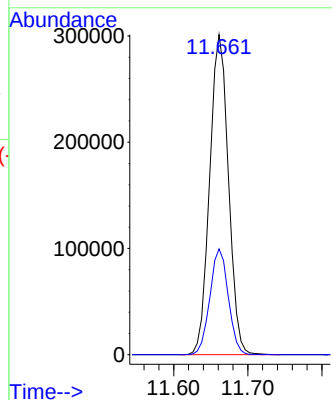
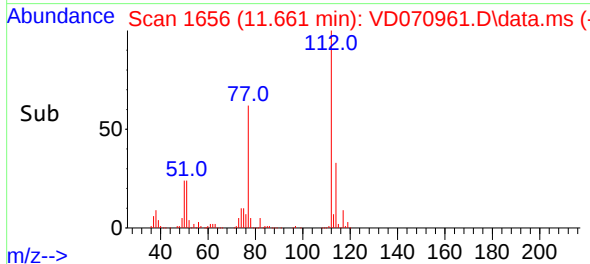
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



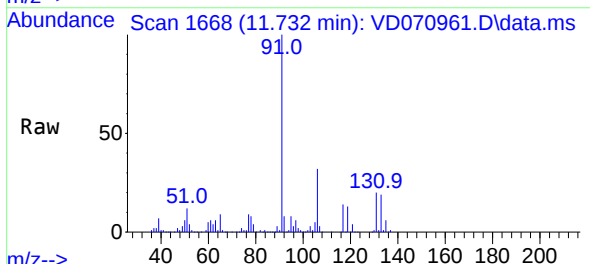
Tgt Ion:112 Resp: 52974
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0

Manual Integrations
APPROVED

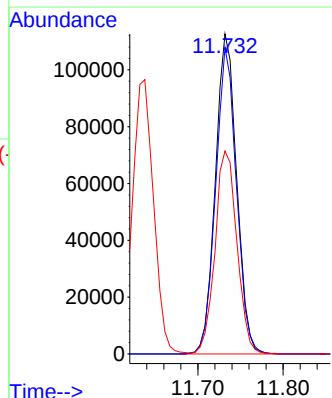
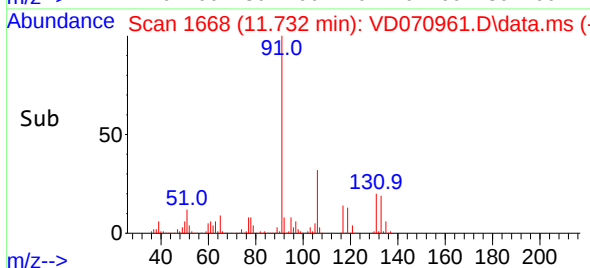
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

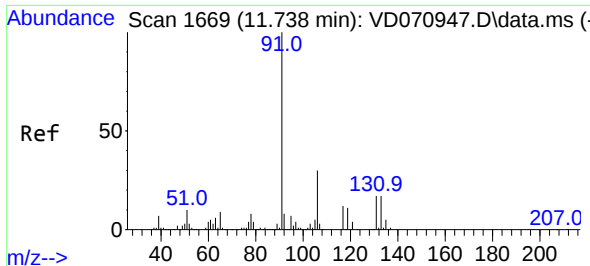


#66
1,1,1,2-Tetrachloroethane
Concen: 57.817 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion:131 Resp: 194992
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.4 33.5 100.4





#67

Ethyl Benzene

Concen: 54.110 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 973680

Ion Ratio Lower Upper

91 100

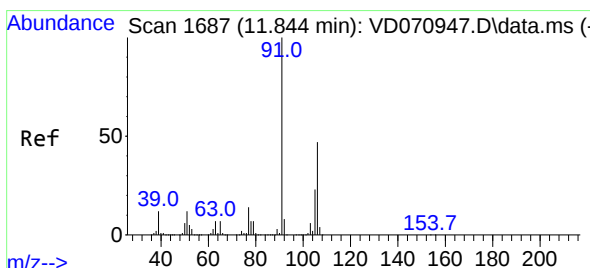
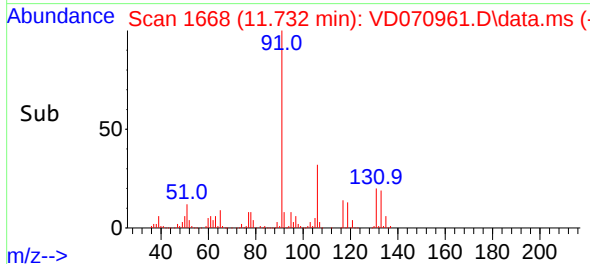
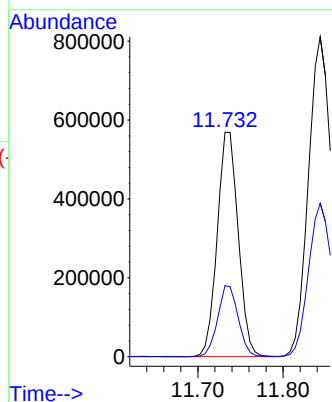
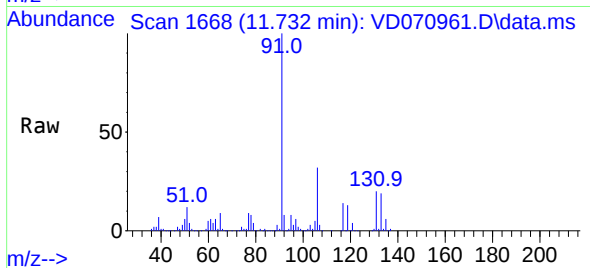
106 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 109.289 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD070961.D

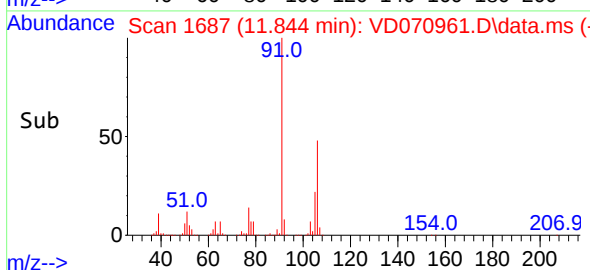
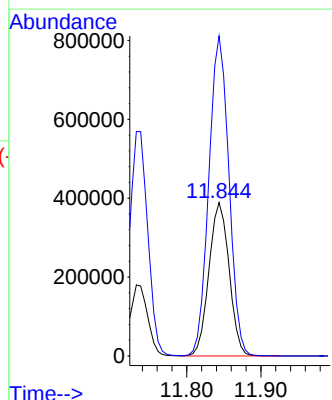
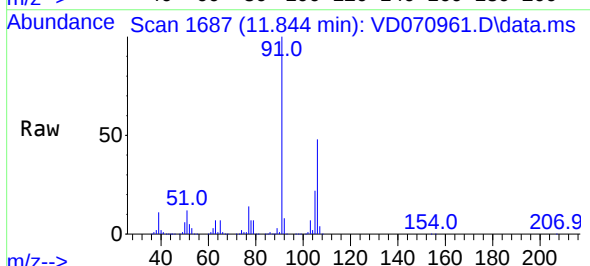
Acq: 09 Nov 2021 20:34

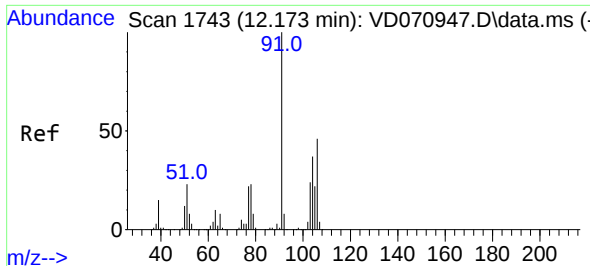
Tgt Ion:106 Resp: 735005

Ion Ratio Lower Upper

106 100

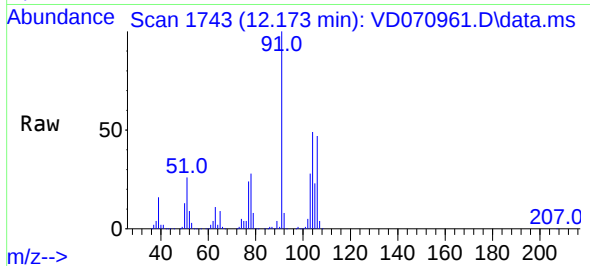
91 207.8 160.1 240.1





#69
o-Xylene
Concen: 56.779 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

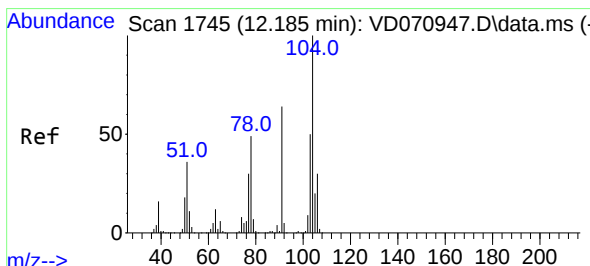
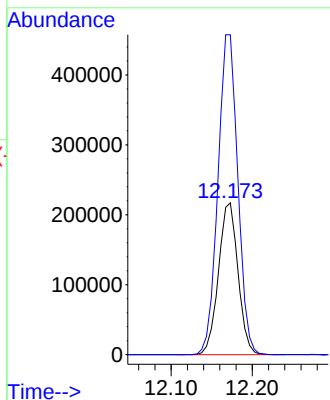
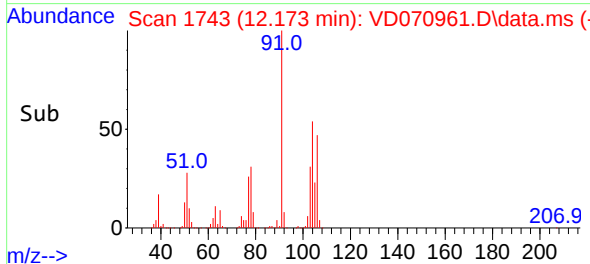
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



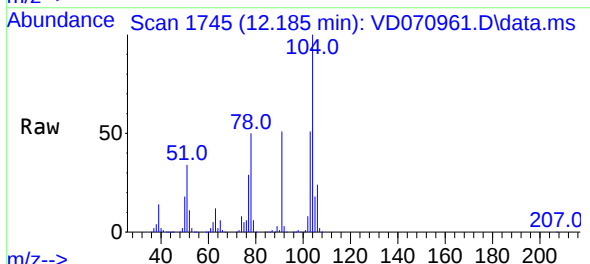
Tgt Ion:106 Resp: 363215
Ion Ratio Lower Upper
106 100
91 214.5 106.3 319.0

Manual Integrations
APPROVED

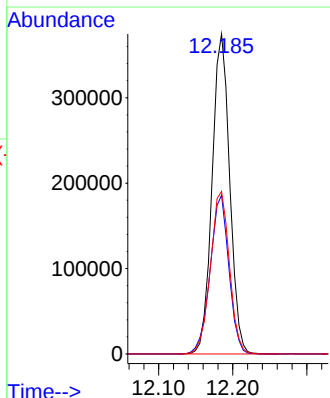
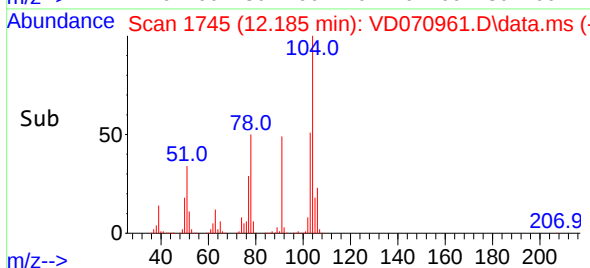
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

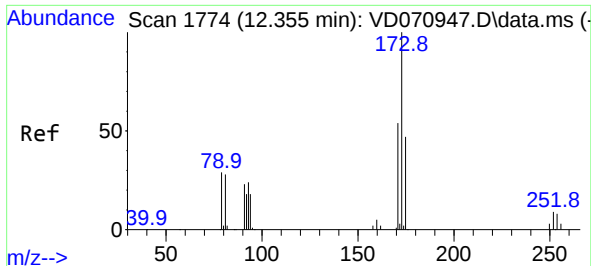


#70
Styrene
Concen: 57.030 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



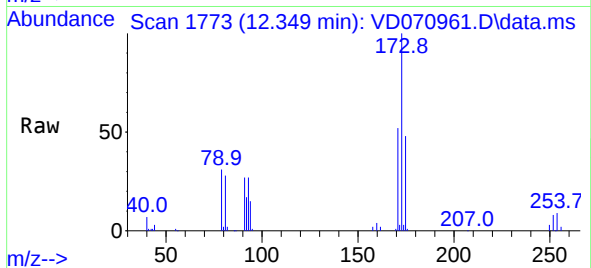
Tgt Ion:104 Resp: 617717
Ion Ratio Lower Upper
104 100
78 52.7 39.4 59.0
103 54.9 43.4 65.0





#71
Bromoform
Concen: 58.828 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

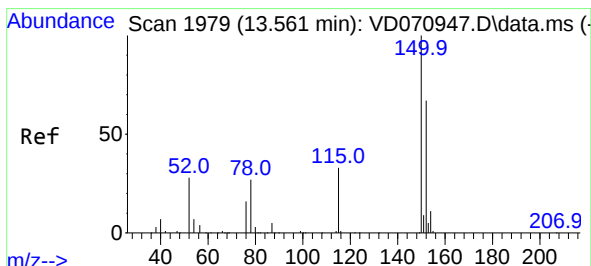
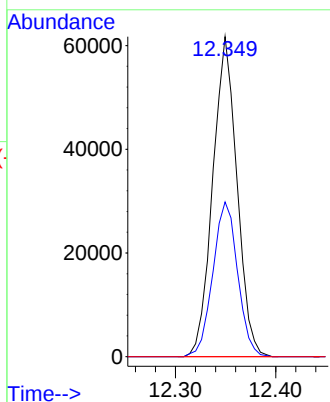
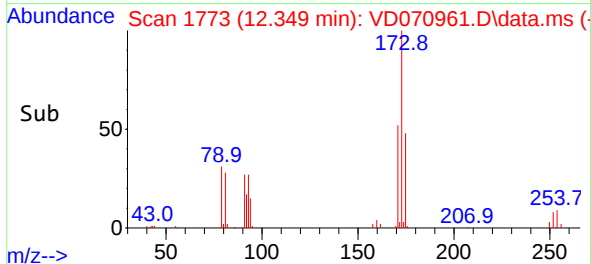
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



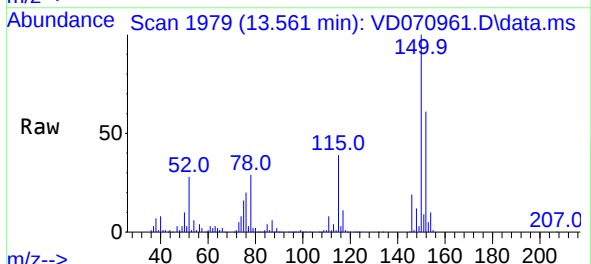
Tgt Ion:173 Resp: 103462
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

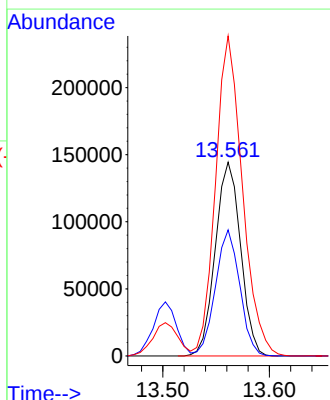
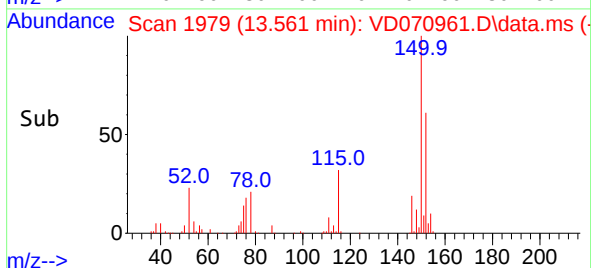
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

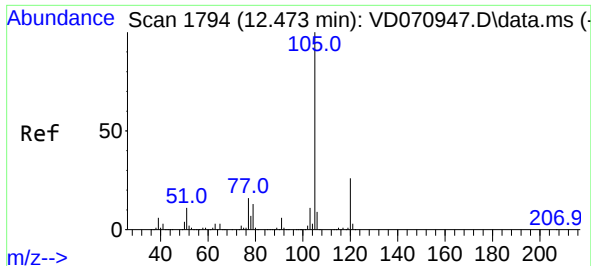


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



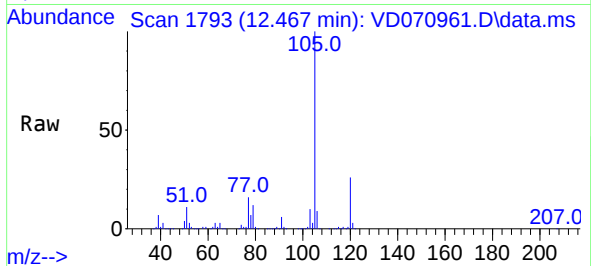
Tgt Ion:152 Resp: 238132
Ion Ratio Lower Upper
152 100
115 62.6 29.8 89.3
150 175.4 0.0 349.2





#73
Isopropylbenzene
Concen: 53.508 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

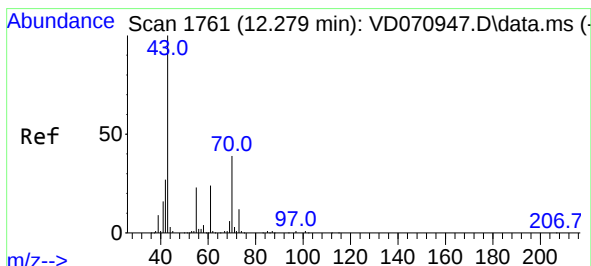
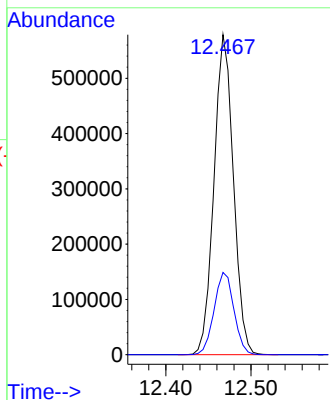
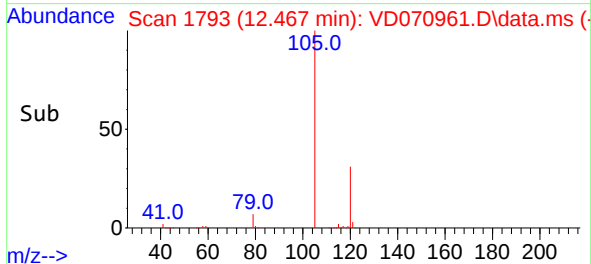
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



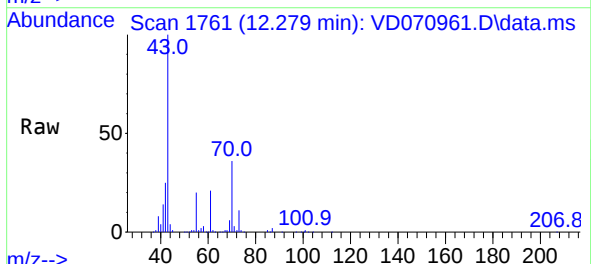
Tgt Ion:105 Resp: 917944
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

Manual Integrations
APPROVED

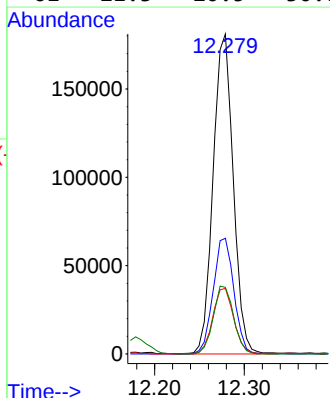
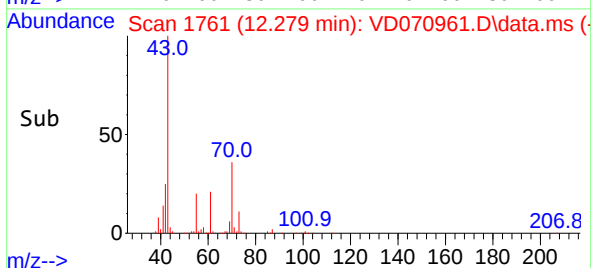
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

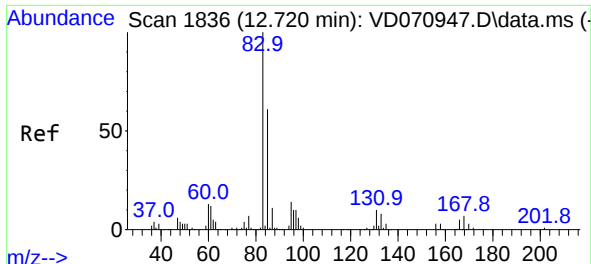


#74
N-ethyl acetate
Concen: 57.621 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



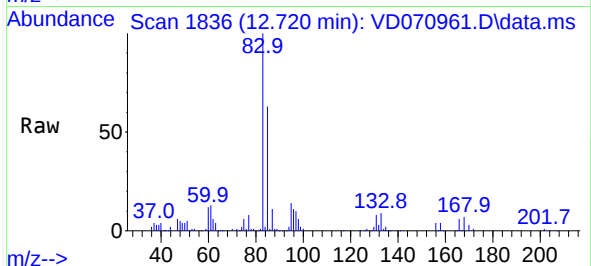
Tgt Ion: 43 Resp: 282406
Ion Ratio Lower Upper
43 100
70 37.3 36.6 55.0
55 21.4 22.5 33.7#
61 21.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 59.885 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

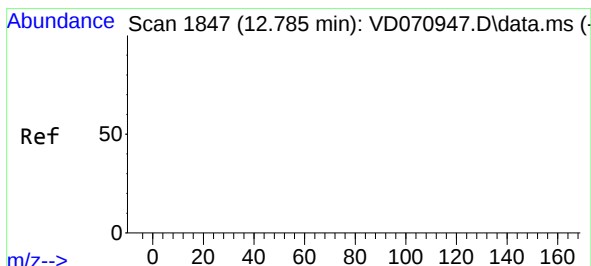
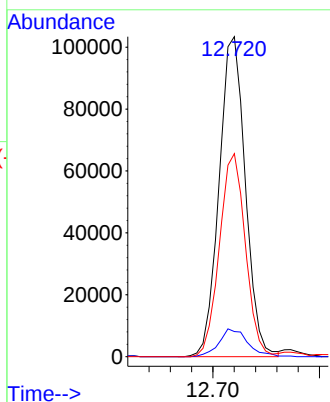
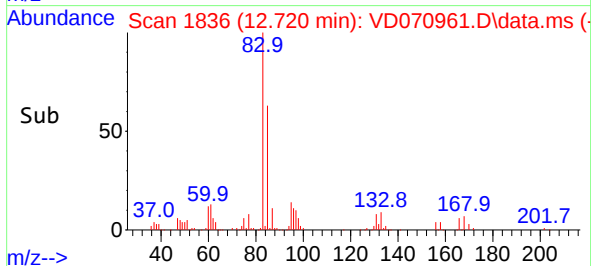
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 176830
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 62.6 32.0 96.2

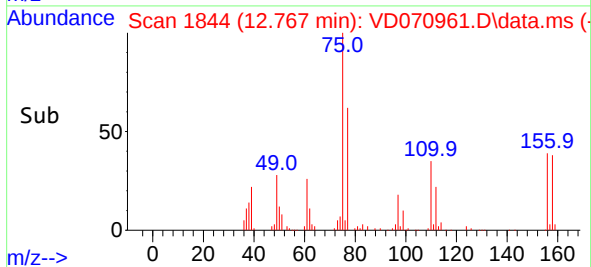
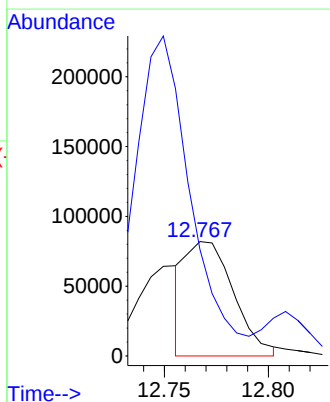
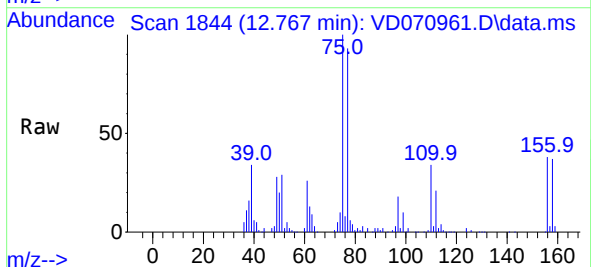
Manual Integrations
APPROVED

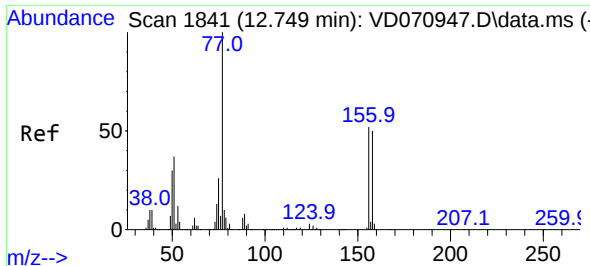
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 65.020 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.018 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

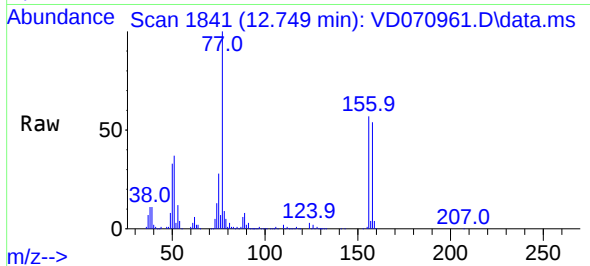
Tgt Ion: 75 Resp: 132260
Ion Ratio Lower Upper
75 100
77 325.0 158.4 475.3





#77
Bromobenzene
Concen: 56.727 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

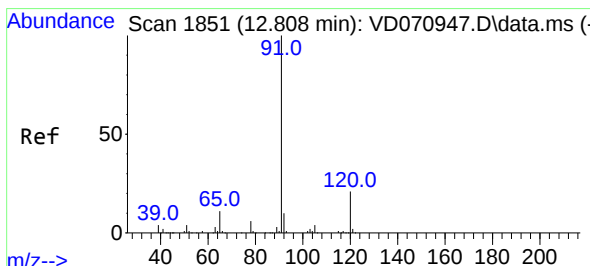
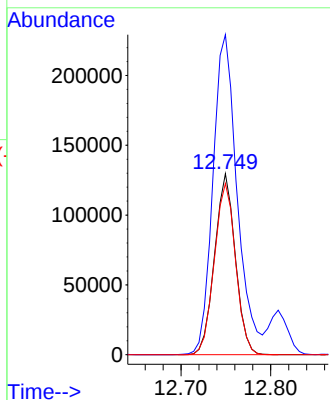
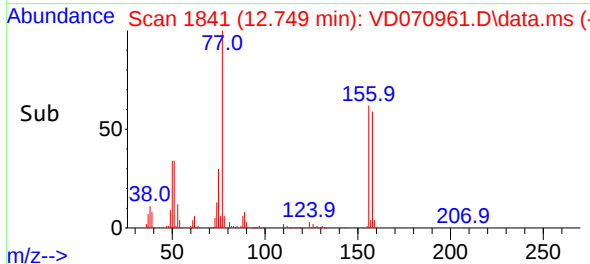
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



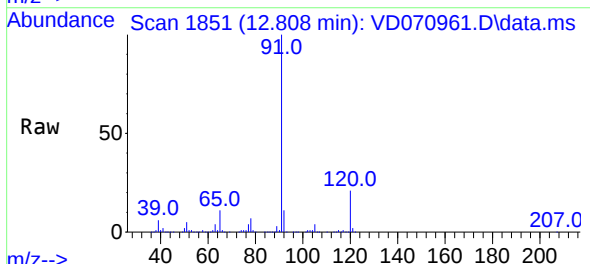
Tgt Ion:156 Resp: 207930
Ion Ratio Lower Upper
156 100
77 206.8 96.6 289.8
158 97.1 49.1 147.4

Manual Integrations
APPROVED

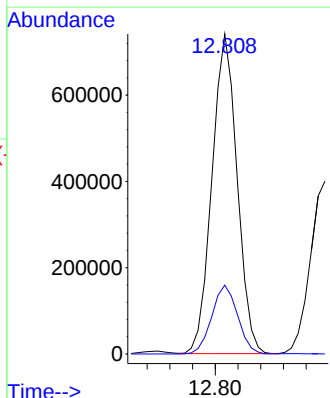
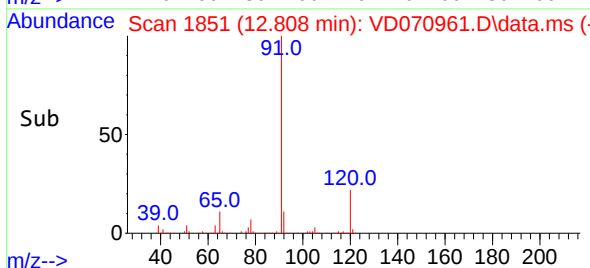
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

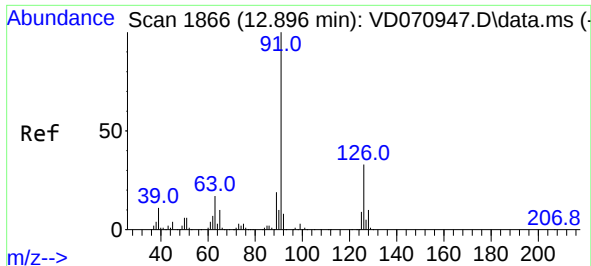


#78
n-propylbenzene
Concen: 53.566 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion: 91 Resp: 1138657
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79
2-Chlorotoluene
Concen: 54.351 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

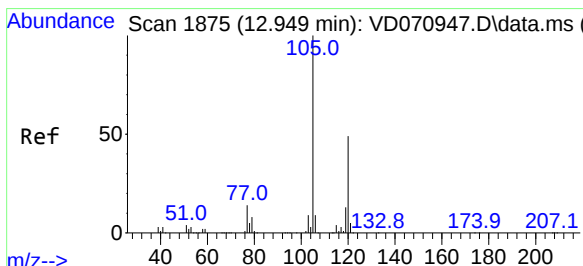
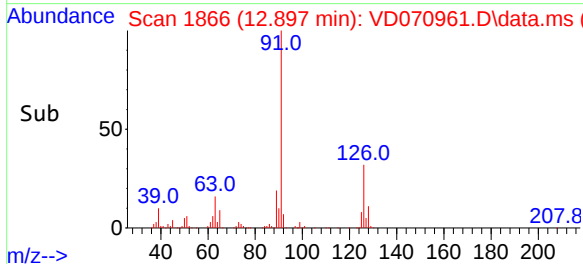
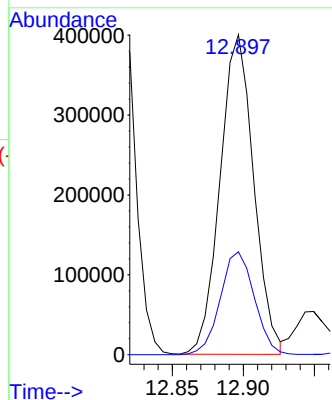
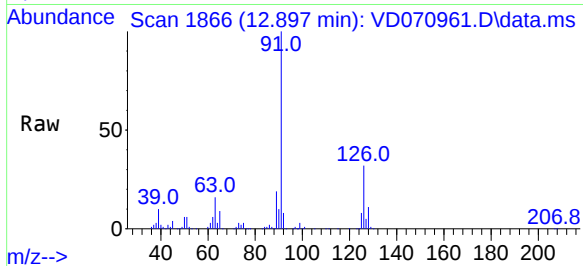
VSTDCCC050EC

Tgt Ion: 91 Resp: 658750
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7

Manual Integrations

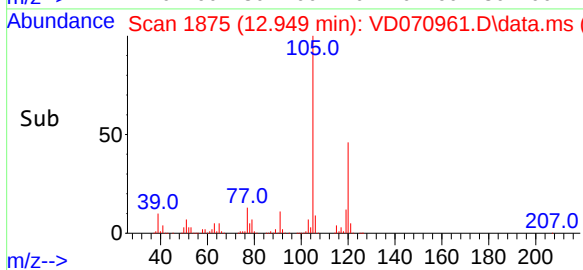
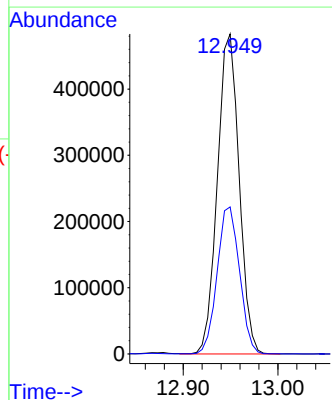
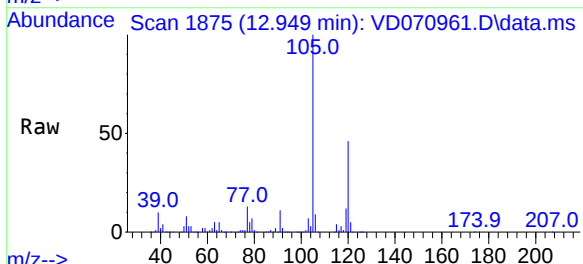
APPROVED

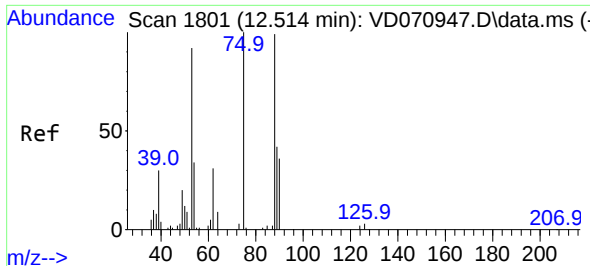
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.605 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

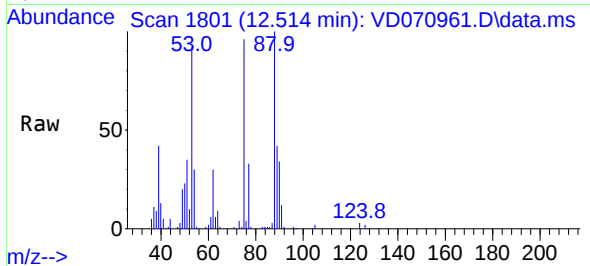
Tgt Ion:105 Resp: 771292
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.520 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

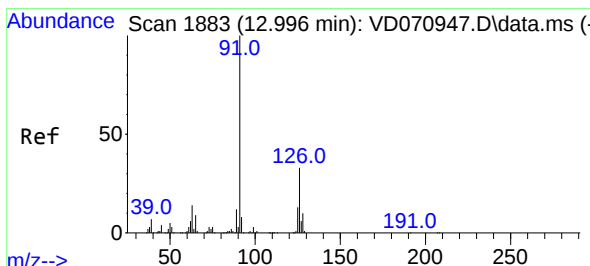
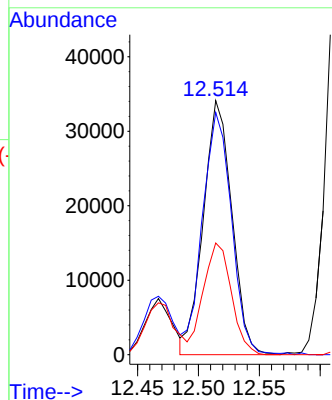
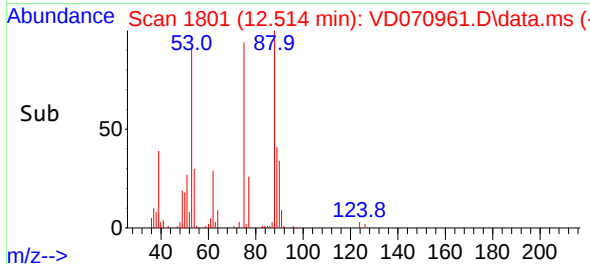
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5565
Ion Ratio Lower Upper
75 100
53 97.2 62.6 94.0
89 43.1 34.5 51.7

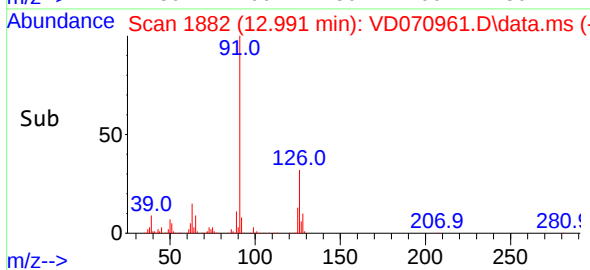
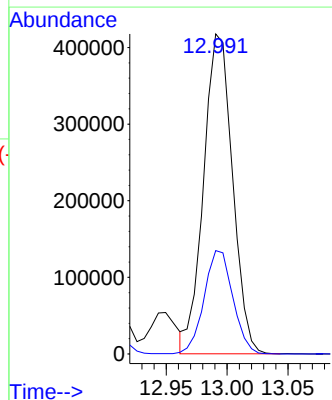
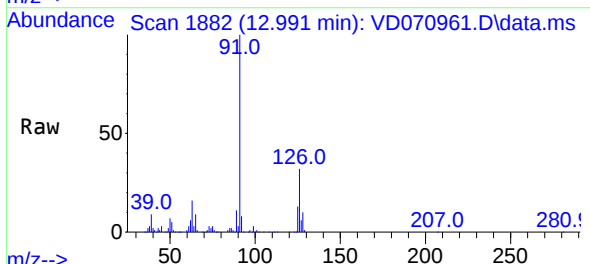
Manual Integrations
APPROVED

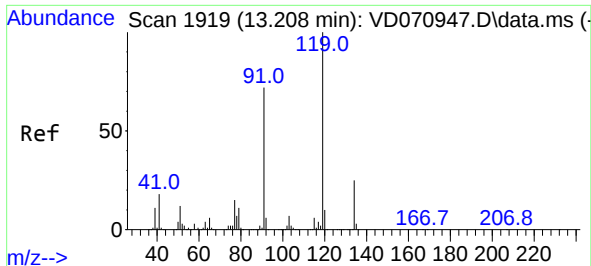
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 55.285 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.005 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

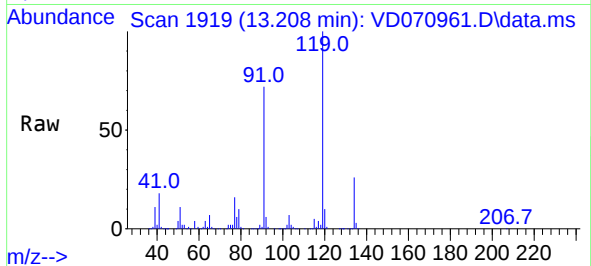
Tgt Ion: 91 Resp: 691559
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1





#83
tert-Butylbenzene
Concen: 54.308 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

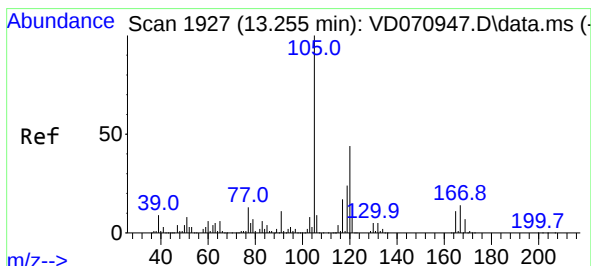
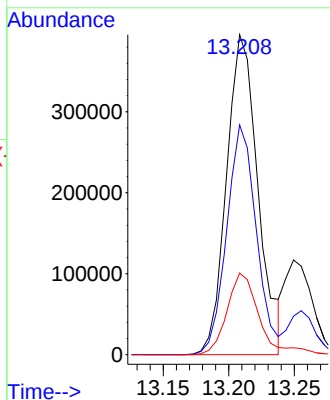
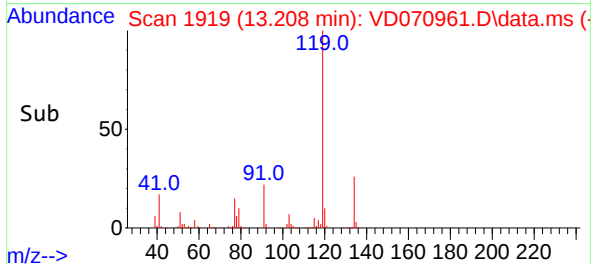
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



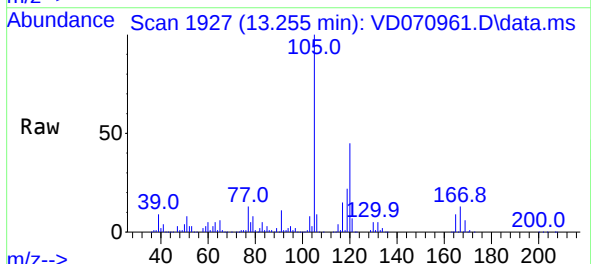
Tgt Ion:119 Resp: 660799
Ion Ratio Lower Upper
119 100
91 67.6 32.5 97.5
134 26.1 13.2 39.6

Manual Integrations
APPROVED

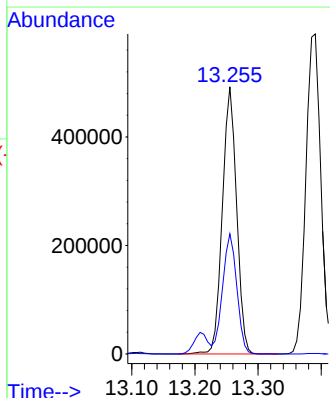
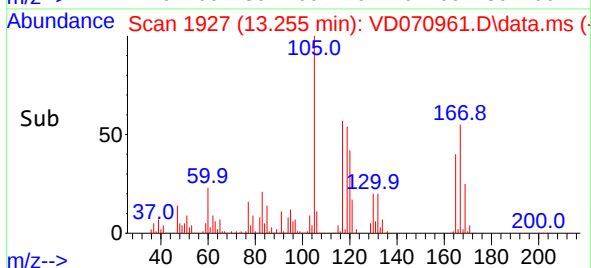
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

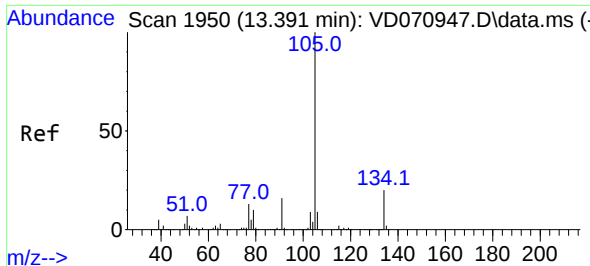


#84
1,2,4-Trimethylbenzene
Concen: 55.712 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



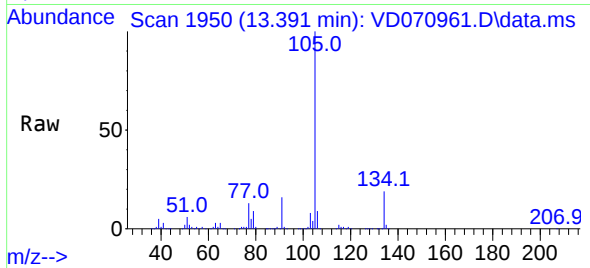
Tgt Ion:105 Resp: 770674
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 52.906 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070961.D
 Acq: 09 Nov 2021 20:34

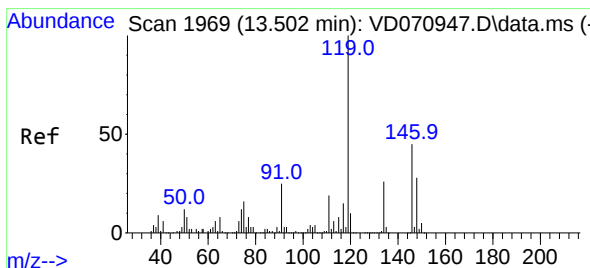
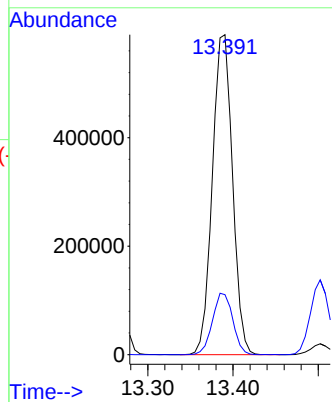
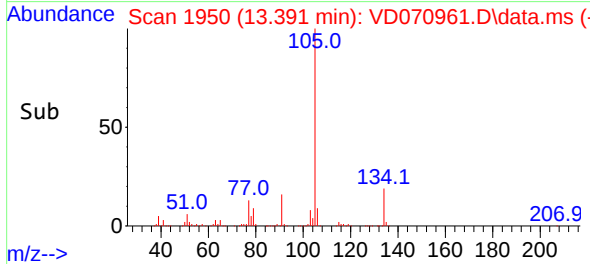
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



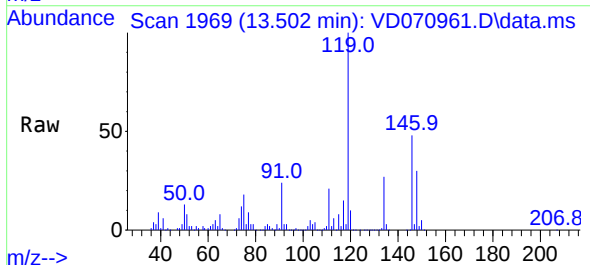
Tgt Ion:105 Resp: 967792
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

Manual Integrations
 APPROVED

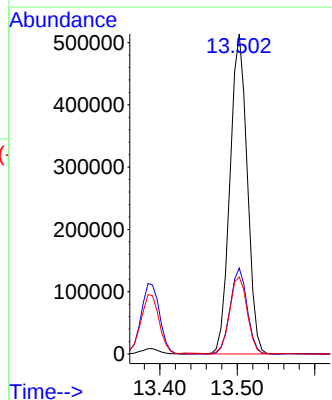
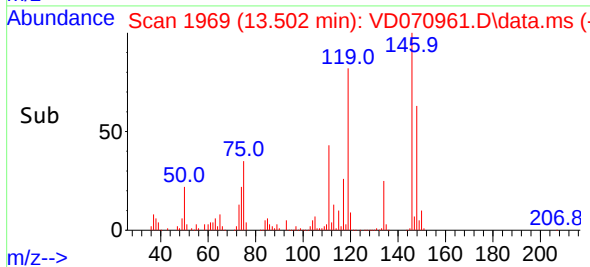
Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

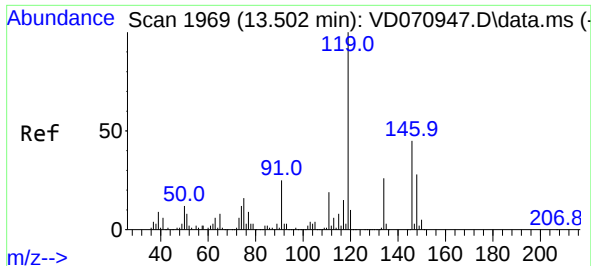


#86
 p-Isopropyltoluene
 Concen: 54.122 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070961.D
 Acq: 09 Nov 2021 20:34



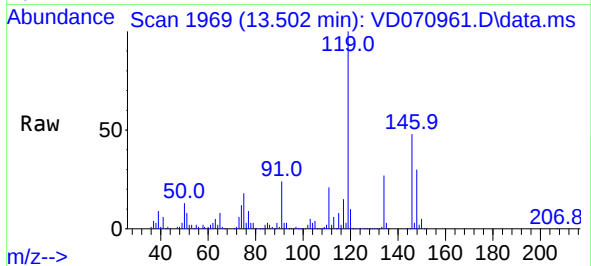
Tgt Ion:119 Resp: 794975
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.5 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 55.738 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

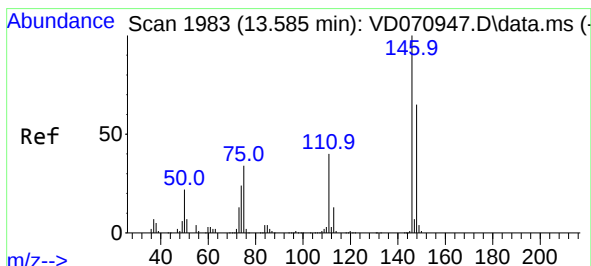
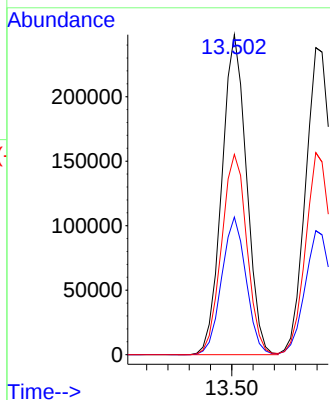
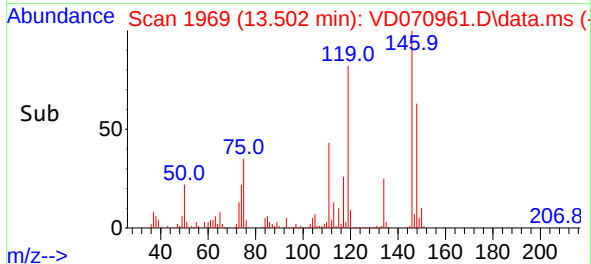
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



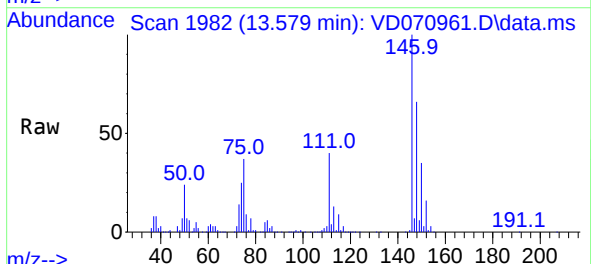
Tgt Ion:146 Resp: 39946
Ion Ratio Lower Upper
146 100
111 42.5 19.8 59.4
148 64.2 32.1 96.3

Manual Integrations
APPROVED

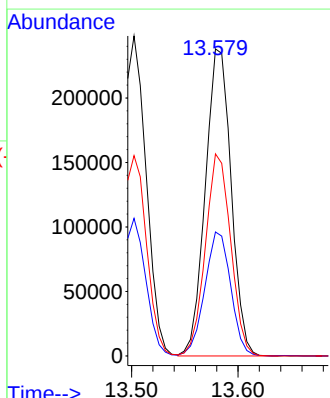
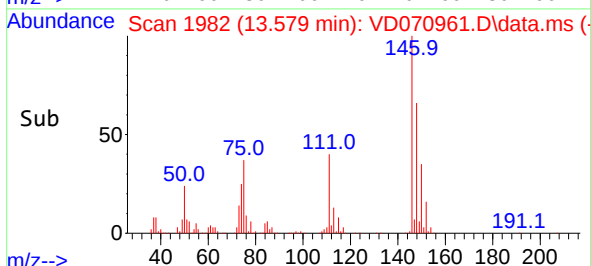
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

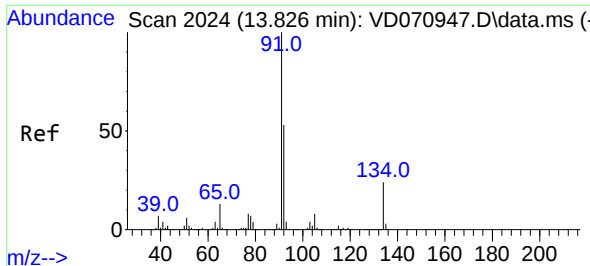


#88
1,4-Dichlorobenzene
Concen: 55.903 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion:146 Resp: 401144
Ion Ratio Lower Upper
146 100
111 40.6 19.6 58.8
148 64.7 31.5 94.5





#89
n-Butylbenzene
Concen: 53.069 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

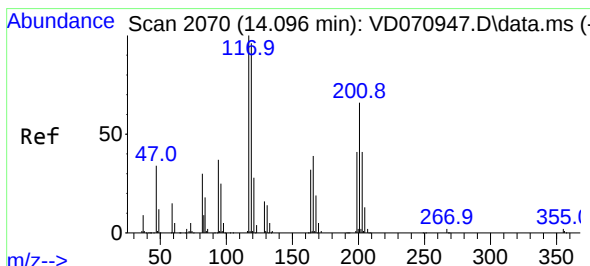
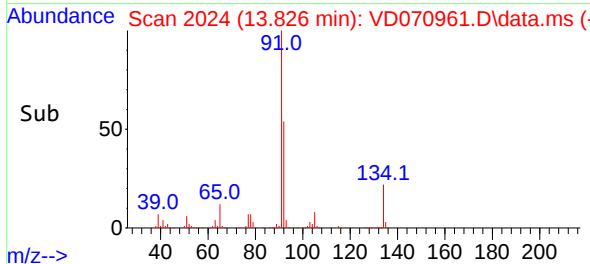
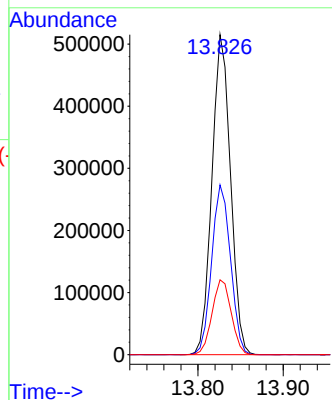
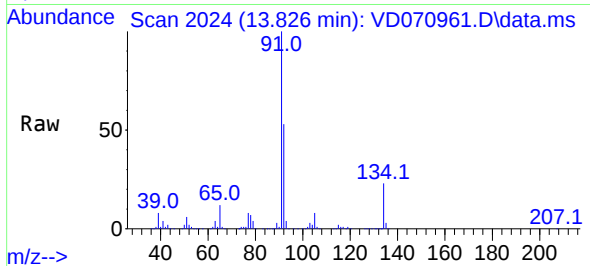
VSTDCCC050EC

Tgt Ion: 91 Resp: 78339
Ion Ratio Lower Upper
91 100
92 53.7 27.3 81.9
134 24.1 12.3 36.9

Manual Integrations

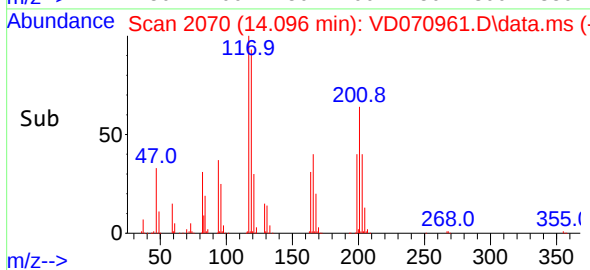
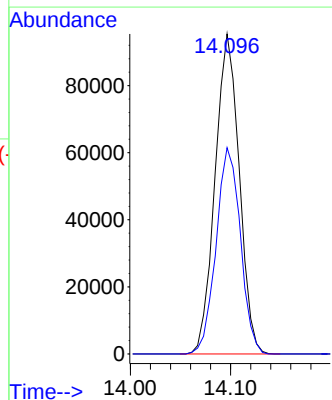
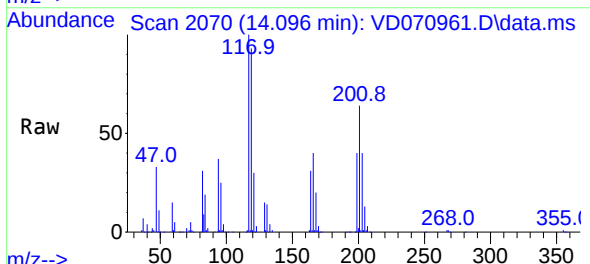
APPROVED

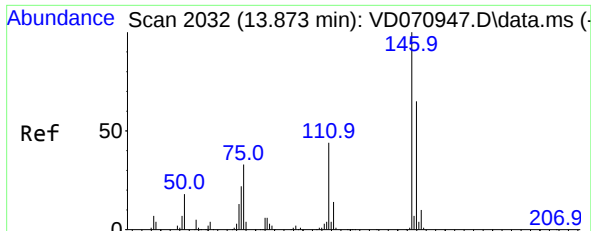
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 54.903 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Tgt Ion:117 Resp: 159586
Ion Ratio Lower Upper
117 100
201 64.8 36.0 108.1





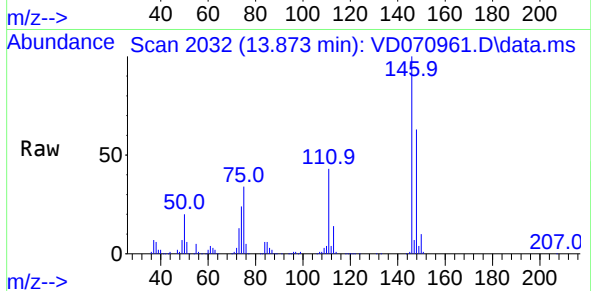
#91
1,2-Dichlorobenzene
Concen: 57.861 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

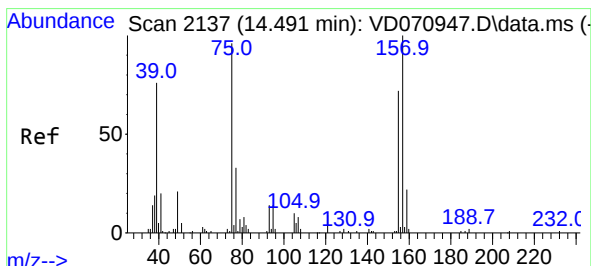
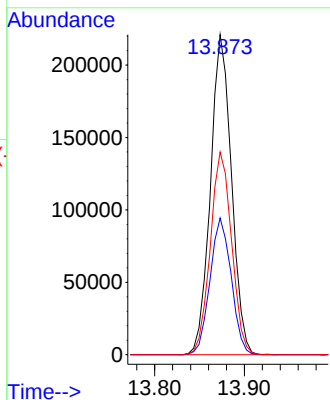
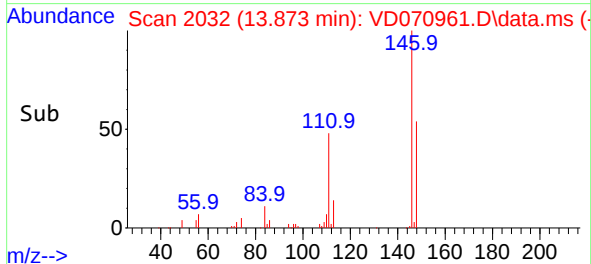


Tgt Ion:146 Resp: 359319
Ion Ratio Lower Upper
146 100
111 43.0 20.8 62.2
148 64.3 31.7 95.1

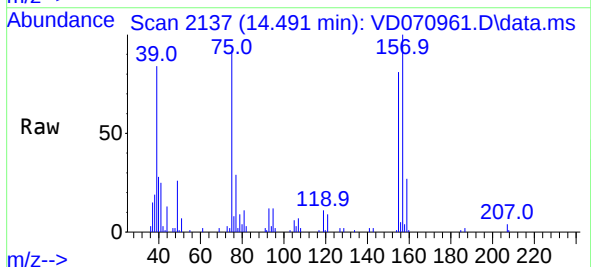
Manual Integrations

APPROVED

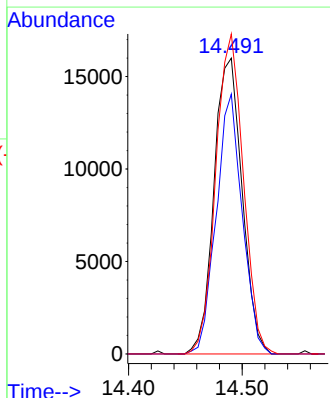
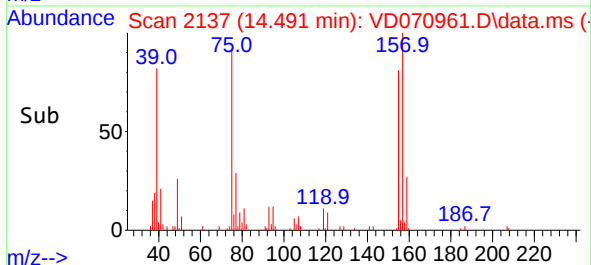
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

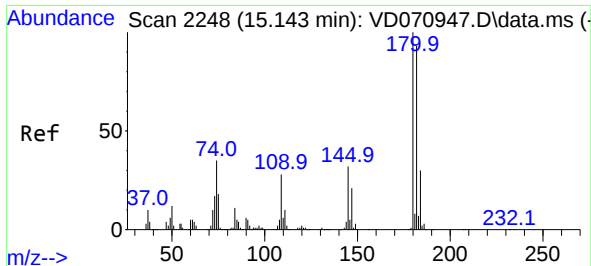


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.780 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



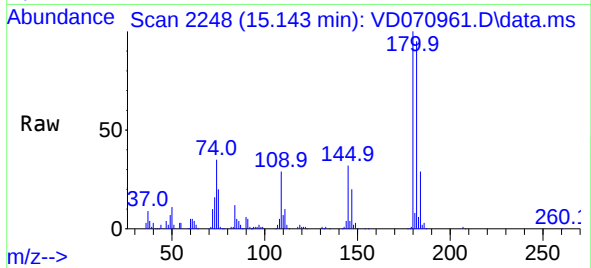
Tgt Ion: 75 Resp: 27498
Ion Ratio Lower Upper
75 100
155 81.4 40.0 120.0
157 106.0 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 56.308 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

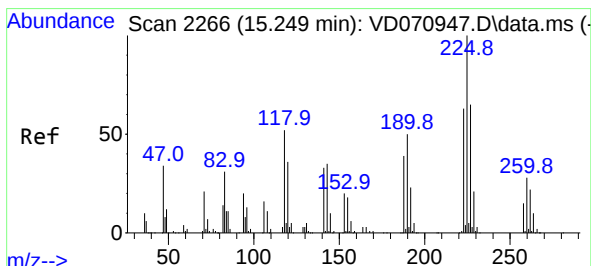
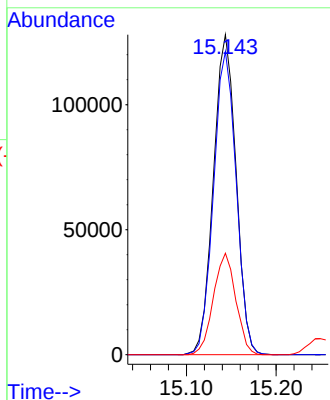
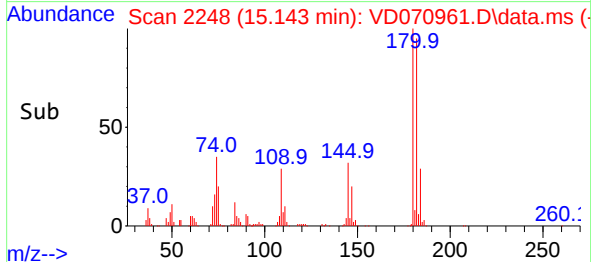
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



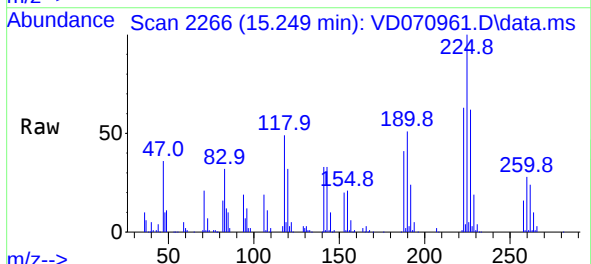
Tgt Ion:180 Resp: 22372
Ion Ratio Lower Upper
180 100
182 94.7 48.2 144.6
145 31.5 15.4 46.2

Manual Integrations
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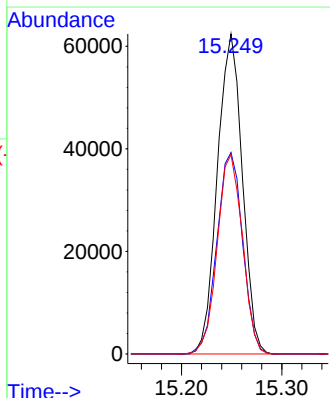
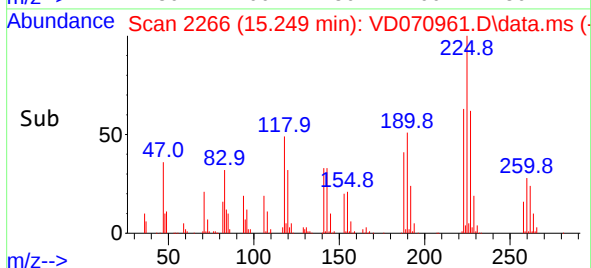
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

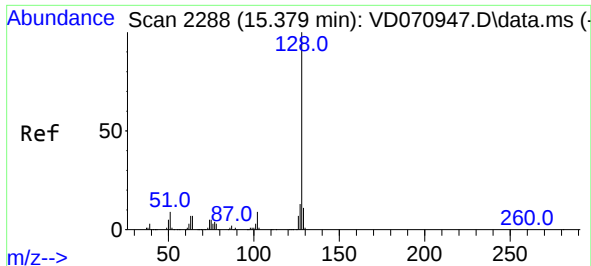


#94
Hexachlorobutadiene
Concen: 53.769 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



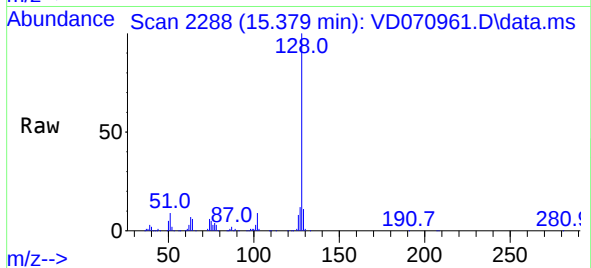
Tgt Ion:225 Resp: 107744
Ion Ratio Lower Upper
225 100
223 64.8 31.8 95.3
227 62.8 31.6 94.8





#95
Naphthalene
Concen: 60.845 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34

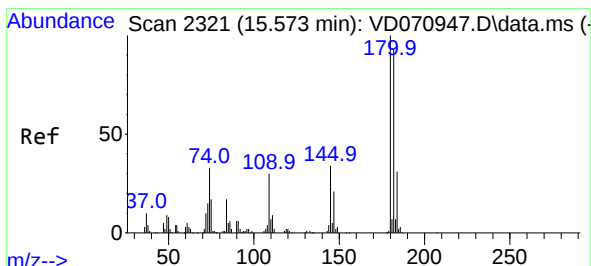
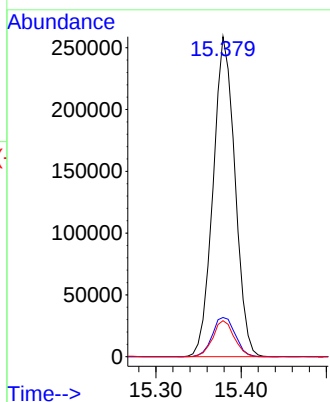
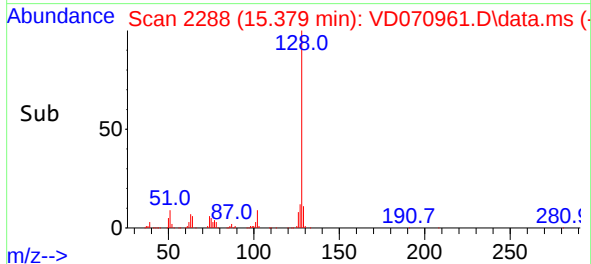
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



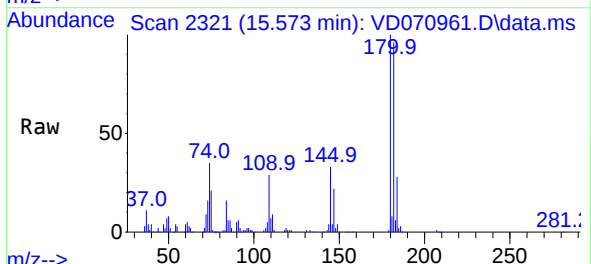
Tgt Ion:128 Resp: 461600
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 58.936 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD070961.D
Acq: 09 Nov 2021 20:34



Tgt Ion:180 Resp: 196888
Ion Ratio Lower Upper
180 100
182 95.5 46.7 140.1
145 34.1 15.9 47.6

