

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069675.D
 Acq On : 13 Jul 2021 17:33
 Operator : VA/SY
 Sample : M3006-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-070921

Quant Time: Jul 14 06:07:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	17522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	32723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	13661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14912	68.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.320%	
35) Dibromofluoromethane	7.914	113	10215	46.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.060%	
50) Toluene-d8	10.338	98	37200	43.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.240%	
62) 4-Bromofluorobenzene	12.626	95	13624	47.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.800%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.985	85	427	2.949	ug/l #	41
3) Chloromethane	2.209	50	1608	6.247	ug/l #	59
4) Vinyl Chloride	2.344	62	990	3.714	ug/l #	1
5) Bromomethane	2.797	94	1793	9.495	ug/l #	76
7) Trichlorofluoromethane	3.291	101	974	2.898	ug/l #	18
9) 1,1,2-Trichlorotrifluoro...	4.091	101	550	2.639	ug/l #	55
10) Methyl Iodide	4.332	142	1265	7.985	ug/l #	45
11) Tert butyl alcohol	5.191	59	81	2.771	ug/l #	79
12) 1,1-Dichloroethene	4.068	96	641	3.354	ug/l #	20
13) Acrolein	3.938	56	127	8.420	ug/l #	75
15) Acrylonitrile	5.409	53	57	1.282	ug/l #	1
16) Acetone	4.150	43	1429	41.408	ug/l	96
17) Carbon Disulfide	4.421	76	1307	2.357	ug/l #	74
18) Methyl Acetate	4.709	43	54	Below Cal	#	49
20) Methylene Chloride	4.950	84	2687	4.215	ug/l #	78
23) Vinyl Acetate	6.338	43	130	15.779	ug/l #	72
25) 2-Butanone	7.197	43	269	5.202	ug/l #	47
26) 2,2-Dichloropropane	7.209	77	350	1.027	ug/l #	53
29) Tetrahydrofuran	7.556	42	84	2.622	ug/l #	32
31) Cyclohexane	7.991	56	1172	3.528	ug/l #	88
32) 1,1,1-Trichloroethane	7.903	97	449	1.247	ug/l #	76
36) 1,1-Dichloropropene	8.114	75	949	2.811	ug/l #	67
38) Carbon Tetrachloride	7.973	117	2218	7.175	ug/l #	13
39) Methylcyclohexane	9.361	83	702	3.631	ug/l #	74
40) Benzene	8.356	78	1836	1.886	ug/l #	83
44) Trichloroethene	9.103	130	609	2.579	ug/l	68
48) Methyl methacrylate	9.414	41	55	1.546	ug/l #	13
51) 4-Methyl-2-Pentanone	10.208	43	265	2.188	ug/l	90
52) Toluene	10.391	92	1031	1.760	ug/l	94
59) 2-Hexanone	10.991	43	213	2.639	ug/l	64
64) Tetrachloroethene	10.873	164	550	2.709	ug/l #	57
65) Chlorobenzene	11.661	112	1220	1.837	ug/l #	80
67) Ethyl Benzene	11.732	91	1585	1.348	ug/l	94
68) m/p-Xylenes	11.844	106	1152	2.590	ug/l #	68
70) Styrene	12.179	104	816	1.155	ug/l #	55
73) Isopropylbenzene	12.461	105	1196	1.230	ug/l	91

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

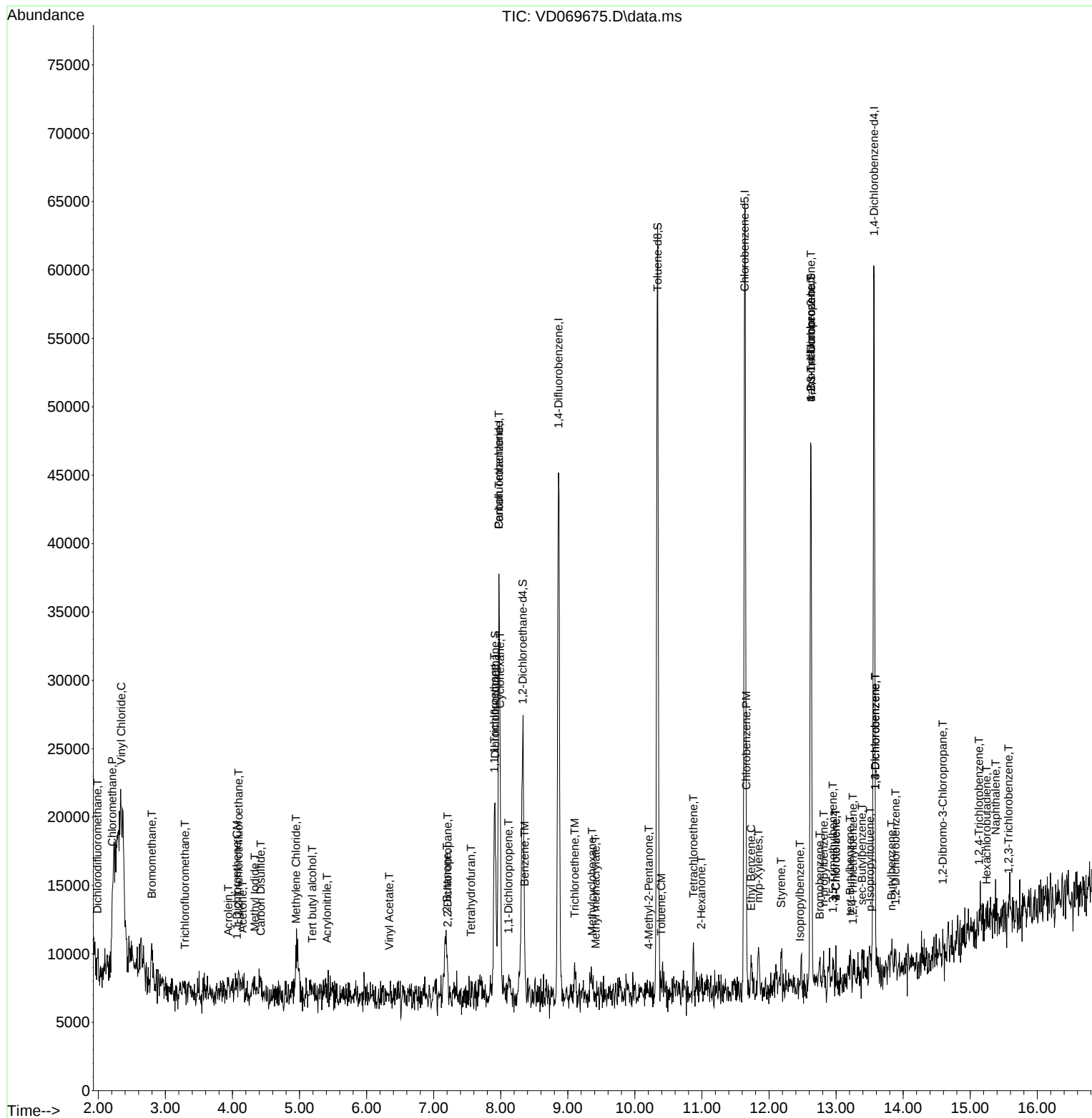
76) 1,2,3-Trichloropropane	12.626	75	7440	56.061	ug/l #	100
77) Bromobenzene	12.755	156	223	1.033	ug/l #	58
78) n-propylbenzene	12.814	91	1627	1.319	ug/l	94
79) 2-Chlorotoluene	12.997	91	1148	1.583	ug/l	74
80) 1,3,5-Trimethylbenzene	12.950	105	926	1.122	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.626	75	7440	150.661	ug/l #	14
82) 4-Chlorotoluene	12.997	91	1148	1.509	ug/l	74
83) tert-Butylbenzene	13.208	119	857	1.274	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	976	1.192	ug/l	82
85) sec-Butylbenzene	13.385	105	1245	1.178	ug/l	82
86) p-Isopropyltoluene	13.508	119	1183	1.374	ug/l	89
87) 1,3-Dichlorobenzene	13.585	146	731	1.631	ug/l	73
88) 1,4-Dichlorobenzene	13.585	146	731	1.633	ug/l	74
89) n-Butylbenzene	13.826	91	943	1.106	ug/l	87
91) 1,2-Dichlorobenzene	13.885	146	673	1.741	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	14.591	75	89	3.084	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.132	180	316	1.471	ug/l #	1
94) Hexachlorobutadiene	15.243	225	172	1.328	ug/l #	1
95) Naphthalene	15.379	128	1826	6.244	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.573	180	613	3.322	ug/l #	72

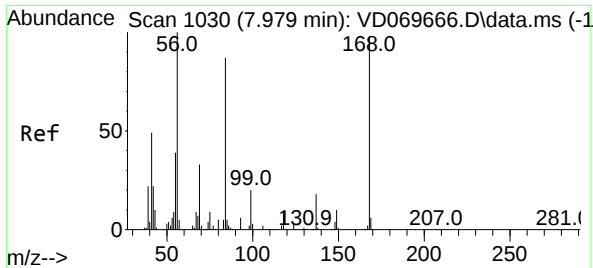
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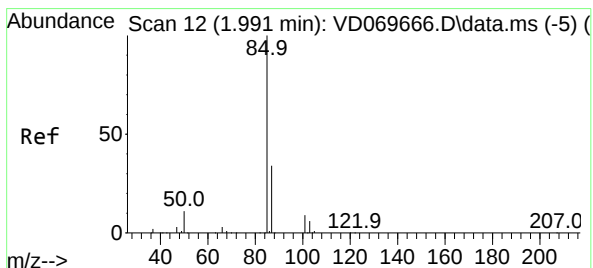
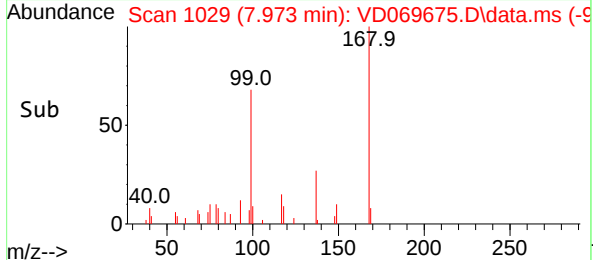
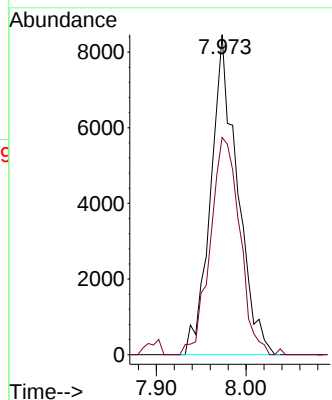
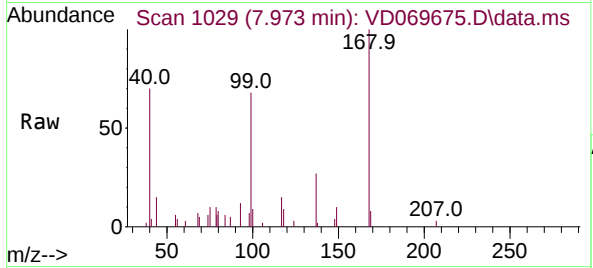




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

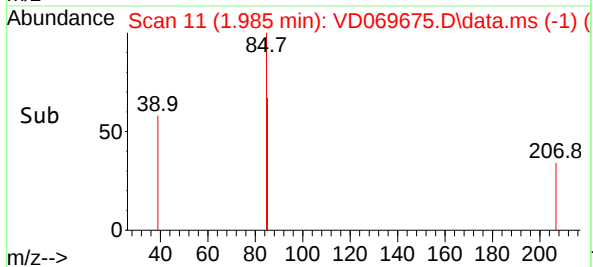
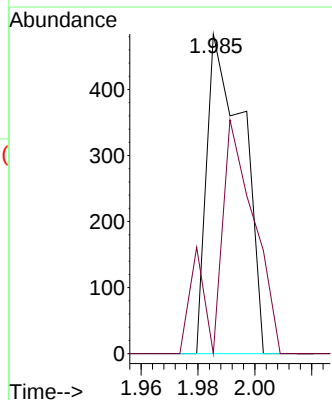
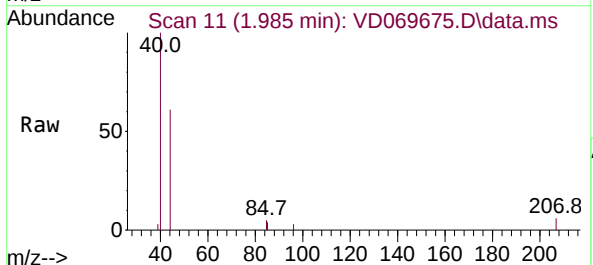
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MSVOA_D
ClientSampleId :
CL-02-070921

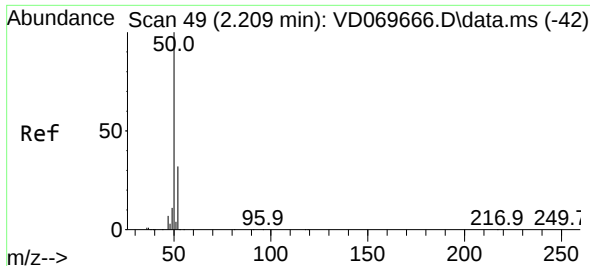
Tgt Ion:168 Resp: 17522
Ion Ratio Lower Upper
168 100
99 67.9 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 2.949 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 85 Resp: 427
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

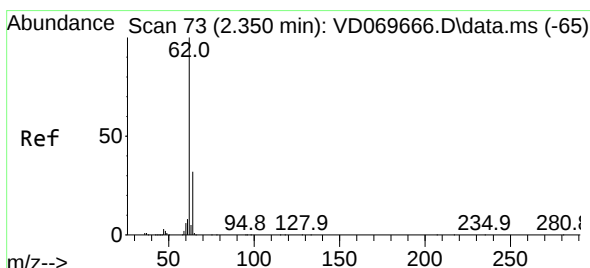
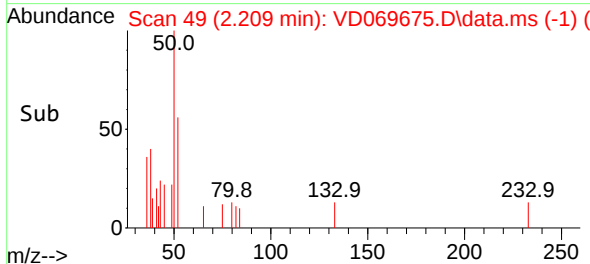
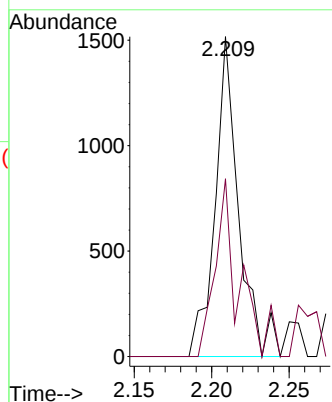
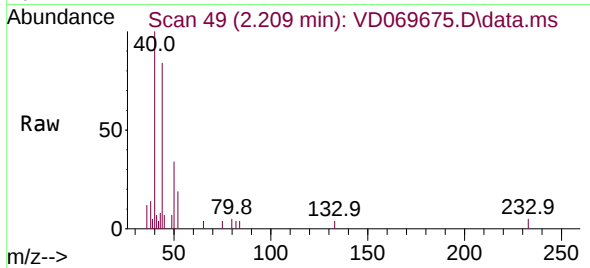




#3
Chloromethane
Concen: 6.247 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

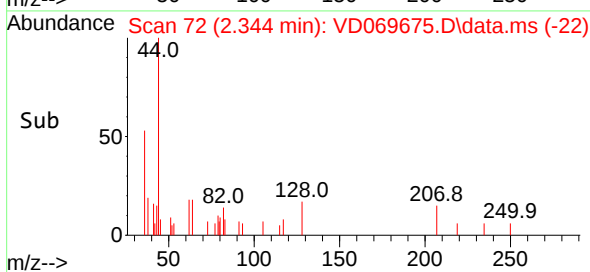
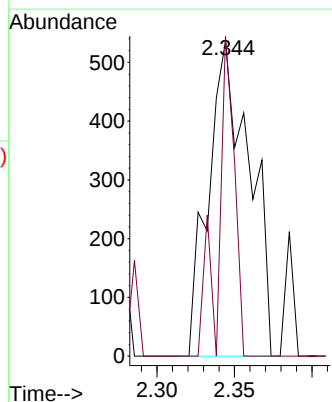
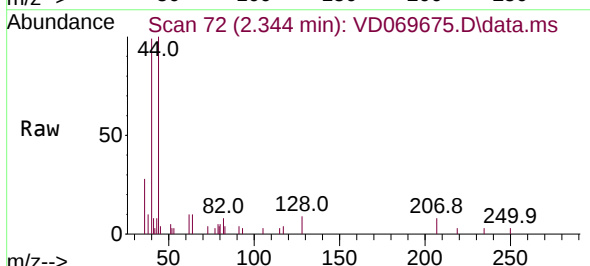
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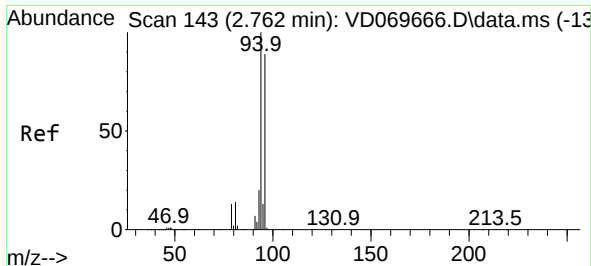
Tgt Ion: 50 Resp: 1608
Ion Ratio Lower Upper
50 100
52 55.6 25.9 38.9#



#4
Vinyl Chloride
Concen: 3.714 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 62 Resp: 990
Ion Ratio Lower Upper
62 100
64 101.7 25.6 38.4#

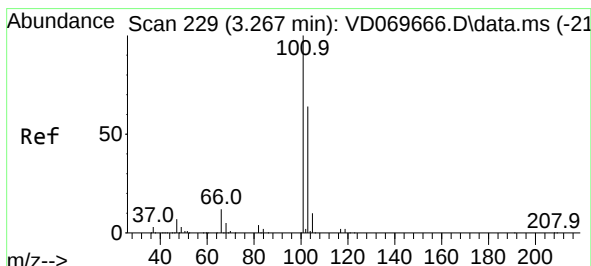
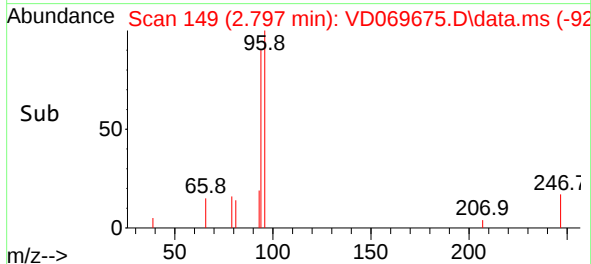
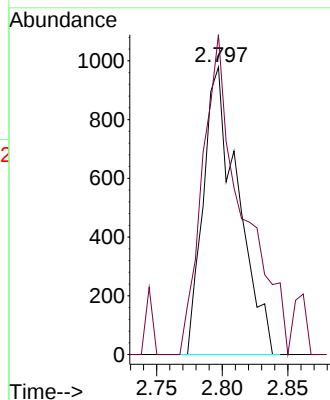
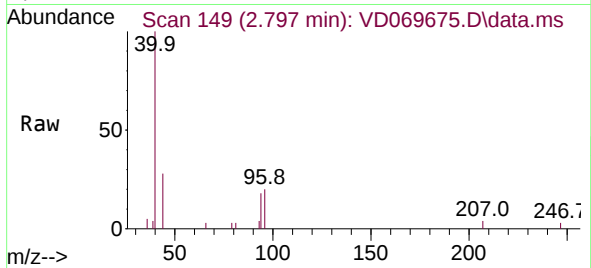




#5
Bromomethane
Concen: 9.495 ug/l
RT: 2.797 min Scan# 149
Delta R.T. 0.035 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

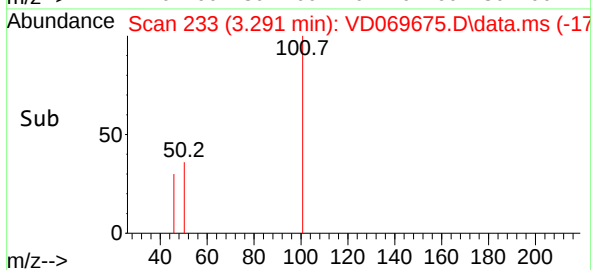
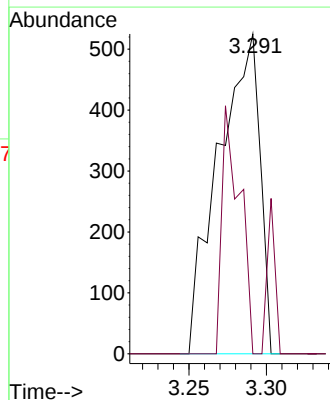
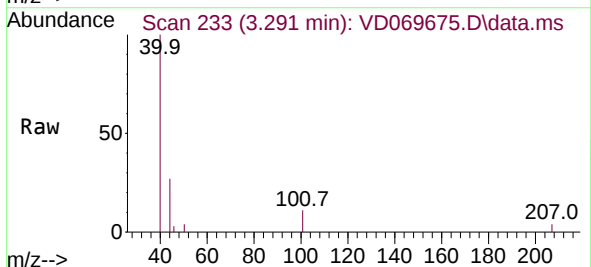
Instrument :
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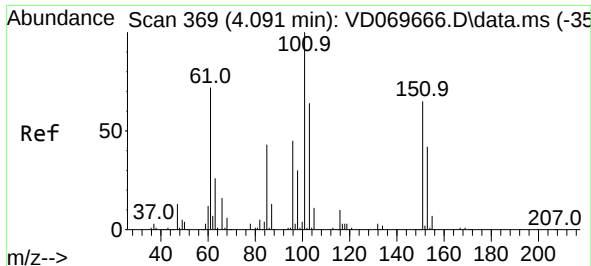
Tgt Ion: 94 Resp: 1793
Ion Ratio Lower Upper
94 100
96 111.2 71.2 106.8#



#7
Trichlorofluoromethane
Concen: 2.898 ug/l
RT: 3.291 min Scan# 233
Delta R.T. 0.024 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 101 Resp: 974
Ion Ratio Lower Upper
101 100
103 0.0 51.4 77.0#

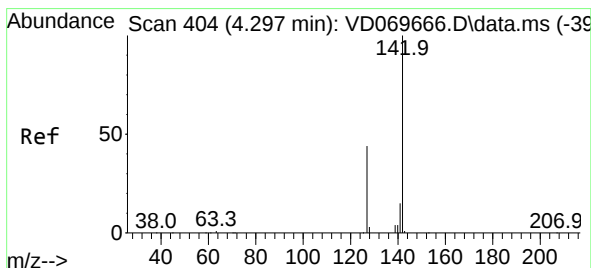
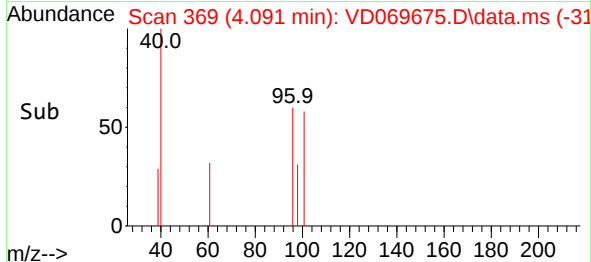
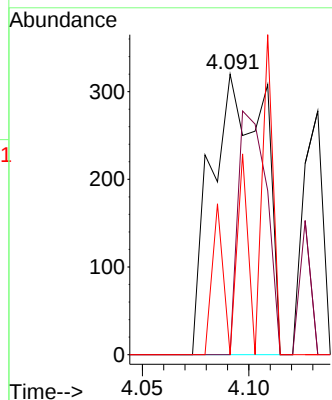
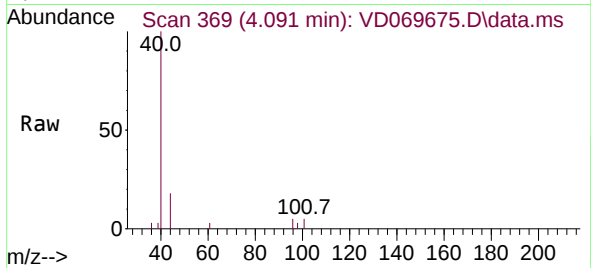




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.639 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

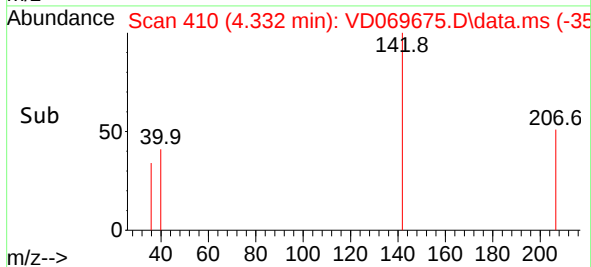
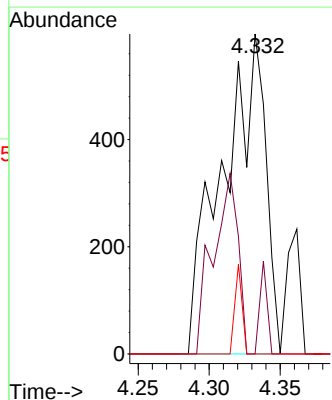
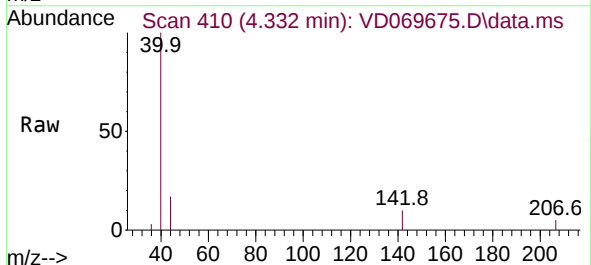
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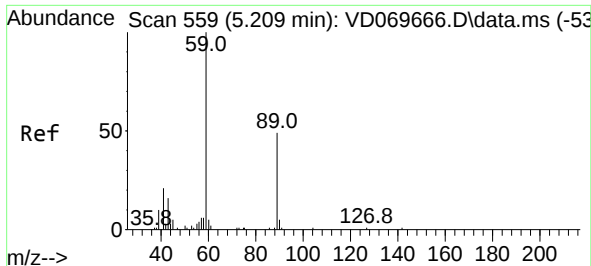
Tgt Ion:101 Resp: 550
Ion Ratio Lower Upper
101 100
85 46.7 34.6 52.0
151 11.1 54.4 81.6#



#10
Methyl Iodide
Concen: 7.985 ug/l
RT: 4.332 min Scan# 410
Delta R.T. 0.035 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:142 Resp: 1265
Ion Ratio Lower Upper
142 100
127 4.8 36.1 54.1#
141 0.0 11.6 17.4#

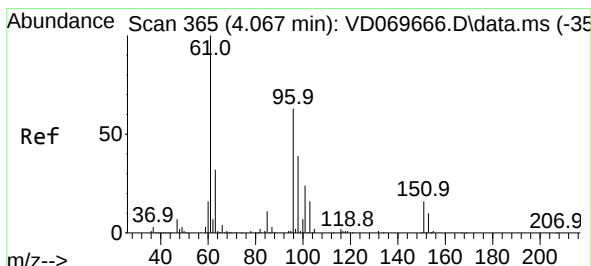
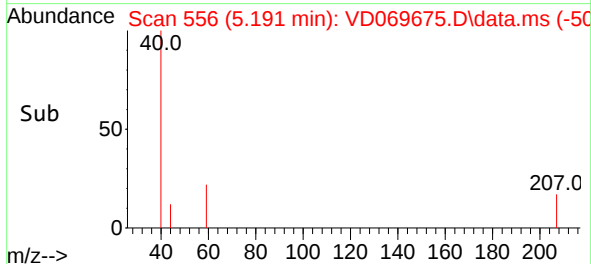
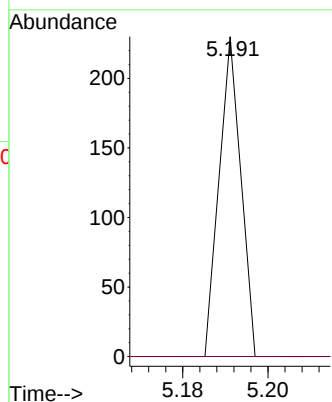
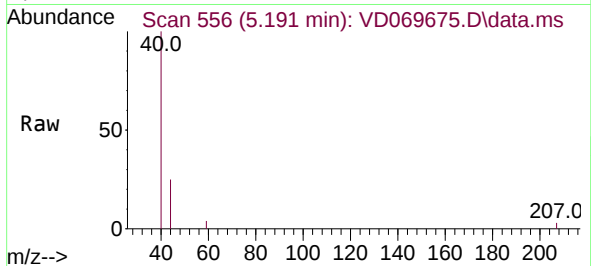




#11
Tert butyl alcohol
Concen: 2.771 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

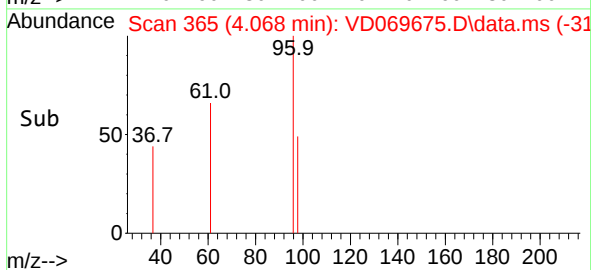
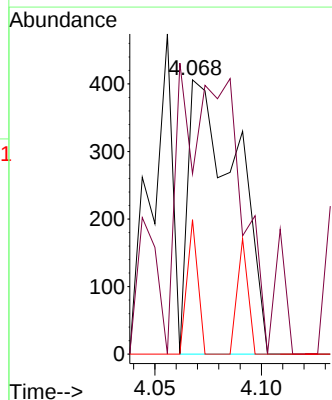
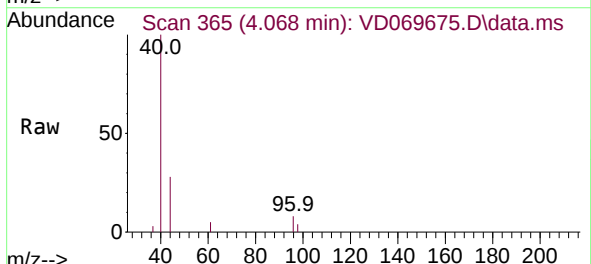
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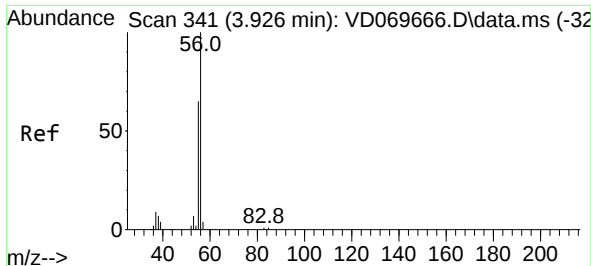
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Ion Ratio Lower Upper
59 100
57 0.0 5.7 8.5#



#12
1,1-Dichloroethene
Concen: 3.354 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.001 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 96 Resp: 641
Ion Ratio Lower Upper
96 100
61 20.2 126.4 189.6#
98 49.0 48.9 73.3

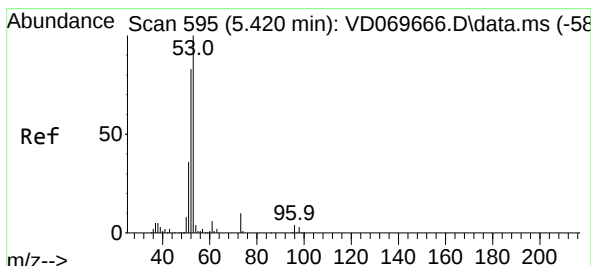
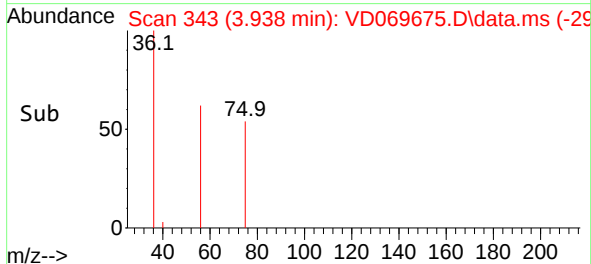
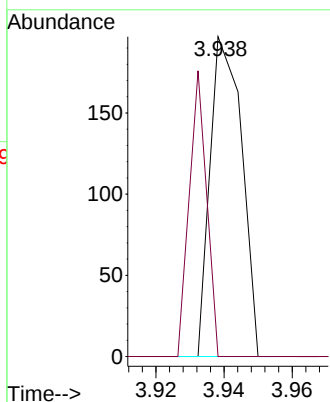
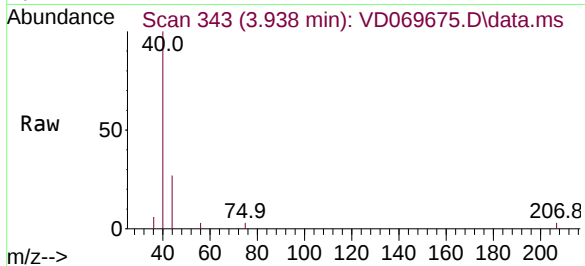




#13
Acrolein
Concen: 8.420 ug/l
RT: 3.938 min Scan# 343
Delta R.T. 0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

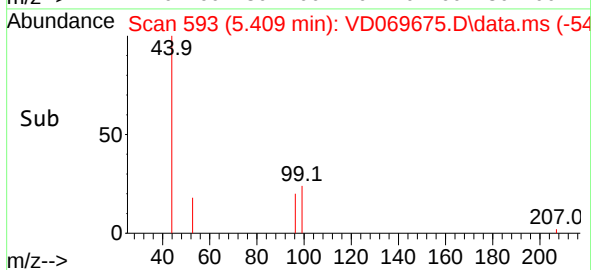
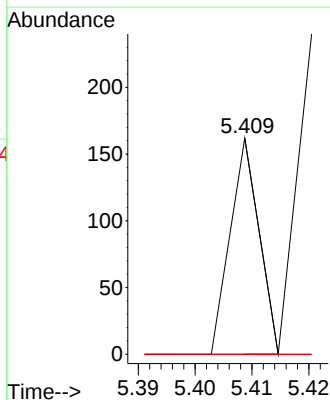
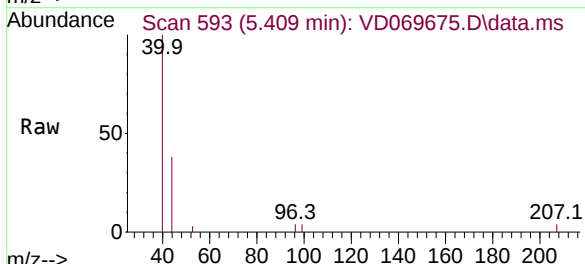
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

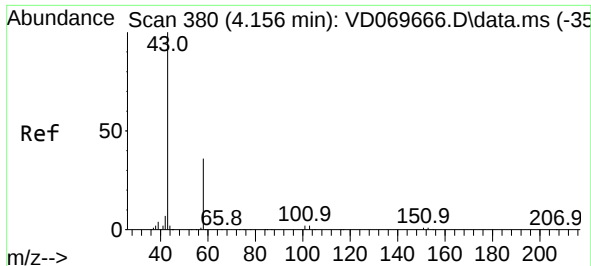
Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 48.8 55.3 82.9#



#15
Acrylonitrile
Concen: 1.282 ug/l
RT: 5.409 min Scan# 593
Delta R.T. -0.011 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 53 Resp: 57
Ion Ratio Lower Upper
53 100
52 249.1 64.8 97.2#
51 119.3 28.2 42.2#

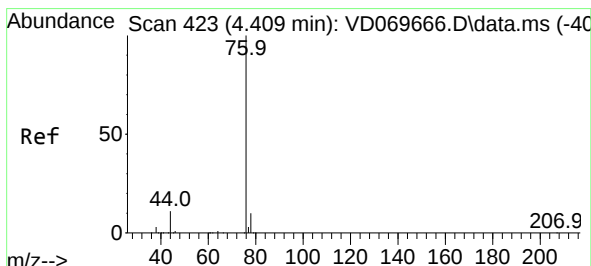
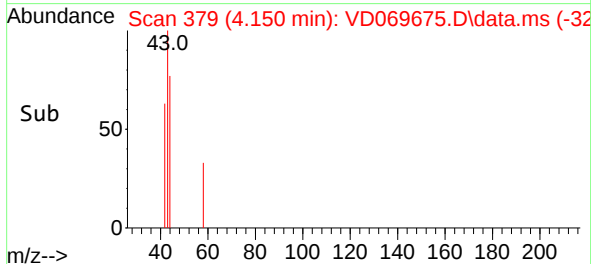
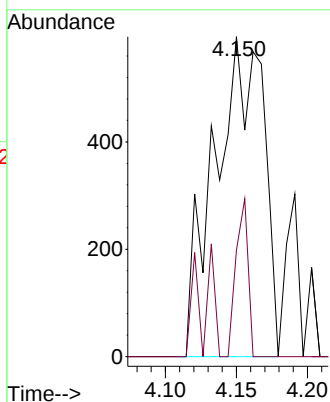
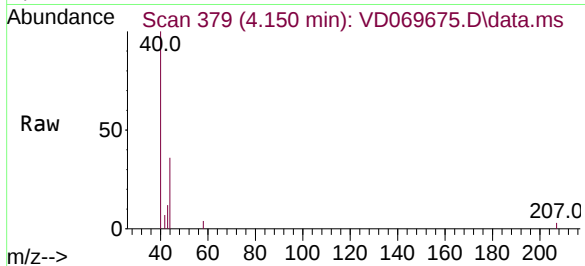




#16
Acetone
Concen: 41.408 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

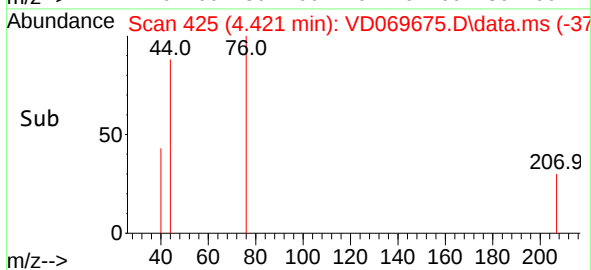
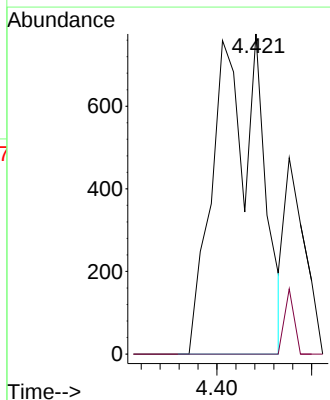
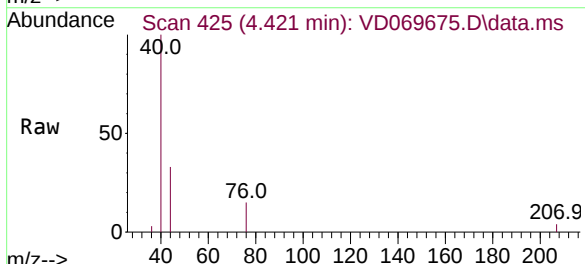
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

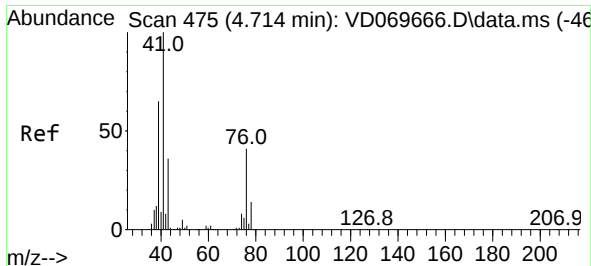
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 33.2 28.6 42.8



#17
Carbon Disulfide
Concen: 2.357 ug/l
RT: 4.421 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 76 Resp: 1307
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

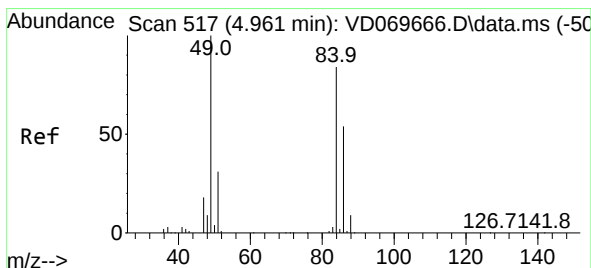
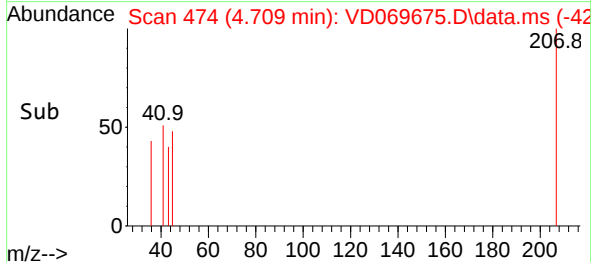
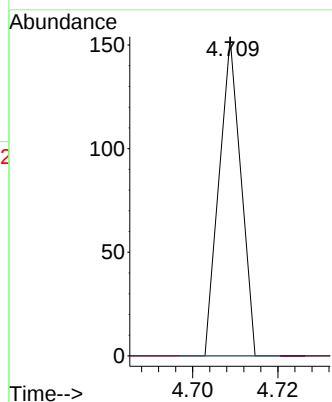
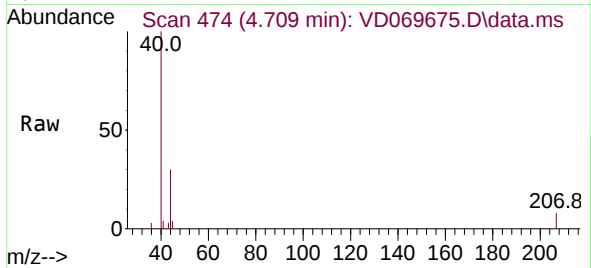




#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

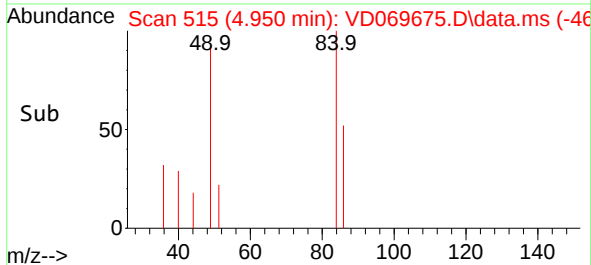
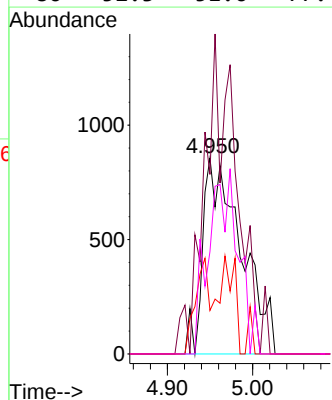
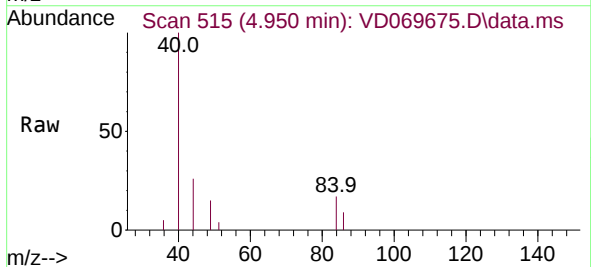
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

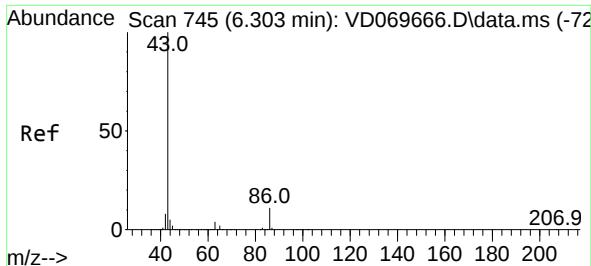
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#20
Methylene Chloride
Concen: 4.215 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 84 Resp: 2687
Ion Ratio Lower Upper
84 100
49 91.6 95.5 143.3#
51 22.2 29.7 44.5#
86 52.3 51.6 77.4

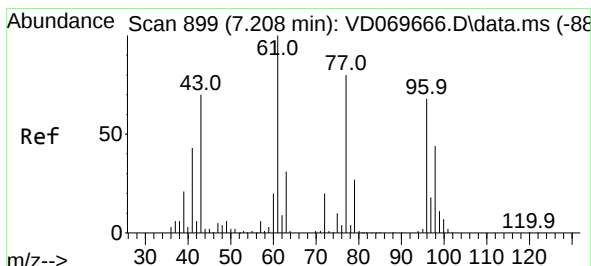
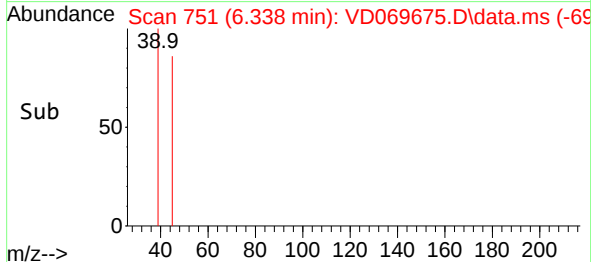
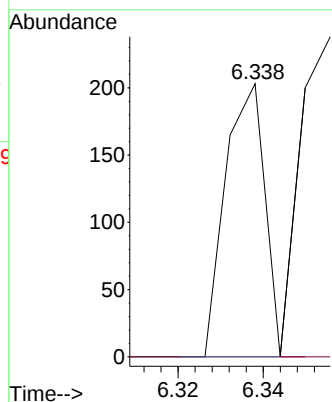
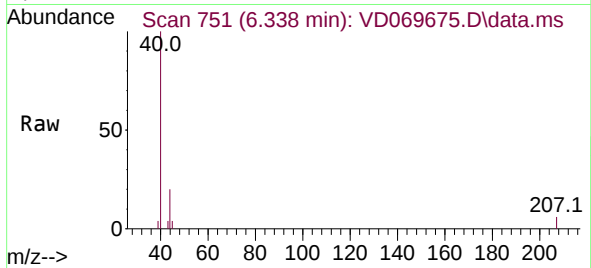




#23
 Vinyl Acetate
 Concen: 15.779 ug/l
 RT: 6.338 min Scan# 751
 Delta R.T. 0.035 min
 Lab File: VD069675.D
 Acq: 13 Jul 2021 17:33

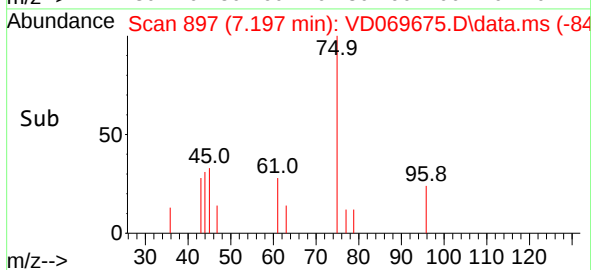
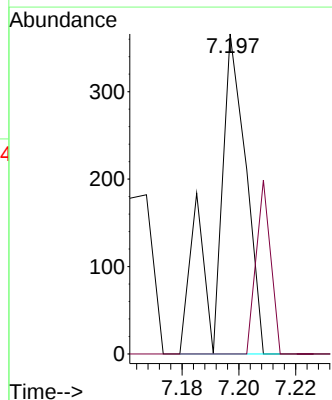
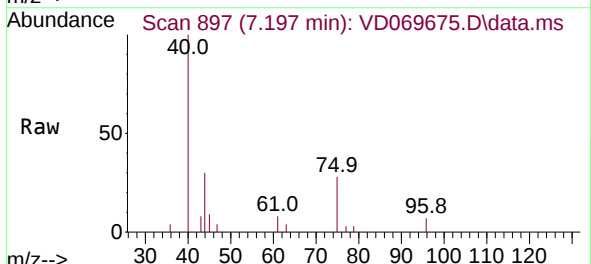
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-070921

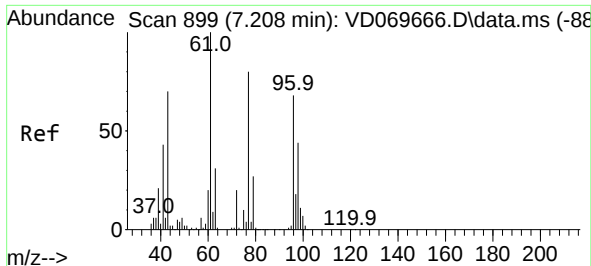
Tgt Ion: 43 Resp: 130
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 5.202 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.011 min
 Lab File: VD069675.D
 Acq: 13 Jul 2021 17:33

Tgt Ion: 43 Resp: 269
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.6 33.8#

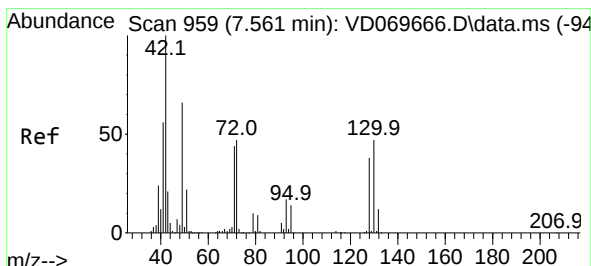
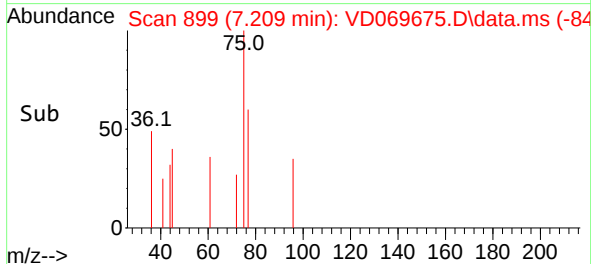
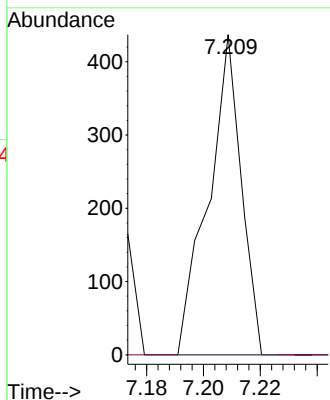
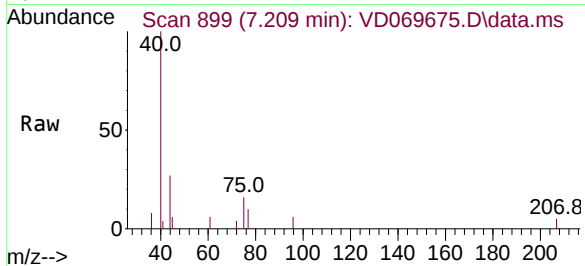




#26
2,2-Dichloropropane
Concen: 1.027 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

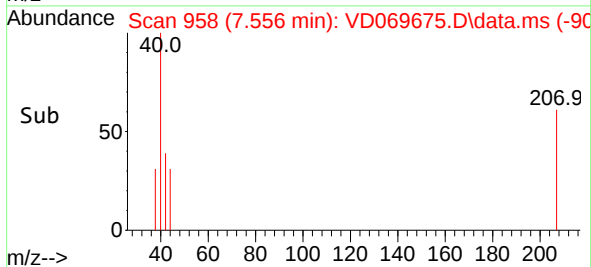
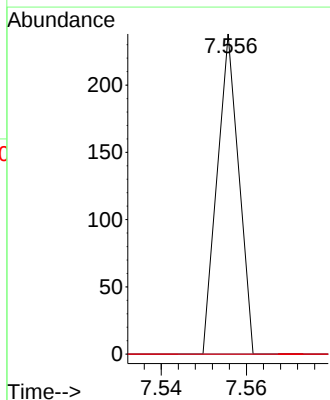
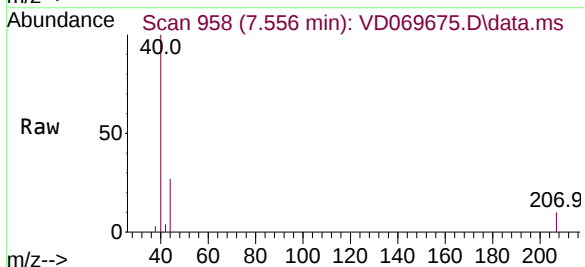
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

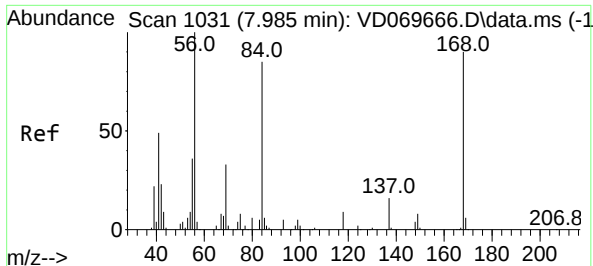
Tgt Ion: 77 Resp: 350
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#29
Tetrahydrofuran
Concen: 2.622 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.005 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 42 Resp: 84
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 0.0 33.4 50.0#





#31

Cyclohexane

Concen: 3.528 ug/l

RT: 7.991 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VD069675.D

Acq: 13 Jul 2021 17:33

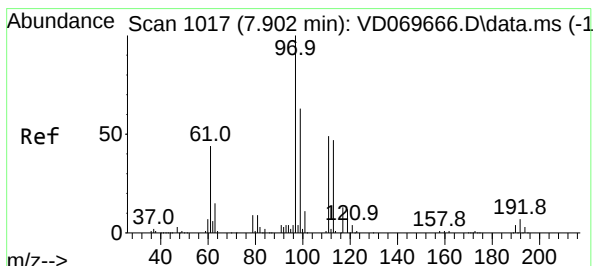
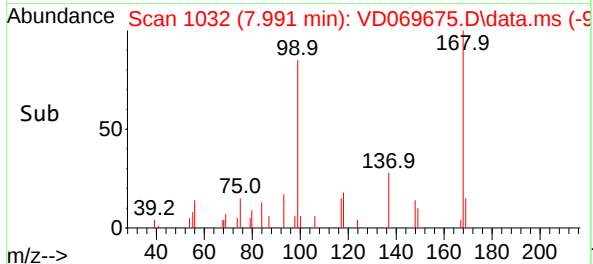
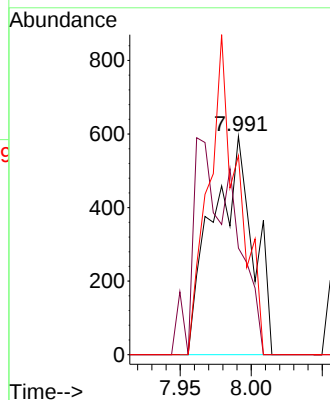
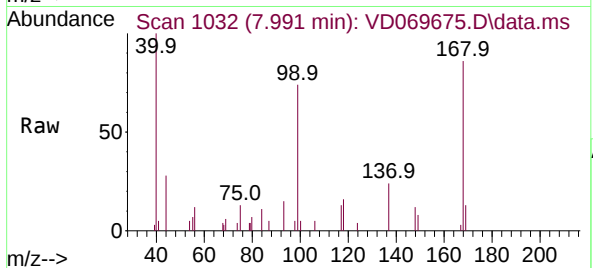
Instrument :

MSVOA_D

ClientSampleId :

CL-02-070921

Tgt Ion: 56	Resp: 1172
Ion Ratio	Lower Upper
56	100
69	48.8 26.6 39.8#
84	91.1 68.2 102.2



#32

1,1,1-Trichloroethane

Concen: 1.247 ug/l

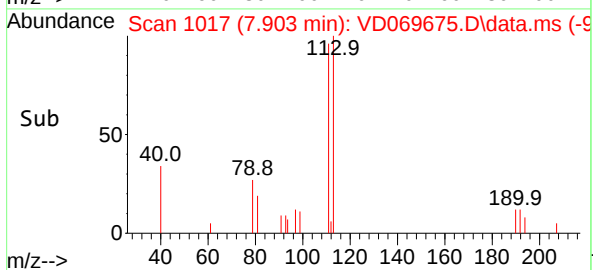
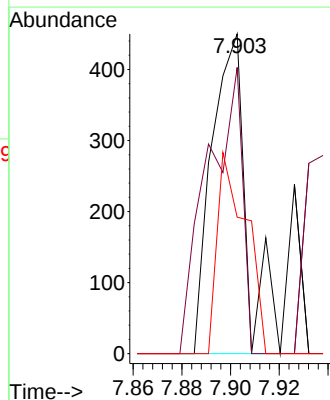
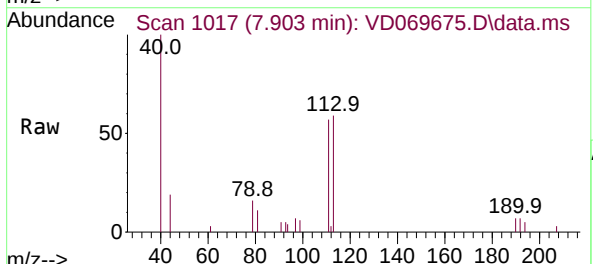
RT: 7.903 min Scan# 1017

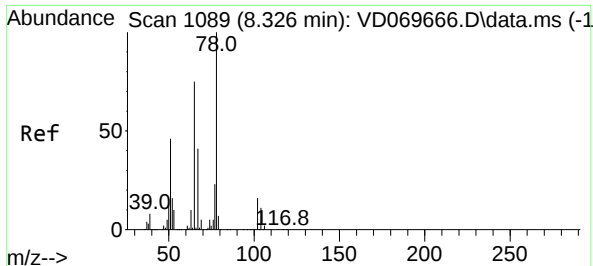
Delta R.T. 0.001 min

Lab File: VD069675.D

Acq: 13 Jul 2021 17:33

Tgt Ion: 97	Resp: 449
Ion Ratio	Lower Upper
97	100
99	89.3 51.4 77.2#
61	52.1 35.6 53.4

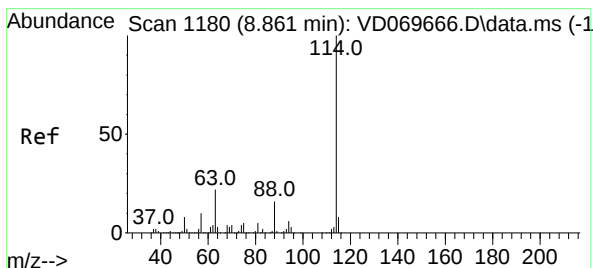
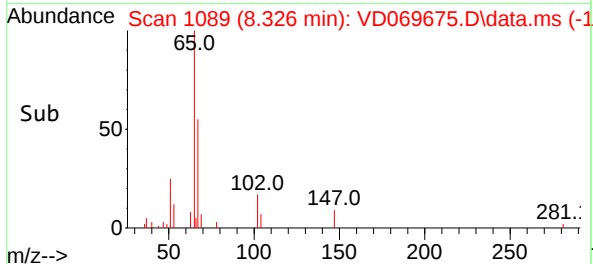
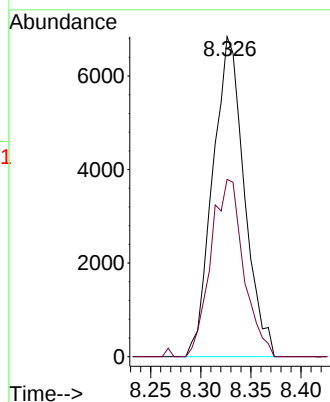
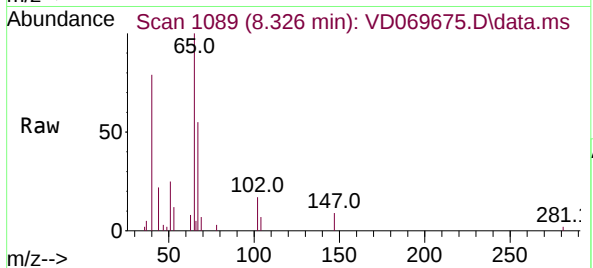




#33
1,2-Dichloroethane-d4
Concen: 68.158 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

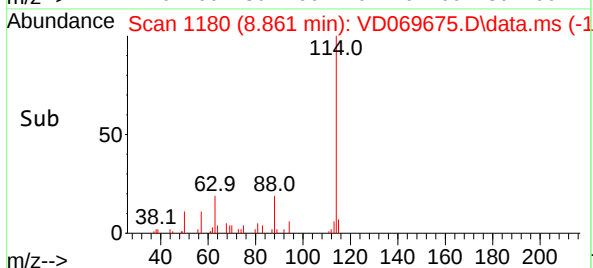
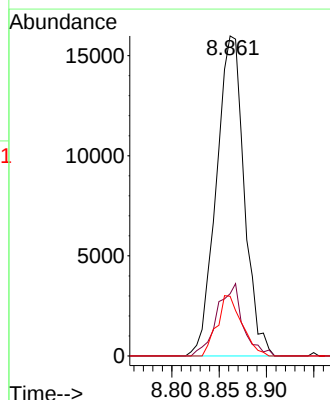
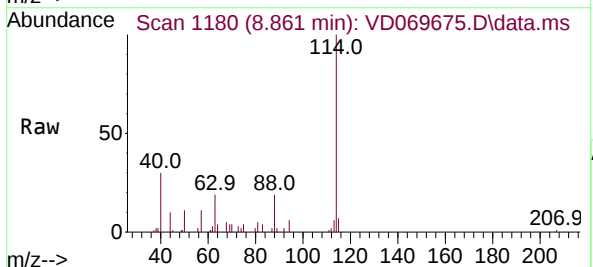
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

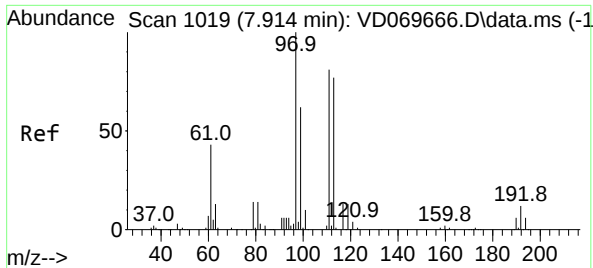
Tgt Ion: 65 Resp: 14912
Ion Ratio Lower Upper
65 100
67 57.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:114 Resp: 32723
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.4
88 18.6 0.0 32.0

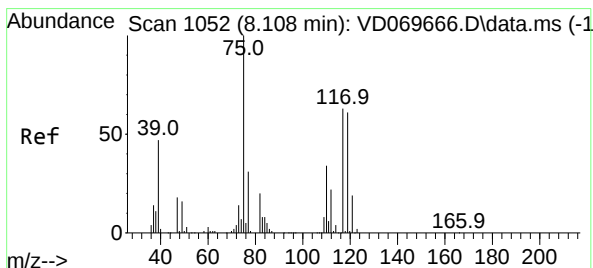
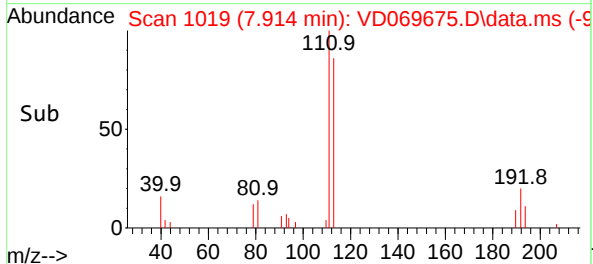
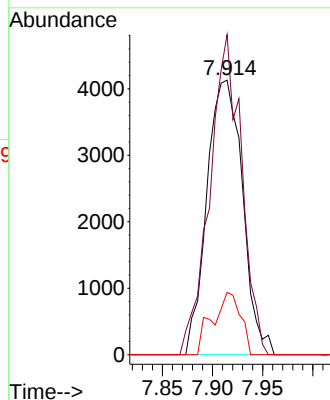
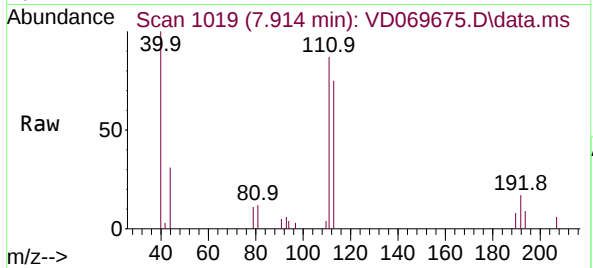




#35
Dibromofluoromethane
Concen: 46.531 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

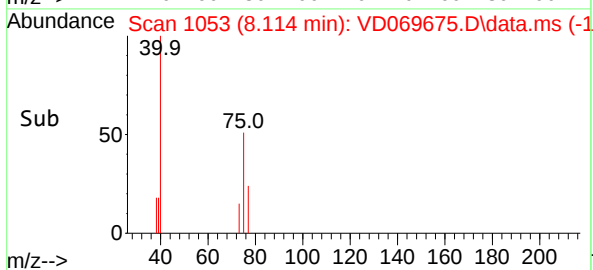
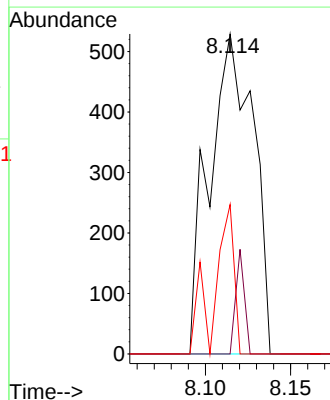
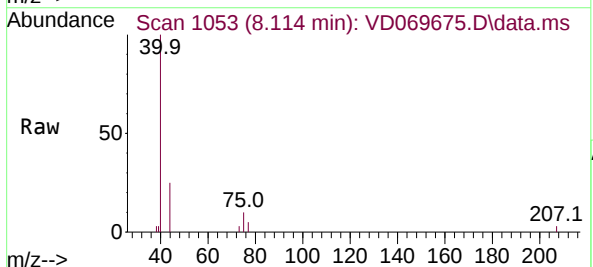
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

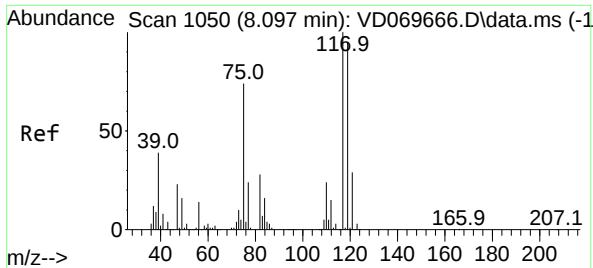
Tgt Ion:	113	Resp:	10215
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	17.9	12.7	19.1



#36
1,1-Dichloropropene
Concen: 2.811 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

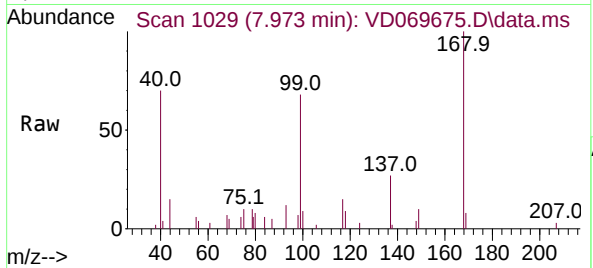
Tgt Ion:	75	Resp:	949
Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.7	50.0#
77	21.3	25.3	37.9#



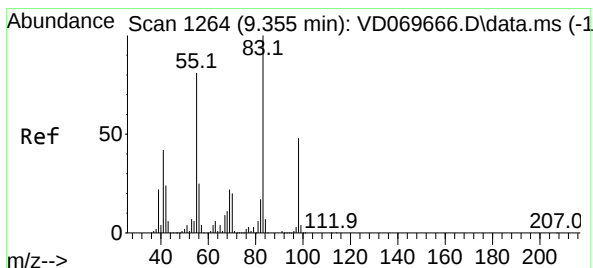
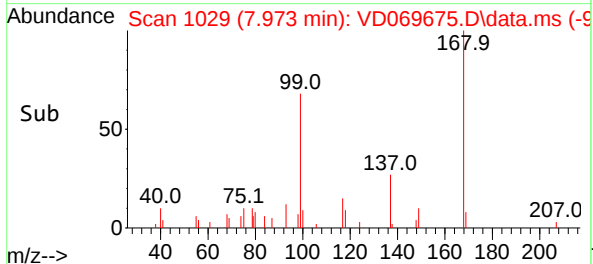
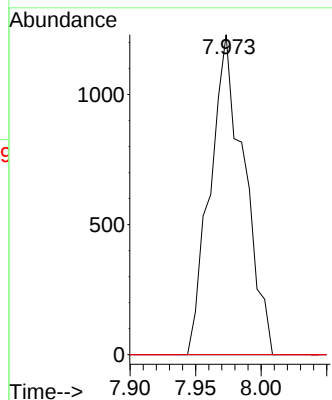


#38
Carbon Tetrachloride
Concen: 7.175 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

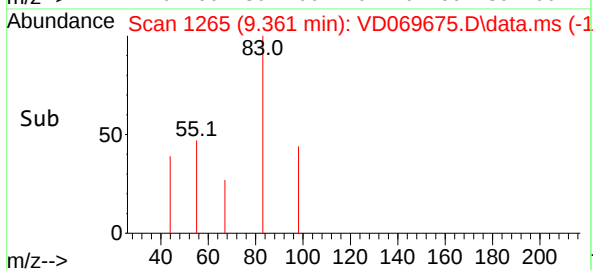
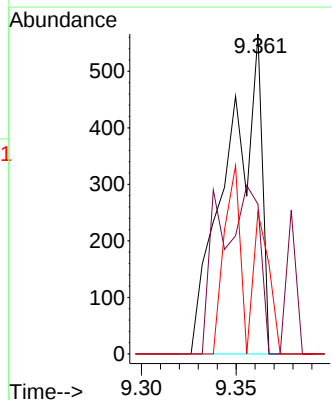
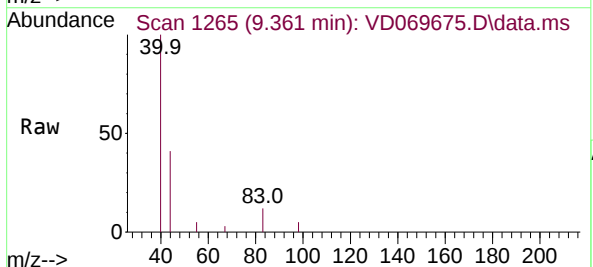


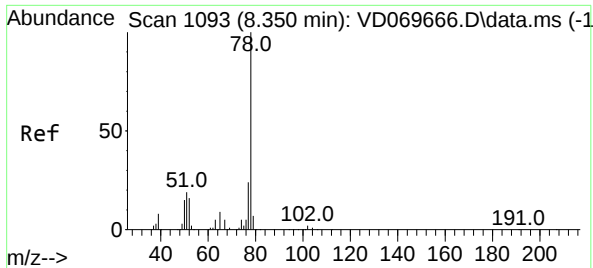
Tgt Ion:117 Resp: 2218
Ion Ratio Lower Upper
117 100
119 0.0 75.7 113.5#
121 0.0 23.0 34.6#



#39
Methylcyclohexane
Concen: 3.631 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 83 Resp: 702
Ion Ratio Lower Upper
83 100
55 46.8 64.6 97.0#
98 44.3 38.4 57.6

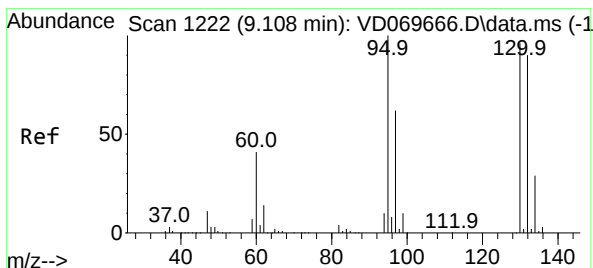
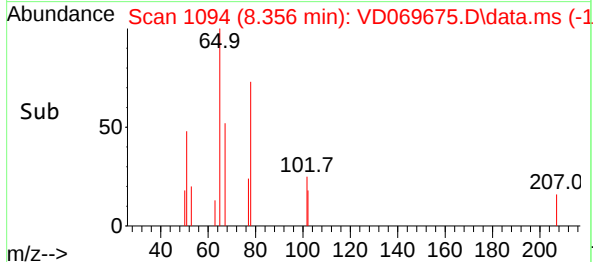
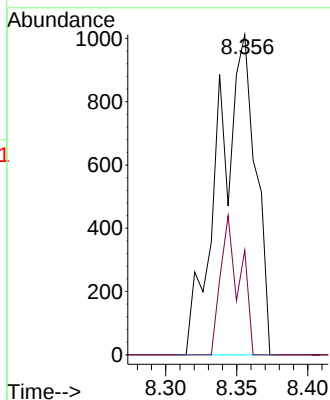
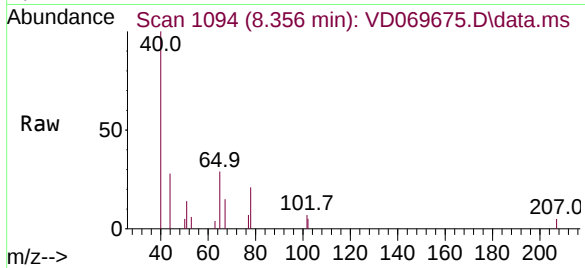




#40
Benzene
Concen: 1.886 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

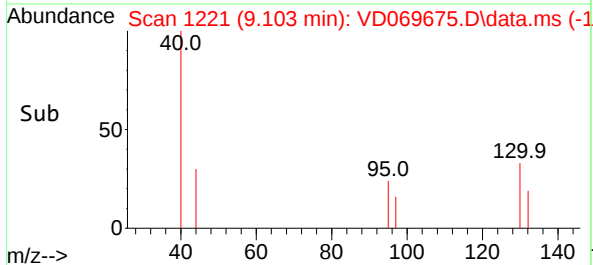
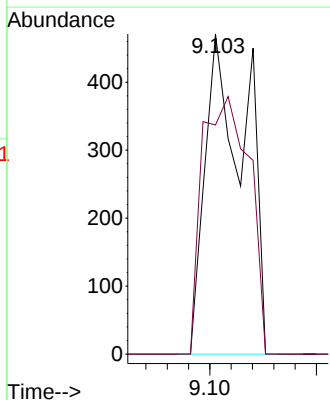
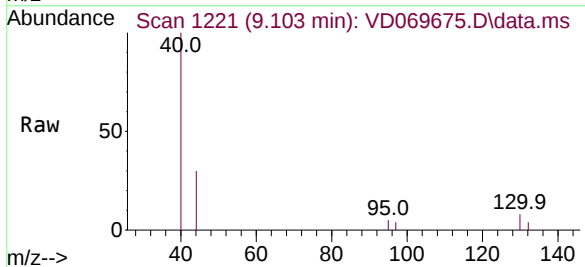
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

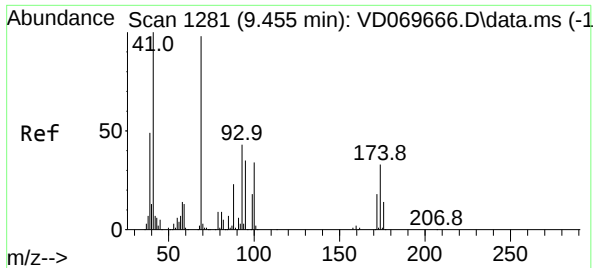
Tgt Ion: 78 Resp: 1836
Ion Ratio Lower Upper
78 100
77 32.7 19.4 29.0#



#44
Trichloroethene
Concen: 2.579 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:130 Resp: 609
Ion Ratio Lower Upper
130 100
95 71.5 0.0 208.2

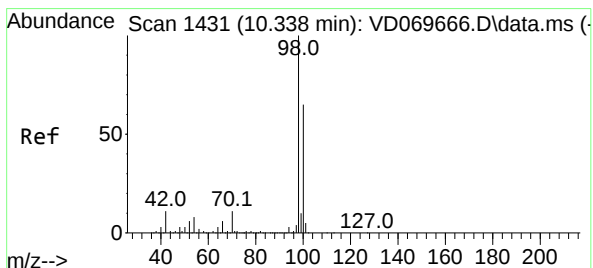
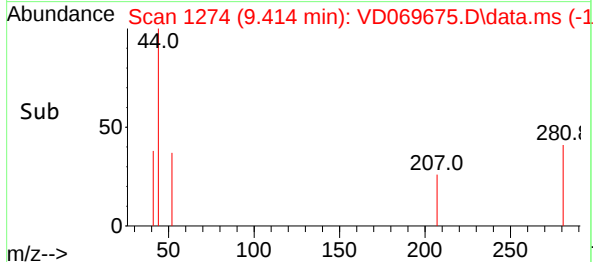
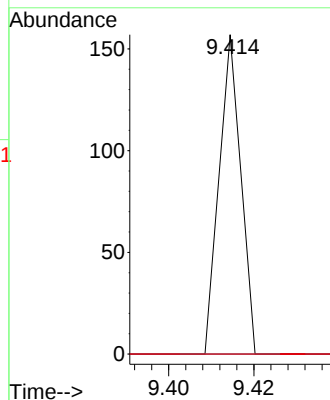
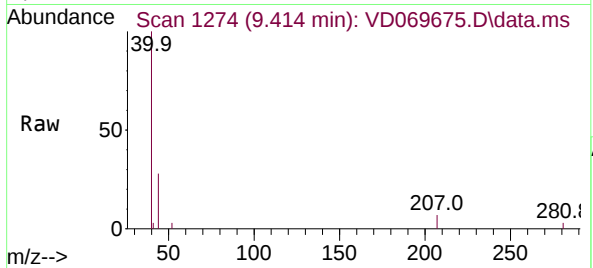




#48
Methyl methacrylate
Concen: 1.546 ug/l
RT: 9.414 min Scan# 1274
Delta R.T. -0.041 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

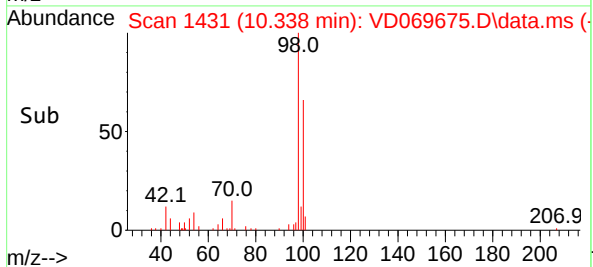
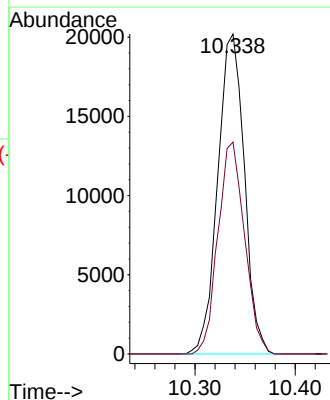
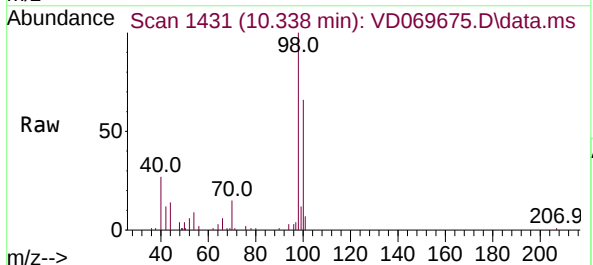
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

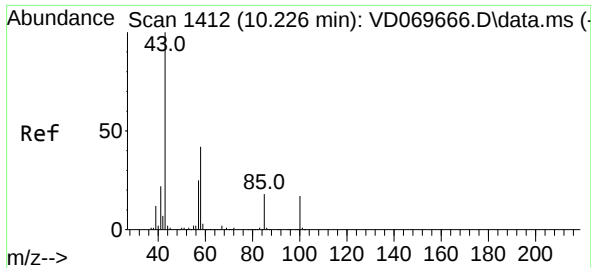
Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 0.0 36.7 55.1#



#50
Toluene-d8
Concen: 43.617 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 98 Resp: 37200
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.2

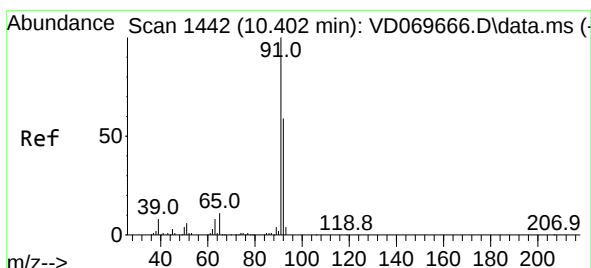
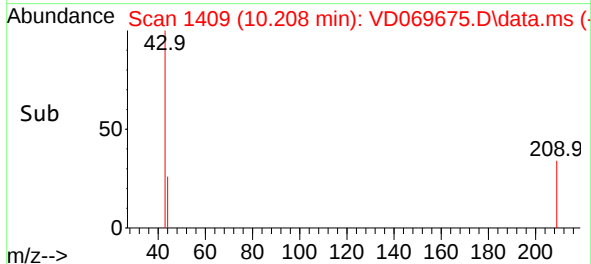
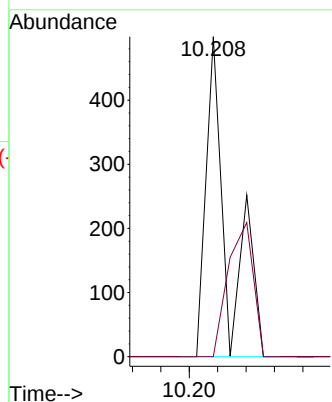
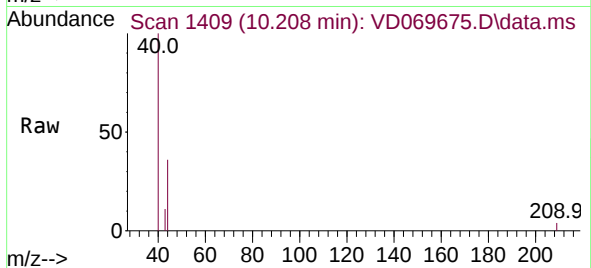




#51
4-Methyl-2-Pentanone
Concen: 2.188 ug/l
RT: 10.208 min Scan# 1409
Delta R.T. -0.018 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

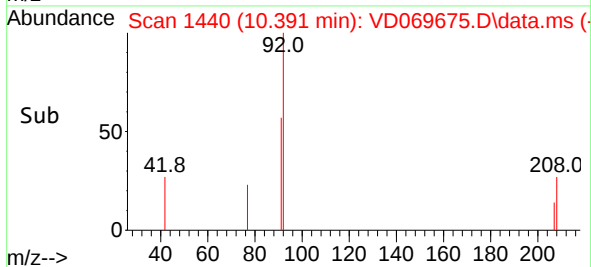
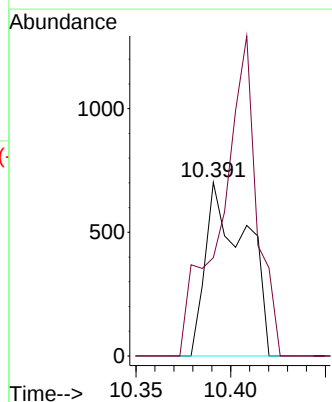
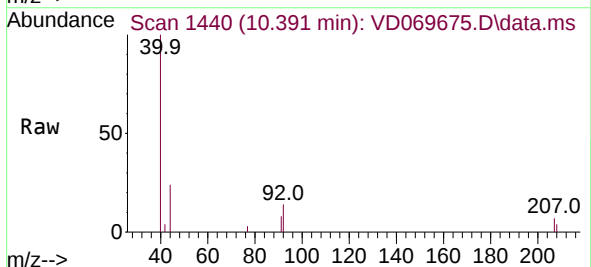
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

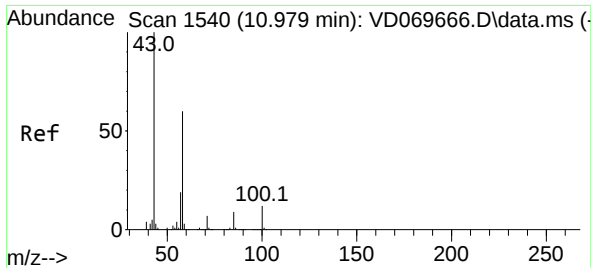
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 48.3 33.5 50.3



#52
Toluene
Concen: 1.760 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.011 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 92 Resp: 1031
Ion Ratio Lower Upper
92 100
91 163.9 137.6 206.4

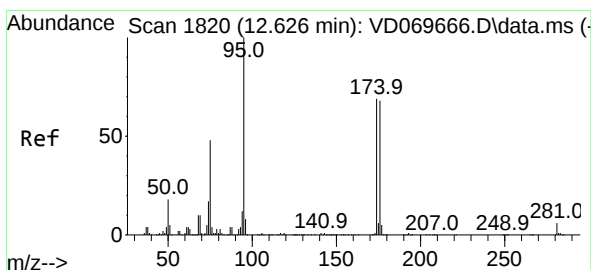
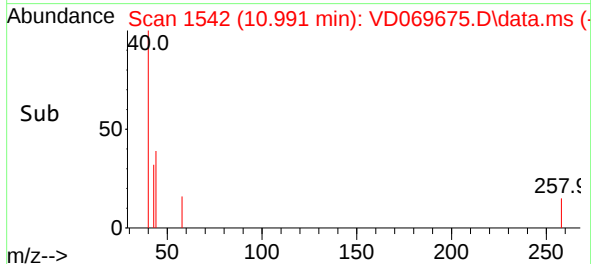
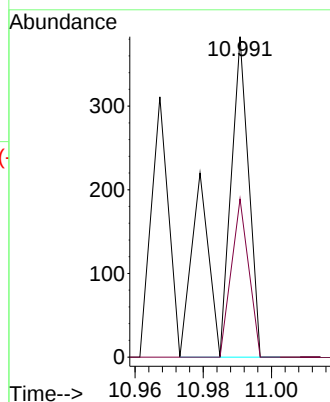
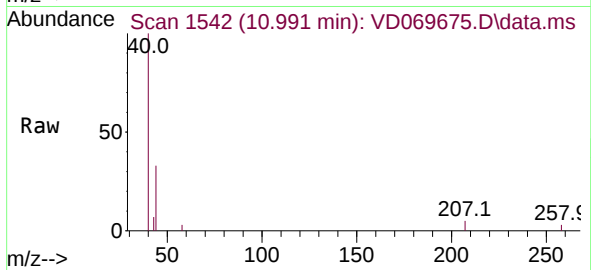




#59
2-Hexanone
Concen: 2.639 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

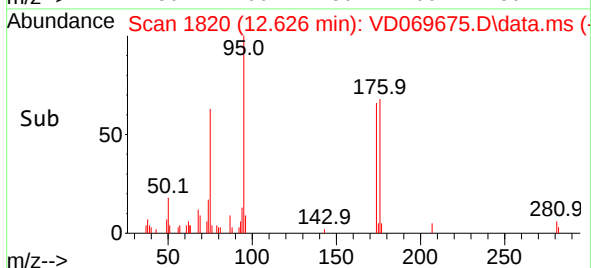
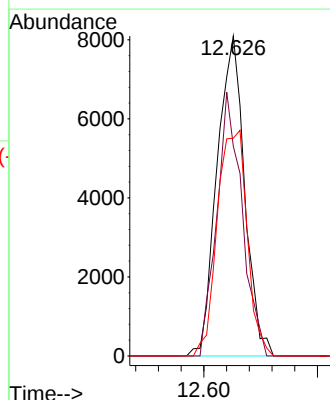
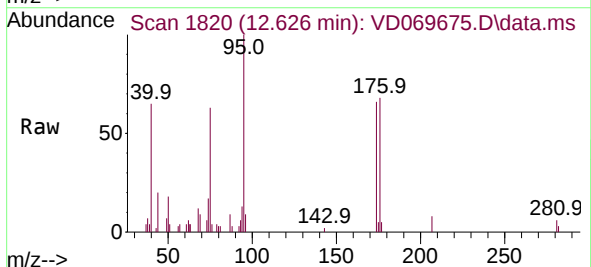
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

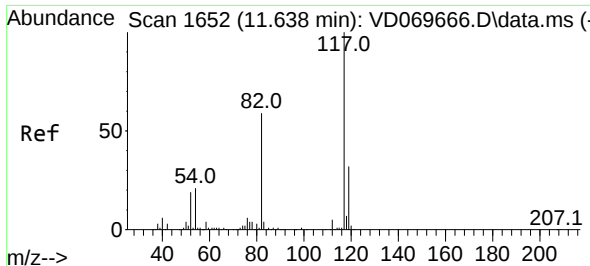
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 31.5 29.1 87.4



#62
4-Bromofluorobenzene
Concen: 47.897 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 95 Resp: 13624
Ion Ratio Lower Upper
95 100
174 75.6 0.0 140.0
176 76.2 0.0 136.2

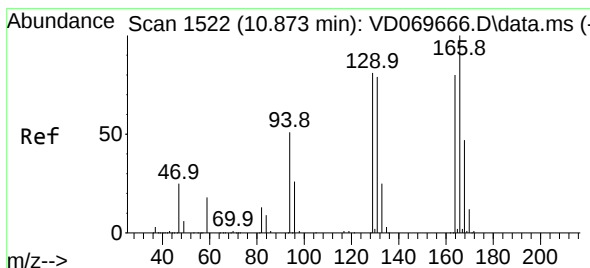
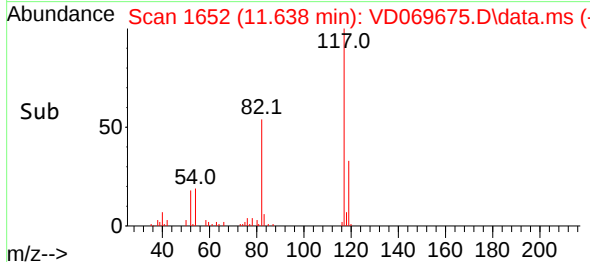
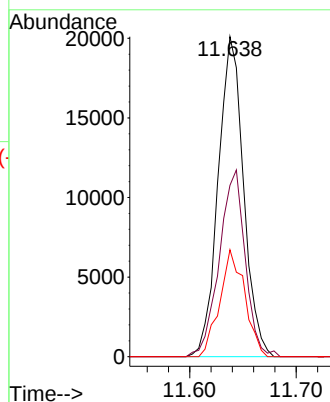
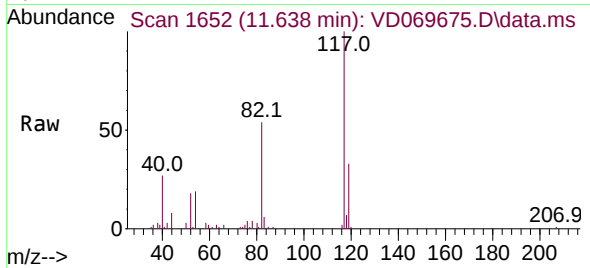




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

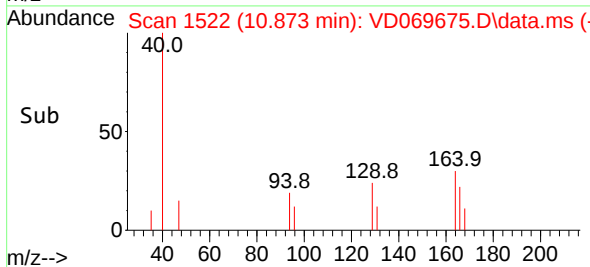
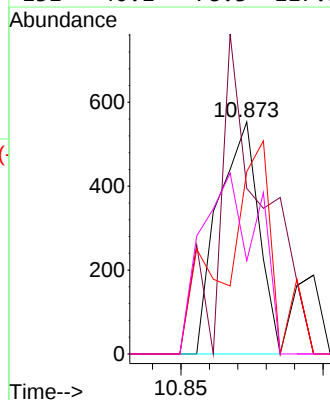
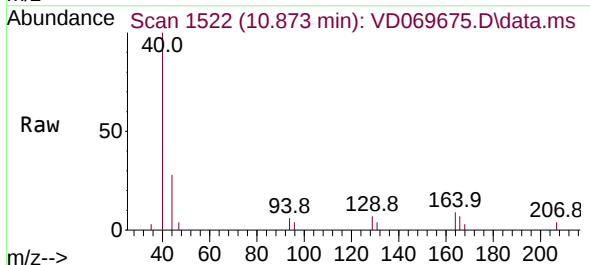
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

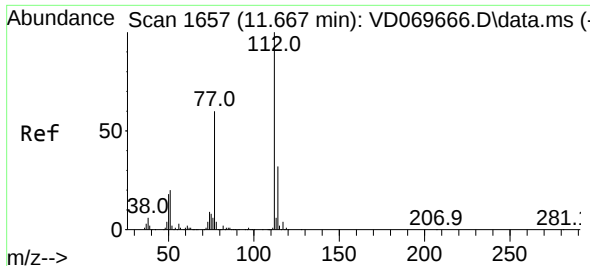
Tgt Ion:	117	Resp:	33245
Ion Ratio	Lower	Upper	
117	100		
82	53.5	47.4	71.2
119	33.4	25.5	38.3



#64
Tetrachloroethene
Concen: 2.709 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:	164	Resp:	550
Ion Ratio	Lower	Upper	
164	100		
166	71.4	99.6	149.4#
129	78.7	80.8	121.2#
131	40.1	78.3	117.5#

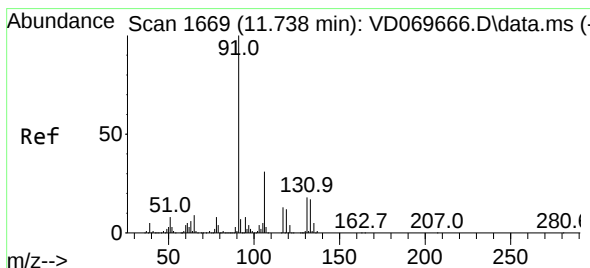
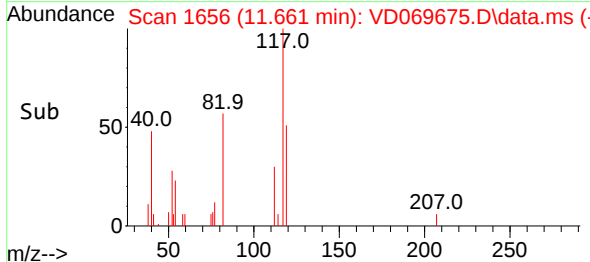
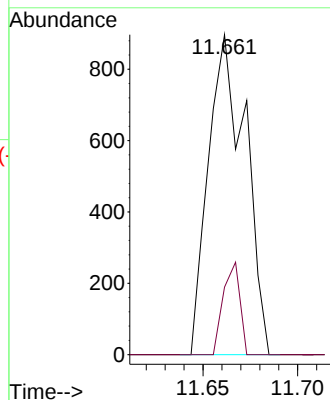
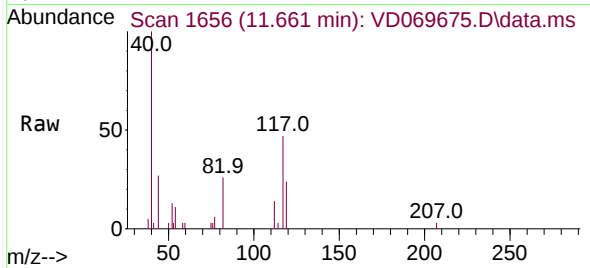




#65
Chlorobenzene
Concen: 1.837 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

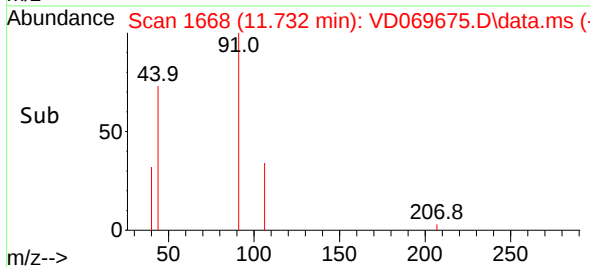
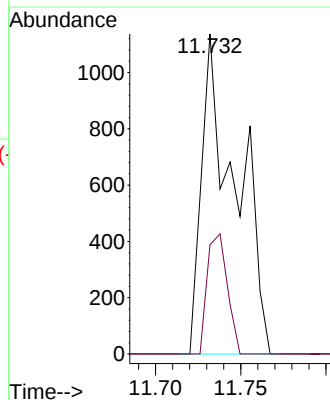
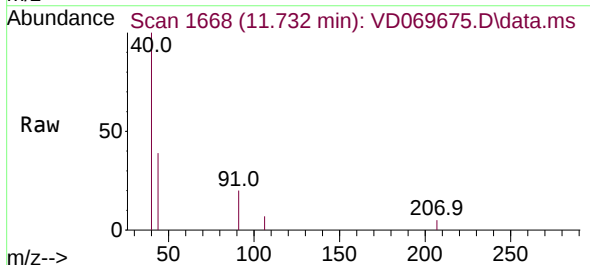
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

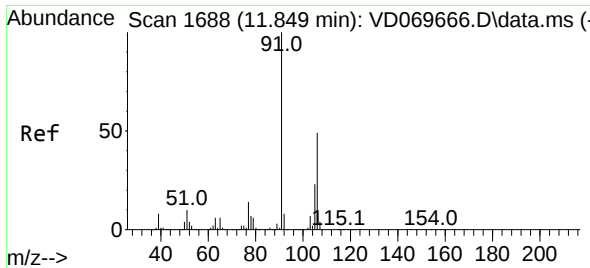
Tgt Ion:112 Resp: 1220
Ion Ratio Lower Upper
112 100
114 21.1 25.7 38.5#



#67
Ethyl Benzene
Concen: 1.348 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 91 Resp: 1585
Ion Ratio Lower Upper
91 100
106 34.1 24.6 37.0

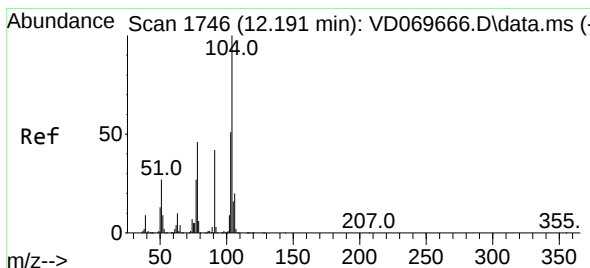
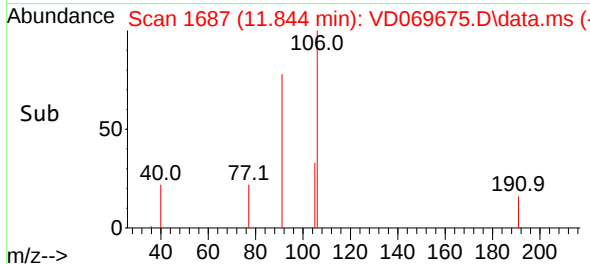
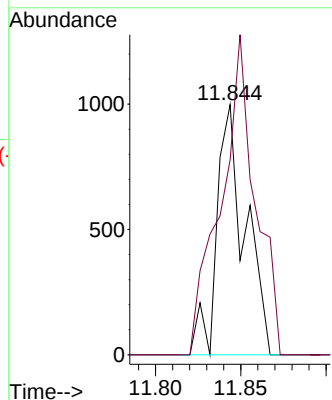
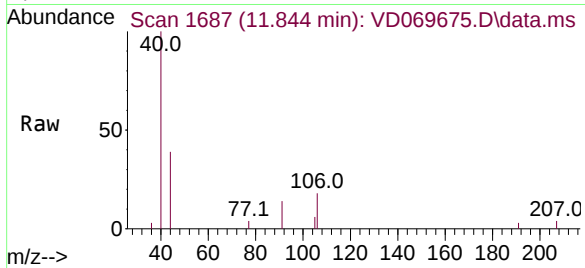




#68
m/p-Xylenes
Concen: 2.590 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.005 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

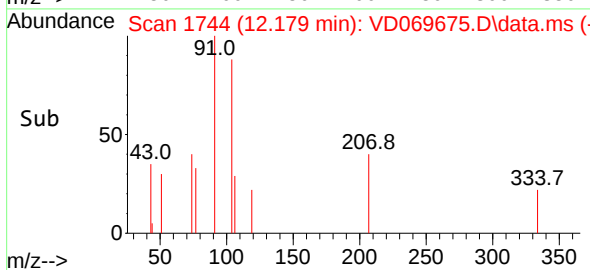
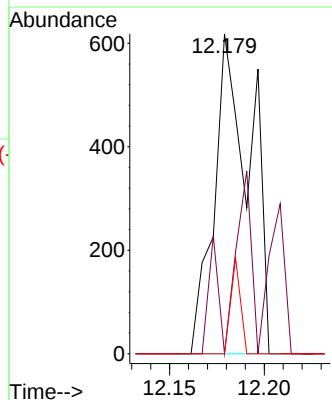
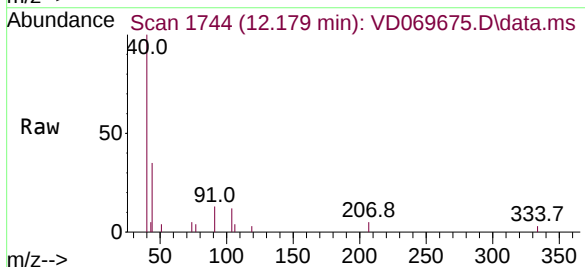
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

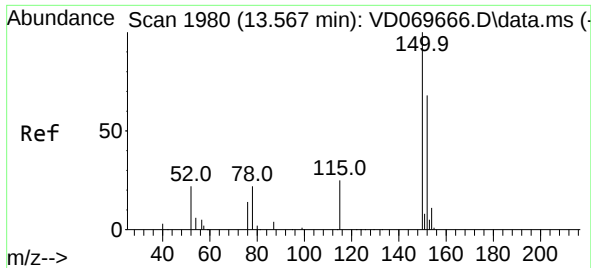
Tgt Ion:106 Resp: 1152
Ion Ratio Lower Upper
106 100
91 155.6 164.5 246.7#



#70
Styrene
Concen: 1.155 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:104 Resp: 816
Ion Ratio Lower Upper
104 100
78 33.7 40.4 60.6#
103 8.0 43.9 65.9#

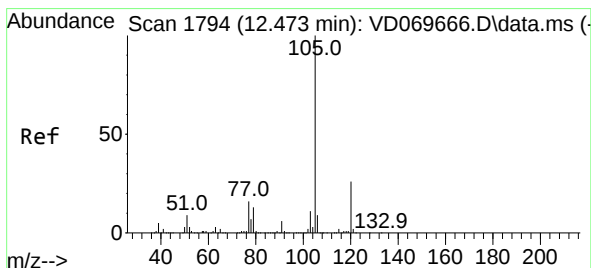
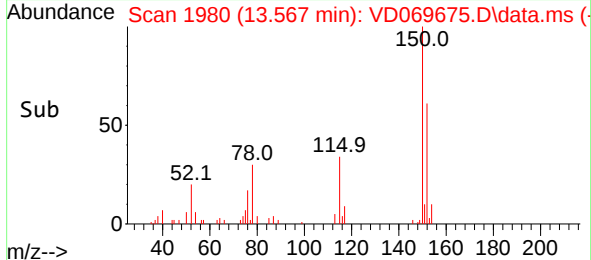
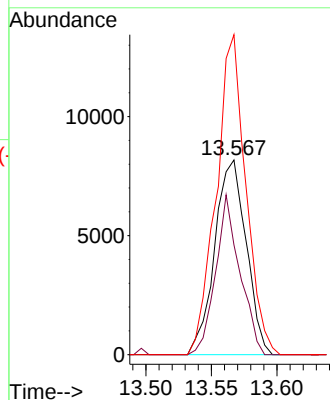
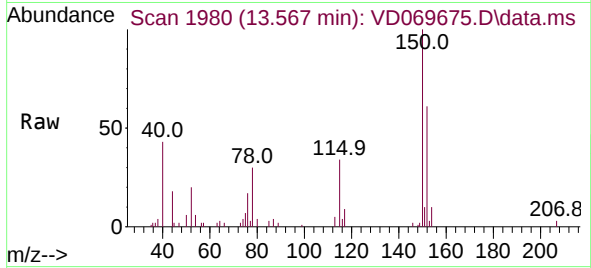




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

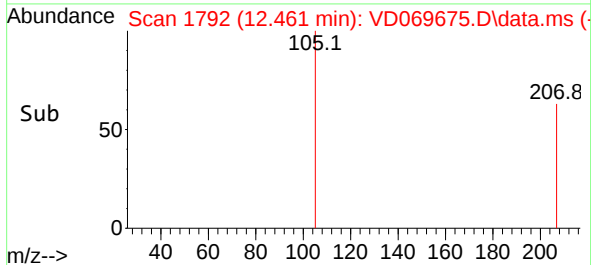
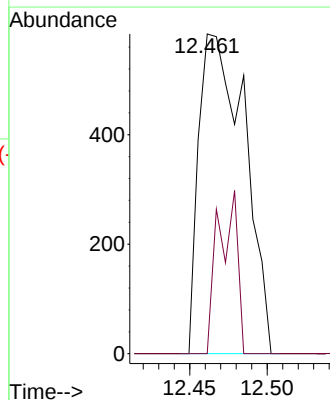
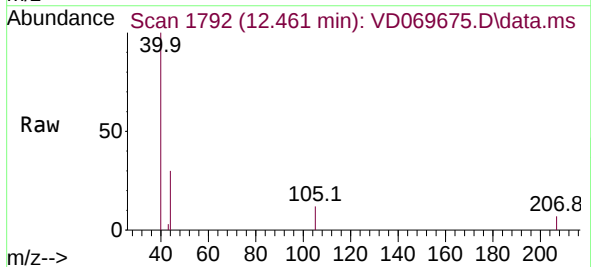
Instrument :
MSVOA_D
ClientSampleId :
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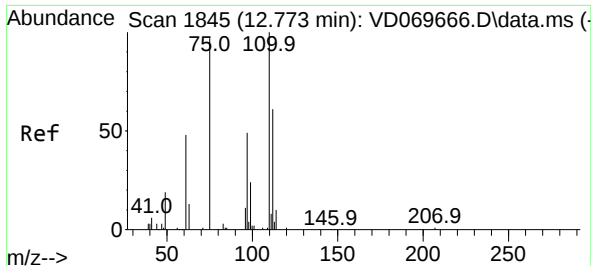
Tgt Ion:152 Resp: 13661
Ion Ratio Lower Upper
152 100
115 63.1 31.7 95.1
150 154.2 0.0 350.4



#73
Isopropylbenzene
Concen: 1.230 ug/l
RT: 12.461 min Scan# 1792
Delta R.T. -0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:105 Resp: 1196
Ion Ratio Lower Upper
105 100
120 21.5 13.0 39.0

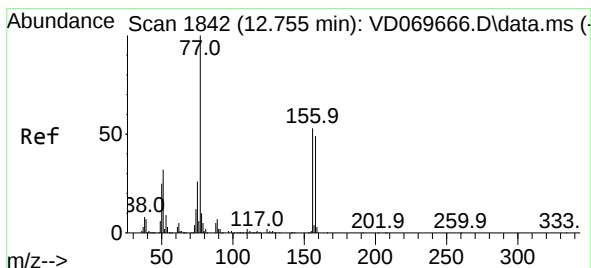
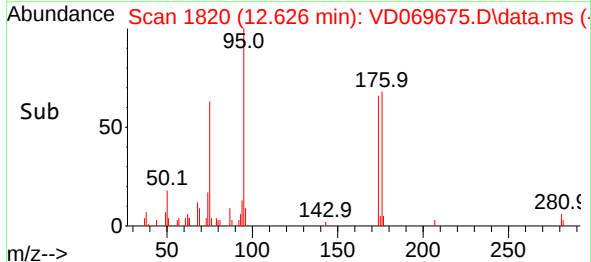
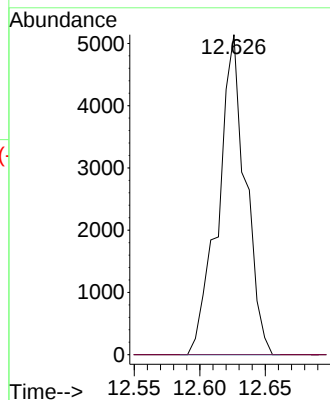
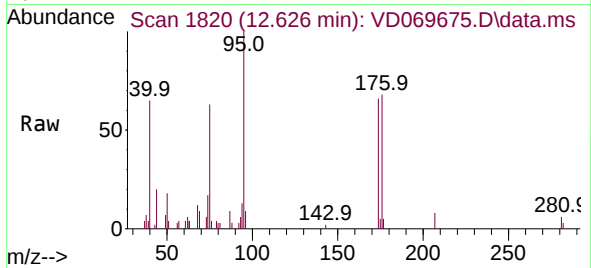




#76
1,2,3-Trichloropropane
Concen: 56.061 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

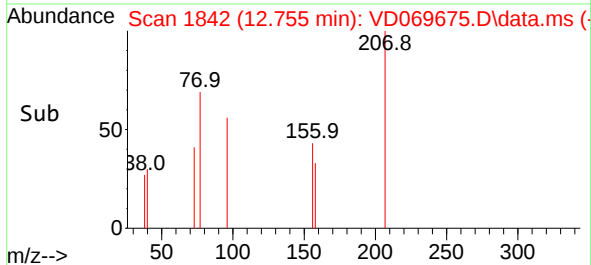
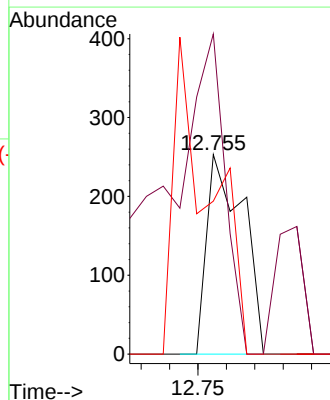
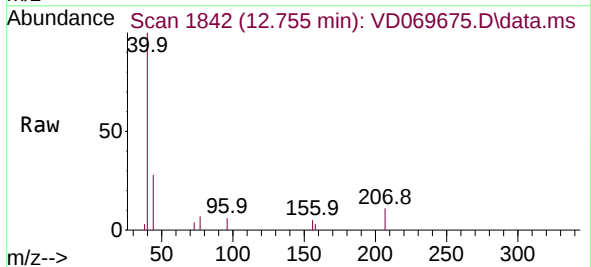
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

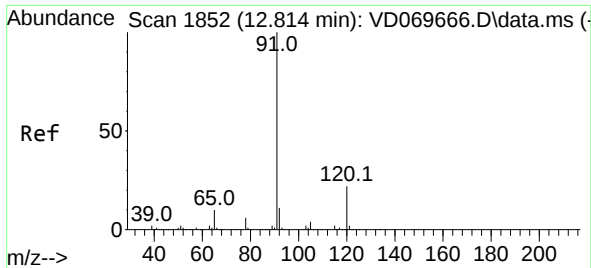
Tgt Ion: 75 Resp: 7440
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.033 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 156 Resp: 223
Ion Ratio Lower Upper
156 100
77 262.3 106.5 319.4
158 159.6 48.0 144.2#

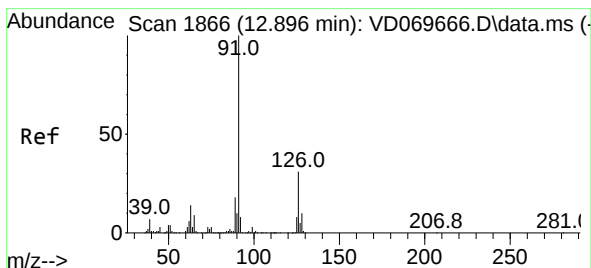
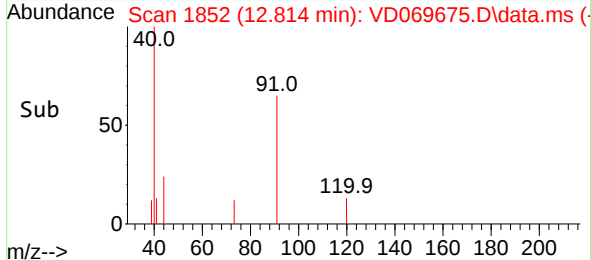
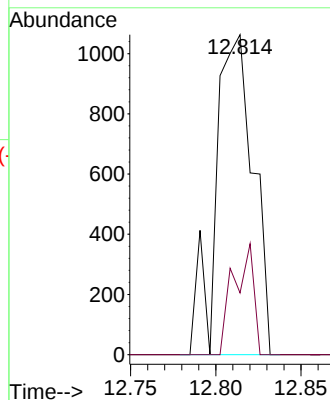
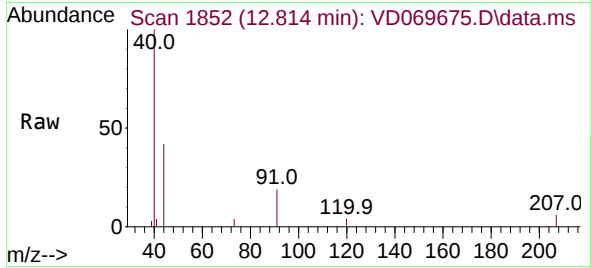




#78
n-propylbenzene
Concen: 1.319 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

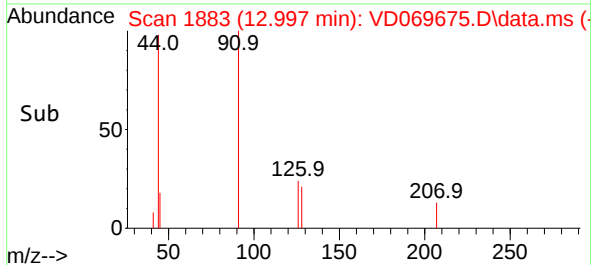
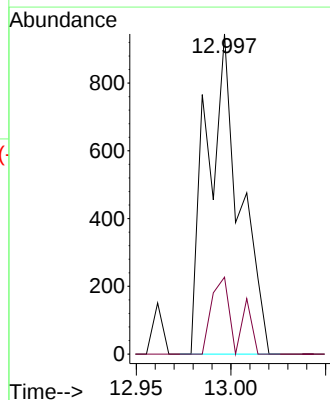
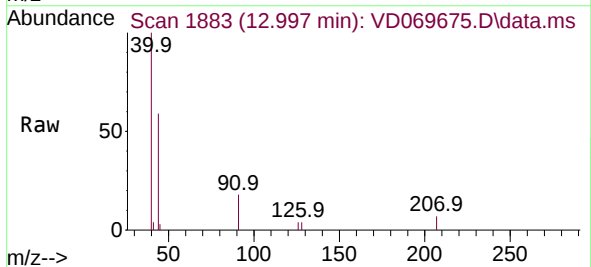
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

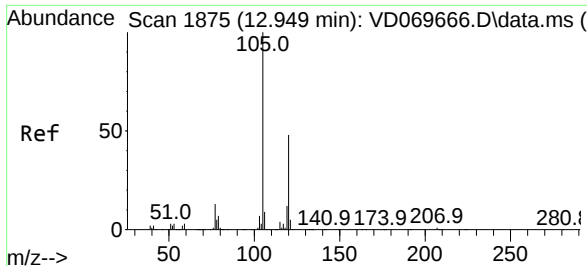
Tgt Ion: 91 Resp: 1627
Ion Ratio Lower Upper
91 100
120 18.7 10.8 32.4



#79
2-Chlorotoluene
Concen: 1.583 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.101 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 91 Resp: 1148
Ion Ratio Lower Upper
91 100
126 17.6 16.0 48.0

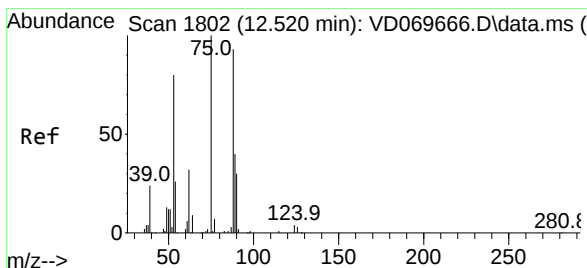
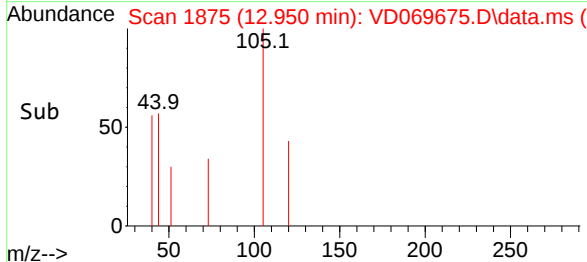
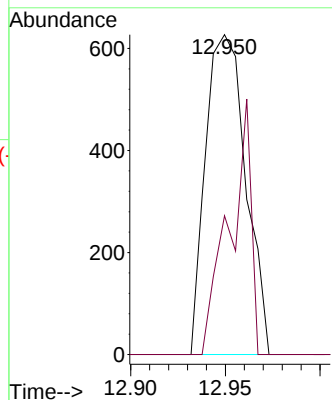
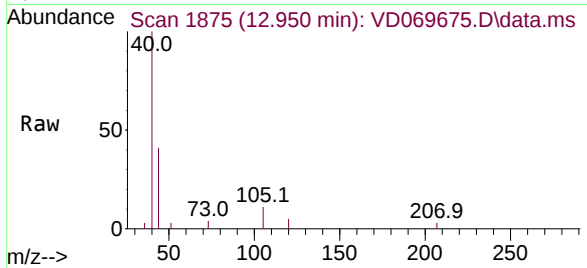




#80
1,3,5-Trimethylbenzene
Concen: 1.122 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

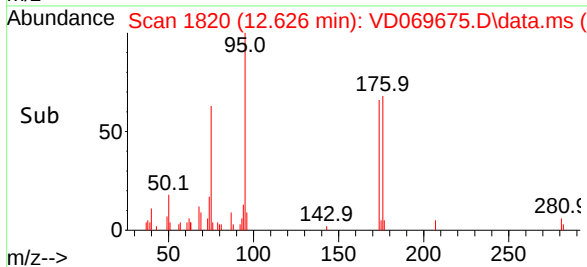
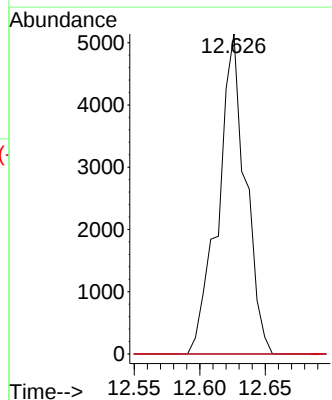
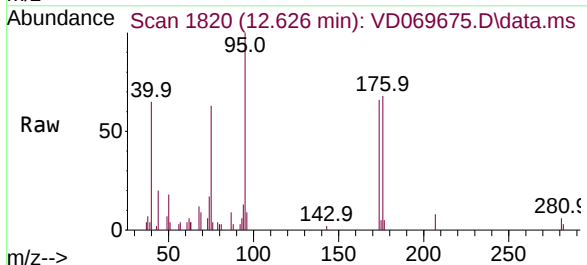
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

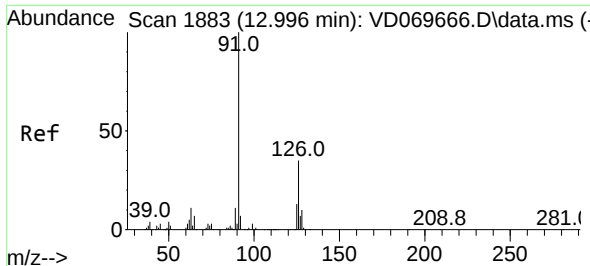
Tgt Ion:105 Resp: 926
Ion Ratio Lower Upper
105 100
120 43.1 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 150.661 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 75 Resp: 7440
Ion Ratio Lower Upper
75 100
53 0.0 70.6 106.0#
89 0.0 35.1 52.7#

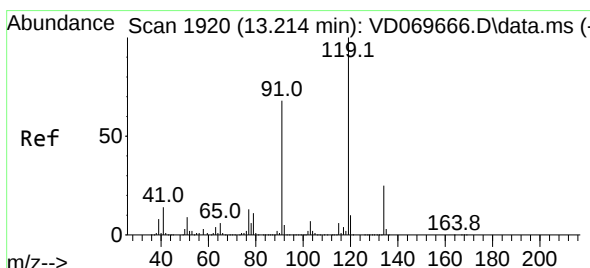
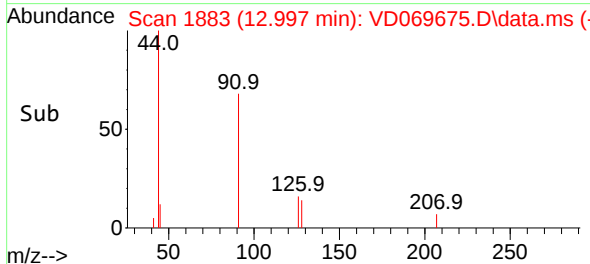
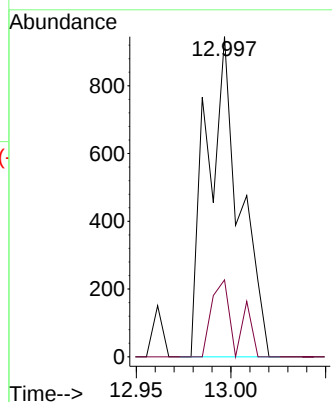
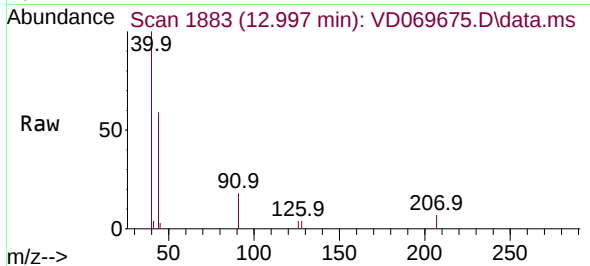




#82
4-Chlorotoluene
Concen: 1.509 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

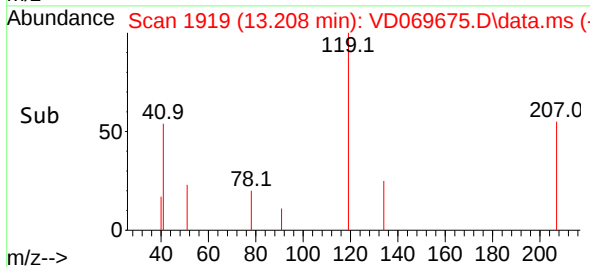
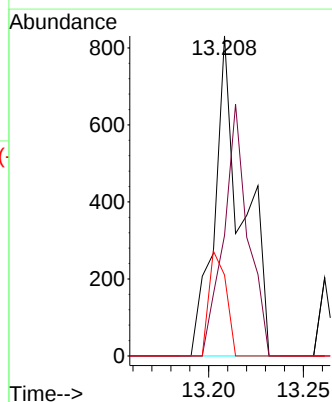
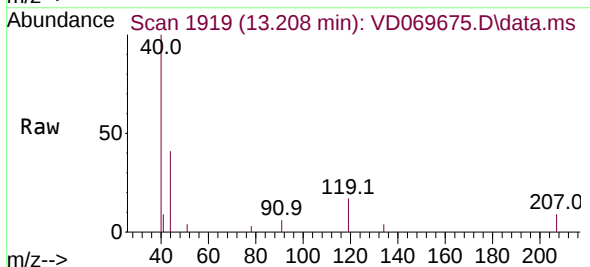
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

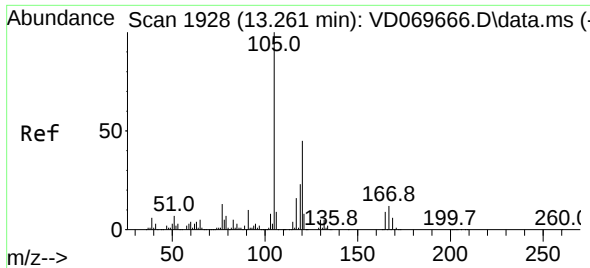
Tgt Ion: 91 Resp: 1148
Ion Ratio Lower Upper
91 100
126 17.6 16.2 48.5



#83
tert-Butylbenzene
Concen: 1.274 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 119 Resp: 857
Ion Ratio Lower Upper
119 100
91 67.8 34.3 102.9
134 19.8 13.2 39.5

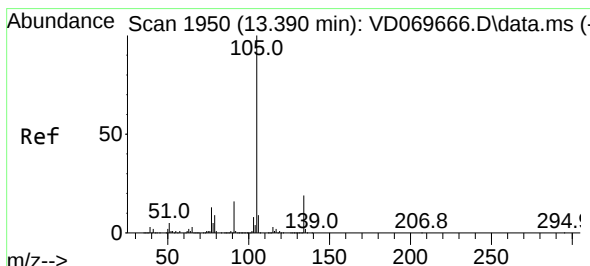
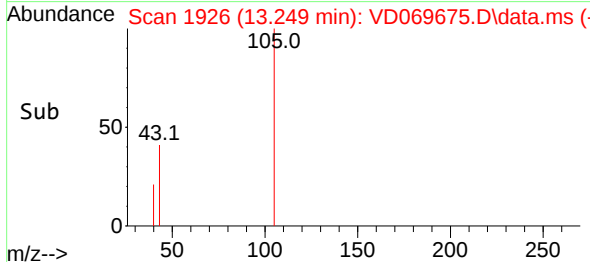
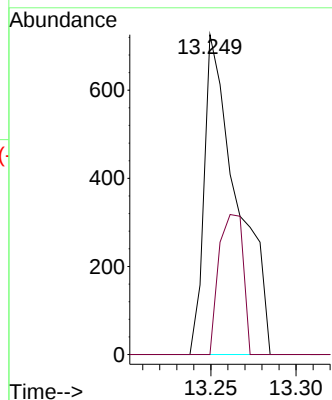
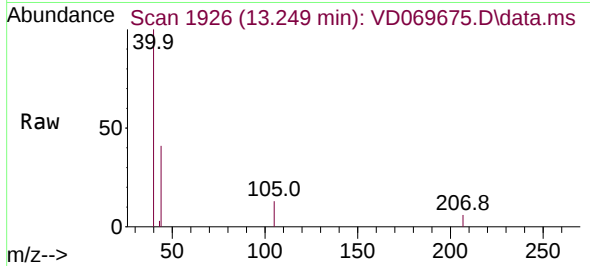




#84
1,2,4-Trimethylbenzene
Concen: 1.192 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

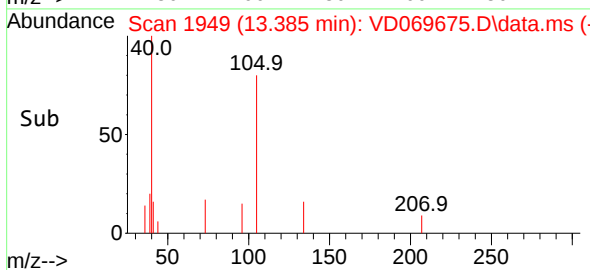
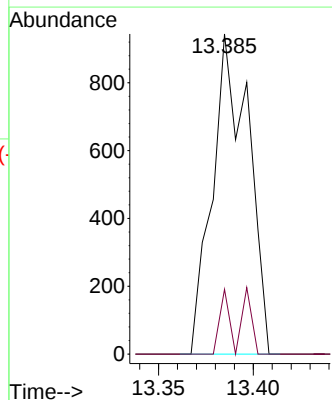
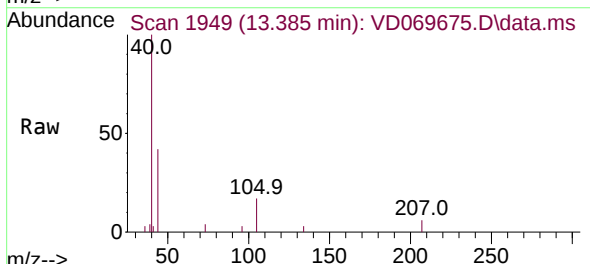
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

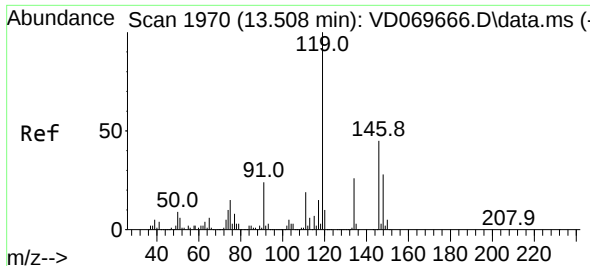
Tgt Ion:105 Resp: 976
Ion Ratio Lower Upper
105 100
120 32.1 22.0 66.0



#85
sec-Butylbenzene
Concen: 1.178 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.005 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:105 Resp: 1245
Ion Ratio Lower Upper
105 100
134 11.0 9.4 28.3

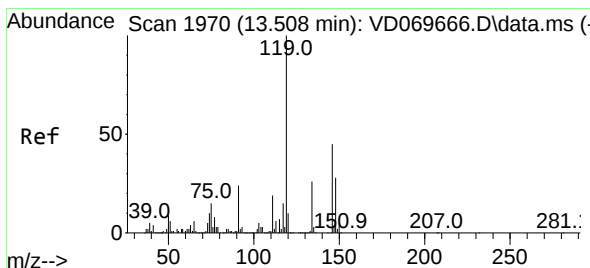
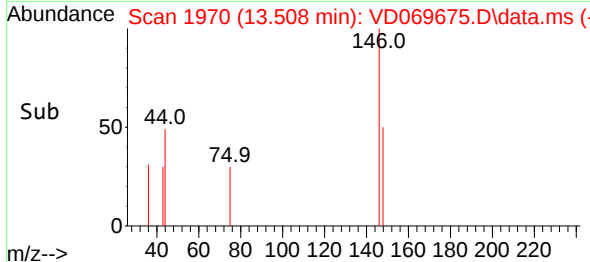
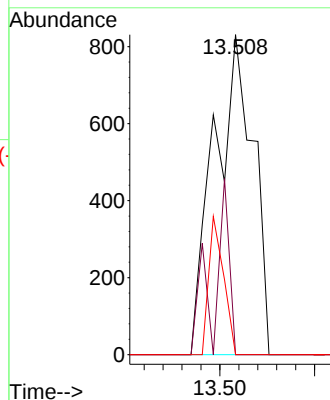
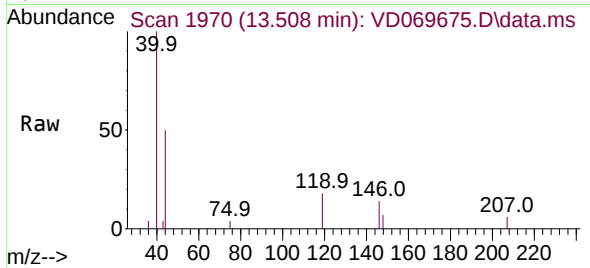




#86
p-Isopropyltoluene
Concen: 1.374 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

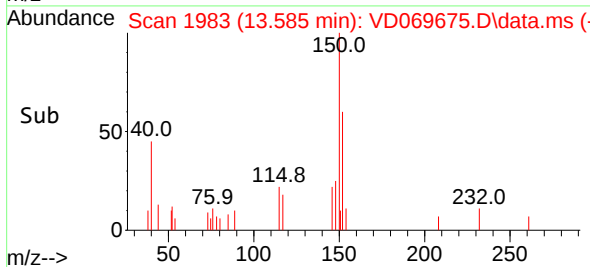
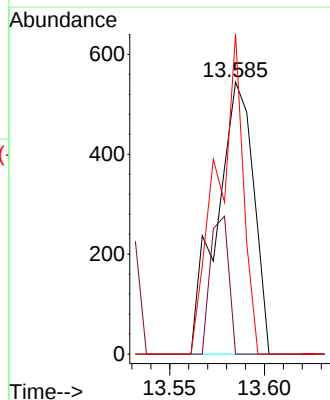
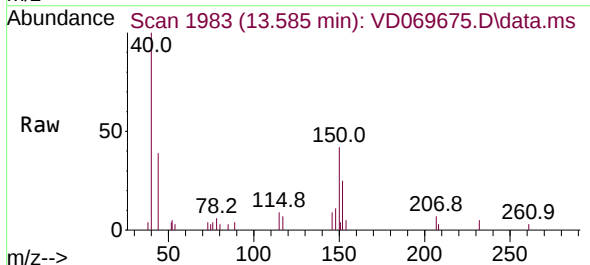
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

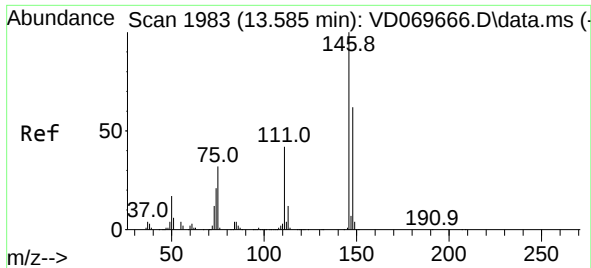
Tgt Ion:	119	Resp:	1183
Ion	Ratio	Lower	Upper
119	100		
134	22.2	12.8	38.3
91	16.6	12.0	36.0



#87
1,3-Dichlorobenzene
Concen: 1.631 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.077 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:	146	Resp:	731
Ion	Ratio	Lower	Upper
146	100		
111	25.4	21.6	65.0
148	83.7	31.4	94.2

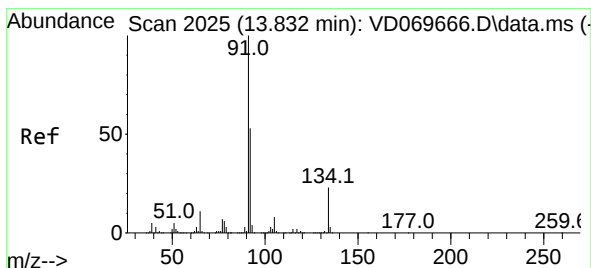
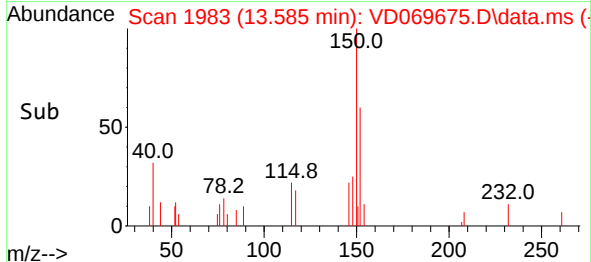
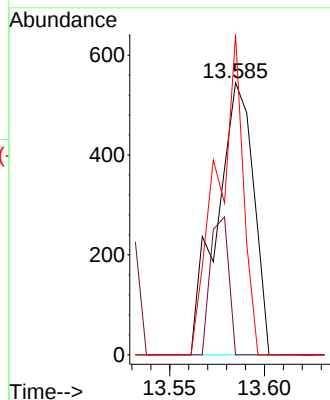
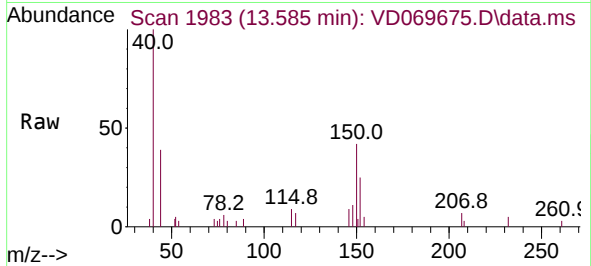




#88
1,4-Dichlorobenzene
Concen: 1.633 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

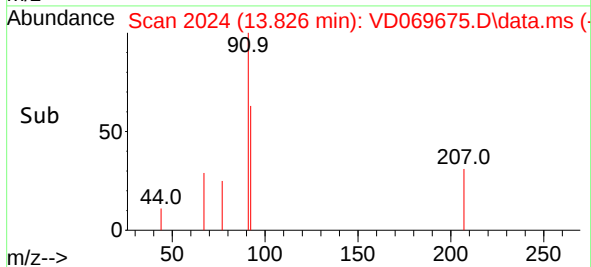
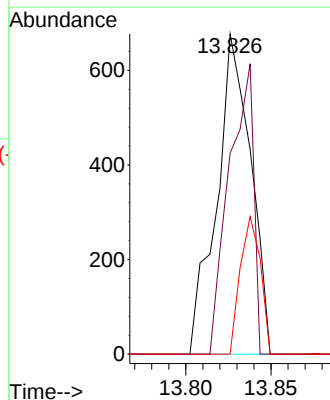
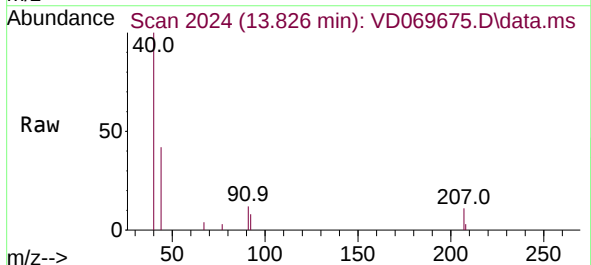
Instrument :
MSVOA_D
ClientSampleId :
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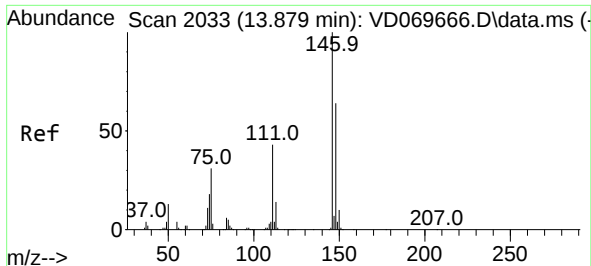
Tgt Ion:	146	Resp:	731
Ion	Ratio	Lower	Upper
146	100		
111	25.4	20.8	62.5
148	83.7	31.4	94.3



#89
n-Butylbenzene
Concen: 1.106 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:	91	Resp:	943
Ion	Ratio	Lower	Upper
91	100		
92	65.0	26.6	79.8
134	25.3	11.7	35.1

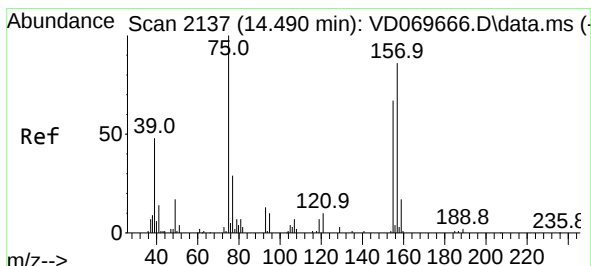
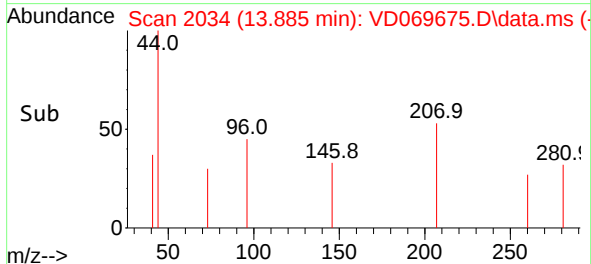
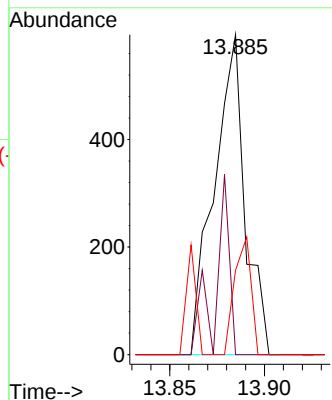
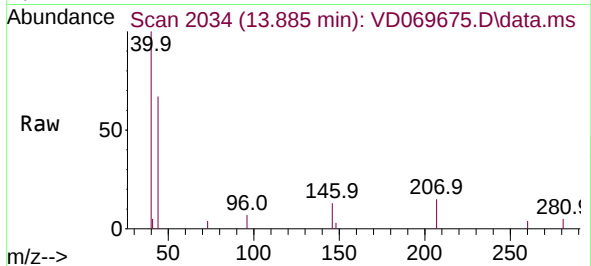




#91
1,2-Dichlorobenzene
Concen: 1.741 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

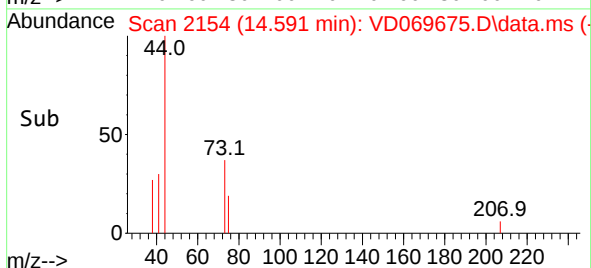
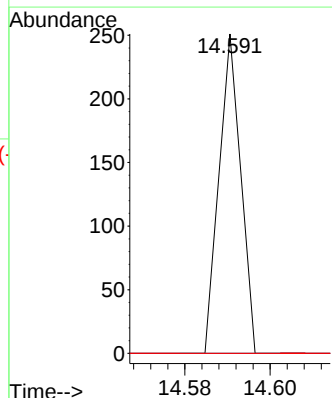
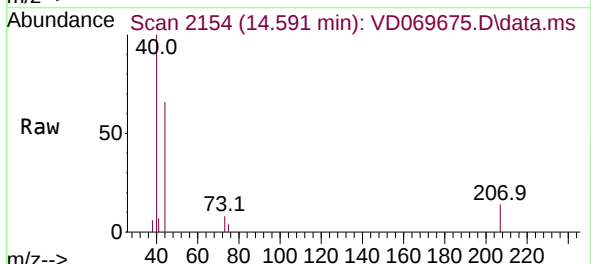
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

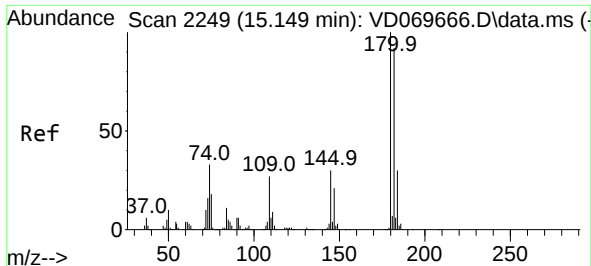
Tgt Ion:146 Resp: 673
Ion Ratio Lower Upper
146 100
111 25.9 21.9 65.5
148 19.8 32.2 96.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.084 ug/l
RT: 14.591 min Scan# 2154
Delta R.T. 0.101 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
155 0.0 35.9 107.7#
157 0.0 45.6 136.9#

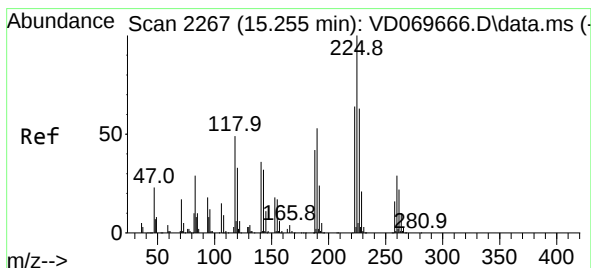
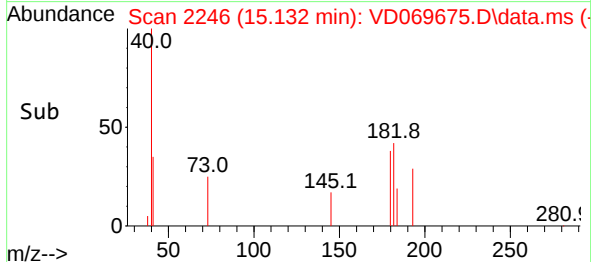
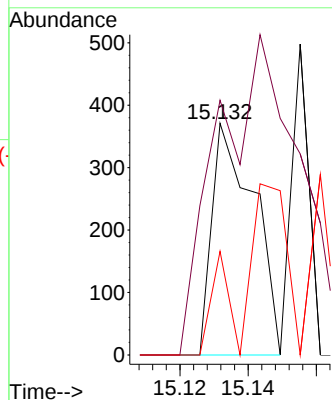
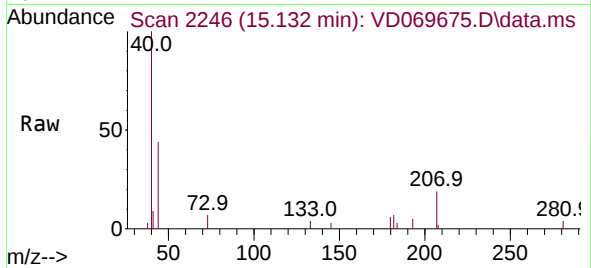




#93
1,2,4-Trichlorobenzene
Concen: 1.471 ug/l
RT: 15.132 min Scan# 2246
Delta R.T. -0.017 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

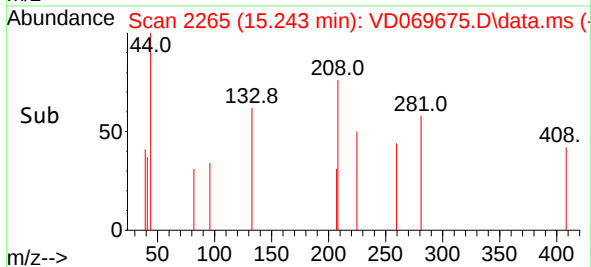
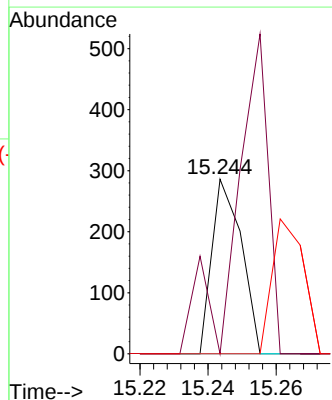
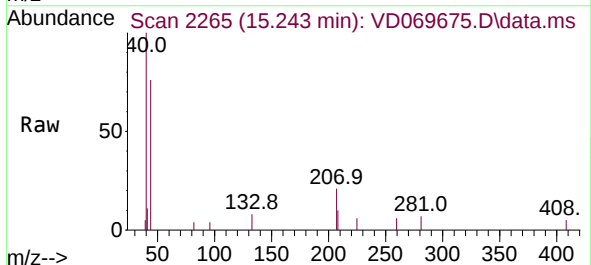
Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

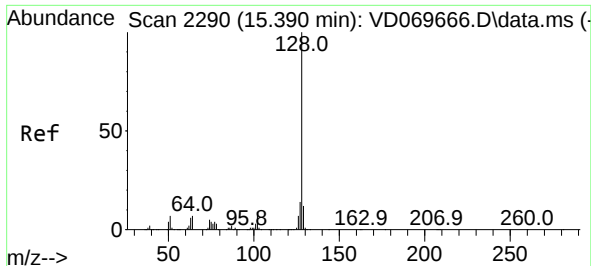
Tgt Ion:180 Resp: 316
Ion Ratio Lower Upper
180 100
182 265.5 46.4 139.2#
145 0.0 15.5 46.5#



#94
Hexachlorobutadiene
Concen: 1.328 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.012 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:225 Resp: 172
Ion Ratio Lower Upper
225 100
223 202.3 31.9 95.7#
227 82.0 32.2 96.6

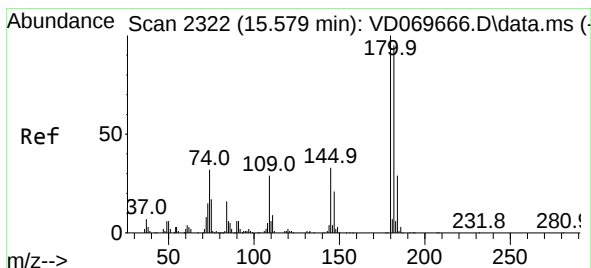
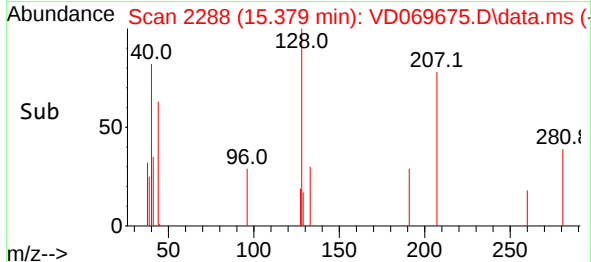
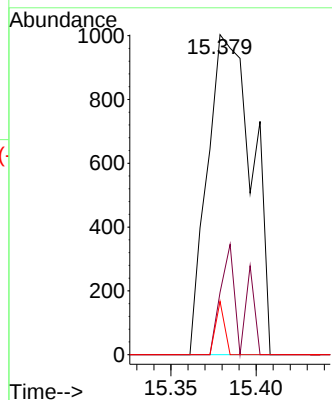
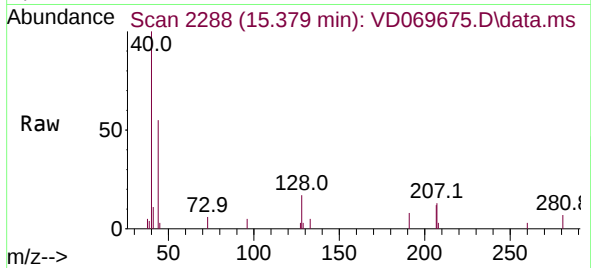




#95
Naphthalene
Concen: 6.244 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.011 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Instrument :
MSVOA_D
ClientSampleId :
CL-02-070921

Tgt Ion:128	Resp:	1826
Ion Ratio	Lower	Upper
128	100	
127	15.8	10.6 16.0
129	3.2	8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.322 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD069675.D
Acq: 13 Jul 2021 17:33

Tgt Ion:180	Resp:	613
Ion Ratio	Lower	Upper
180	100	
182	112.9	48.0 144.2
145	0.0	17.2 51.5#

