

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071020.D
 Acq On : 15 Nov 2021 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 14:34:10 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	266631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	444790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	398517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	184343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140756	49.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.160%		
35) Dibromofluoromethane	7.914	113	130471	51.983	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.960%		
50) Toluene-d8	10.338	98	496239	50.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.626	95	173558	49.040	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	108459	47.611	ug/l	94
3) Chloromethane	2.209	50	145663	53.736	ug/l	98
4) Vinyl Chloride	2.350	62	162969	62.513	ug/l	99
5) Bromomethane	2.773	94	102572	57.725	ug/l	94
6) Chloroethane	2.926	64	108154	64.594	ug/l	93
7) Trichlorofluoromethane	3.279	101	223040	53.161	ug/l	98
8) Diethyl Ether	3.709	74	60121	43.298	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	133637	51.672	ug/l	95
10) Methyl Iodide	4.303	142	131362	43.384	ug/l	98
11) Tert butyl alcohol	5.214	59	48509	233.811	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	122411	48.348	ug/l	86
13) Acrolein	3.920	56	12967	203.496	ug/l	96
14) Allyl chloride	4.714	41	242304	45.946	ug/l #	82
15) Acrylonitrile	5.420	53	148207	223.059	ug/l	97
16) Acetone	4.150	43	197200	256.654	ug/l	90
17) Carbon Disulfide	4.414	76	362597	44.353	ug/l	99
18) Methyl Acetate	4.714	43	107735	44.236	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	295166	45.159	ug/l	94
20) Methylene Chloride	4.967	84	145627	45.076	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	136308	46.970	ug/l	88
22) Diisopropyl ether	6.361	45	479999	45.783	ug/l	94
23) Vinyl Acetate	6.303	43	1160797	211.006	ug/l	96
24) 1,1-Dichloroethane	6.261	63	269086	48.053	ug/l	98
25) 2-Butanone	7.208	43	221701	225.911	ug/l #	88
26) 2,2-Dichloropropane	7.208	77	243256	51.471	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	155509	46.878	ug/l	90
28) Bromochloromethane	7.550	49	114579	48.241	ug/l	88
29) Tetrahydrofuran	7.561	42	123311	213.784	ug/l	92
30) Chloroform	7.708	83	263308	49.456	ug/l	99
31) Cyclohexane	7.985	56	256967	44.016	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	240766	52.654	ug/l	94
36) 1,1-Dichloropropene	8.108	75	207839	52.335	ug/l	97
37) Ethyl Acetate	7.291	43	88584	48.892	ug/l #	92
38) Carbon Tetrachloride	8.097	117	204989	56.051	ug/l	98
39) Methylcyclohexane	9.349	83	256159	49.944	ug/l	98
40) Benzene	8.350	78	559469	50.024	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57715	44.672	ug/l #	69
42) 1,2-Dichloroethane	8.420	62	167617	52.913	ug/l	94
43) Isopropyl Acetate	8.449	43	182131	47.498	ug/l #	89
44) Trichloroethene	9.108	130	146498	50.819	ug/l	85
45) 1,2-Dichloropropane	9.385	63	147636	48.811	ug/l	96
46) Dibromomethane	9.473	93	72217	50.163	ug/l	96
47) Bromodichloromethane	9.655	83	195208	51.264	ug/l	100
48) Methyl methacrylate	9.449	41	89099	47.366	ug/l #	82
49) 1,4-Dioxane	9.461	88	14730	883.067	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	447802	240.880	ug/l	91
52) Toluene	10.402	92	350873	49.769	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	186369	48.534	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	220711	48.742	ug/l #	79
55) 1,1,2-Trichloroethane	10.796	97	96813	48.928	ug/l	92
56) Ethyl methacrylate	10.655	69	130775	46.712	ug/l #	72
57) 1,3-Dichloropropane	10.943	76	176625	49.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	369014	253.541	ug/l	99
59) 2-Hexanone	10.979	43	350069	241.393	ug/l	89
60) Dibromochloromethane	11.132	129	121337	51.117	ug/l	99
61) 1,2-Dibromoethane	11.238	107	94940	49.327	ug/l	100
64) Tetrachloroethene	10.873	164	119039	51.225	ug/l	95
65) Chlorobenzene	11.661	112	357538	50.284	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	133031	52.712	ug/l	98
67) Ethyl Benzene	11.738	91	687217	51.035	ug/l	99
68) m/p-Xylenes	11.849	106	519349	103.195	ug/l	94
69) o-Xylene	12.173	106	245912	51.371	ug/l	97
70) Styrene	12.190	104	417585	51.520	ug/l	97
71) Bromoform	12.349	173	67837	51.545	ug/l #	98
73) Isopropylbenzene	12.473	105	667342	50.250	ug/l	99
74) N-amyl acetate	12.279	43	170701	44.992	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	104344	45.648	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	94026m	59.712	ug/l	
77) Bromobenzene	12.755	156	139280	49.085	ug/l	95
78) n-propylbenzene	12.814	91	832831	50.611	ug/l	100
79) 2-Chlorotoluene	12.896	91	459250	48.947	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	542703	49.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	33752	41.874	ug/l #	79
82) 4-Chlorotoluene	12.996	91	473519	48.900	ug/l	99
83) tert-Butylbenzene	13.214	119	474089	50.332	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	537282	50.173	ug/l	97
85) sec-Butylbenzene	13.390	105	730811	51.608	ug/l	100
86) p-Isopropyltoluene	13.508	119	602527	52.989	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	281224	50.689	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	276712	49.814	ug/l	97
89) n-Butylbenzene	13.832	91	595482	52.110	ug/l	98
90) Hexachloroethane	14.102	117	114888	51.059	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	239547	49.830	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17281	46.095	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	151146	49.142	ug/l	99
94) Hexachlorobutadiene	15.255	225	87631	56.493	ug/l	99
95) Naphthalene	15.384	128	274937	46.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	131165	50.719	ug/l	98

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Instrument :
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Quant Title : SW846 8260
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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

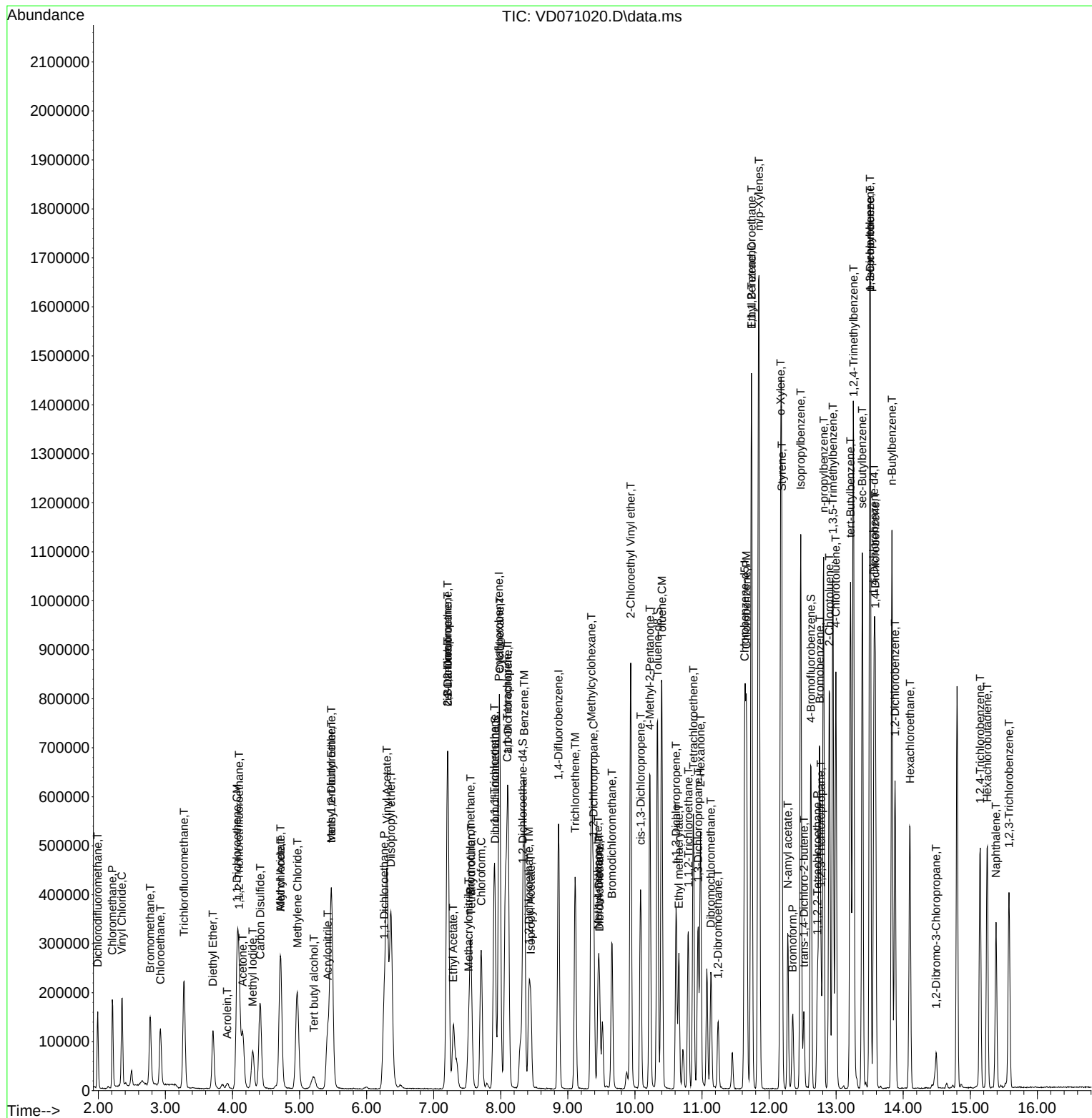
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
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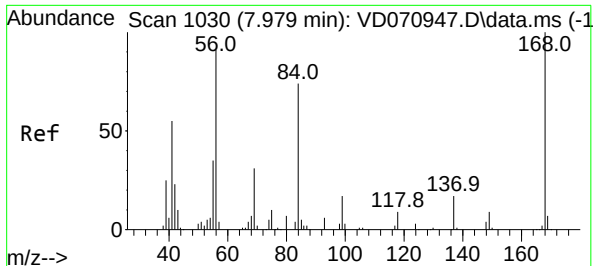
Instrument :
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Manual Integrations APPROVED

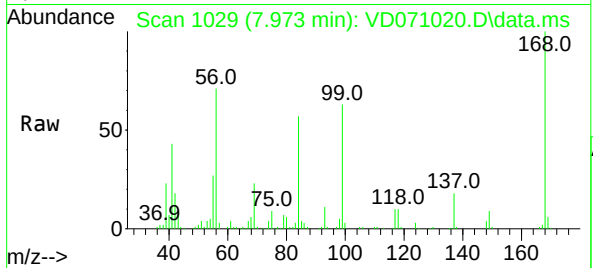
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

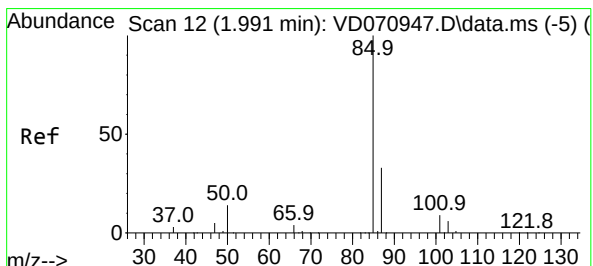
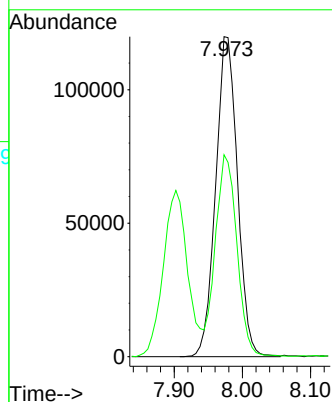
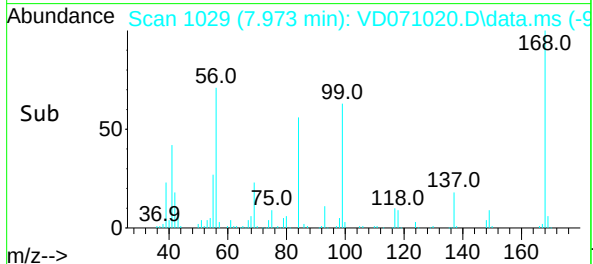
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



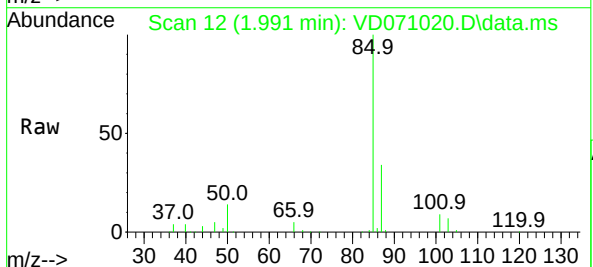
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Ion Ratio Lower Upper
168 100
99 62.9 46.6 69.8

Manual Integrations
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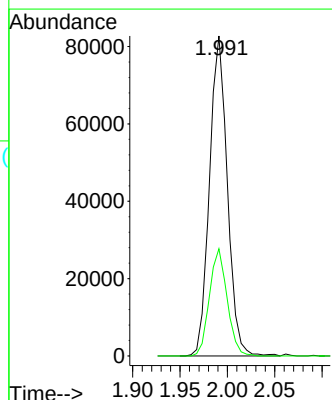
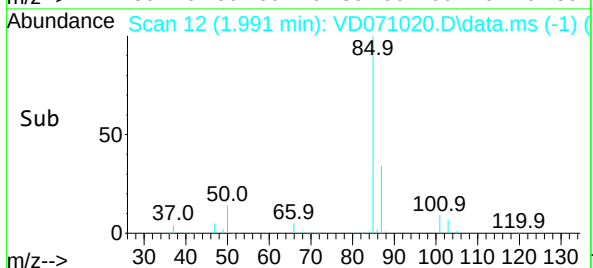
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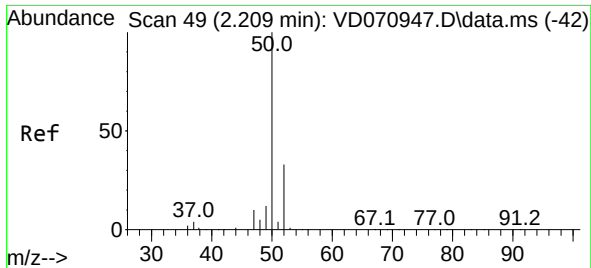


#2
Dichlorodifluoromethane
Concen: 47.611 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



Tgt Ion: 85 Resp: 108459
Ion Ratio Lower Upper
85 100
87 33.5 15.2 45.6





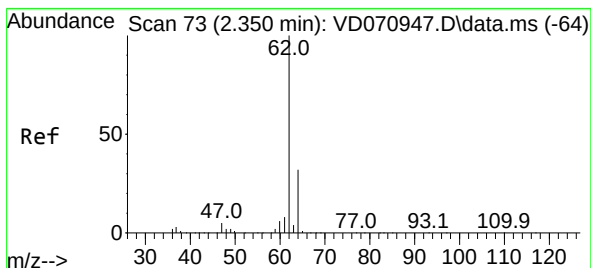
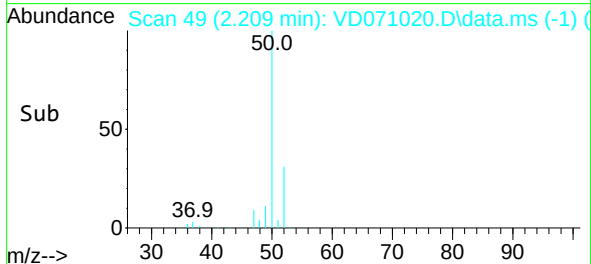
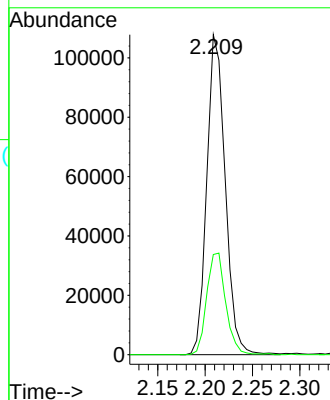
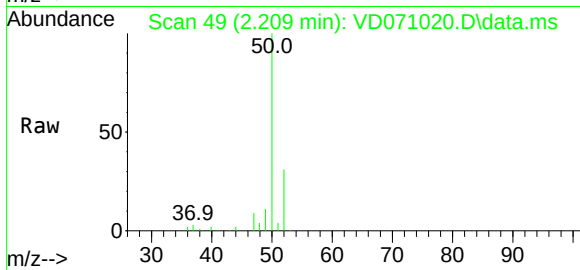
#3
Chloromethane
Concen: 53.736 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
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Tgt Ion: 50 Resp: 14566
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.8

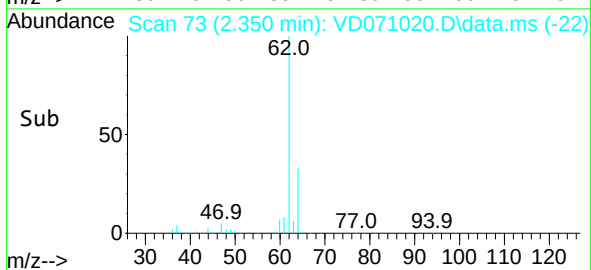
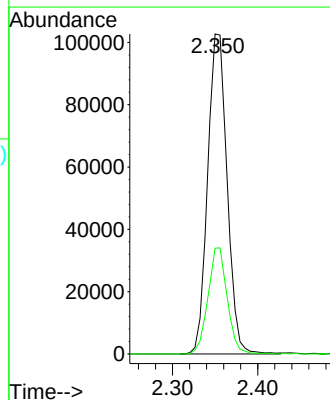
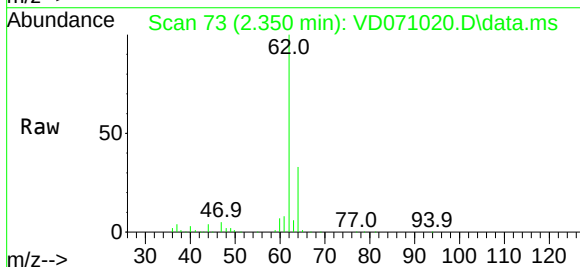
Manual Integrations
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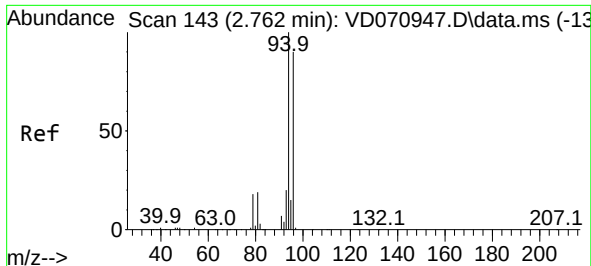
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 62.513 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

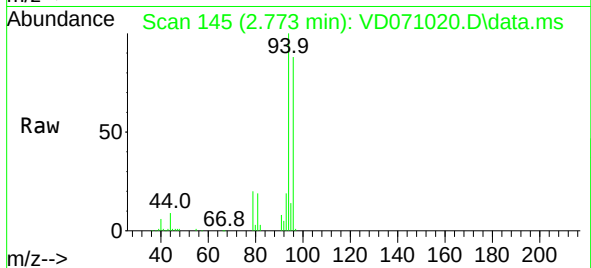
Tgt Ion: 62 Resp: 162969
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 57.725 ug/l
RT: 2.773 min Scan# 143
Delta R.T. 0.011 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

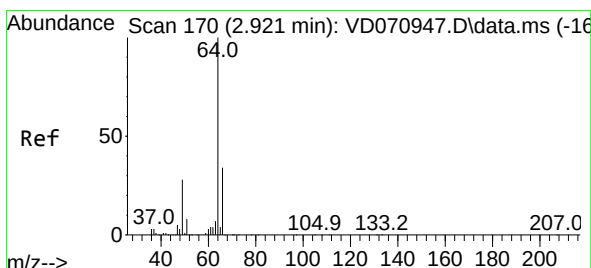
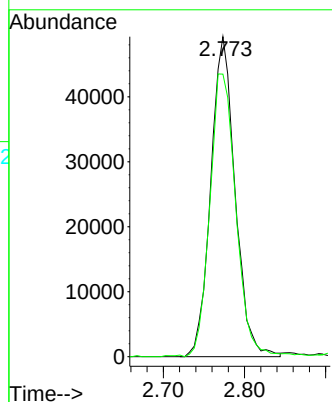
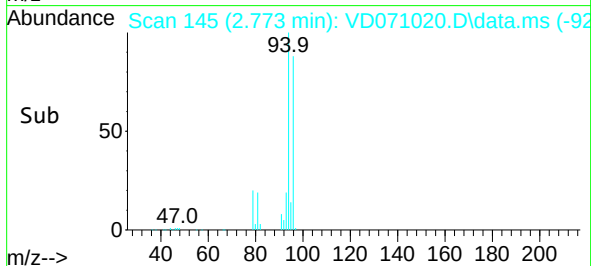
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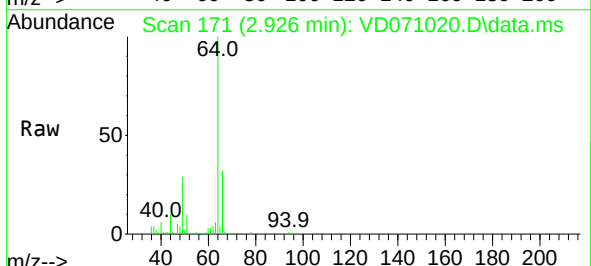
Tgt Ion: 94 Resp: 102572
Ion Ratio Lower Upper
94 100
96 87.8 74.8 112.2

Manual Integrations
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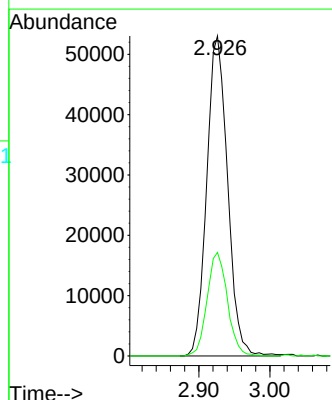
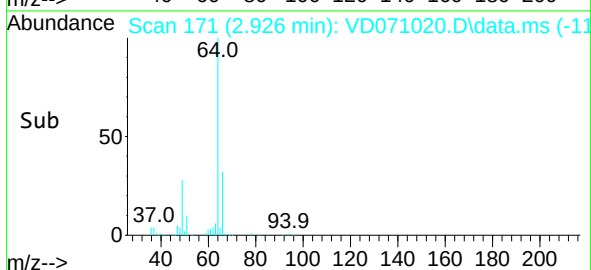
Reviewed By :Vimala Arumugam 11/15/2021
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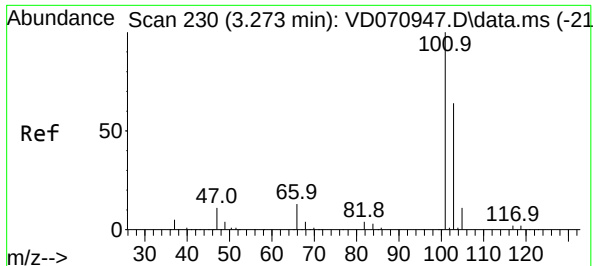


#6
Chloroethane
Concen: 64.594 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



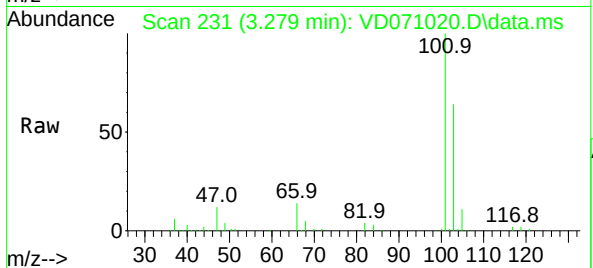
Tgt Ion: 64 Resp: 108154
Ion Ratio Lower Upper
64 100
66 32.4 29.0 43.4





#7
Trichlorofluoromethane
Concen: 53.161 ug/l
RT: 3.279 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

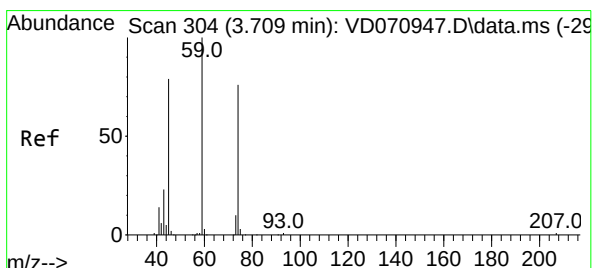
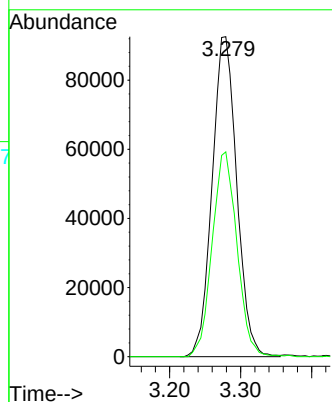
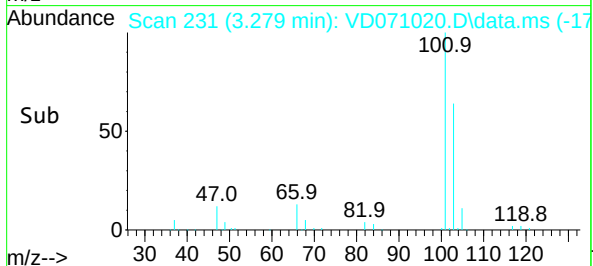
Instrument :
MSVOA_D
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Tgt Ion:101 Resp: 223040
Ion Ratio Lower Upper
101 100
103 64.0 49.7 74.5

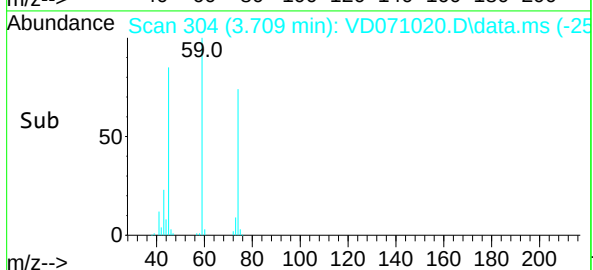
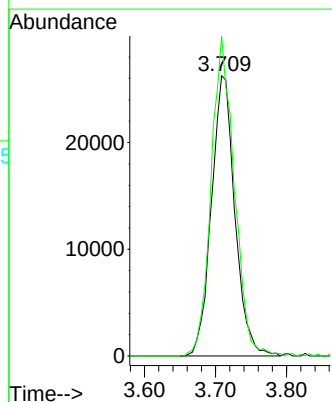
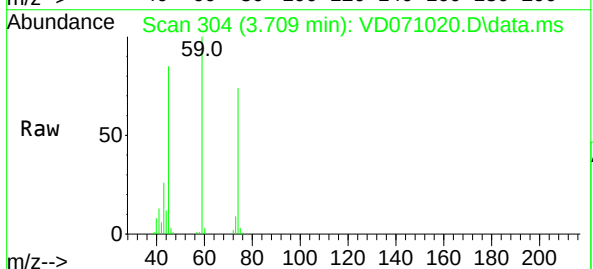
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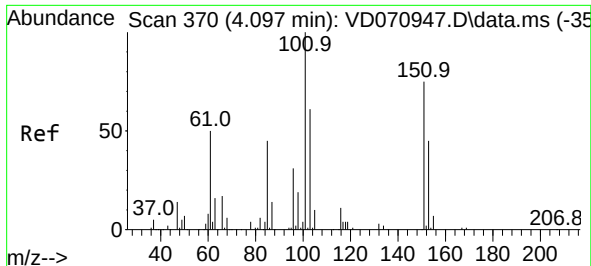
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Diethyl Ether
Concen: 43.298 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion: 74 Resp: 60121
Ion Ratio Lower Upper
74 100
45 112.6 49.6 149.0





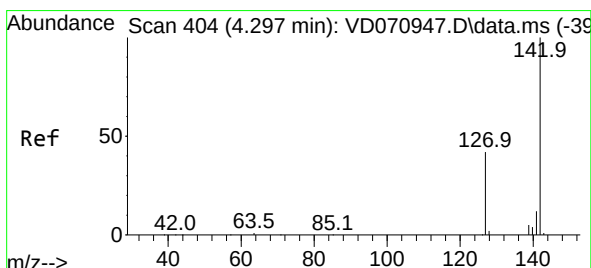
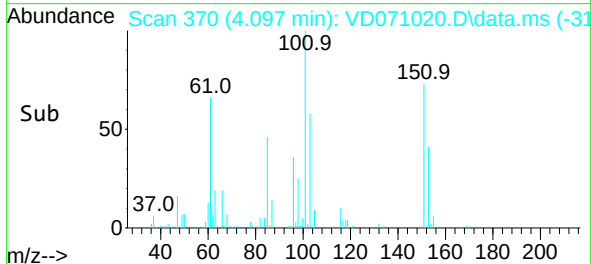
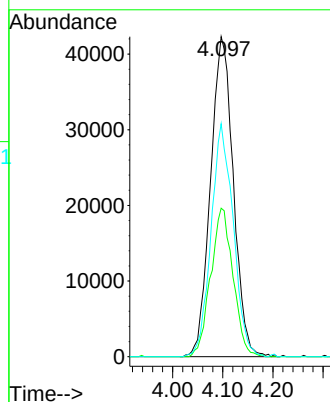
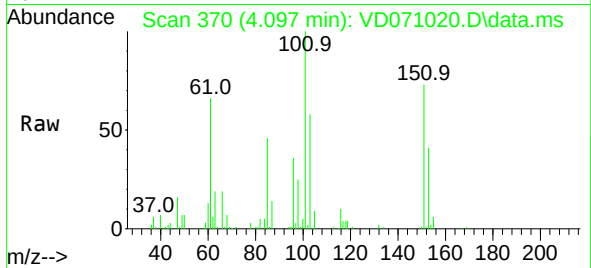
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.672 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13363
Ion Ratio Lower Upper
101 100
85 45.5 34.8 52.2
151 70.8 60.4 90.6

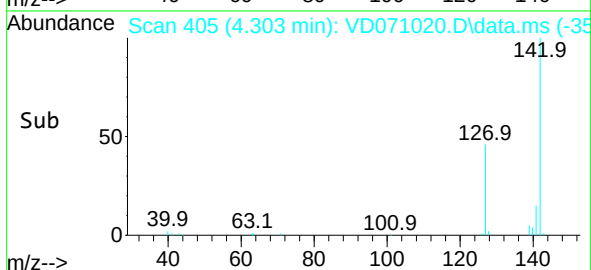
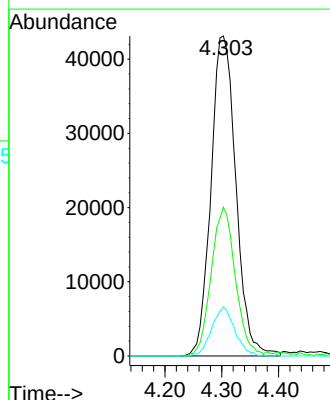
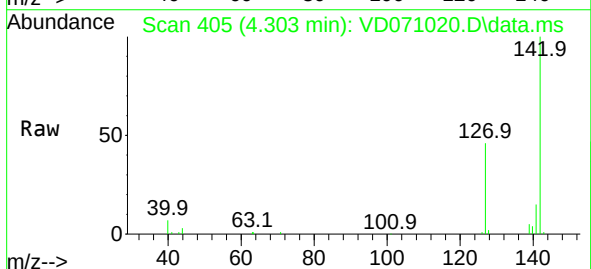
Manual Integrations
APPROVED

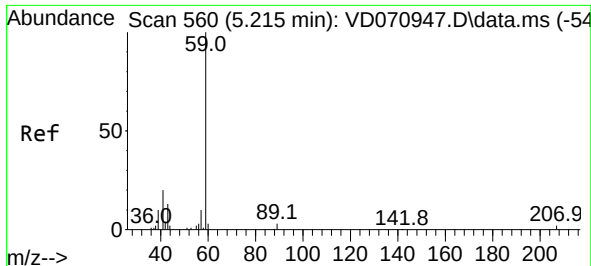
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 43.384 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

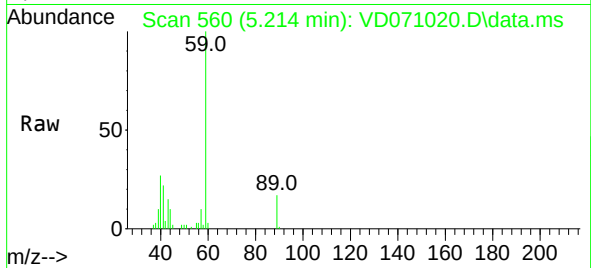
Tgt Ion:142 Resp: 131362
Ion Ratio Lower Upper
142 100
127 45.0 35.0 52.4
141 14.2 12.0 18.0





#11
Tert butyl alcohol
Concen: 233.811 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

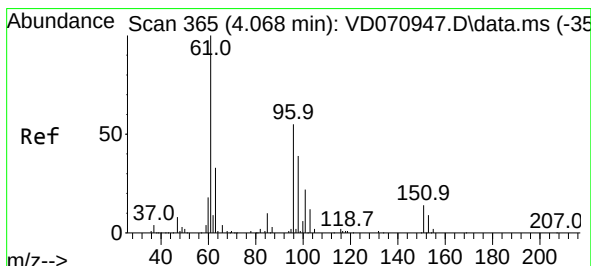
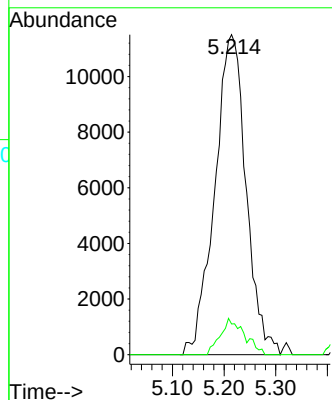
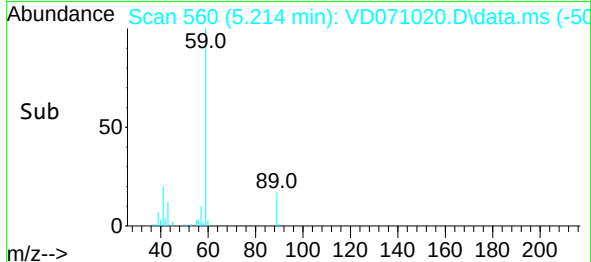
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



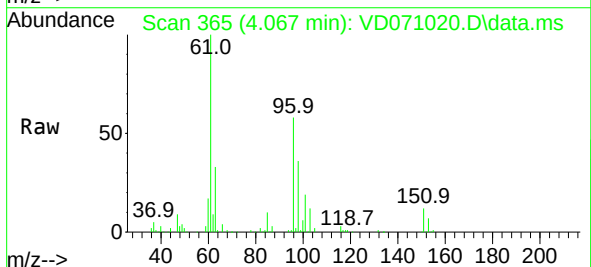
Tgt Ion: 59 Resp: 48509
Ion Ratio Lower Upper
59 100
57 8.7 9.0 13.4

Manual Integrations
APPROVED

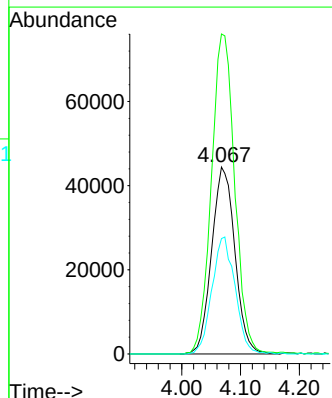
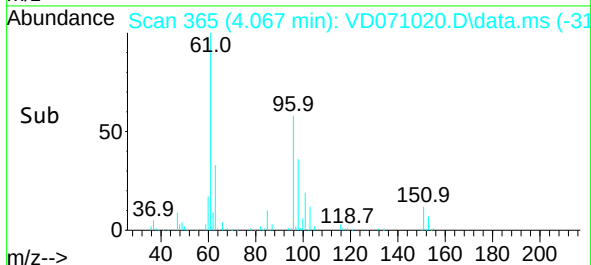
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

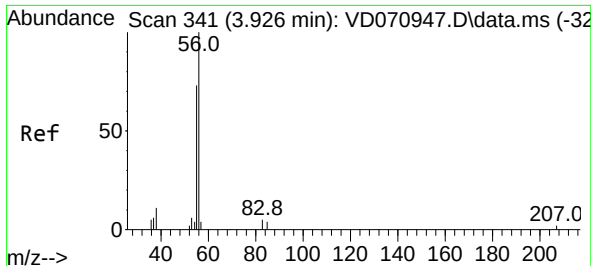


#12
1,1-Dichloroethene
Concen: 48.348 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



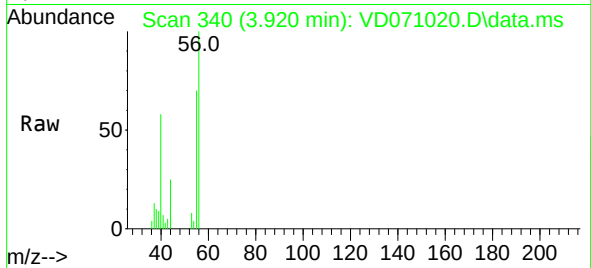
Tgt Ion: 96 Resp: 122411
Ion Ratio Lower Upper
96 100
61 171.2 120.3 180.5
98 61.7 54.4 81.6





#13
Acrolein
Concen: 203.496 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

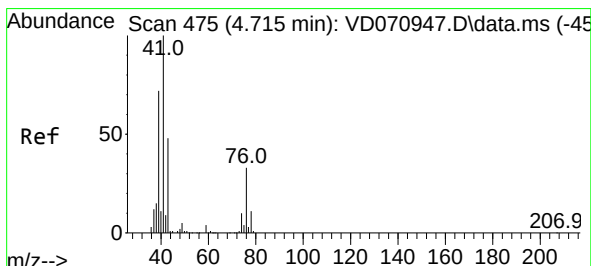
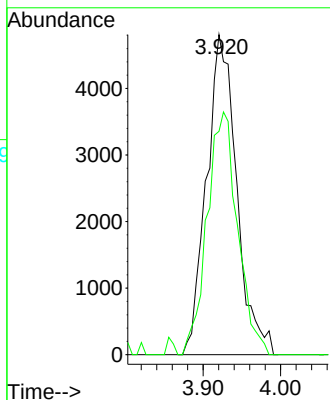
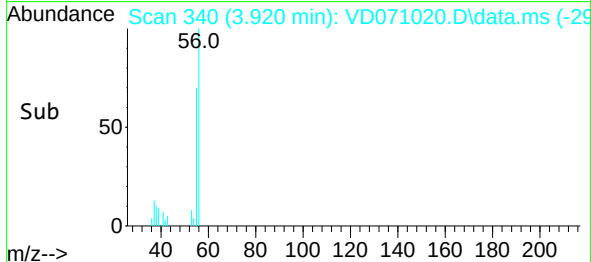
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



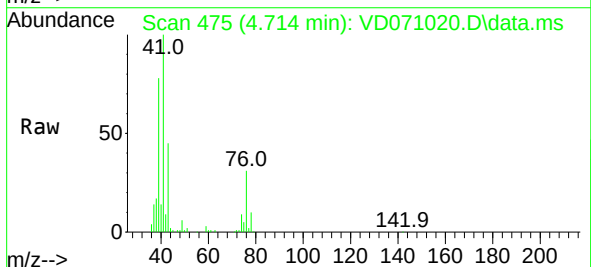
Tgt Ion: 56 Resp: 1296
Ion Ratio Lower Upper
56 100
55 76.9 58.6 87.8

Manual Integrations
APPROVED

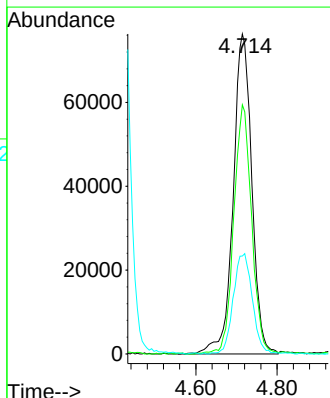
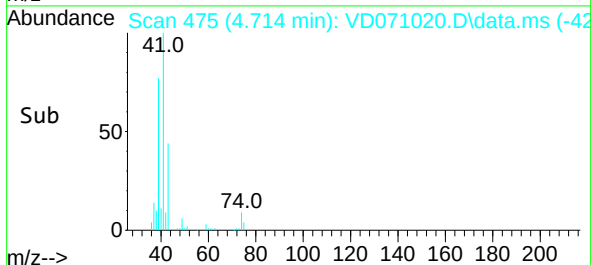
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

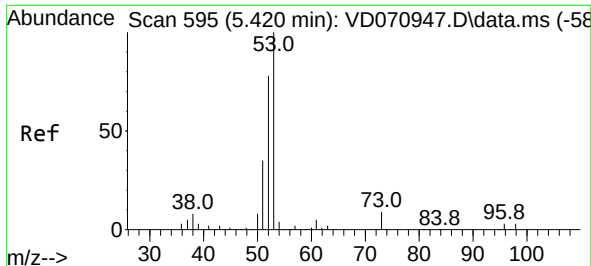


#14
Allyl chloride
Concen: 45.946 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



Tgt Ion: 41 Resp: 242304
Ion Ratio Lower Upper
41 100
39 74.7 45.6 68.4
76 32.1 30.2 45.4





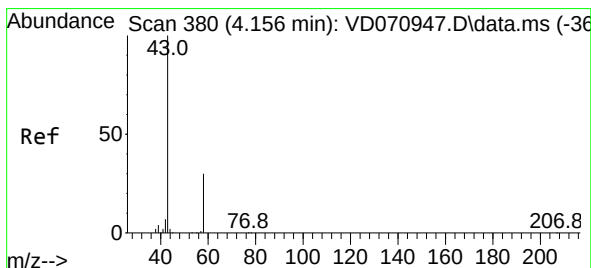
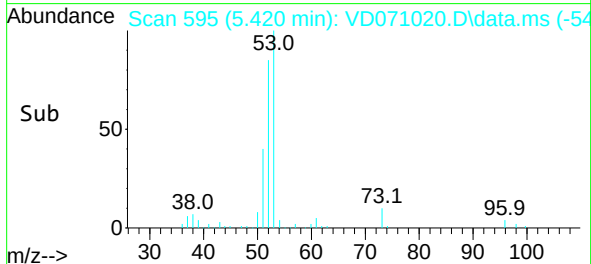
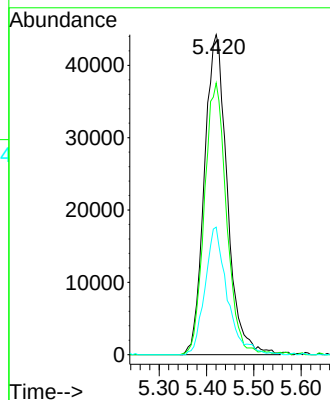
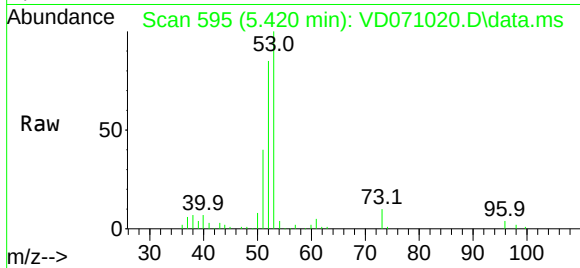
#15
Acrylonitrile
Concen: 223.059 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 14820
Ion Ratio Lower Upper
53 100
52 81.8 63.8 95.8
51 38.9 28.5 42.7

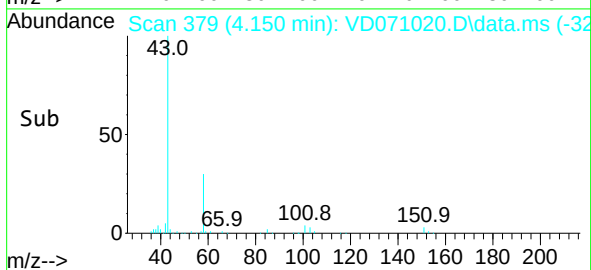
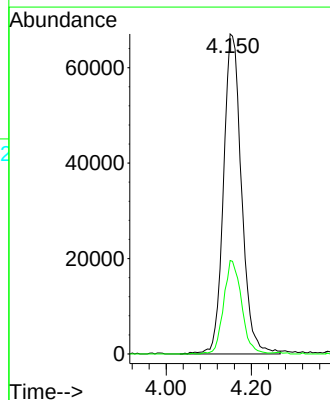
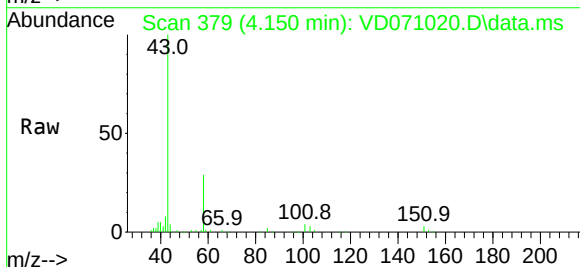
Manual Integrations
APPROVED

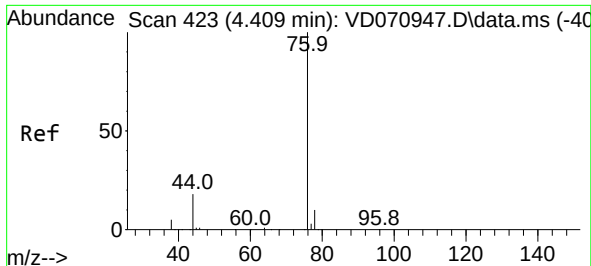
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 256.654 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion: 43 Resp: 197200
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8





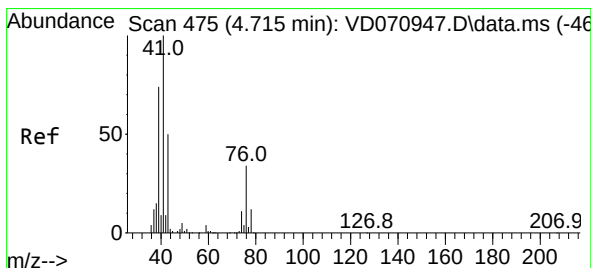
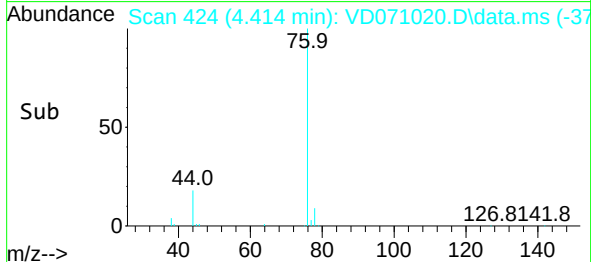
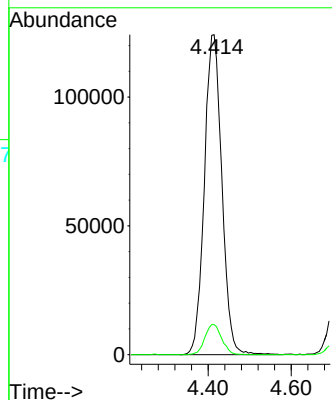
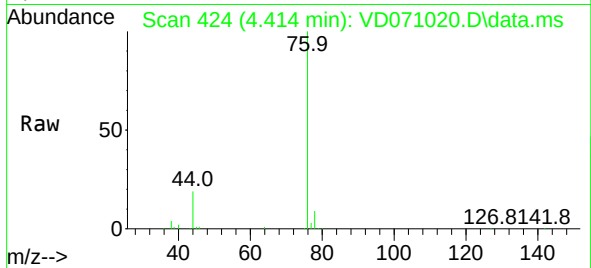
#17
Carbon Disulfide
Concen: 44.353 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 36259
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

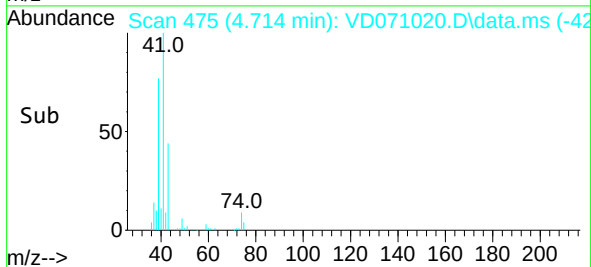
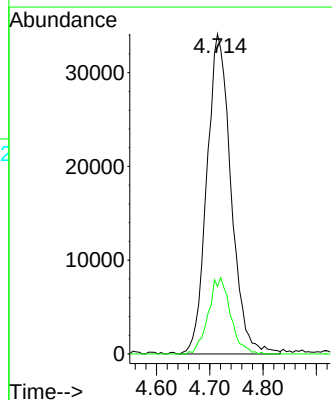
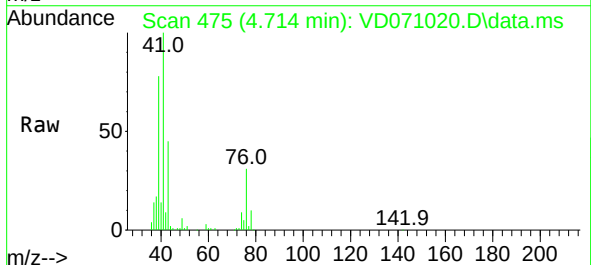
Manual Integrations
APPROVED

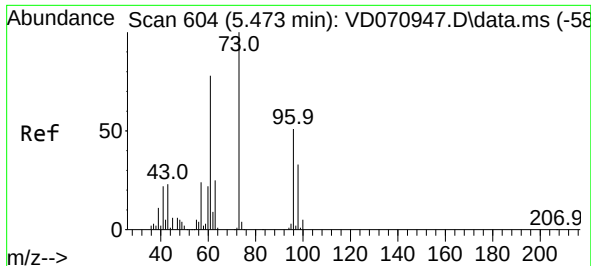
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 44.236 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

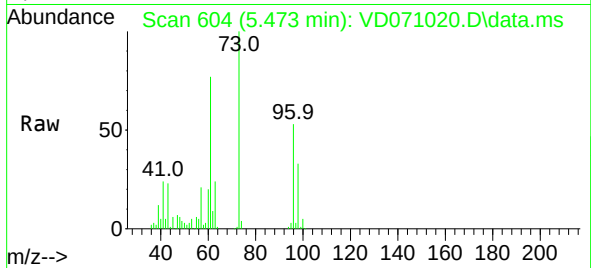
Tgt Ion: 43 Resp: 107735
Ion Ratio Lower Upper
43 100
74 21.9 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 45.159 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

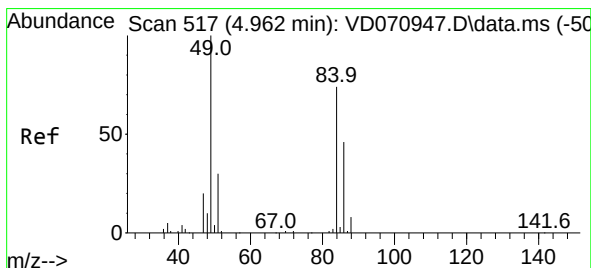
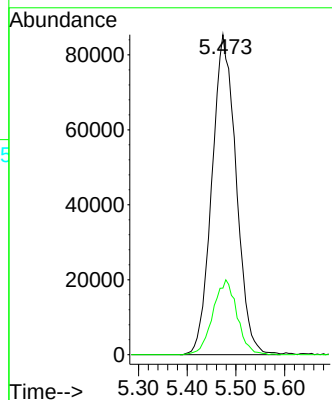
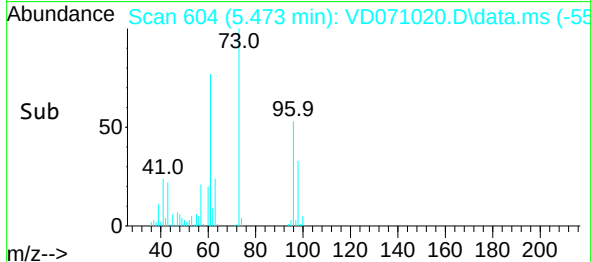
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



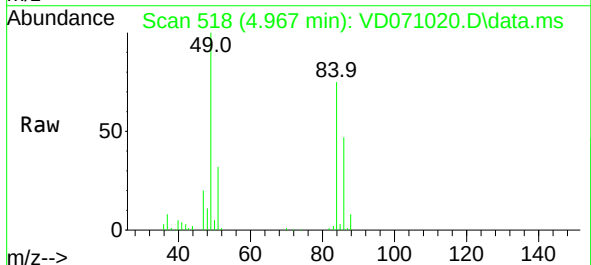
Tgt Ion: 73 Resp: 295160
Ion Ratio Lower Upper
73 100
57 20.8 18.9 28.3

Manual Integrations
APPROVED

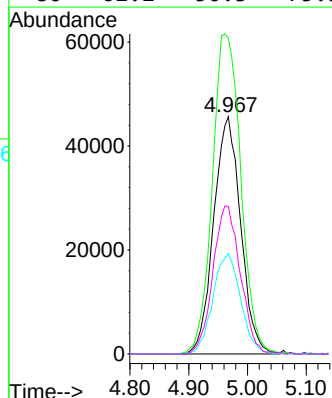
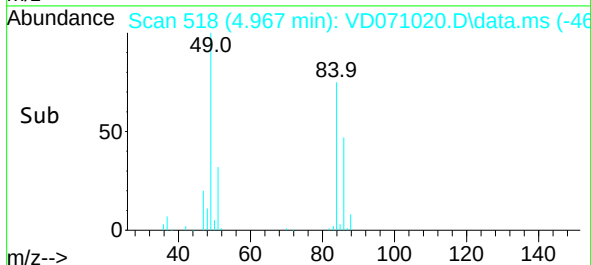
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

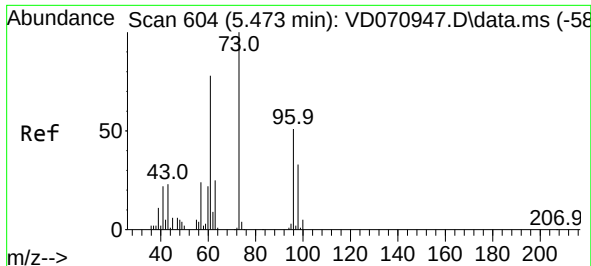


#20
Methylene Chloride
Concen: 45.076 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



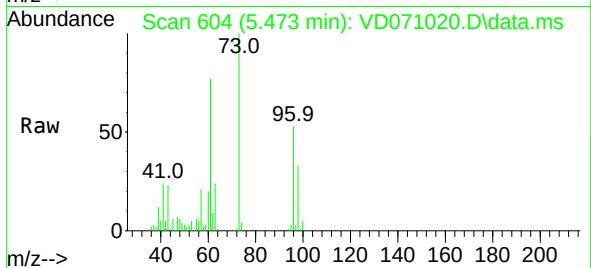
Tgt Ion: 84 Resp: 145627
Ion Ratio Lower Upper
84 100
49 133.1 95.8 143.6
51 42.3 30.9 46.3
86 62.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 46.970 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

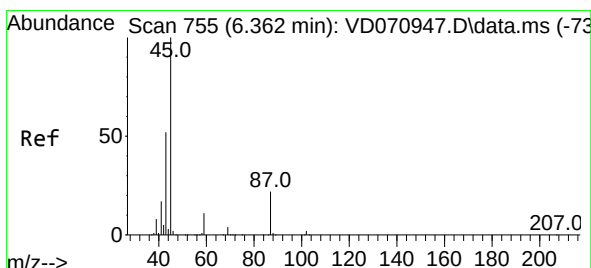
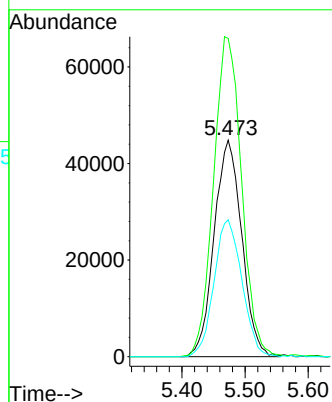
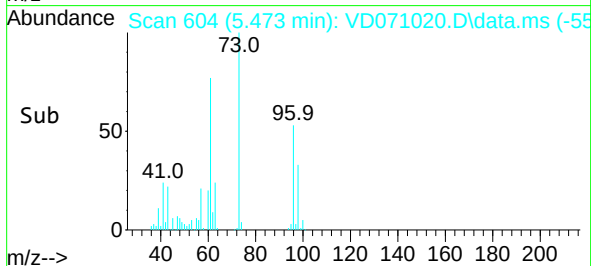
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



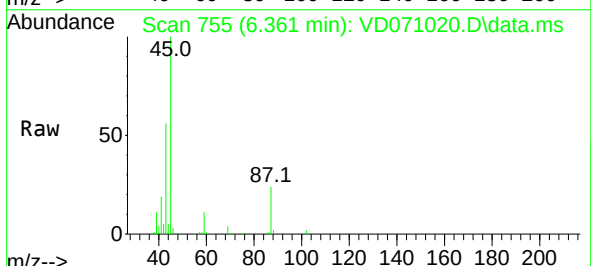
Tgt Ion: 96 Resp: 136308
Ion Ratio Lower Upper
96 100
61 147.0 102.1 153.1
98 63.3 50.1 75.1

Manual Integrations
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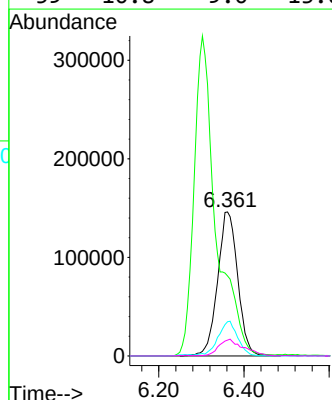
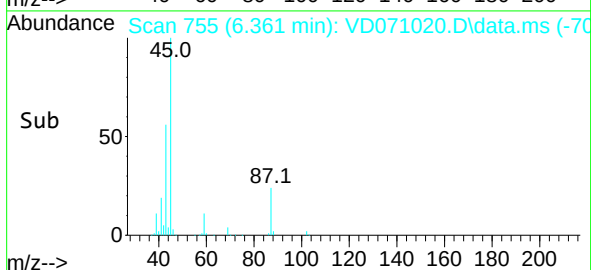
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

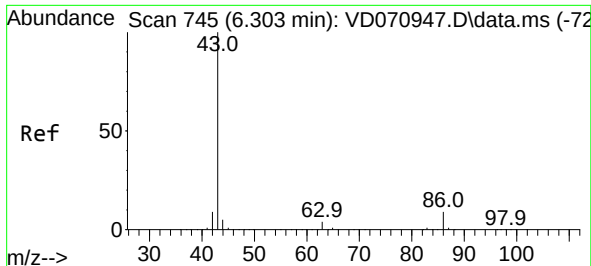


#22
Diisopropyl ether
Concen: 45.783 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



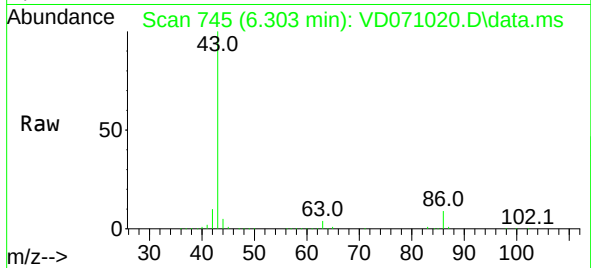
Tgt Ion: 45 Resp: 479999
Ion Ratio Lower Upper
45 100
43 54.6 39.6 59.4
87 23.7 21.2 31.8
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 211.006 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071020.D
 Acq: 15 Nov 2021 11:01

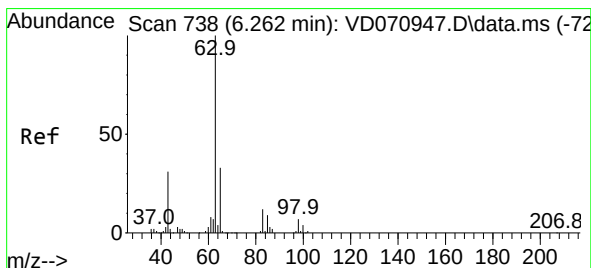
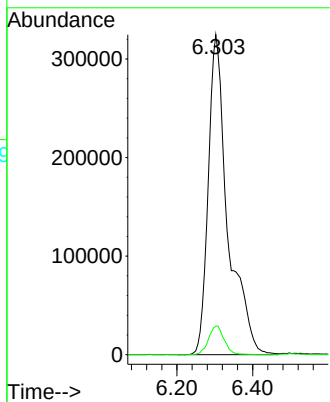
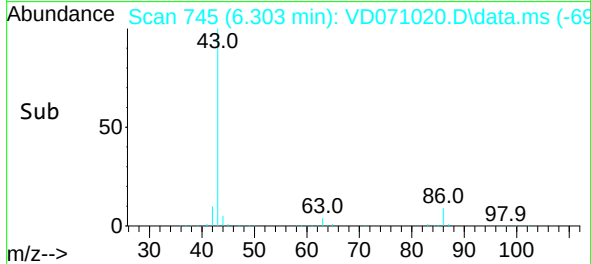
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



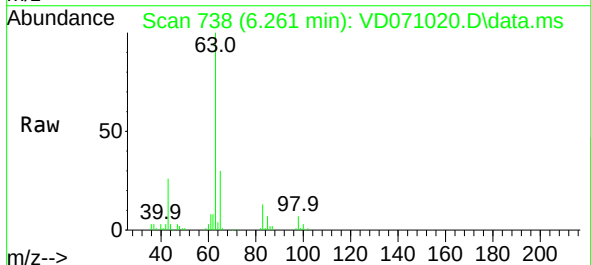
Tgt Ion: 43 Resp: 116079
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.2 12.4

Manual Integrations
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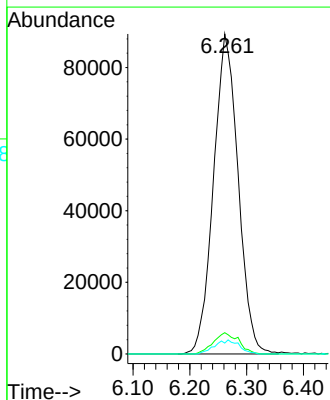
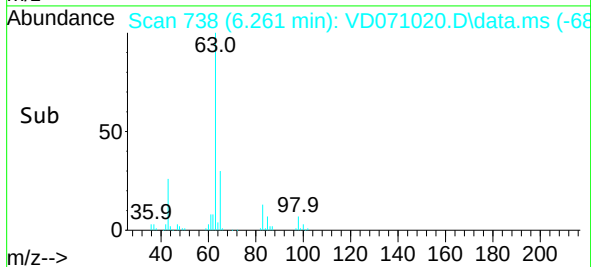
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

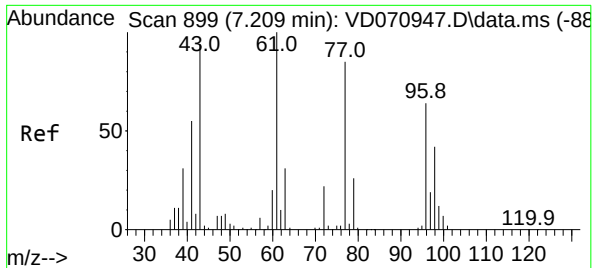


#24
 1,1-Dichloroethane
 Concen: 48.053 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071020.D
 Acq: 15 Nov 2021 11:01



Tgt Ion: 63 Resp: 269086
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 3.4 2.1 6.3





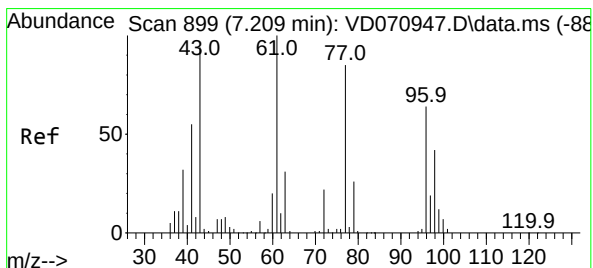
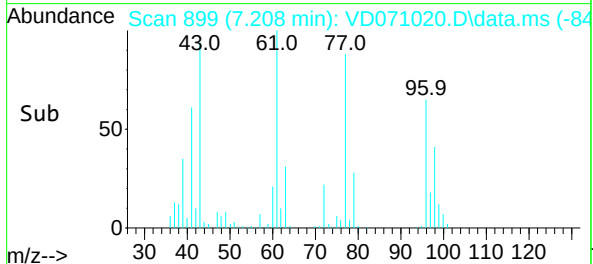
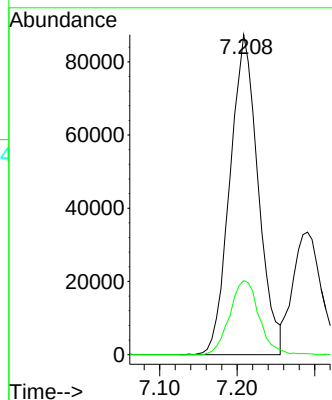
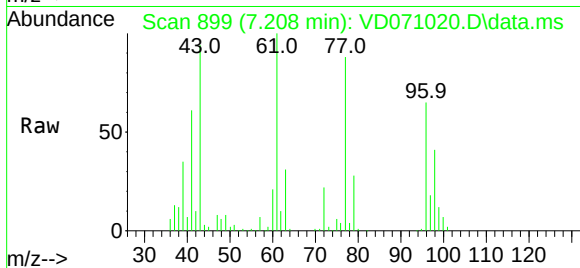
#25
2-Butanone
Concen: 225.911 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 22170
Ion Ratio Lower Upper
43 100
72 23.2 23.8 35.6

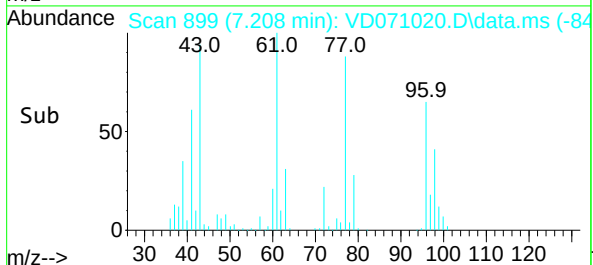
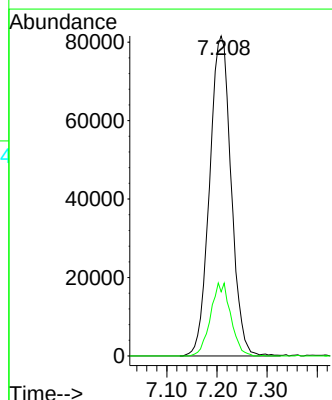
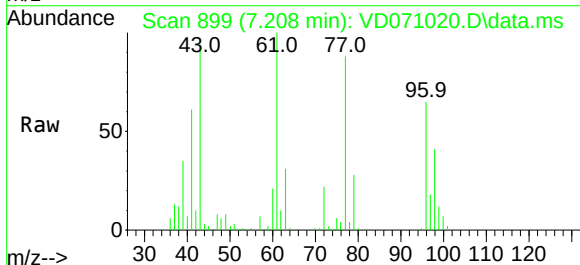
Manual Integrations
APPROVED

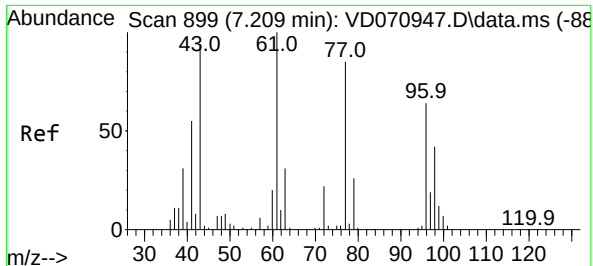
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 51.471 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion: 77 Resp: 243256
Ion Ratio Lower Upper
77 100
97 21.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 46.878 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

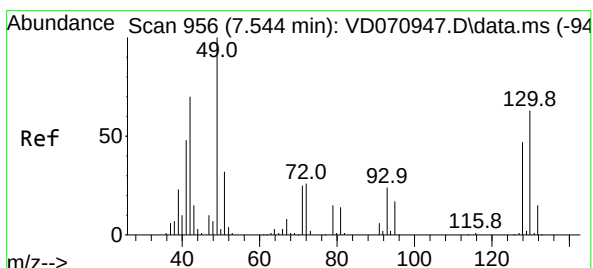
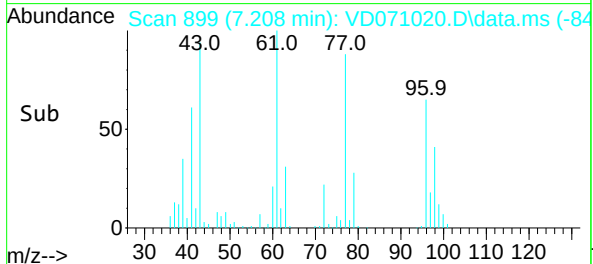
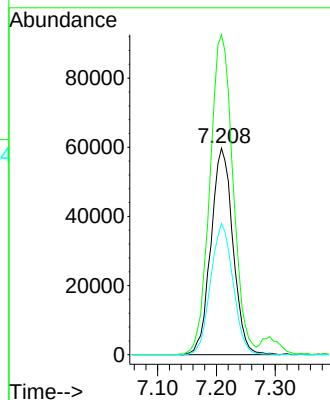
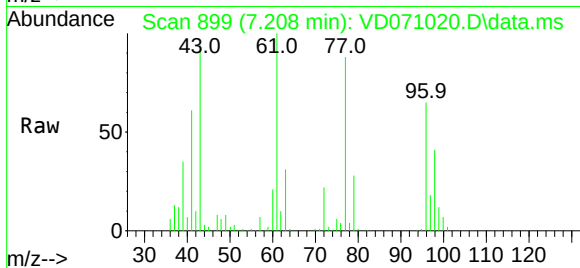
VSTDCCC050

Tgt Ion:	96	Resp:	155509
Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	288.6
98	64.6	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 48.241 ug/l

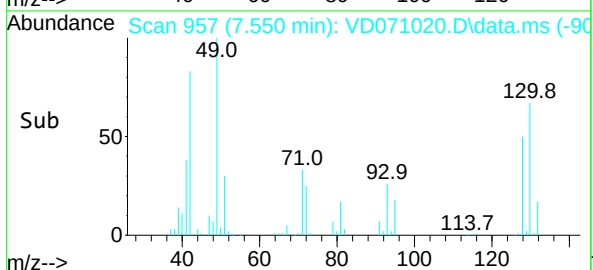
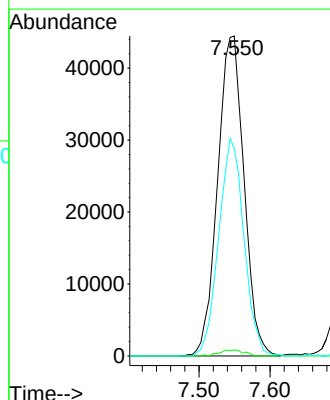
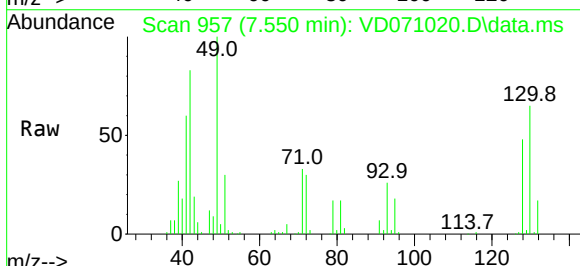
RT: 7.550 min Scan# 957

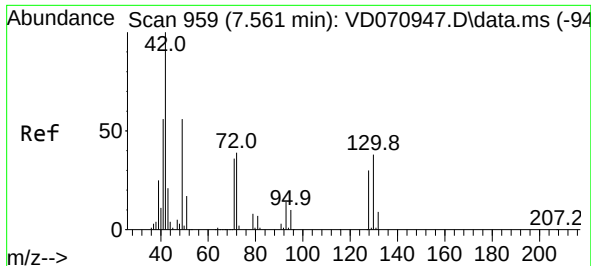
Delta R.T. 0.006 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Tgt Ion:	49	Resp:	114579
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	65.1	60.2	90.2





#29

Tetrahydrofuran

Concen: 213.784 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

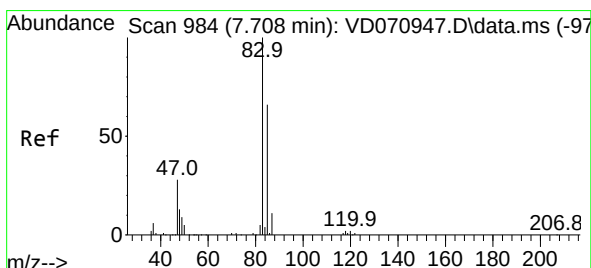
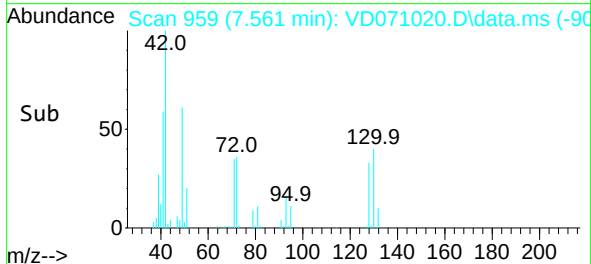
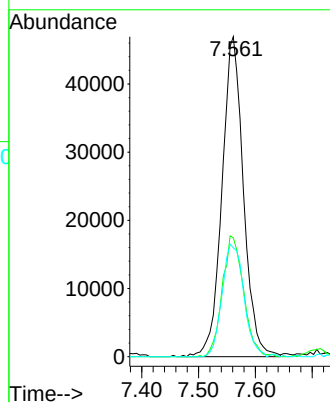
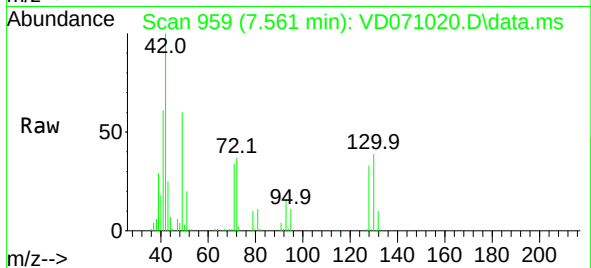
VSTDCCC050

Tgt Ion:	42	Resp:	12331
Ion Ratio	Lower	Upper	
42	100		
72	37.4	33.7	50.5
71	35.5	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 49.456 ug/l

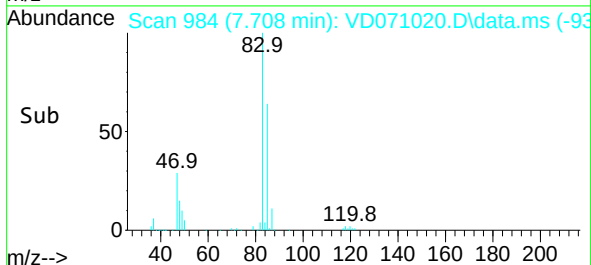
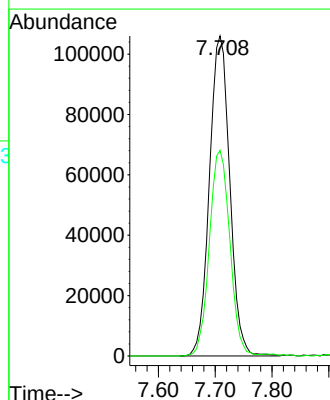
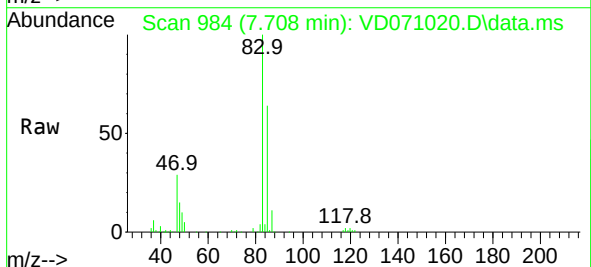
RT: 7.708 min Scan# 984

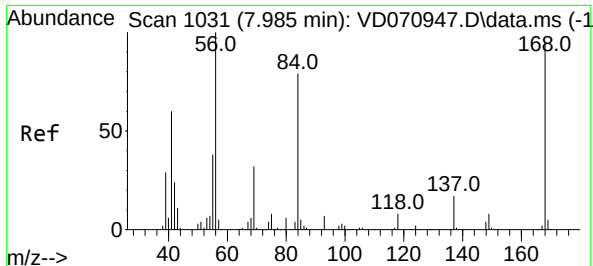
Delta R.T. 0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Tgt Ion:	83	Resp:	263308
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.0	76.6





#31

Cyclohexane

Concen: 44.016 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 25696

Ion Ratio Lower Upper

56 100

69 32.5 25.9 38.9

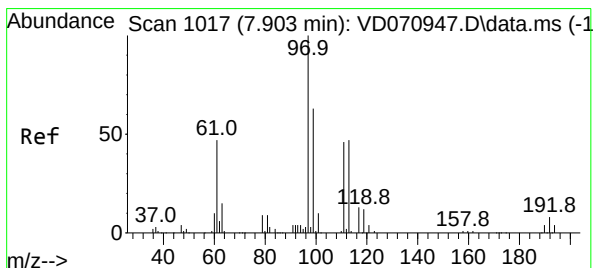
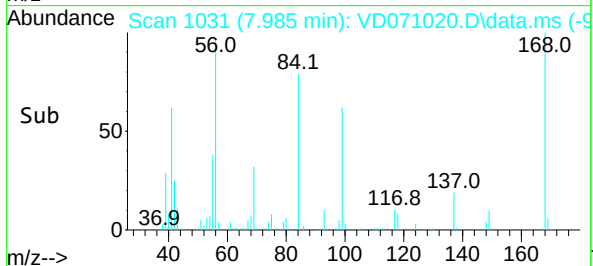
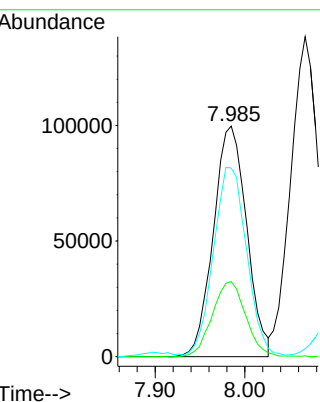
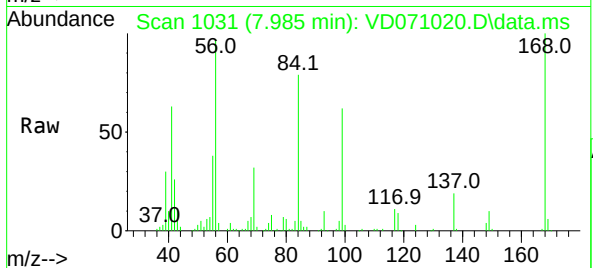
84 80.0 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 52.654 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

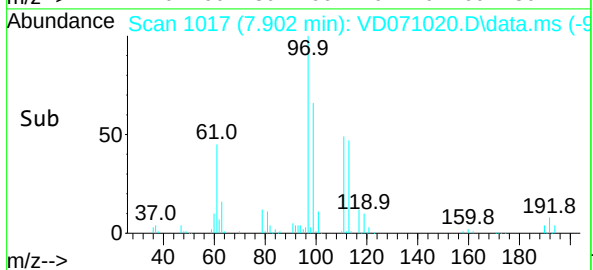
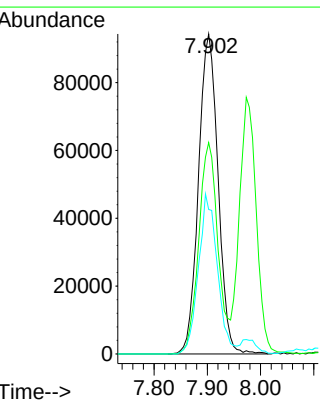
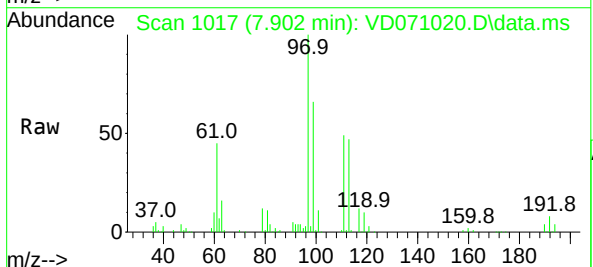
Tgt Ion: 97 Resp: 240766

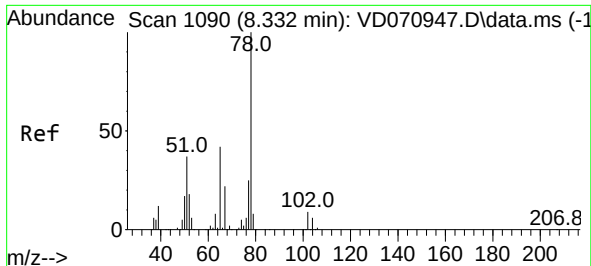
Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

61 48.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.582 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 140750

Ion Ratio Lower Upper

65 100

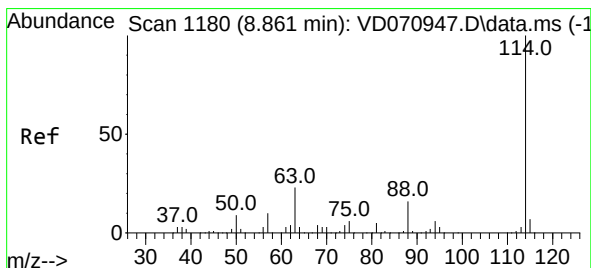
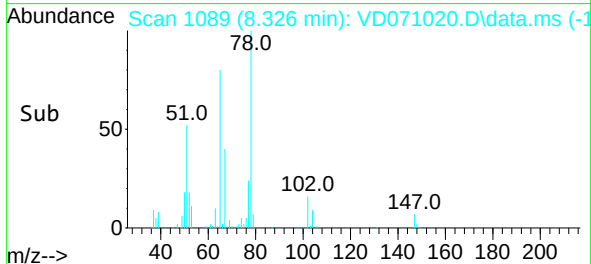
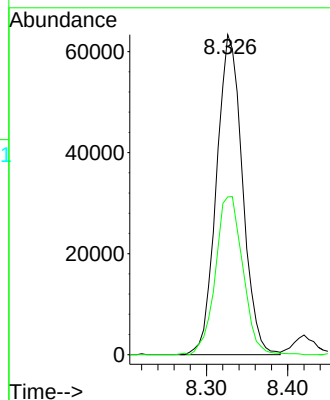
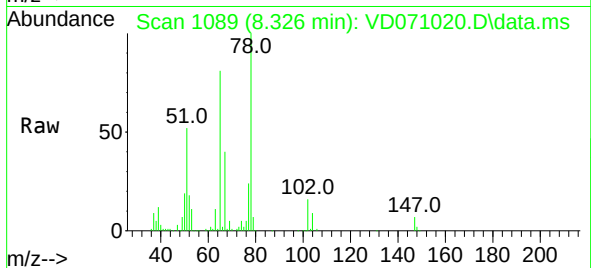
67 52.3 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

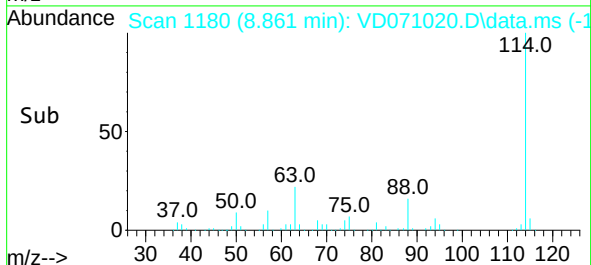
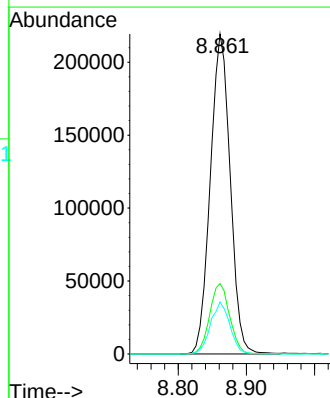
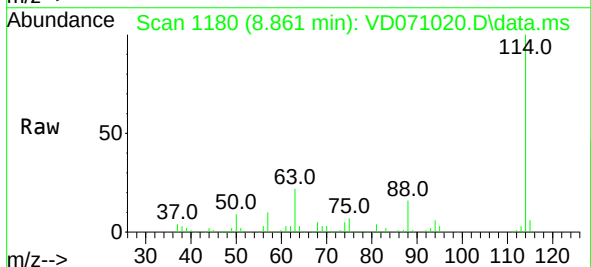
Tgt Ion:114 Resp: 444790

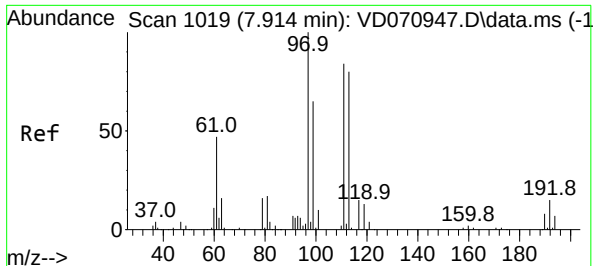
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.983 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

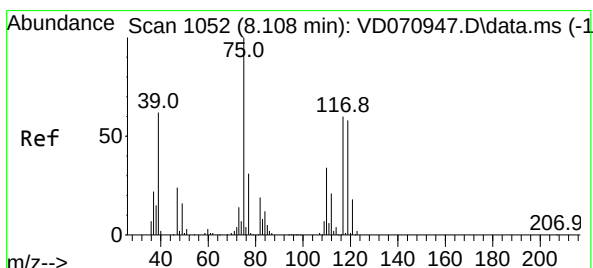
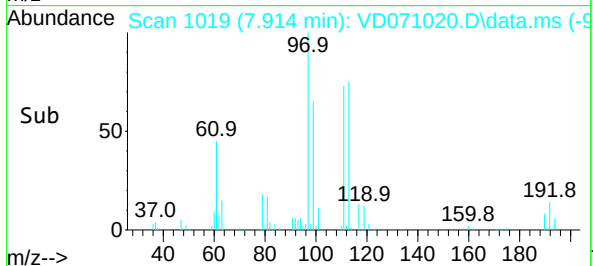
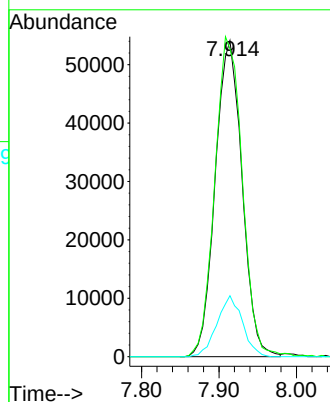
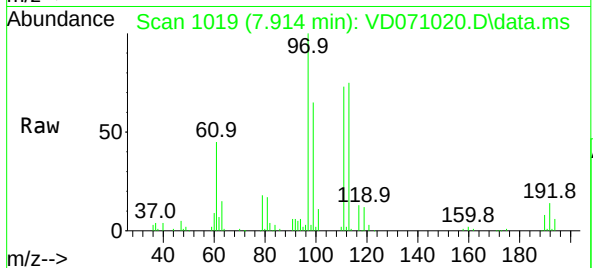
VSTDCCC050

Tgt Ion:113 Resp: 13047
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.0 123.0
 192 18.3 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#36

1,1-Dichloropropene

Concen: 52.335 ug/l

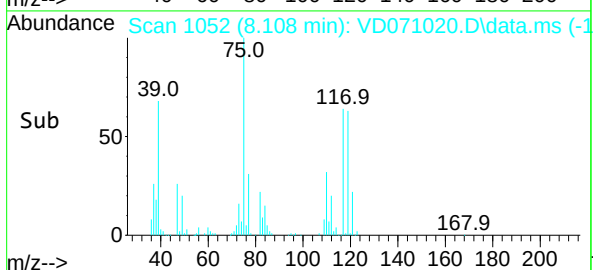
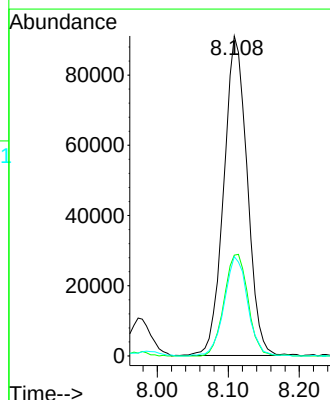
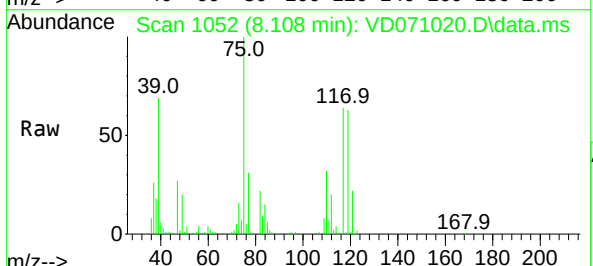
RT: 8.108 min Scan# 1052

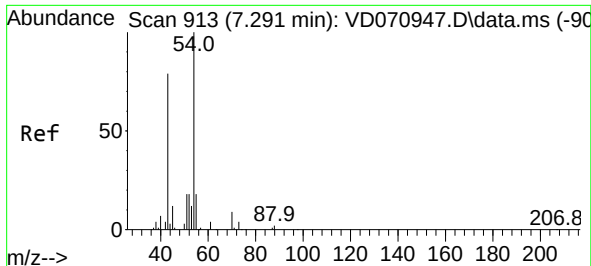
Delta R.T. 0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Tgt Ion: 75 Resp: 207839
 Ion Ratio Lower Upper
 75 100
 110 32.5 17.8 53.4
 77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 48.892 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD071020.D

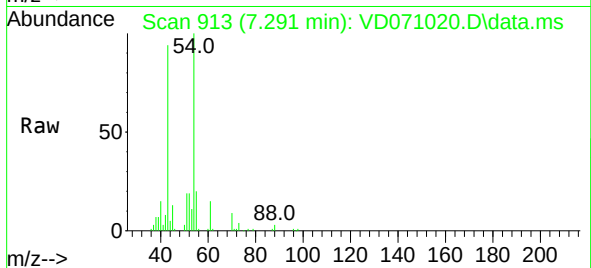
Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

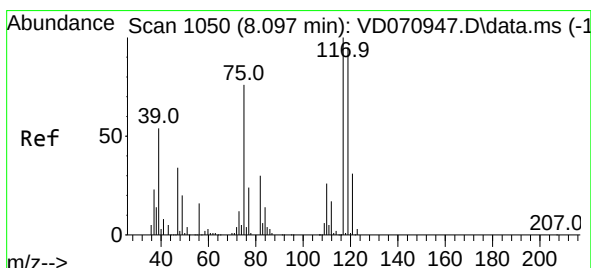
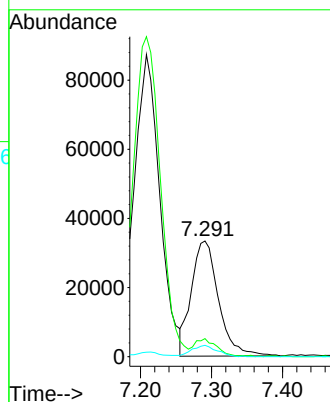
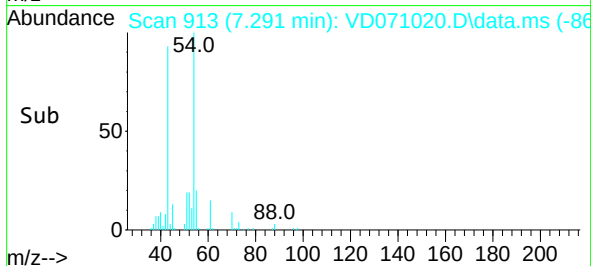


Tgt Ion: 43 Resp: 88584

Ion	Ratio	Lower	Upper
43	100		
61	11.8	13.0	19.6
70	9.3	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 56.051 ug/l

RT: 8.097 min Scan# 1050

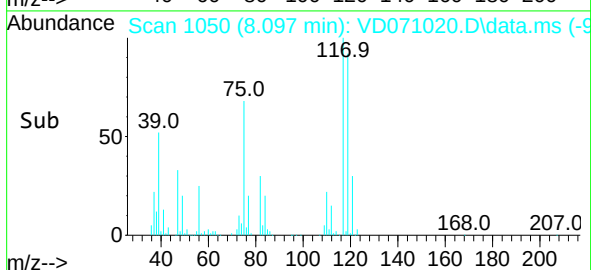
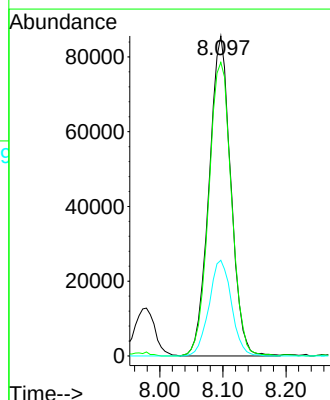
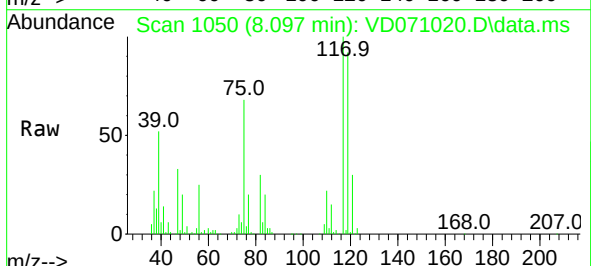
Delta R.T. -0.000 min

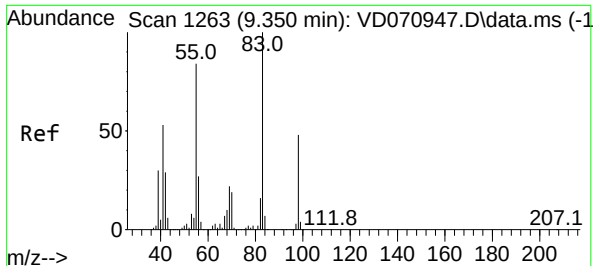
Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Tgt Ion:117 Resp: 204989

Ion	Ratio	Lower	Upper
117	100		
119	91.8	75.8	113.6
121	29.9	23.6	35.4





#39

Methylcyclohexane

Concen: 49.944 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.001 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

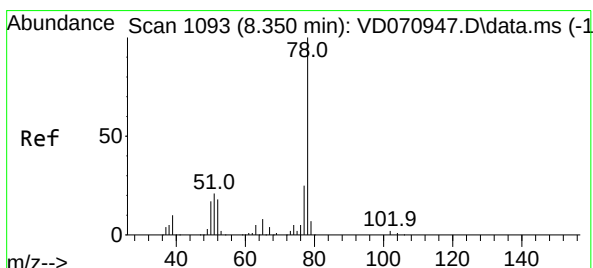
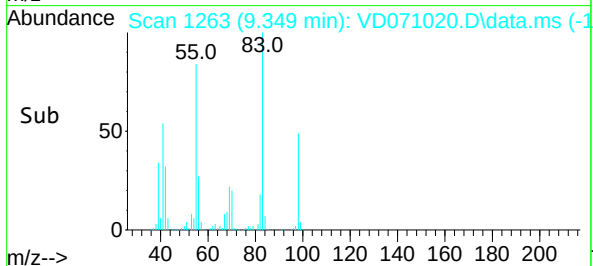
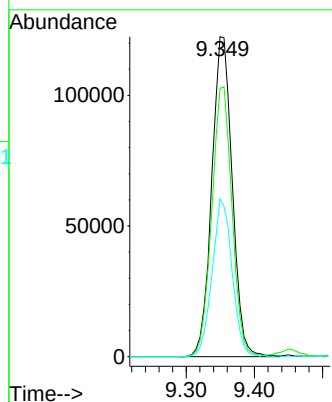
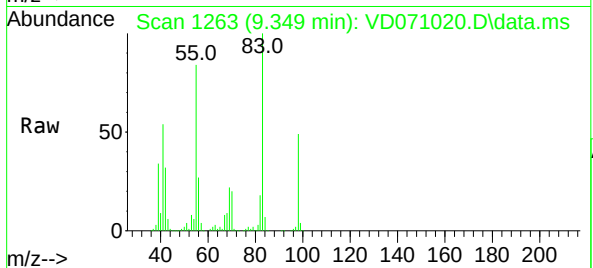
VSTDCCC050

Tgt Ion:	83	Resp:	256159
Ion Ratio	Lower	Upper	
83	100		
55	83.8	65.8	98.8
98	49.2	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 50.024 ug/l

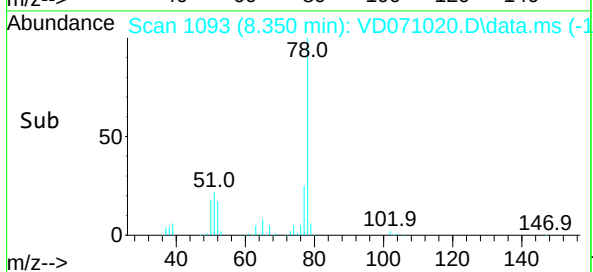
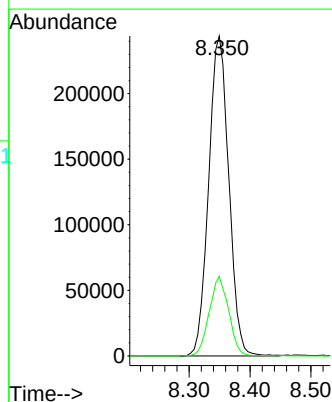
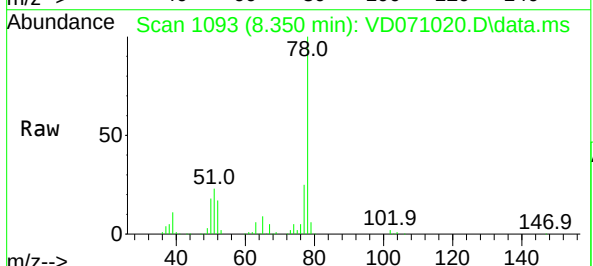
RT: 8.350 min Scan# 1093

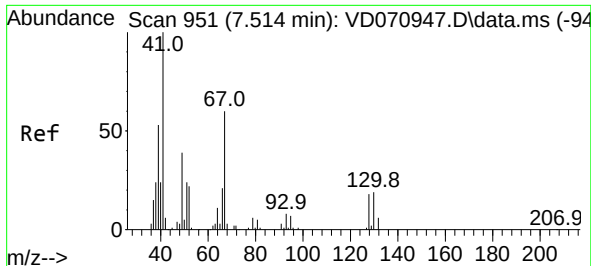
Delta R.T. -0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

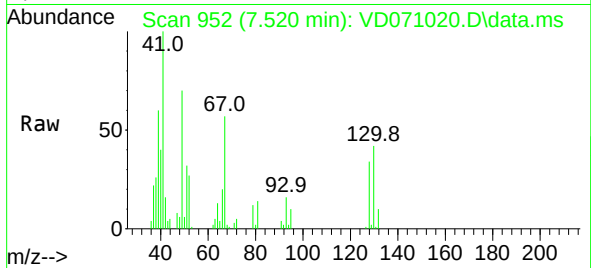
Tgt Ion:	78	Resp:	559469
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.1	28.7





#41
Methacrylonitrile
Concen: 44.672 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

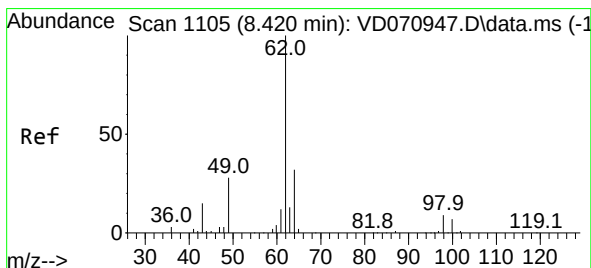
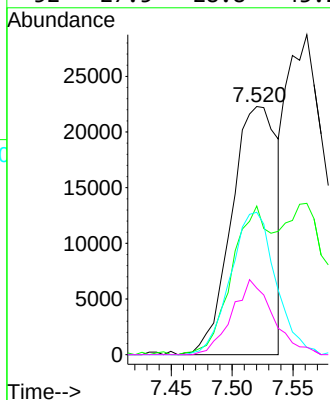
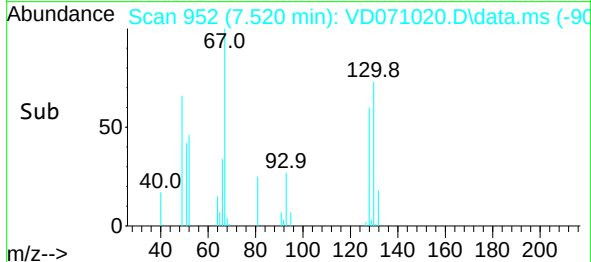
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



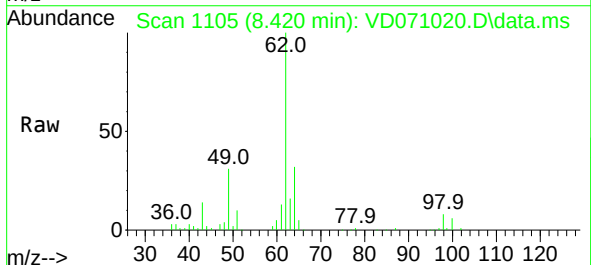
Tgt Ion: 41 Resp: 5771
Ion Ratio Lower Upper
41 100
39 49.9 60.2 90.4
67 57.4 74.8 112.2
52 27.5 28.8 43.2

Manual Integrations
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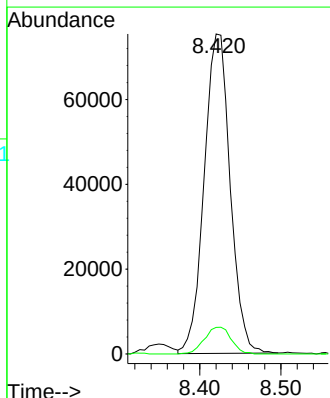
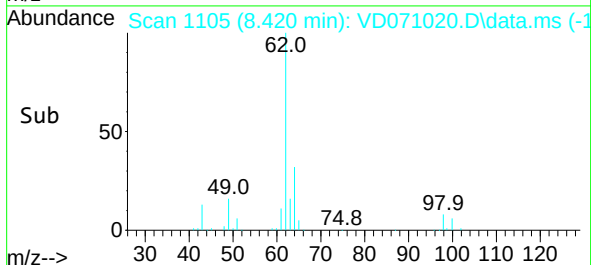
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

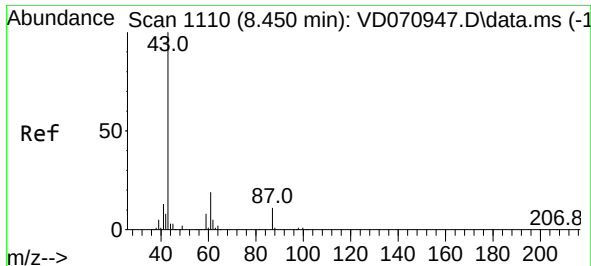


#42
1,2-Dichloroethane
Concen: 52.913 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



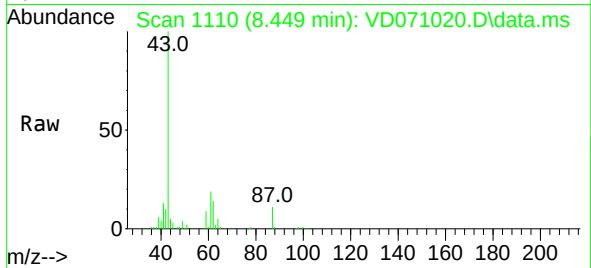
Tgt Ion: 62 Resp: 167617
Ion Ratio Lower Upper
62 100
98 8.6 0.0 21.8





#43
Isopropyl Acetate
Concen: 47.498 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

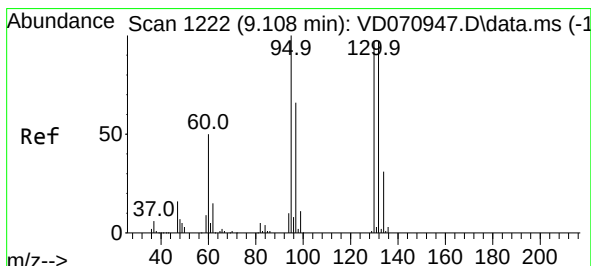
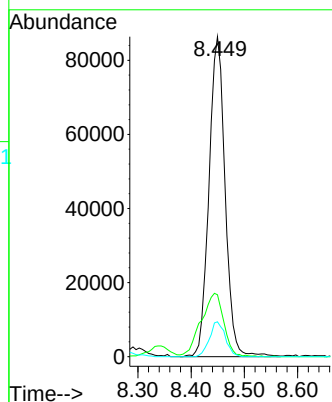
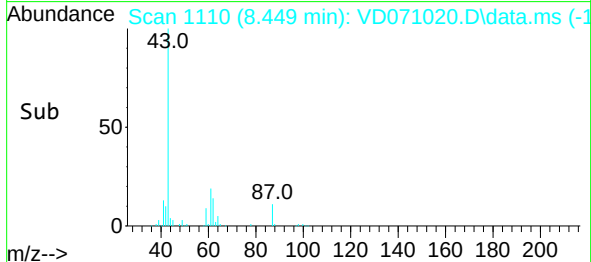
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18213
Ion Ratio Lower Upper
43 100
61 27.9 28.2 42.4
87 10.7 10.7 16.1

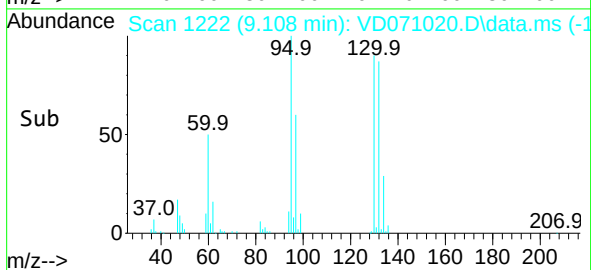
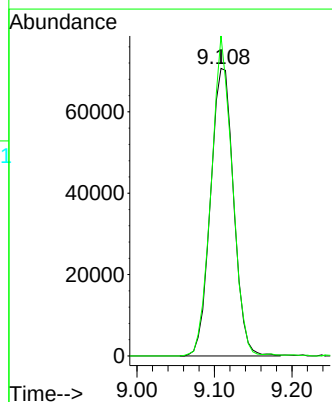
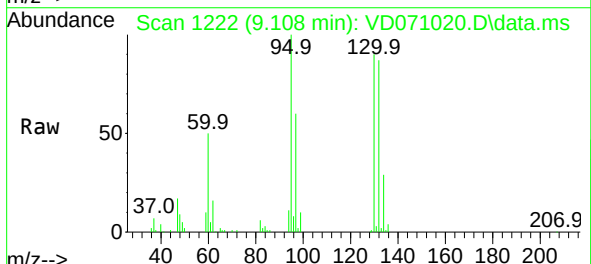
Manual Integrations
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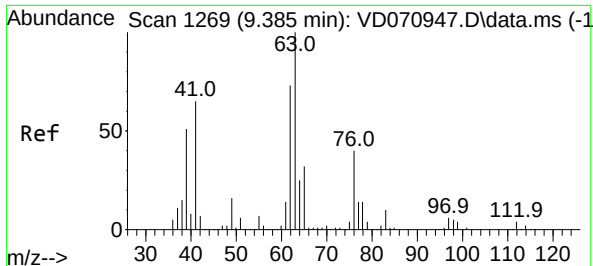
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 50.819 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion:130 Resp: 146498
Ion Ratio Lower Upper
130 100
95 111.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 48.811 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 147630

Ion Ratio Lower Upper

63 100

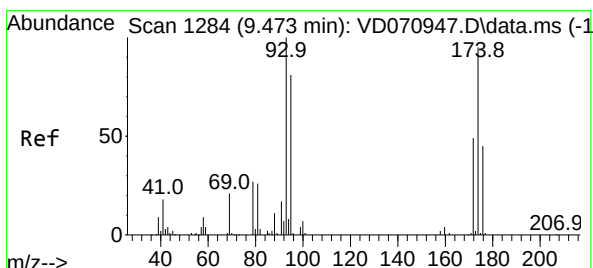
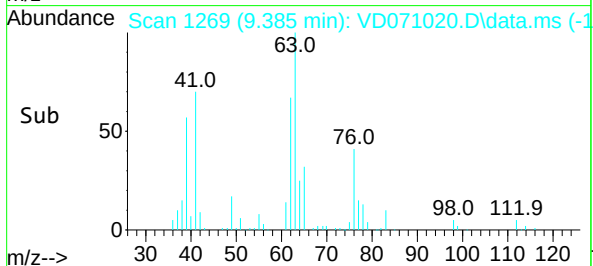
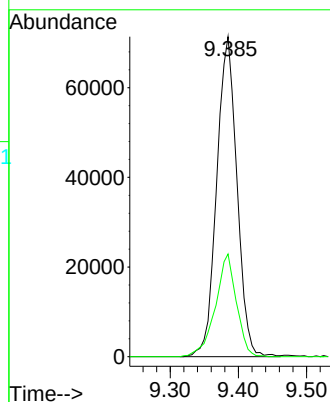
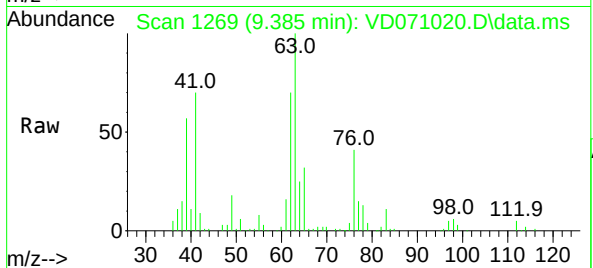
65 32.1 24.2 36.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 50.163 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

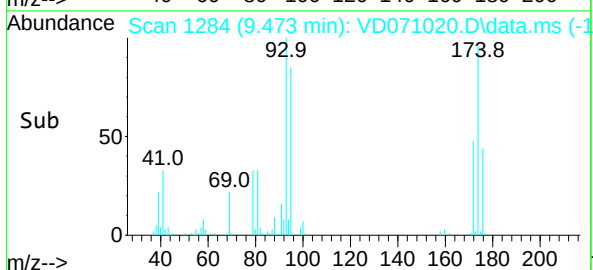
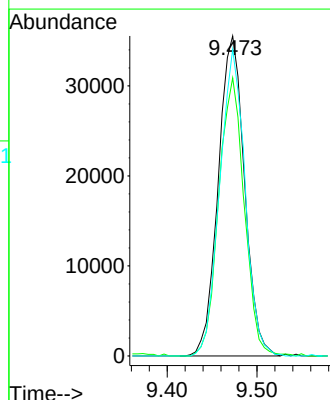
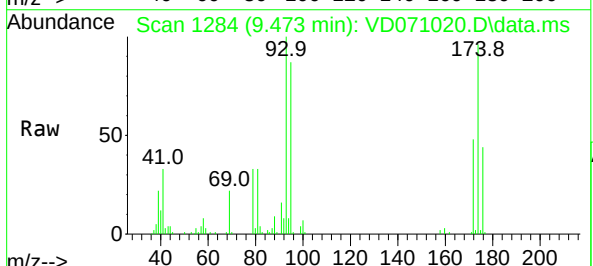
Tgt Ion: 93 Resp: 72217

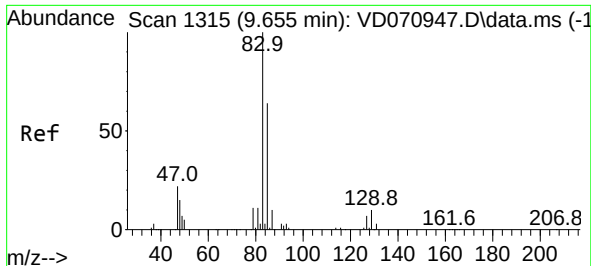
Ion Ratio Lower Upper

93 100

95 84.4 66.1 99.1

174 92.2 78.6 117.8





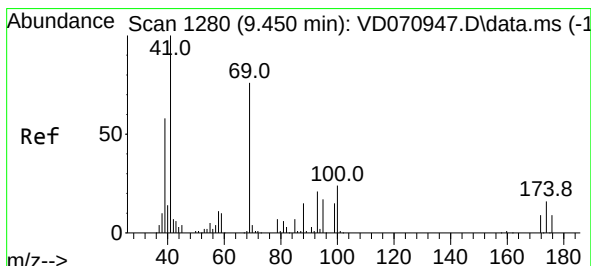
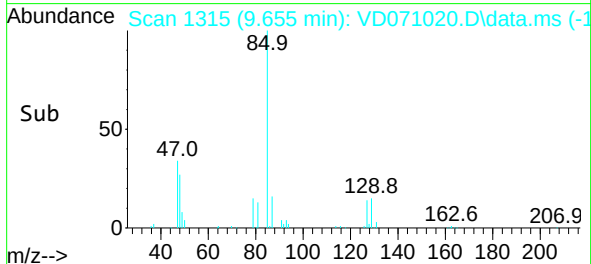
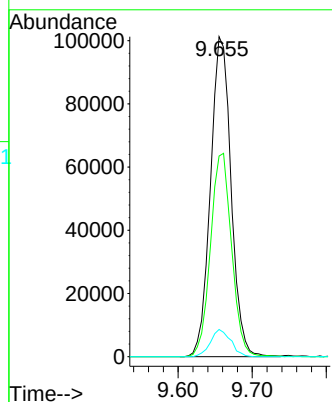
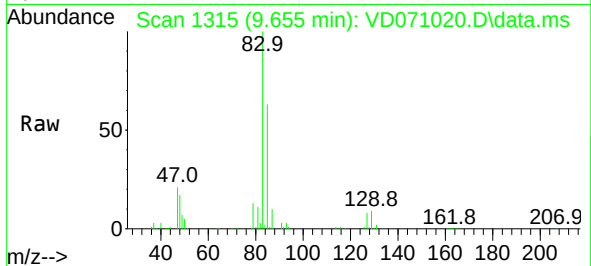
#47
Bromodichloromethane
Concen: 51.264 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 195208
Ion Ratio Lower Upper
83 100
85 62.7 50.0 75.0
127 8.5 7.3 10.9

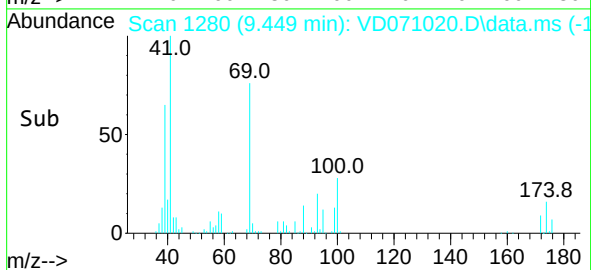
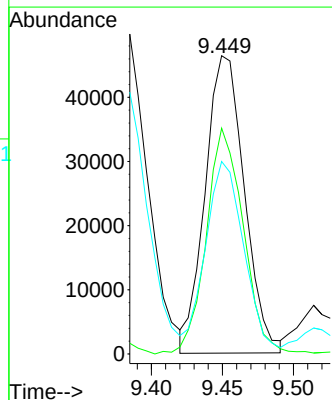
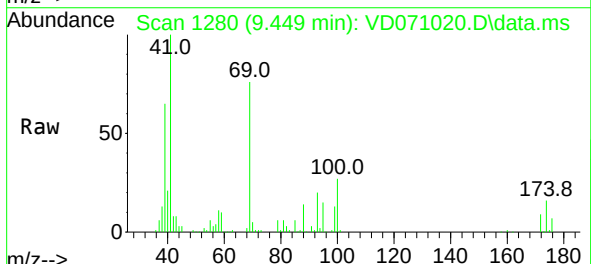
Manual Integrations
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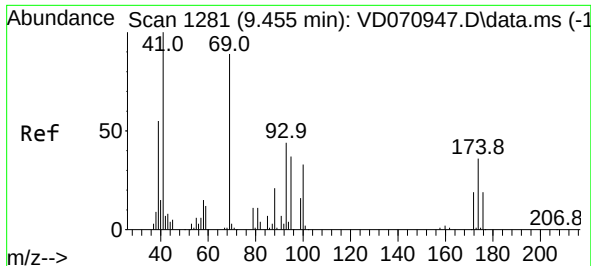
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 47.366 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion: 41 Resp: 89099
Ion Ratio Lower Upper
41 100
69 72.2 69.8 104.6
39 59.1 35.6 53.4#





#49

1,4-Dioxane

Concen: 883.067 ug/l

RT: 9.461 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

Instrument :

MSVOA_D

ClientSampleId :

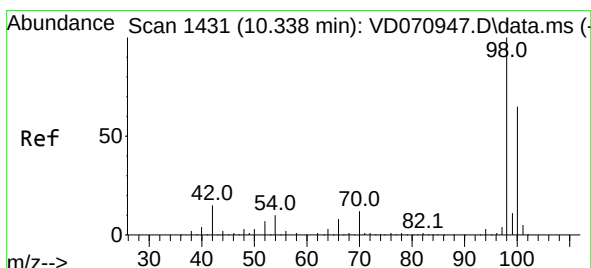
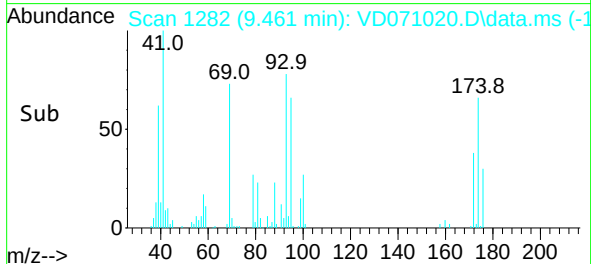
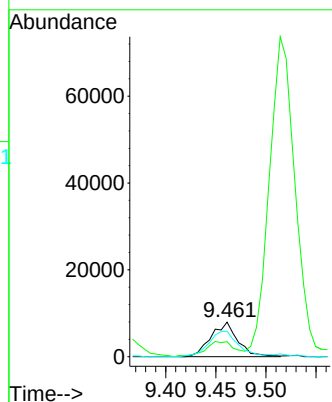
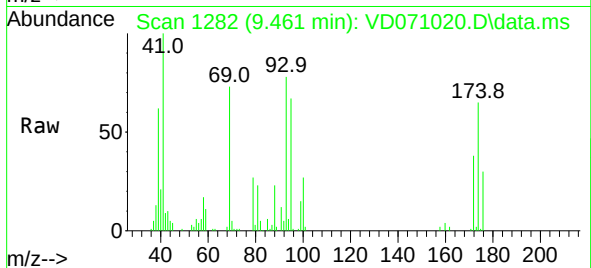
VSTDCCC050

Tgt Ion: 88 Resp: 14730
 Ion Ratio Lower Upper
 88 100
 43 49.1 28.9 43.3
 58 80.2 56.3 84.5

Manual Integrations

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Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 50.486 ug/l

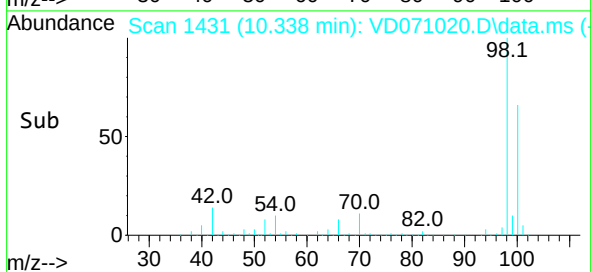
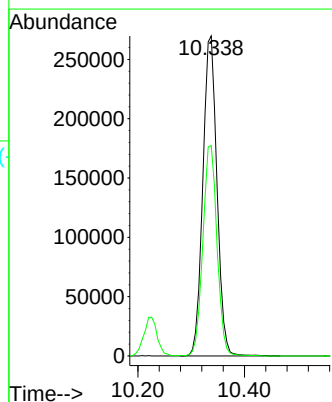
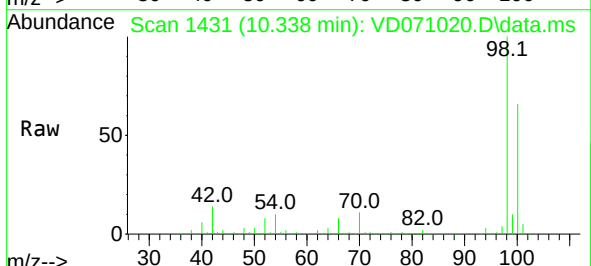
RT: 10.338 min Scan# 1431

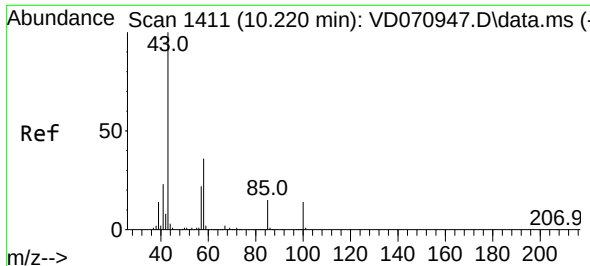
Delta R.T. -0.000 min

Lab File: VD071020.D

Acq: 15 Nov 2021 11:01

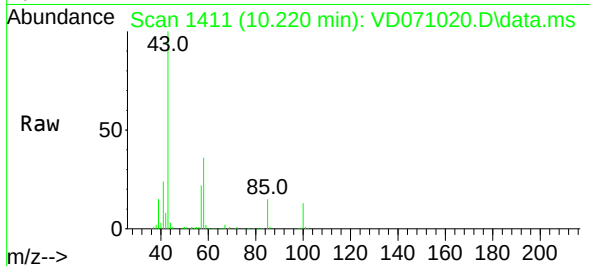
Tgt Ion: 98 Resp: 496239
 Ion Ratio Lower Upper
 98 100
 100 66.1 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 240.880 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

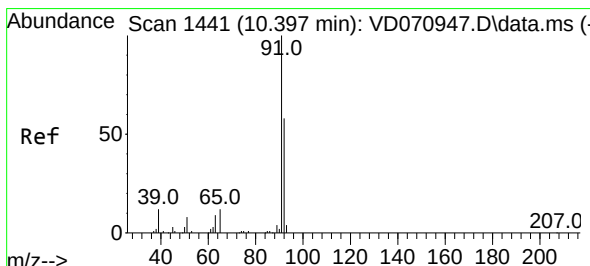
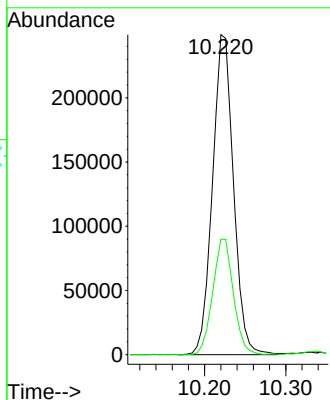
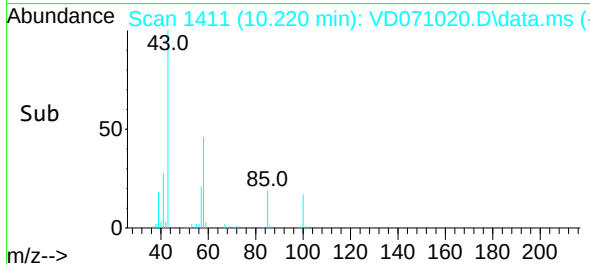
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 447802
Ion Ratio Lower Upper
43 100
58 35.6 33.1 49.7

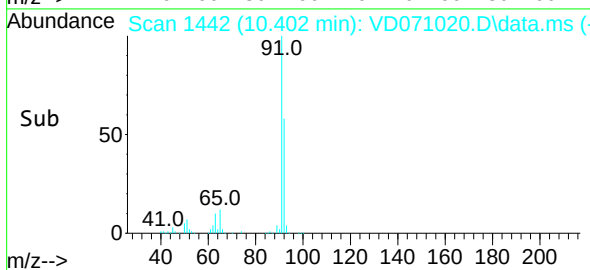
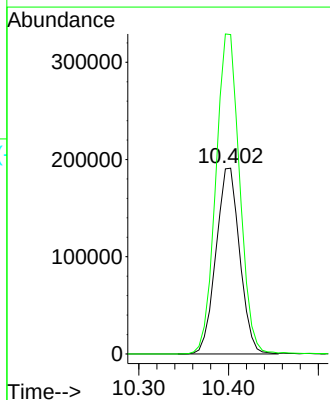
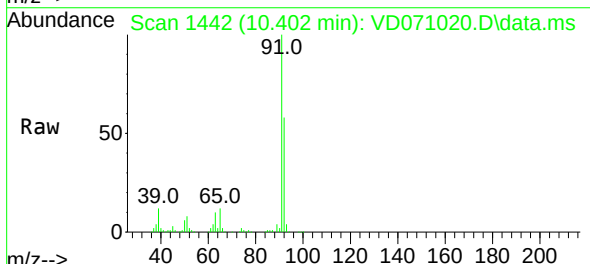
Manual Integrations
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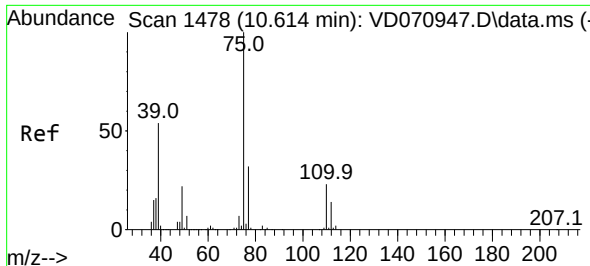
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 49.769 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

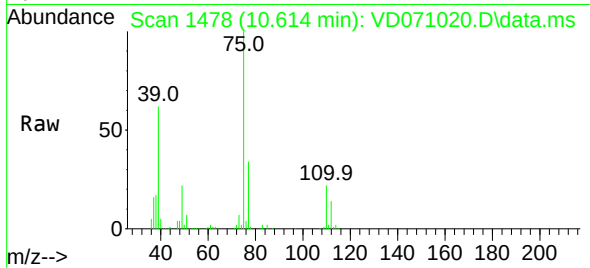
Tgt Ion: 92 Resp: 350873
Ion Ratio Lower Upper
92 100
91 173.5 140.7 211.1





#53
 t-1,3-Dichloropropene
 Concen: 48.534 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071020.D
 Acq: 15 Nov 2021 11:01

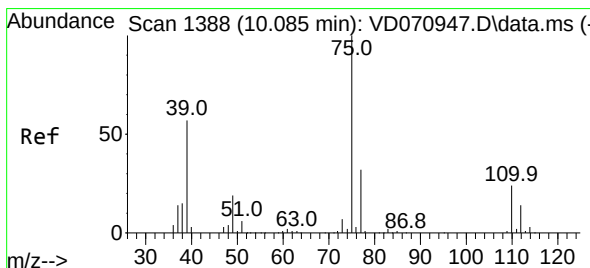
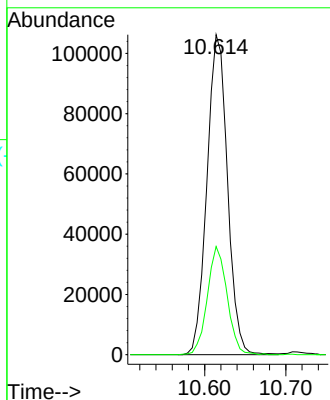
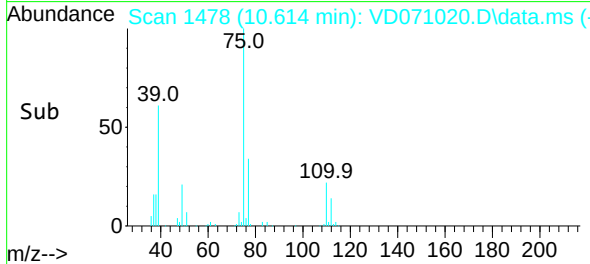
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 186369
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.5 36.7

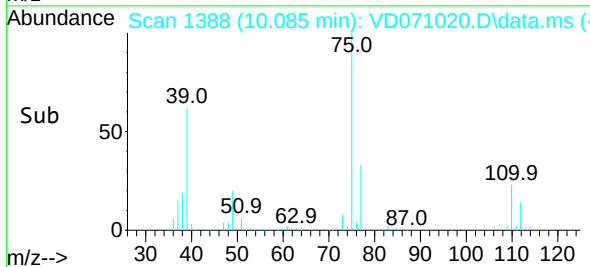
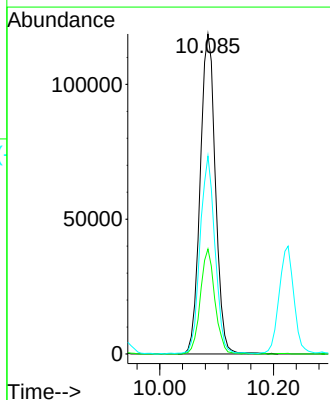
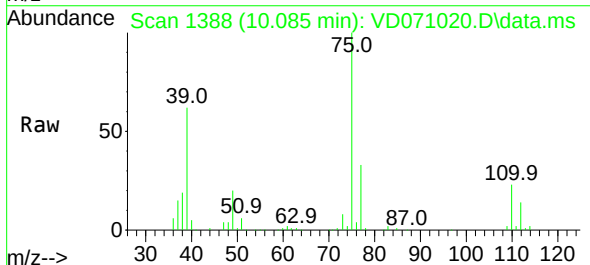
Manual Integrations
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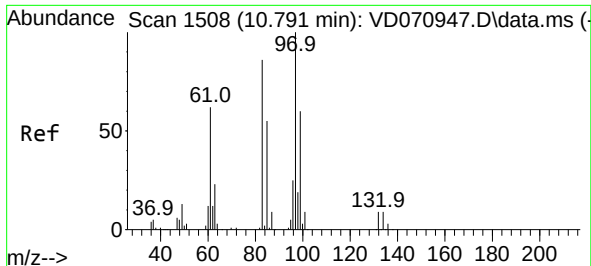
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#54
 cis-1,3-Dichloropropene
 Concen: 48.742 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071020.D
 Acq: 15 Nov 2021 11:01

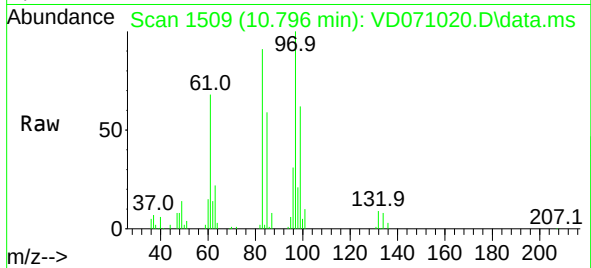
Tgt Ion: 75 Resp: 220711
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6
 39 61.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 48.928 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

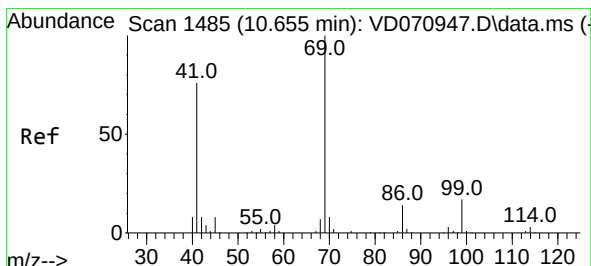
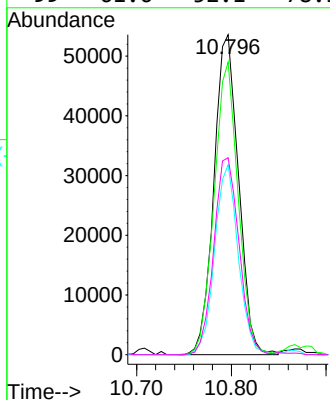
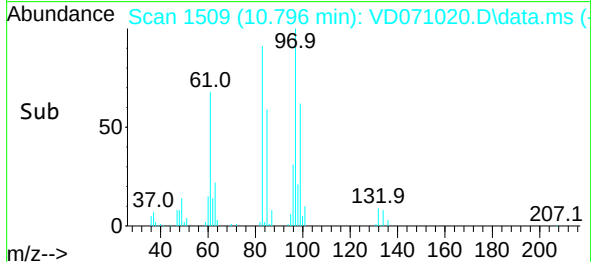
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



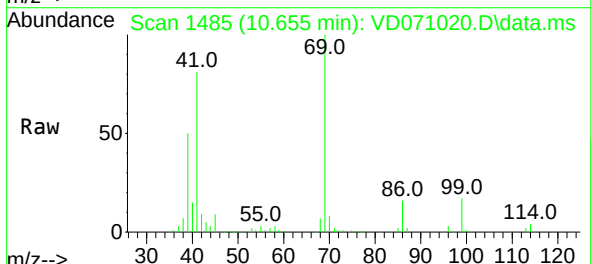
Tgt Ion: 97 Resp: 9681
Ion Ratio Lower Upper
97 100
83 91.4 65.2 97.8
85 59.3 43.4 65.0
99 61.6 52.1 78.1

Manual Integrations
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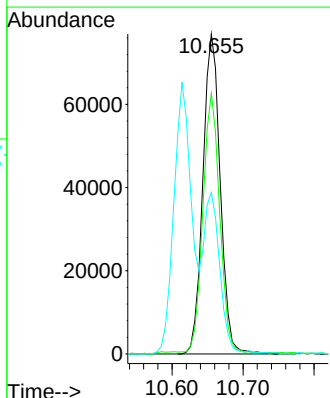
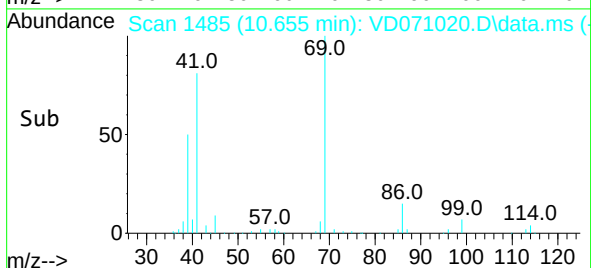
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

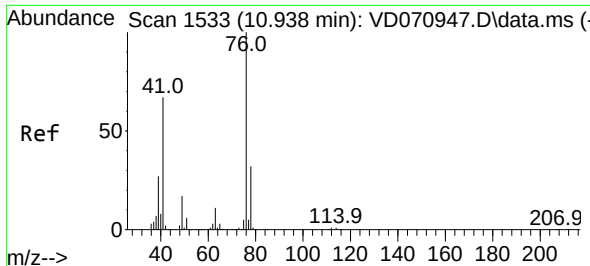


#56
Ethyl methacrylate
Concen: 46.712 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



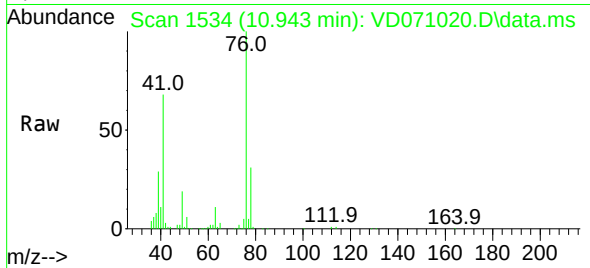
Tgt Ion: 69 Resp: 130775
Ion Ratio Lower Upper
69 100
41 78.7 50.2 75.2#
39 47.5 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 49.155 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

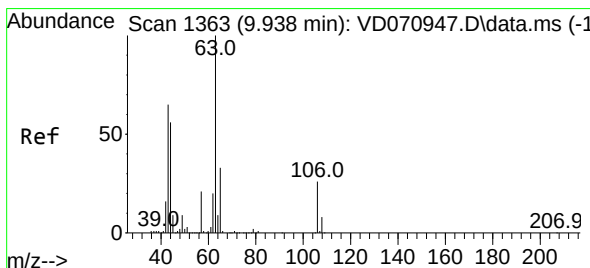
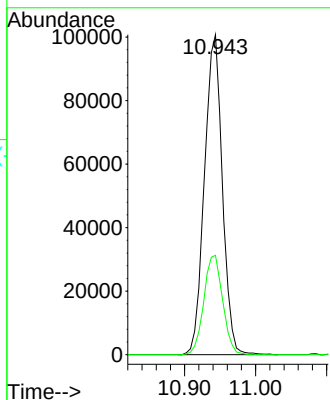
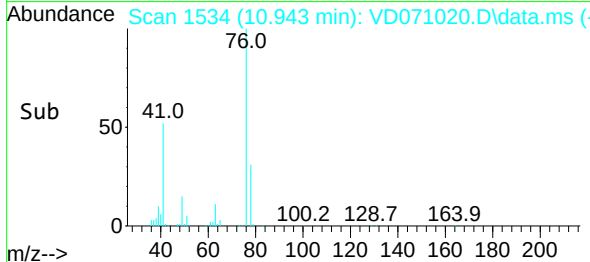
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 176629
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

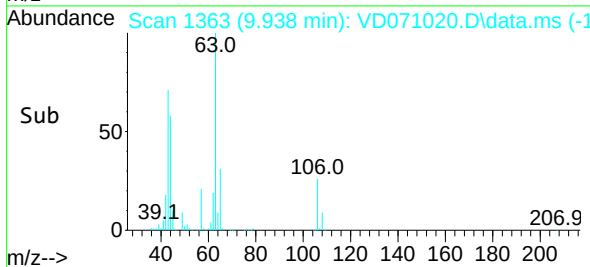
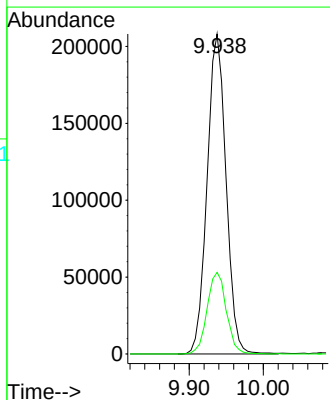
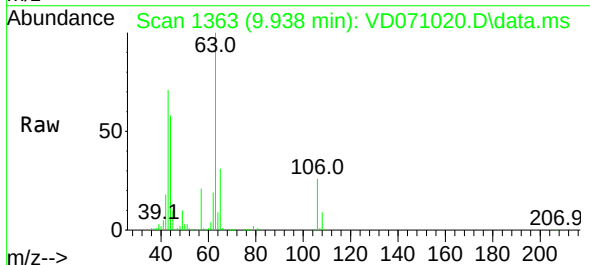
Manual Integrations
APPROVED

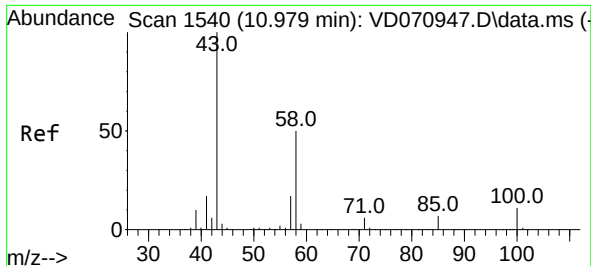
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
2-Chloroethyl Vinyl ether
Concen: 253.541 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion: 63 Resp: 369014
Ion Ratio Lower Upper
63 100
106 25.9 21.0 31.4





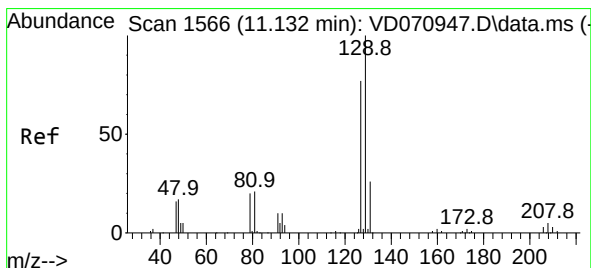
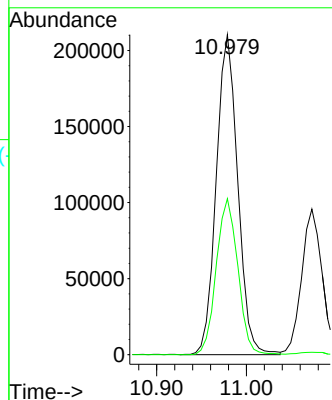
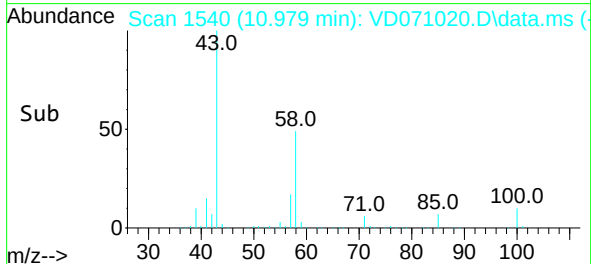
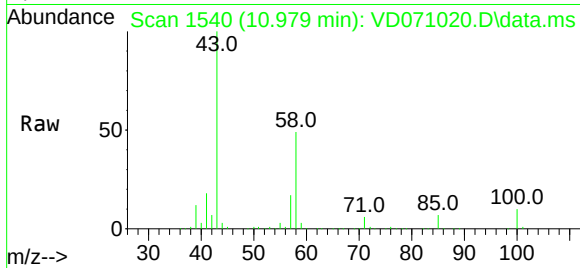
#59
2-Hexanone
Concen: 241.393 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 350069
Ion Ratio Lower Upper
43 100
58 49.0 28.7 86.1

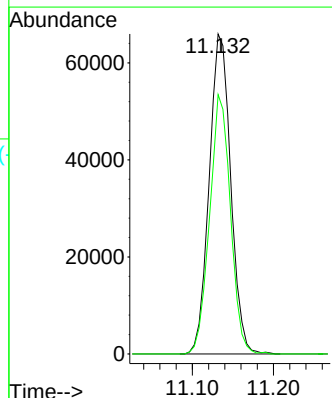
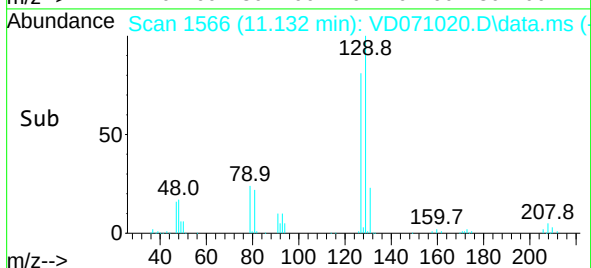
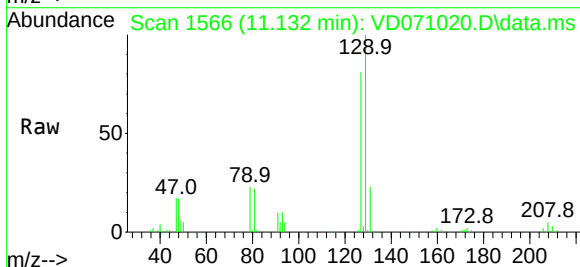
Manual Integrations
APPROVED

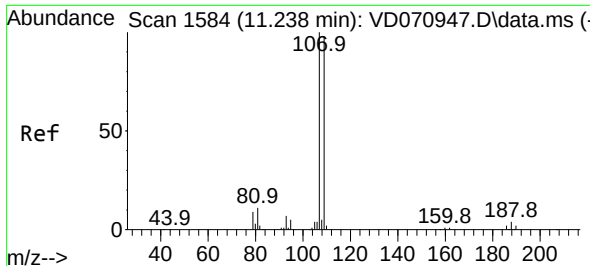
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 51.117 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

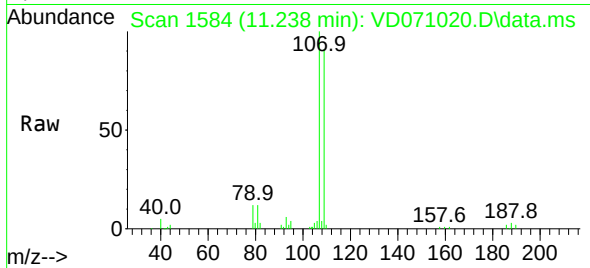
Tgt Ion:129 Resp: 121337
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 49.327 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

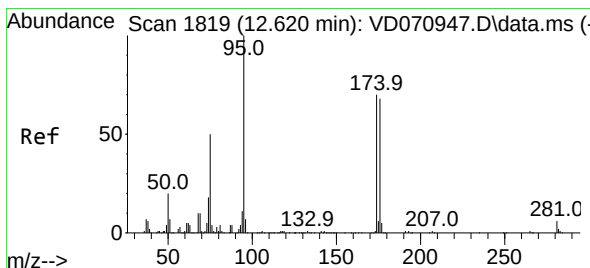
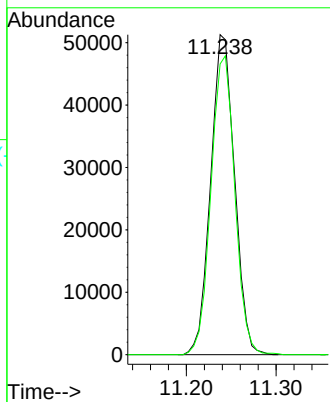
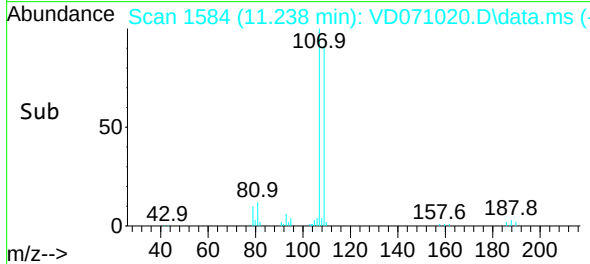
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



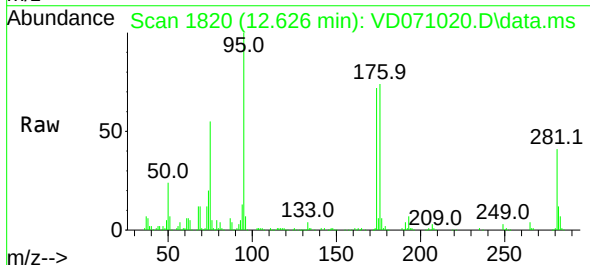
Tgt Ion:107 Resp: 94940
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

Manual Integrations
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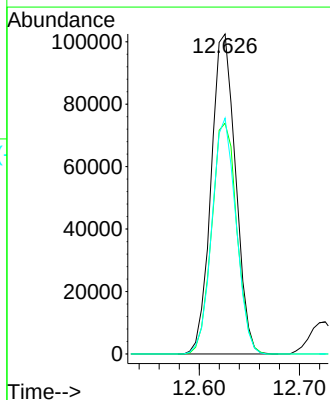
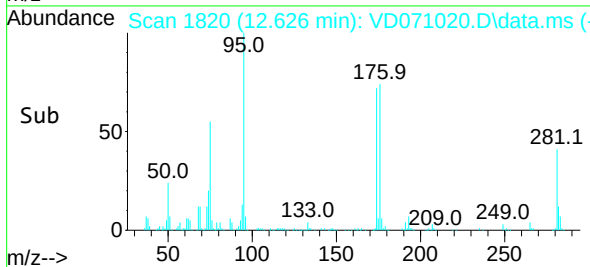
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

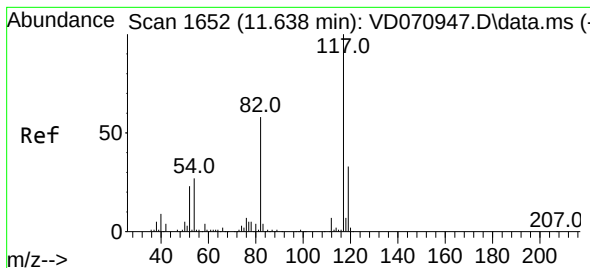


#62
4-Bromofluorobenzene
Concen: 49.040 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



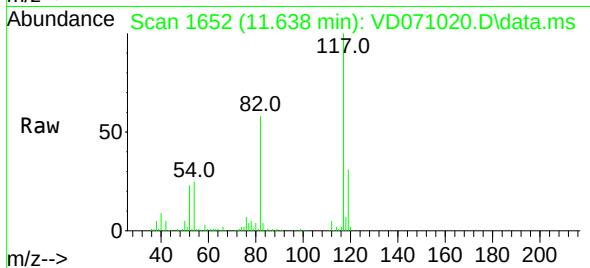
Tgt Ion: 95 Resp: 173558
Ion Ratio Lower Upper
95 100
174 73.8 0.0 159.4
176 72.5 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

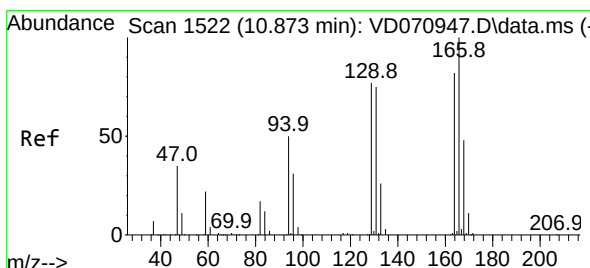
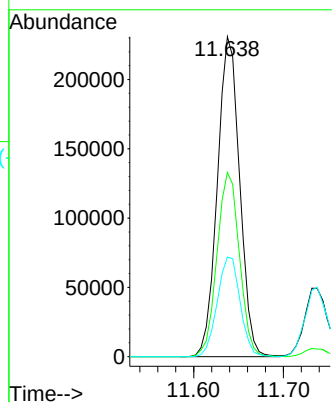
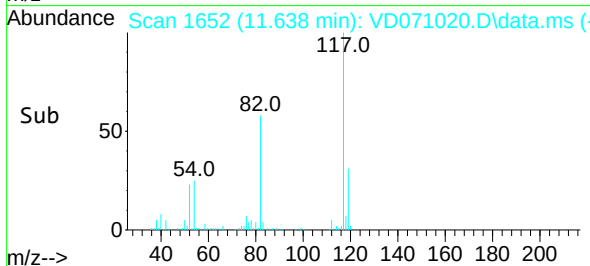
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



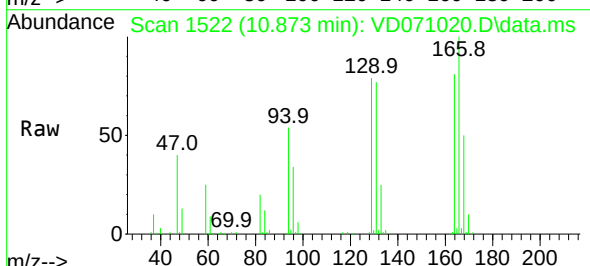
Tgt Ion:117 Resp: 39851
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 31.1 26.2 39.4

Manual Integrations
APPROVED

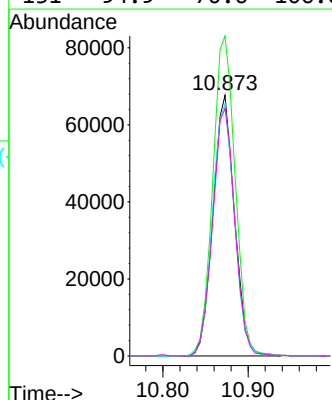
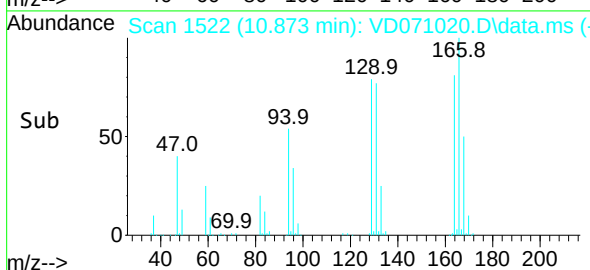
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

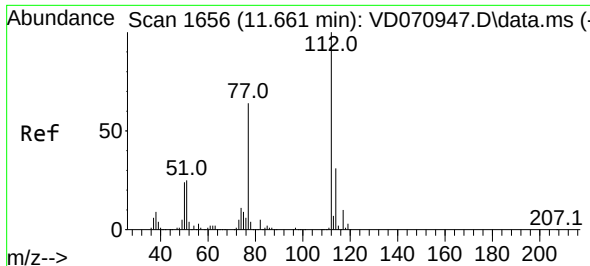


#64
Tetrachloroethene
Concen: 51.225 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



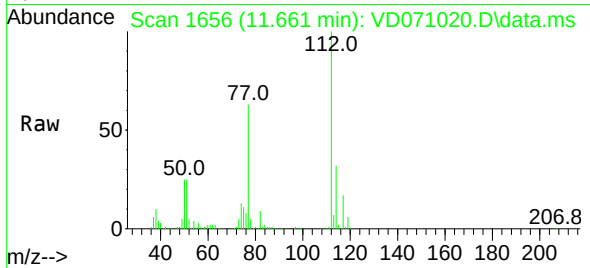
Tgt Ion:164 Resp: 119039
Ion Ratio Lower Upper
164 100
166 122.7 102.6 153.8
129 96.7 75.4 113.0
131 94.9 70.6 106.0





#65
Chlorobenzene
Concen: 50.284 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

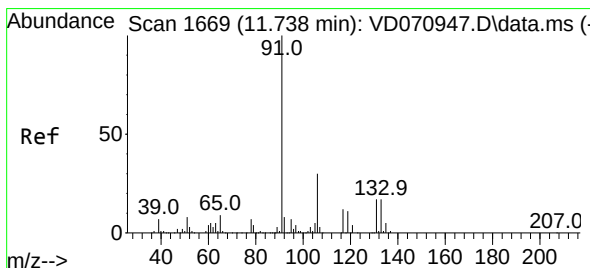
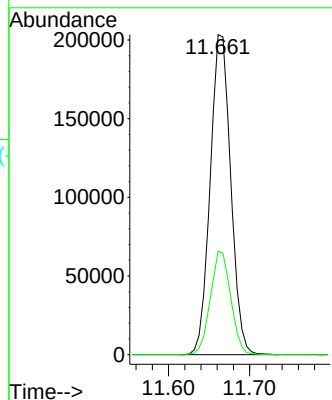
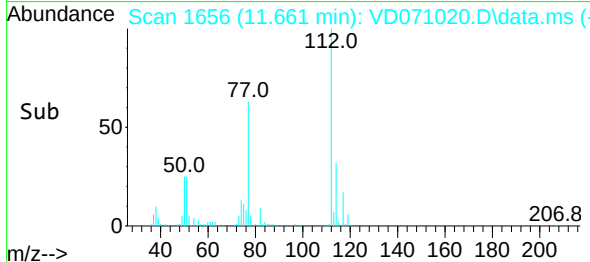
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



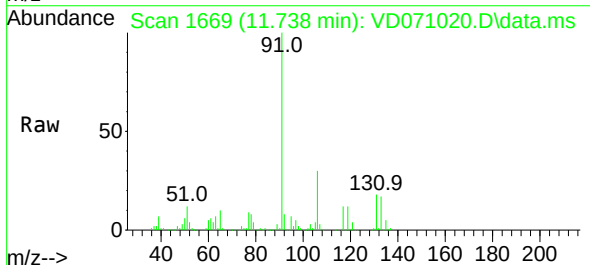
Tgt Ion:112 Resp: 357538
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

Manual Integrations
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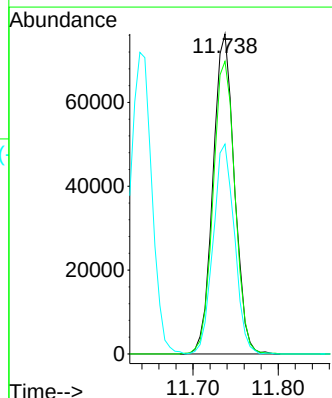
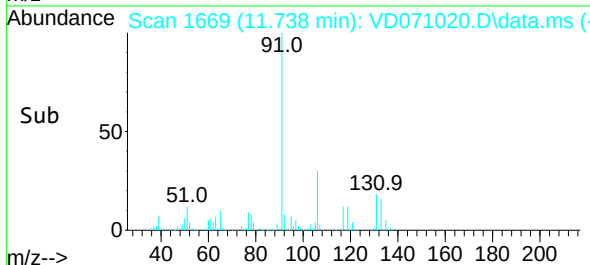
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

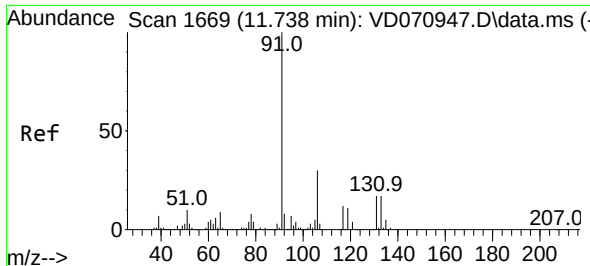


#66
1,1,1,2-Tetrachloroethane
Concen: 52.712 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



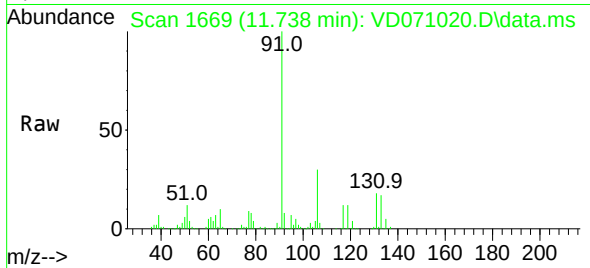
Tgt Ion:131 Resp: 133031
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.0
119 65.4 33.5 100.4





#67
Ethyl Benzene
Concen: 51.035 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

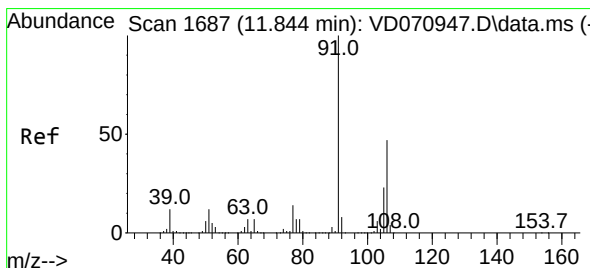
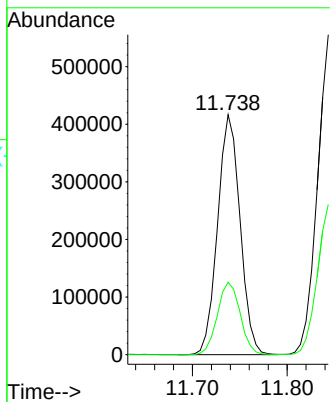
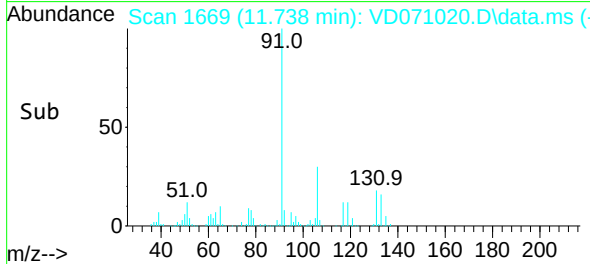
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



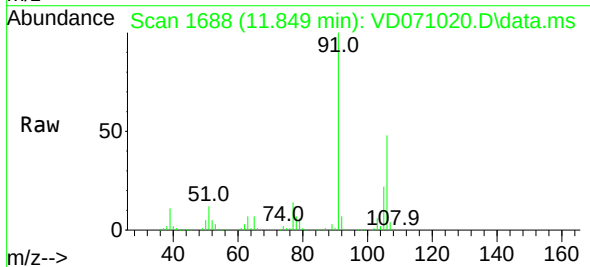
Tgt Ion: 91 Resp: 68721
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

Manual Integrations
APPROVED

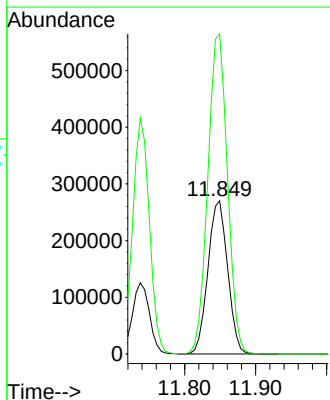
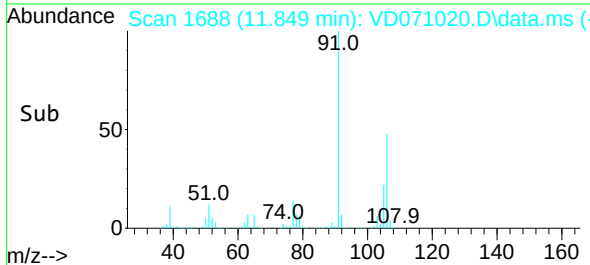
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

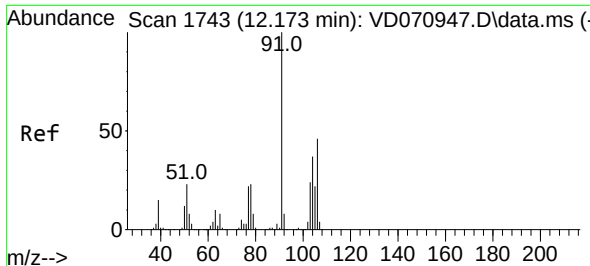


#68
m/p-Xylenes
Concen: 103.195 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



Tgt Ion:106 Resp: 519349
Ion Ratio Lower Upper
106 100
91 209.1 160.1 240.1





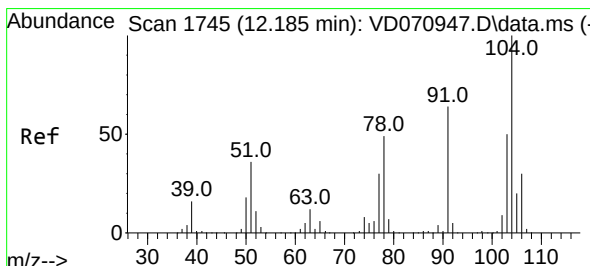
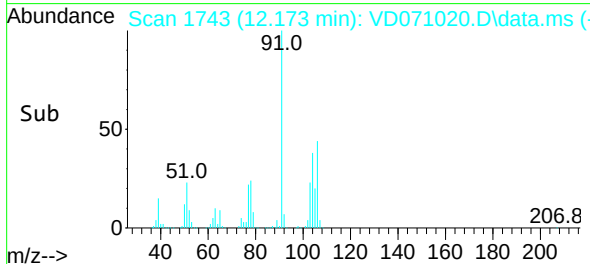
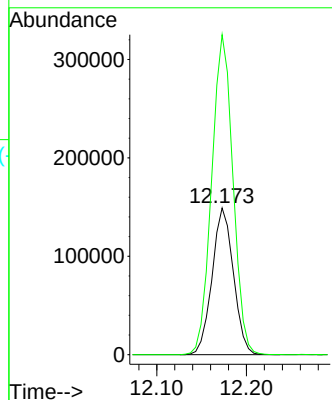
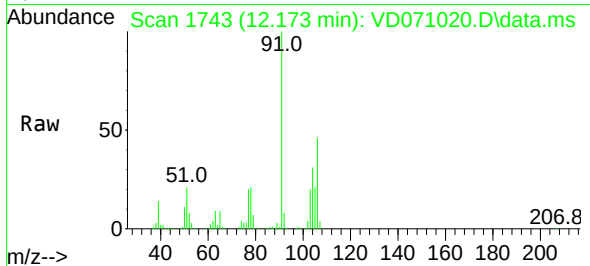
#69
o-Xylene
Concen: 51.371 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 245912
Ion Ratio Lower Upper
106 100
91 217.5 106.3 319.0

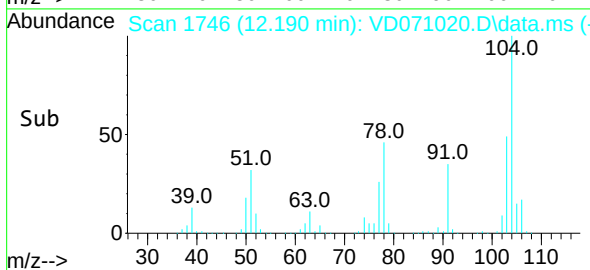
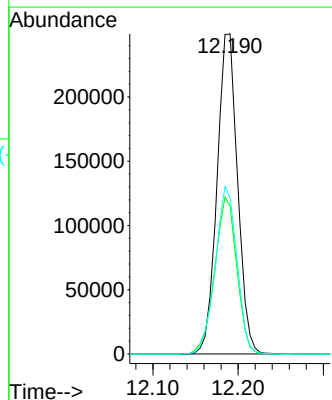
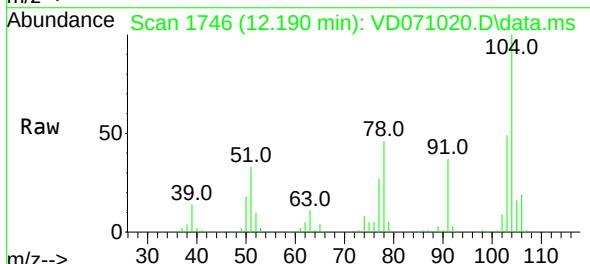
Manual Integrations
APPROVED

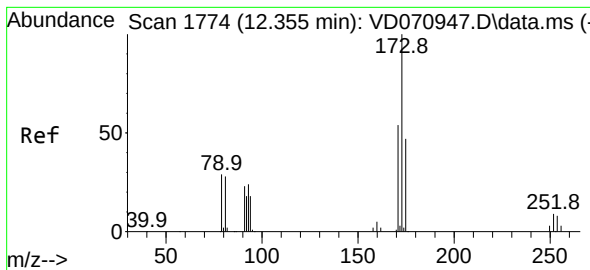
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 51.520 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion:104 Resp: 417585
Ion Ratio Lower Upper
104 100
78 52.6 39.4 59.0
103 54.9 43.4 65.0





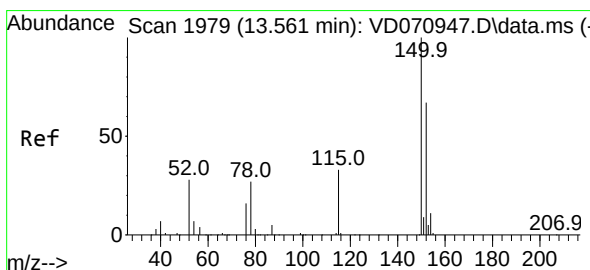
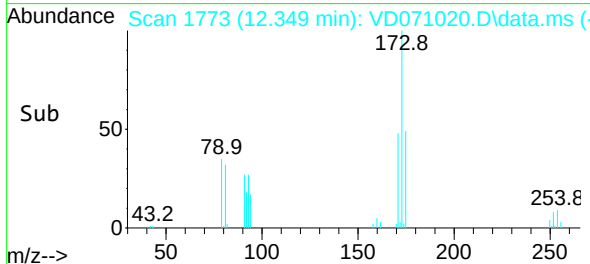
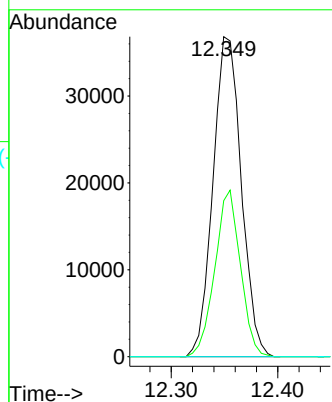
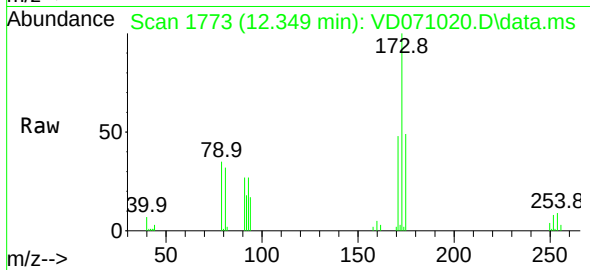
#71
Bromoform
Concen: 51.545 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 6783
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.2
254 0.0 0.1 0.1

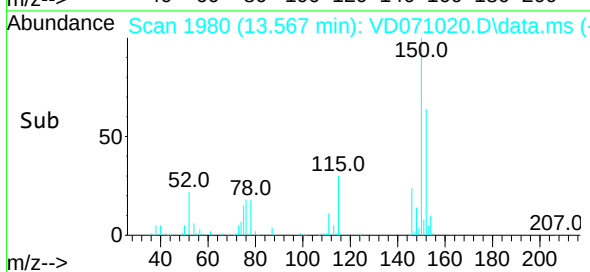
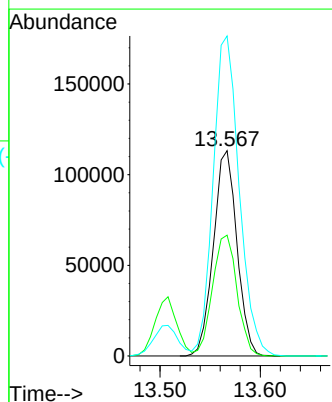
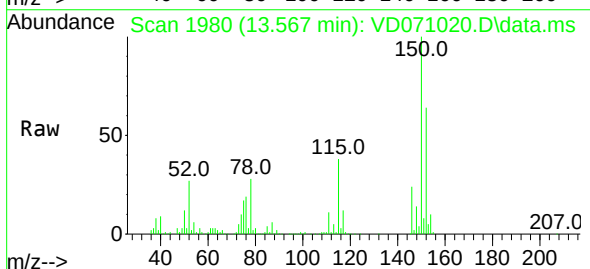
Manual Integrations
APPROVED

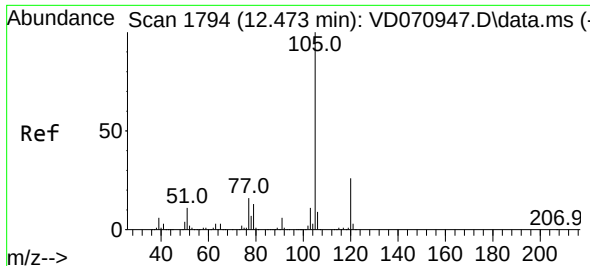
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

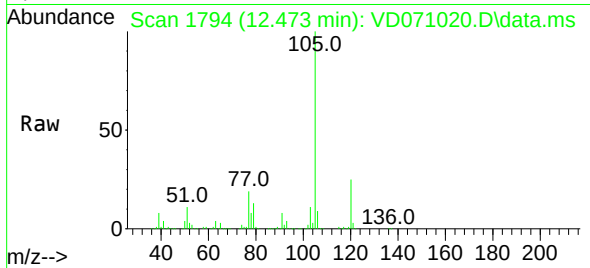
Tgt Ion:152 Resp: 184343
Ion Ratio Lower Upper
152 100
115 61.4 29.8 89.3
150 172.5 0.0 349.2





#73
Isopropylbenzene
Concen: 50.250 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

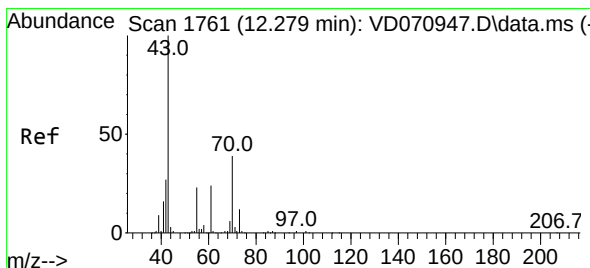
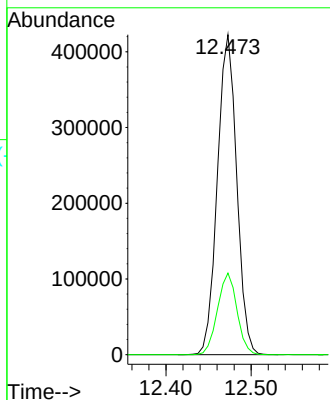
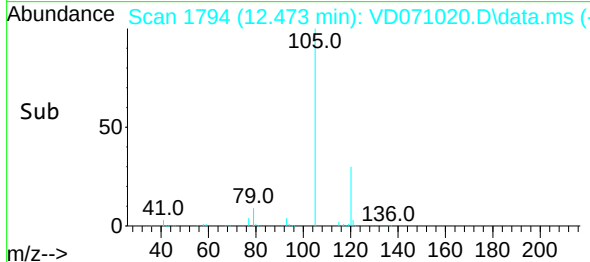
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



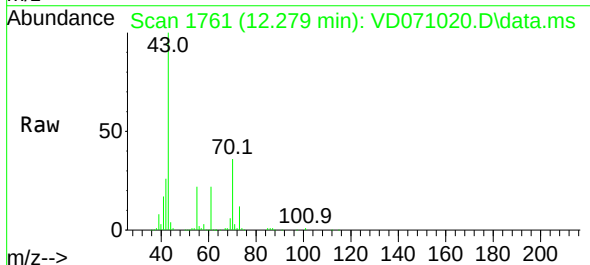
Tgt Ion:105 Resp: 66734
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

Manual Integrations
APPROVED

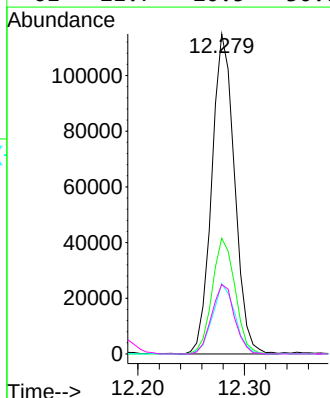
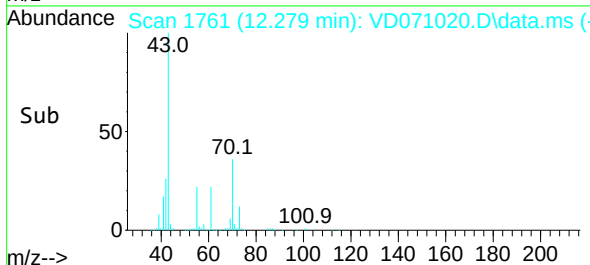
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

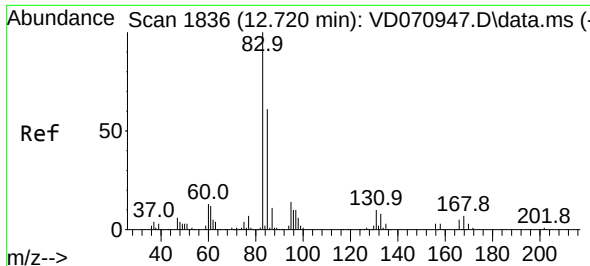


#74
N-ethyl acetate
Concen: 44.992 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



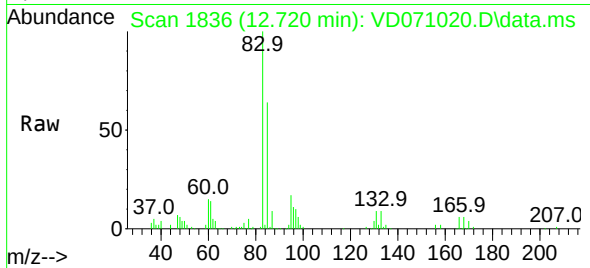
Tgt Ion: 43 Resp: 170701
Ion Ratio Lower Upper
43 100
70 36.3 36.6 55.0#
55 21.6 22.5 33.7#
61 21.7 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.648 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

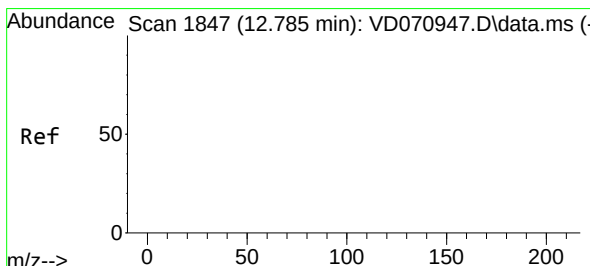
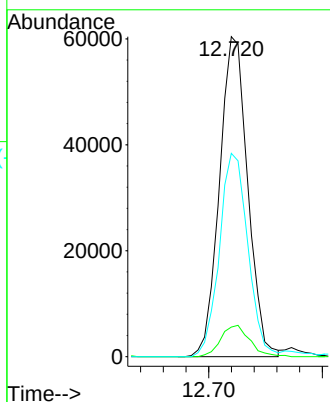
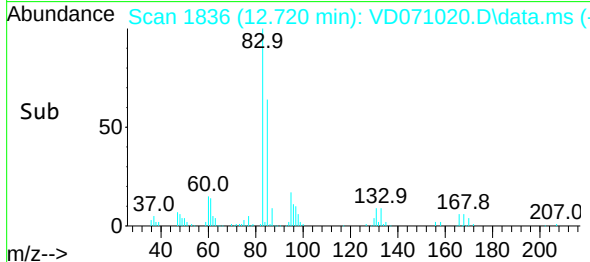
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 104344
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 63.9 32.0 96.2

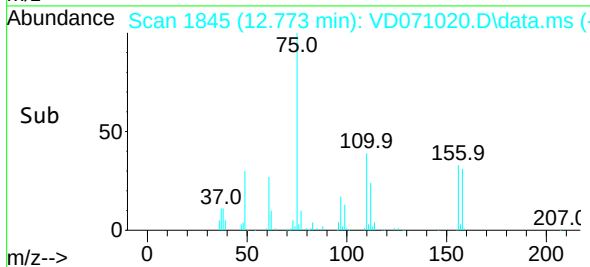
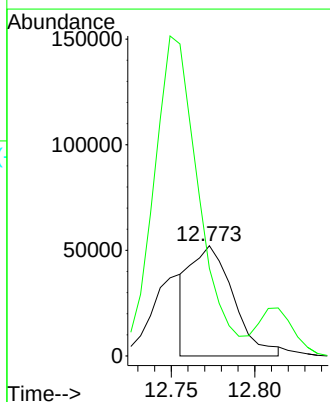
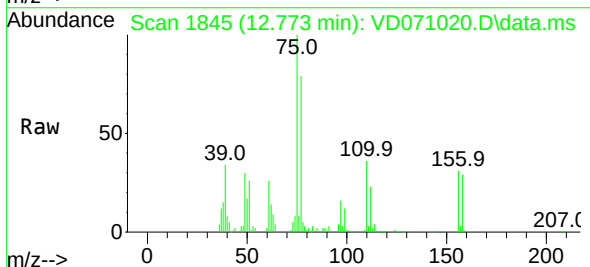
Manual Integrations
APPROVED

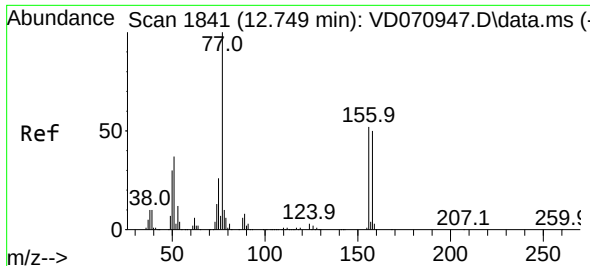
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 59.712 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

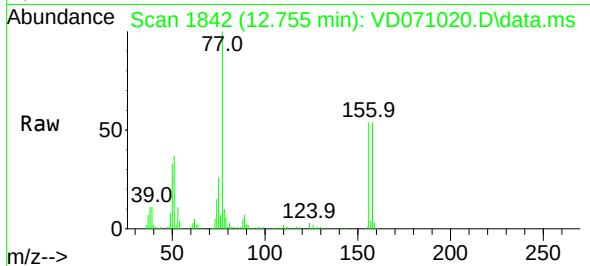
Tgt Ion: 75 Resp: 94026
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 49.085 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

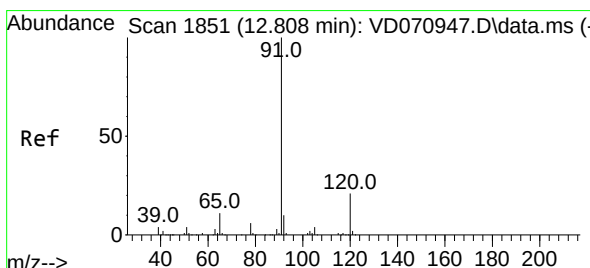
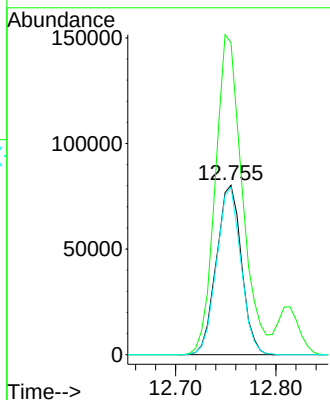
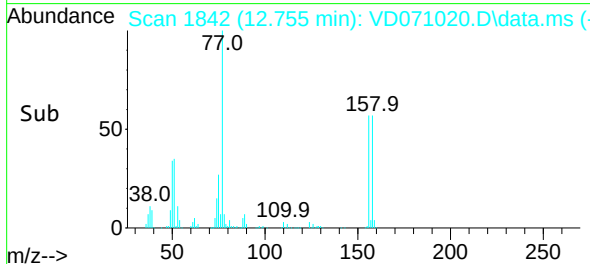
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 139280
Ion Ratio Lower Upper
156 100
77 202.4 96.6 289.8
158 96.0 49.1 147.4

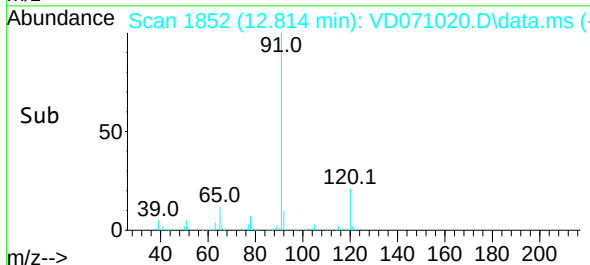
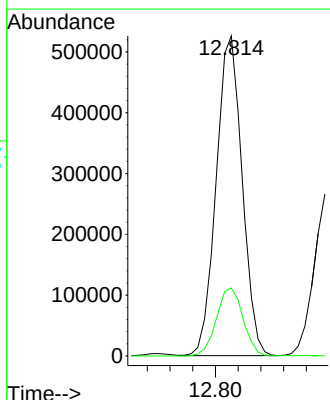
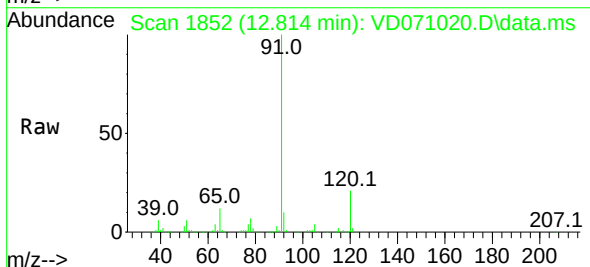
Manual Integrations
APPROVED

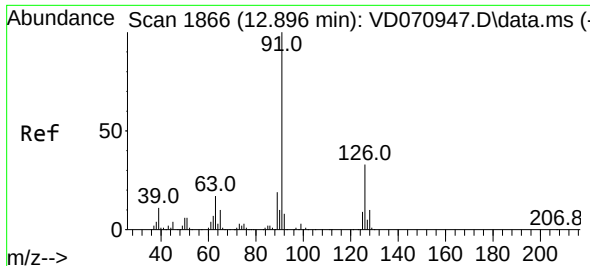
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 50.611 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion: 91 Resp: 832831
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





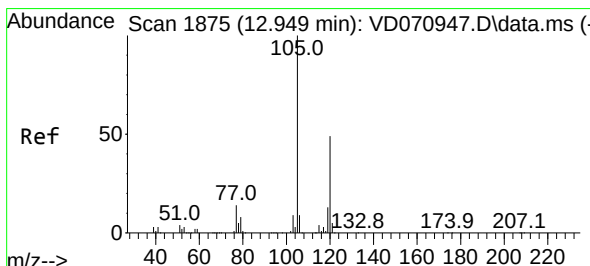
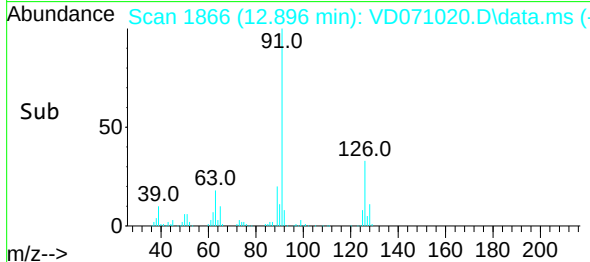
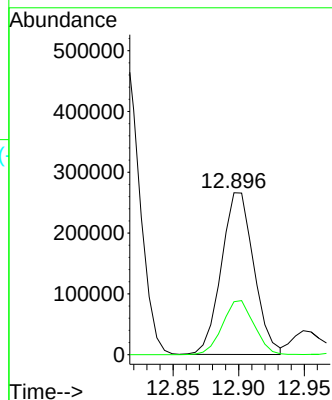
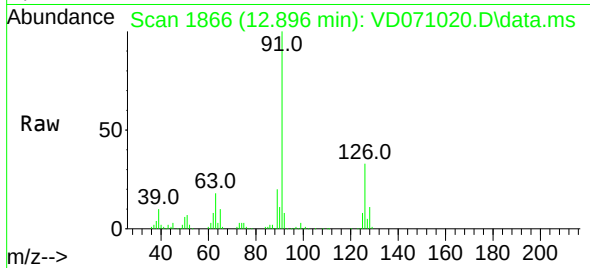
#79
2-Chlorotoluene
Concen: 48.947 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 459250
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7

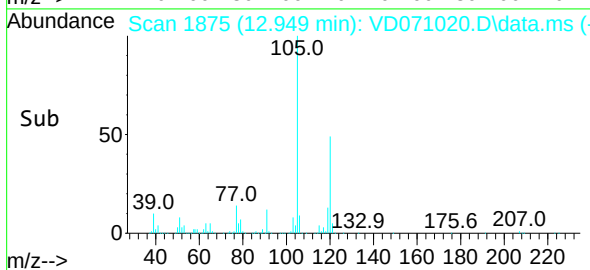
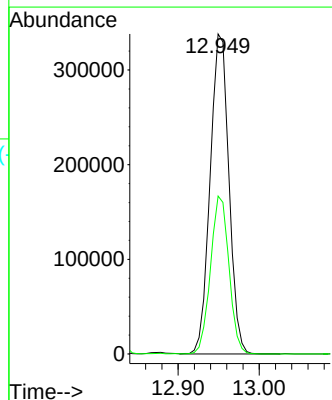
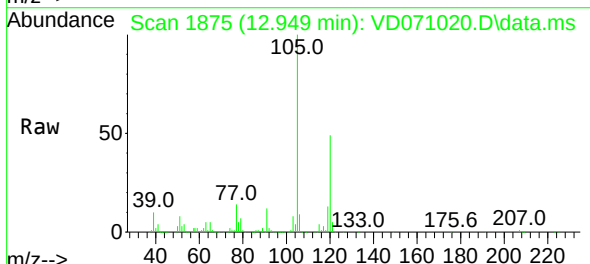
Manual Integrations
APPROVED

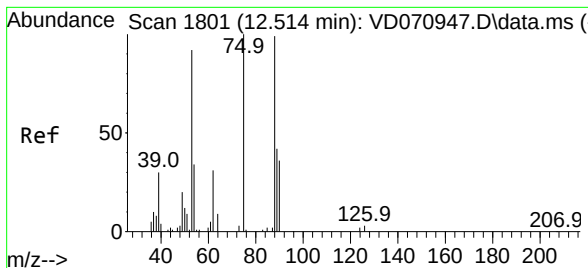
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.632 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

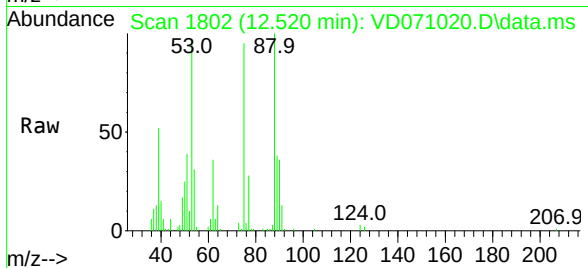
Tgt Ion:105 Resp: 542703
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.874 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

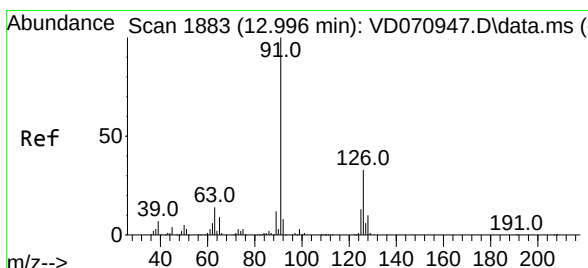
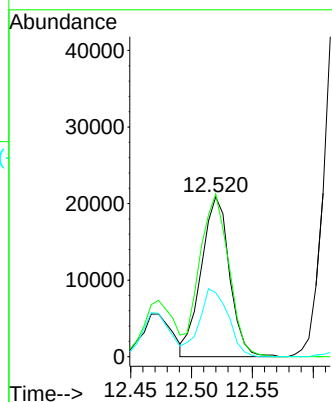
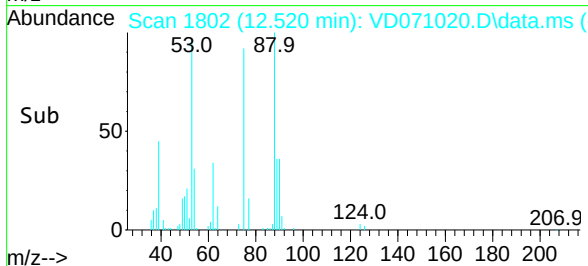
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



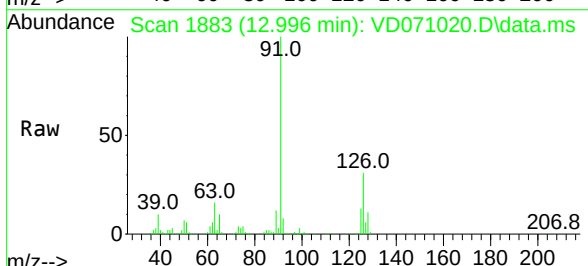
Tgt Ion: 75 Resp: 33752
Ion Ratio Lower Upper
75 100
53 105.9 62.6 94.0
89 43.6 34.5 51.7

Manual Integrations
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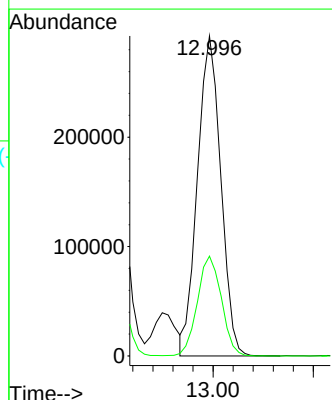
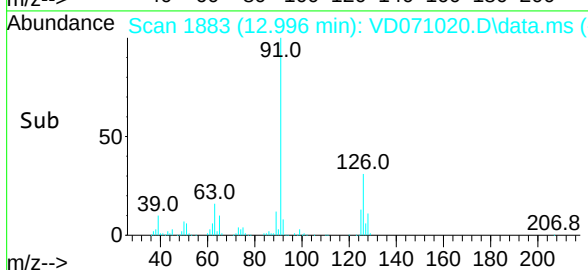
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

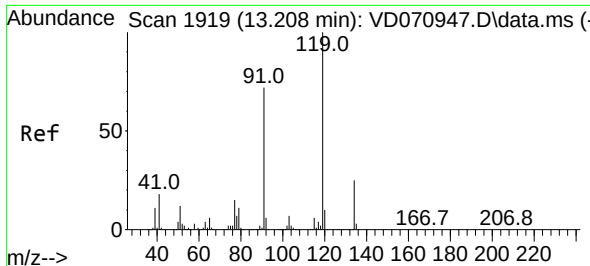


#82
4-Chlorotoluene
Concen: 48.900 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



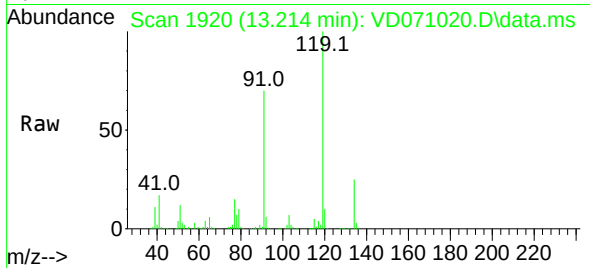
Tgt Ion: 91 Resp: 473519
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.1





#83
tert-Butylbenzene
Concen: 50.332 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

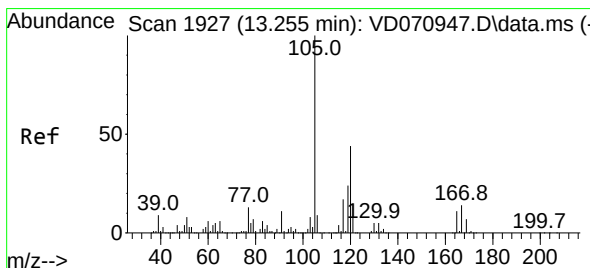
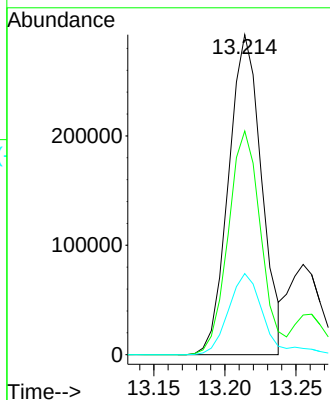
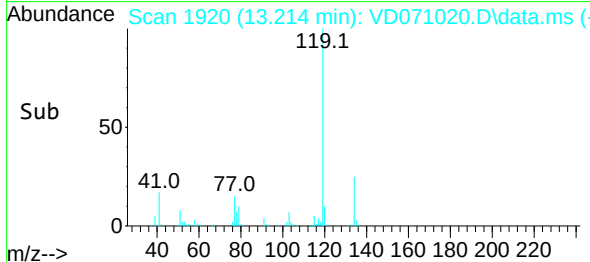
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 474089
Ion Ratio Lower Upper
119 100
91 69.3 32.5 97.5
134 27.1 13.2 39.6

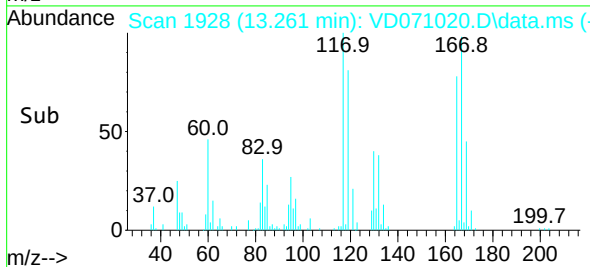
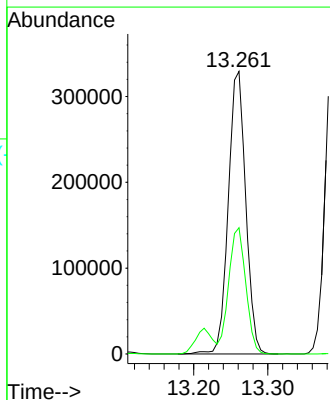
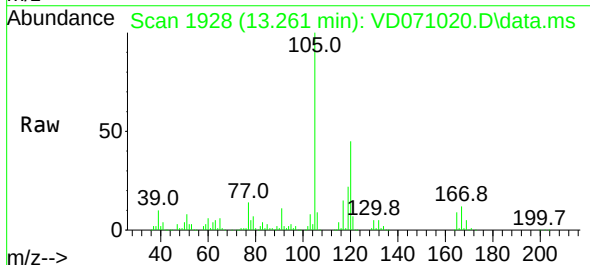
Manual Integrations
APPROVED

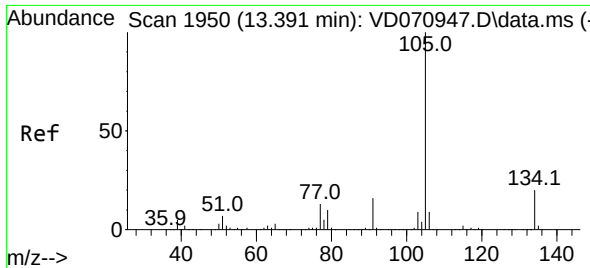
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 50.173 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion:105 Resp: 537282
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7





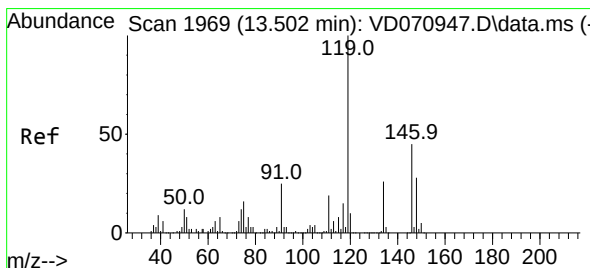
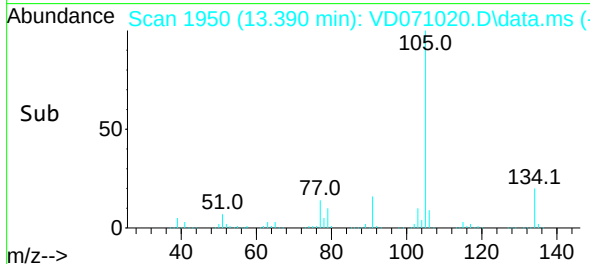
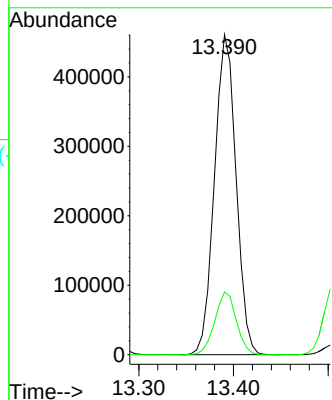
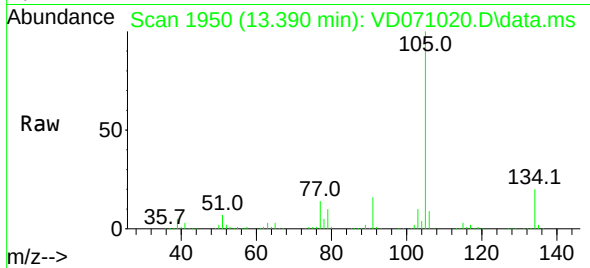
#85
 sec-Butylbenzene
 Concen: 51.608 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071020.D
 Acq: 15 Nov 2021 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 73081
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

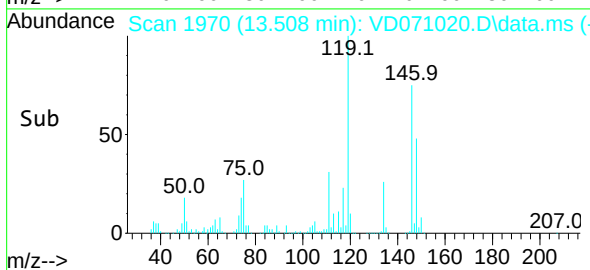
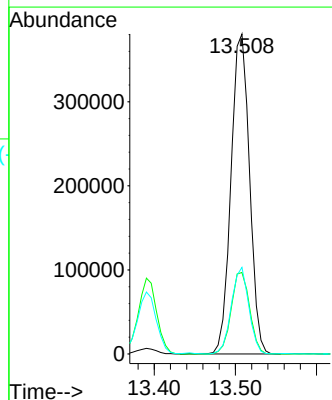
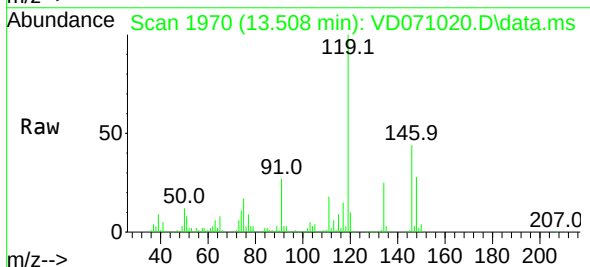
Manual Integrations
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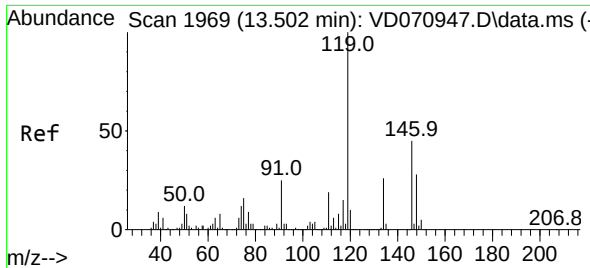
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 52.989 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071020.D
 Acq: 15 Nov 2021 11:01

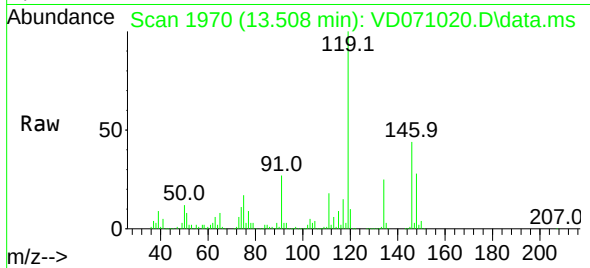
Tgt Ion:119 Resp: 602527
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 25.5 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 50.689 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

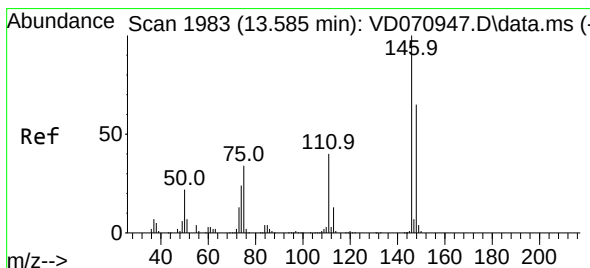
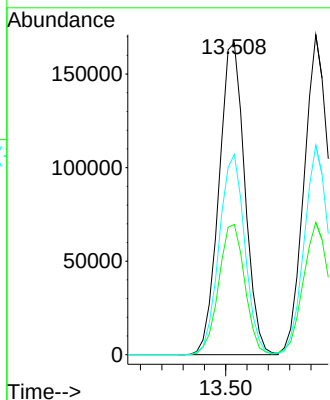
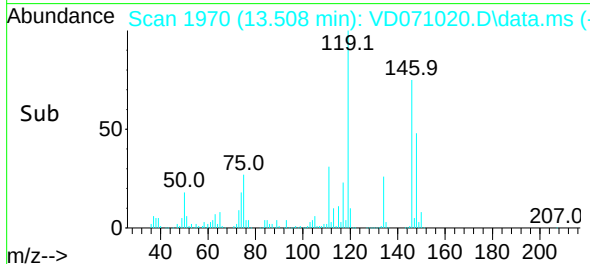
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



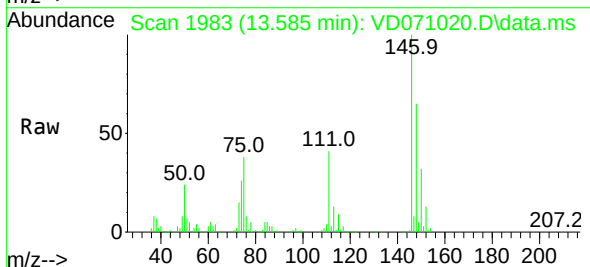
Tgt Ion:146 Resp: 281224
Ion Ratio Lower Upper
146 100
111 42.0 19.8 59.4
148 63.6 32.1 96.3

Manual Integrations
APPROVED

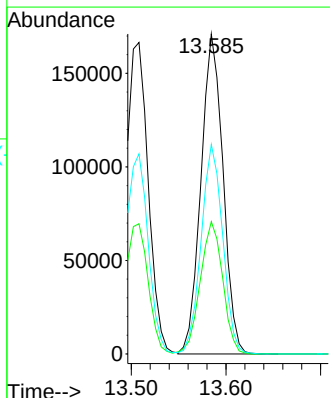
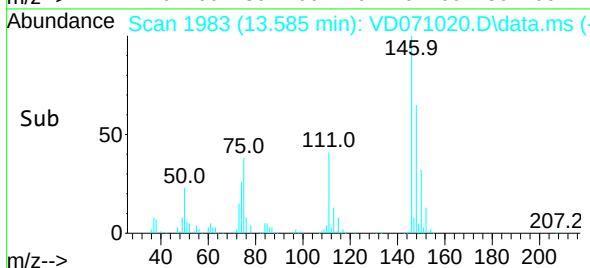
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

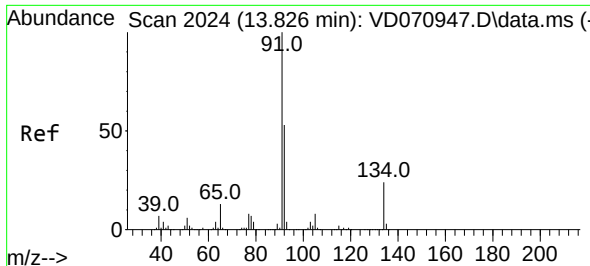


#88
1,4-Dichlorobenzene
Concen: 49.814 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



Tgt Ion:146 Resp: 276712
Ion Ratio Lower Upper
146 100
111 42.1 19.6 58.8
148 64.3 31.5 94.5





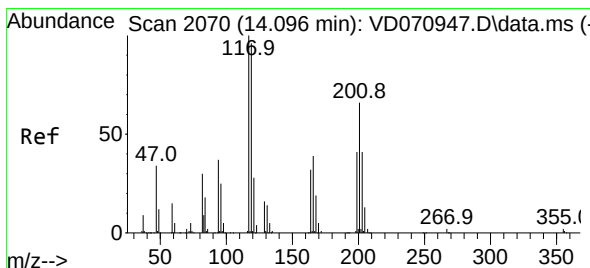
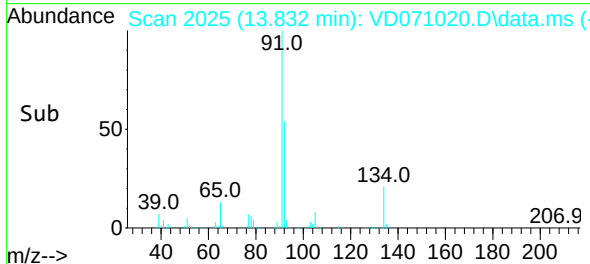
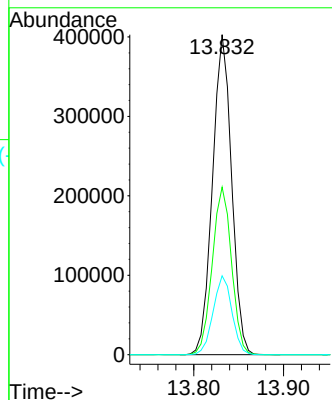
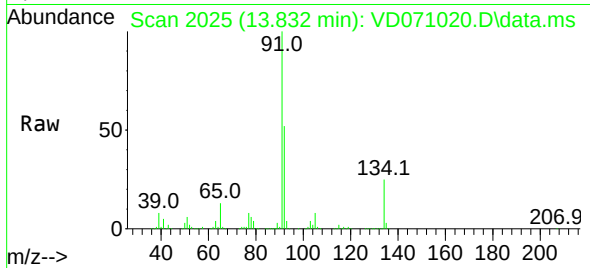
#89
n-Butylbenzene
Concen: 52.110 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 59548
Ion Ratio Lower Upper
91 100
92 52.9 27.3 81.9
134 24.2 12.3 36.9

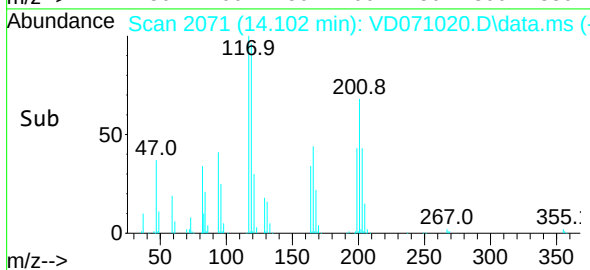
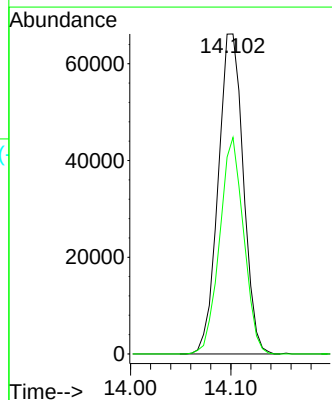
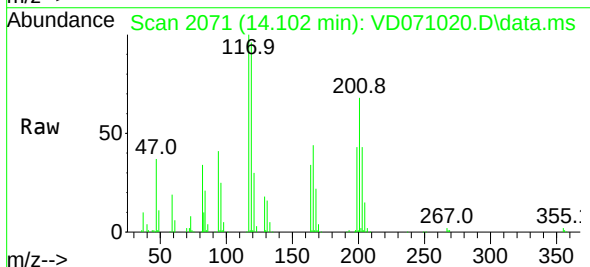
Manual Integrations
APPROVED

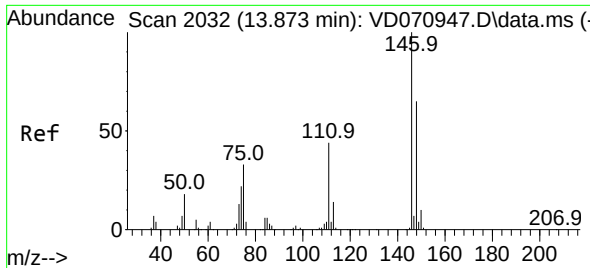
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 51.059 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

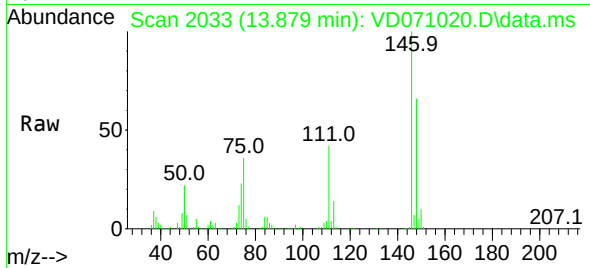
Tgt Ion:117 Resp: 114888
Ion Ratio Lower Upper
117 100
201 64.7 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 49.830 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

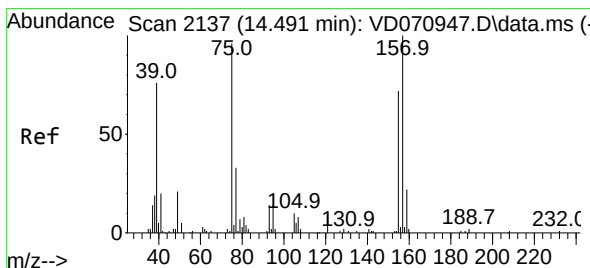
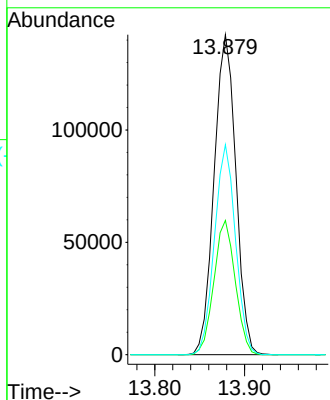
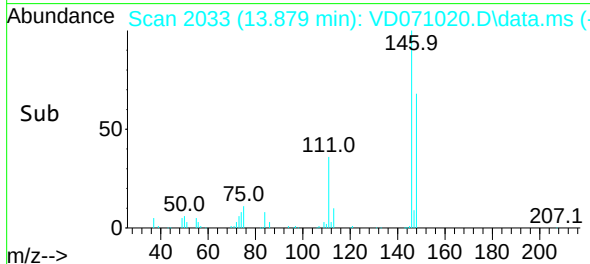
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 23954
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.2
148 63.6 31.7 95.1

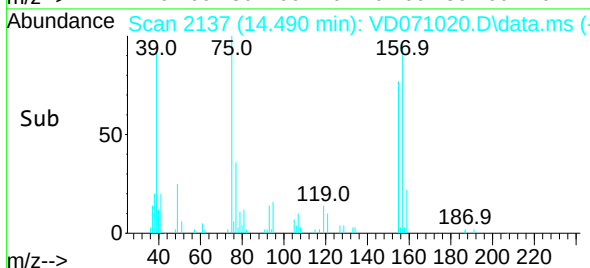
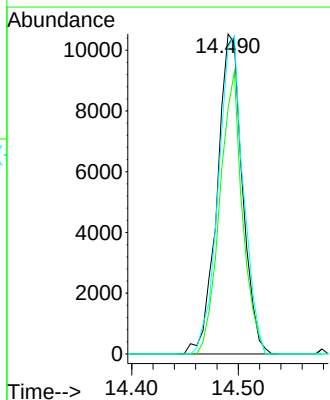
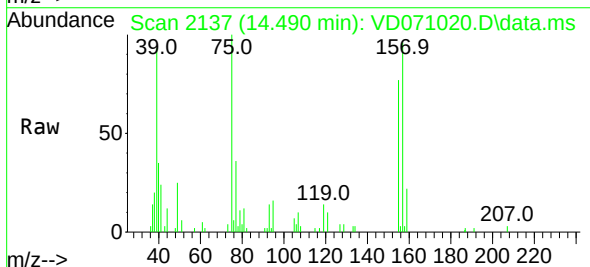
Manual Integrations
APPROVED

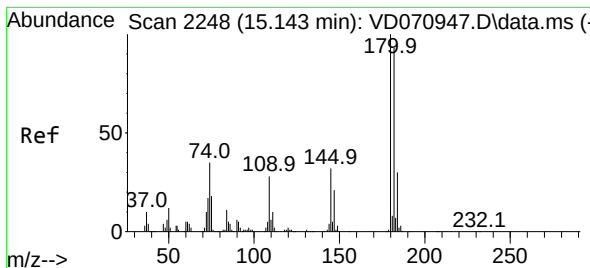
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.095 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

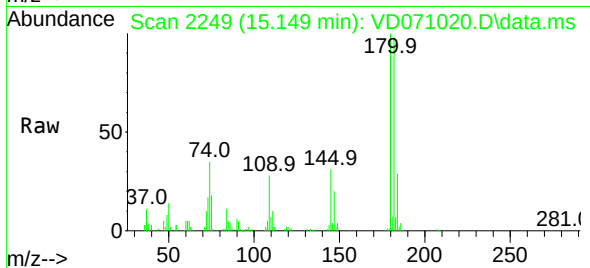
Tgt Ion: 75 Resp: 17281
Ion Ratio Lower Upper
75 100
155 78.9 40.0 120.0
157 98.5 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 49.142 ug/l
RT: 15.149 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

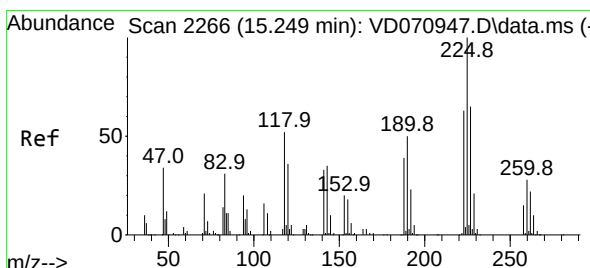
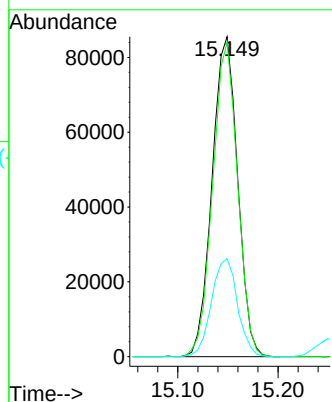
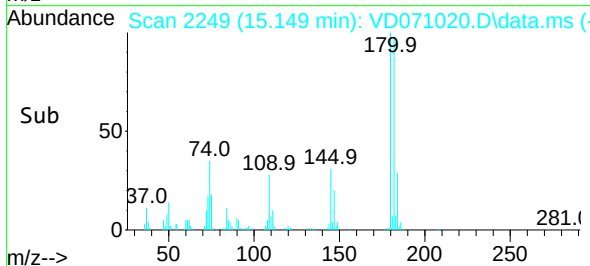
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



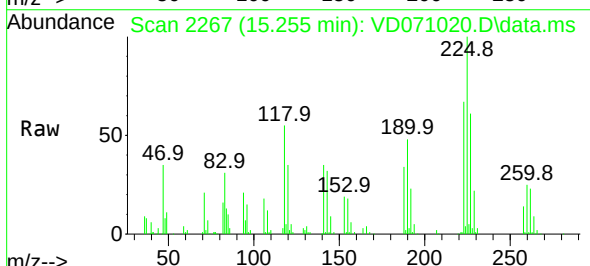
Tgt Ion:180 Resp: 151140
Ion Ratio Lower Upper
180 100
182 95.5 48.2 144.6
145 31.2 15.4 46.2

Manual Integrations
APPROVED

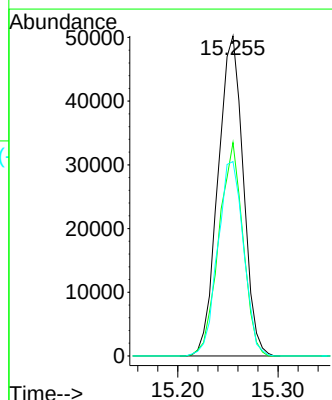
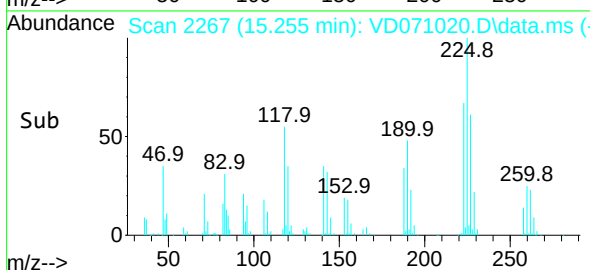
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

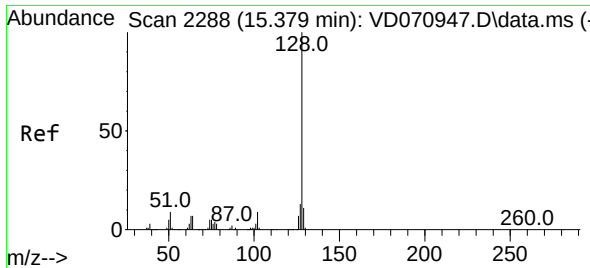


#94
Hexachlorobutadiene
Concen: 56.493 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01



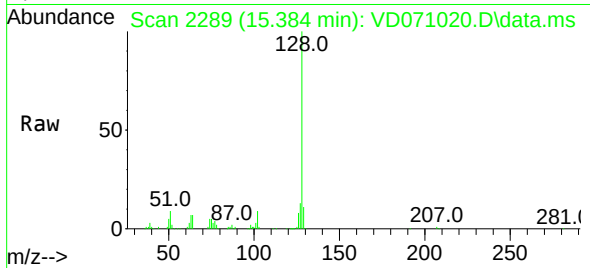
Tgt Ion:225 Resp: 87631
Ion Ratio Lower Upper
225 100
223 63.7 31.8 95.3
227 62.3 31.6 94.8





#95
Naphthalene
Concen: 46.814 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

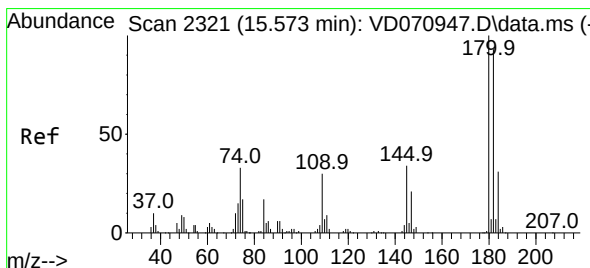
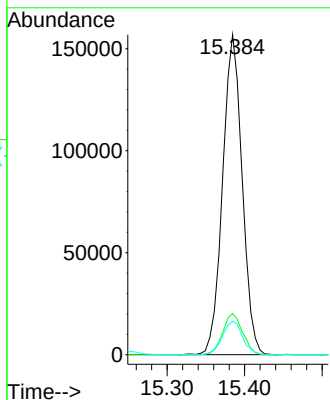
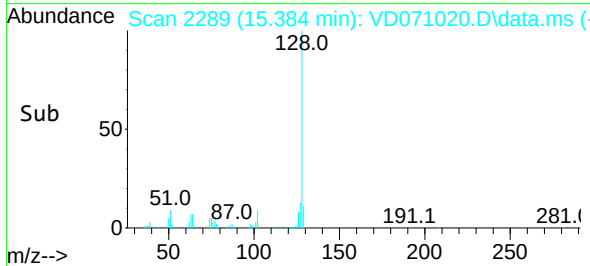
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 27493
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.719 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD071020.D
Acq: 15 Nov 2021 11:01

Tgt Ion:180 Resp: 131165
Ion Ratio Lower Upper
180 100
182 91.5 46.7 140.1
145 33.6 15.9 47.6

