

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069884.D
 Acq On : 28 Jul 2021 12:34
 Operator : VA/SY
 Sample : M3158-01
 Misc : 5.06G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 28 13:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	460319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	960537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	618418	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	409170	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	372428	70.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.700%	
35) Dibromofluoromethane	7.914	113	343923	56.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.600%	
50) Toluene-d8	10.332	98	1634788	70.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 140.040%#	
62) 4-Bromofluorobenzene	12.620	95	785624	100.680	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 201.360%#	

Target Compounds				Qvalue		
5) Bromomethane	2.773	94	5198	Below Cal	93	
10) Methyl Iodide	4.302	142	3310	4.001	ug/l #	85
11) Tert butyl alcohol	5.208	59	303	1.106	ug/l #	73
13) Acrolein	4.138	56	11287	29.434	ug/l	90
15) Acrylonitrile	5.497	53	17700	14.658	ug/l #	44
16) Acetone	4.161	43	220082	230.126	ug/l	93
17) Carbon Disulfide	4.408	76	51320	2.725	ug/l	96
25) 2-Butanone	7.208	43	59673	46.011	ug/l	94
31) Cyclohexane	7.979	56	1191607	115.196	ug/l	92
37) Ethyl Acetate	7.208	43	59673	15.813	ug/l #	75
39) Methylcyclohexane	9.349	83	5469823	460.745	ug/l	99
41) Methacrylonitrile	7.567	41	3122	1.576	ug/l #	27
43) Isopropyl Acetate	8.449	43	214087	31.632	ug/l #	48
45) 1,2-Dichloropropane	9.355	63	52562	6.663	ug/l #	1
47) Bromodichloromethane	9.626	83	71762	7.124	ug/l #	43
48) Methyl methacrylate	9.402	41	251635	68.740	ug/l #	13
49) 1,4-Dioxane	9.461	88	125	3.051	ug/l #	21
51) 4-Methyl-2-Pentanone	10.332	43	410703	116.615	ug/l #	43
52) Toluene	10.396	92	62374	3.424	ug/l	95
55) 1,1,2-Trichloroethane	10.773	97	2487249	454.158	ug/l #	21
56) Ethyl methacrylate	10.632	69	449324	65.084	ug/l #	82
58) 2-Chloroethyl Vinyl ether	9.914	63	3141	21.837	ug/l #	48
59) 2-Hexanone	10.949	43	3540668	1519.883	ug/l #	26
60) Dibromochloromethane	11.055	129	8659	1.396	ug/l	86
61) 1,2-Dibromoethane	11.243	107	6054	1.228	ug/l #	3
65) Chlorobenzene	11.673	112	12963	1.012	ug/l #	61
67) Ethyl Benzene	11.737	91	4154876	184.195	ug/l	100
68) m/p-Xylenes	11.855	106	95489	10.920	ug/l #	62
69) o-Xylene	12.173	106	60403	7.598	ug/l #	1
73) Isopropylbenzene	12.473	105	2808217	95.520	ug/l	100
74) N-amyl acetate	12.267	43	6745327	1115.447	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.702	83	582125	99.149	ug/l #	69
76) 1,2,3-Trichloropropane	12.814	75	43921	10.099	ug/l #	1
77) Bromobenzene	12.720	156	14673	2.216	ug/l #	1
78) n-propylbenzene	12.814	91	6881139	182.234	ug/l	100
79) 2-Chlorotoluene	12.814	91	6881139	313.734	ug/l #	43

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

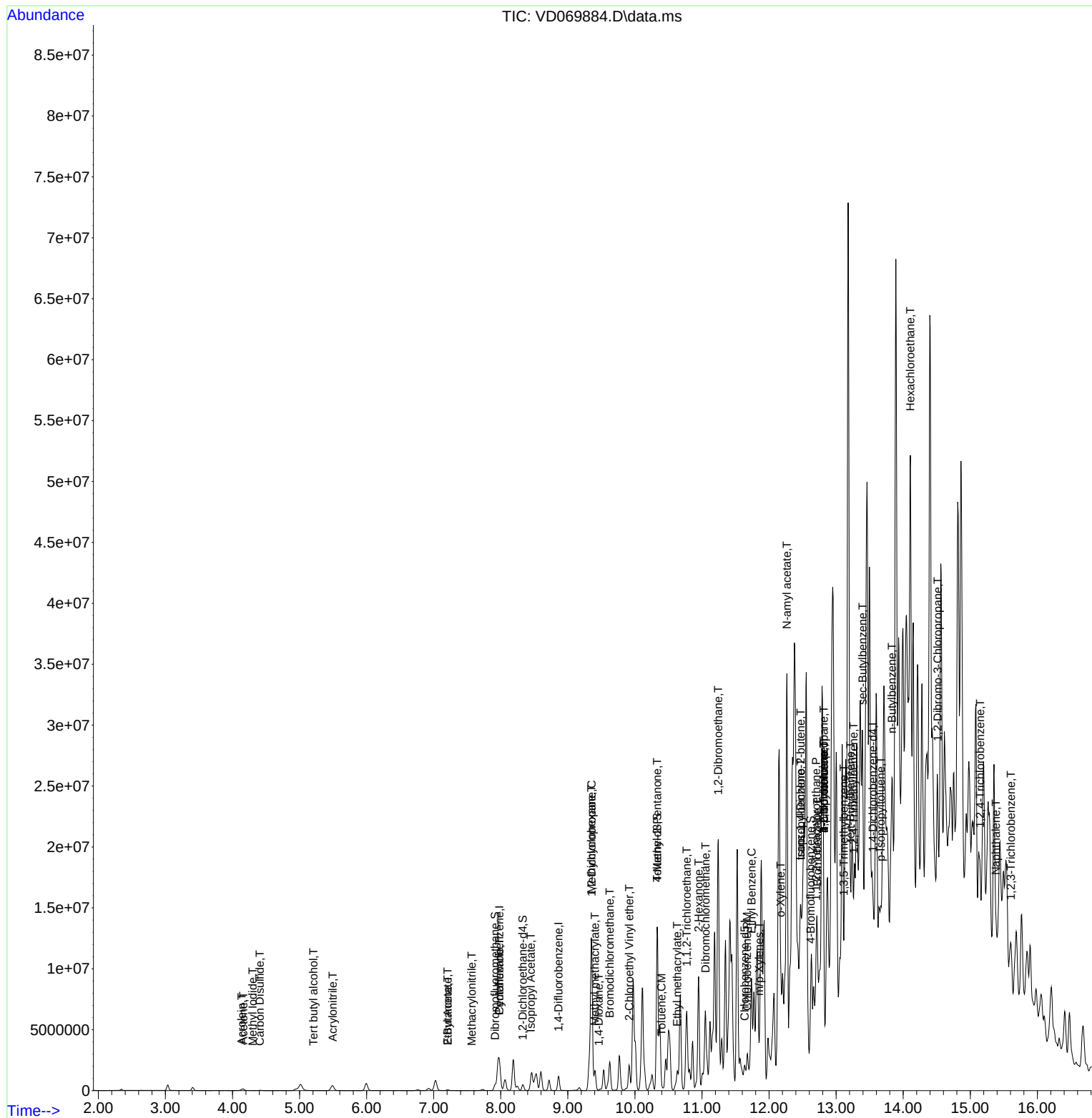
80) 1,3,5-Trimethylbenzene	13.114	105	204979	8.151	ug/l	74
81) trans-1,4-Dichloro-2-b...	12.473	75	31563	22.017	ug/l #	19
82) 4-Chlorotoluene	12.814	91	6881139	300.092	ug/l #	43
83) tert-Butylbenzene	13.214	119	140959	6.894	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.261	105	379192	15.284	ug/l	98
85) sec-Butylbenzene	13.396	105	5374097	166.254	ug/l	86
86) p-Isopropyltoluene	13.667	119	699117	26.622	ug/l	88
89) n-Butylbenzene	13.831	91	4604287	177.654	ug/l #	90
90) Hexachloroethane	14.108	117	1030389	185.227	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.514	75	29931	35.403	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.149	180	20849	3.221	ug/l #	1
95) Naphthalene	15.384	128	2391182	165.919	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.608	180	72525	12.954	ug/l #	12

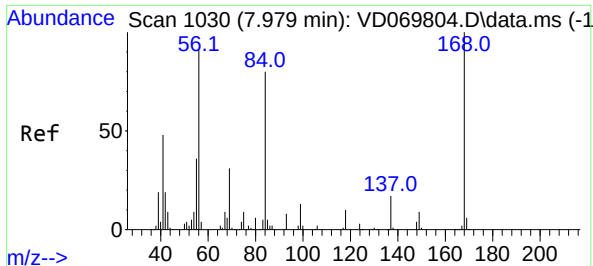
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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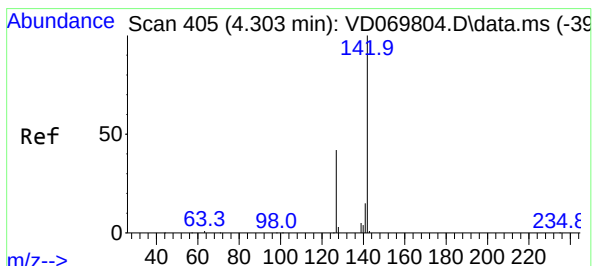
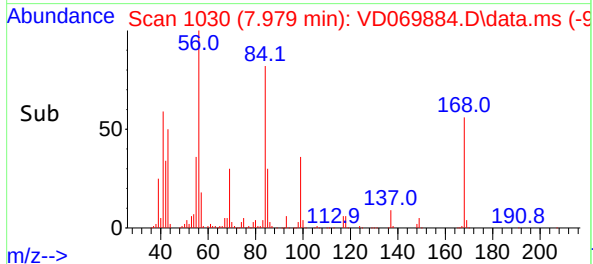
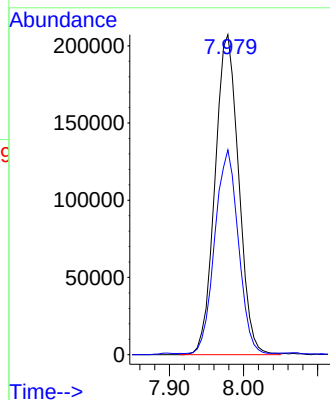
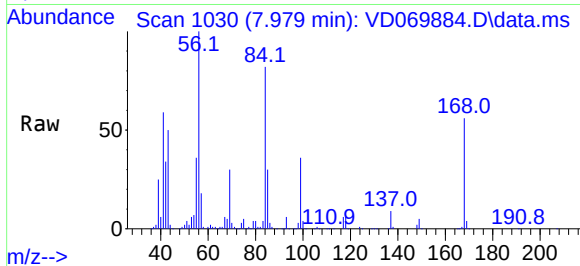




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

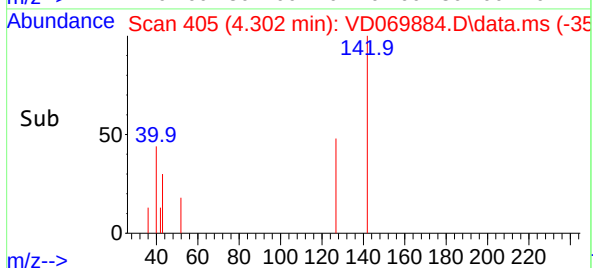
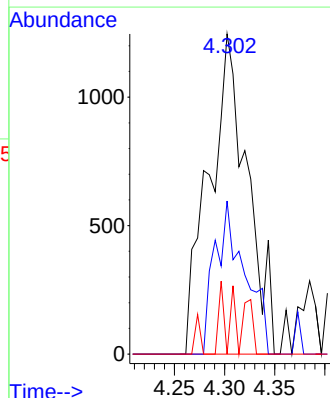
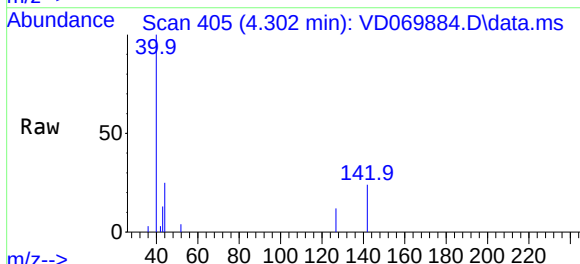
Instrument :
MSVOA_D
ClientSampleId :

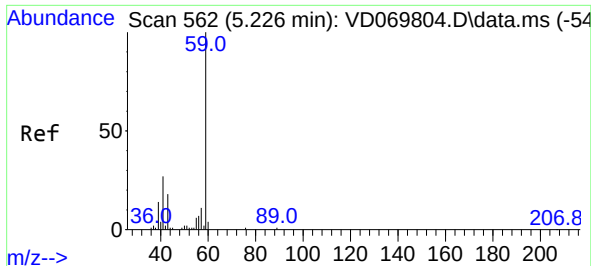
Tgt Ion:168 Resp: 460319
Ion Ratio Lower Upper
168 100
99 63.6 51.1 76.7



#10
Methyl Iodide
Concen: 4.001 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

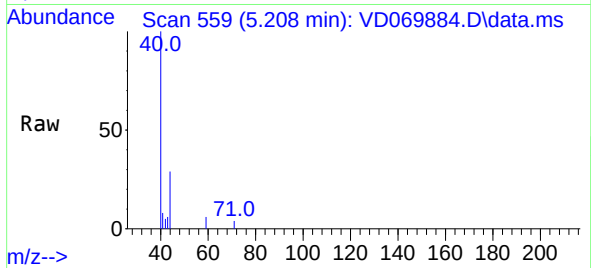
Tgt Ion:142 Resp: 3310
Ion Ratio Lower Upper
142 100
127 37.6 35.7 53.5
141 3.0 12.0 18.0#



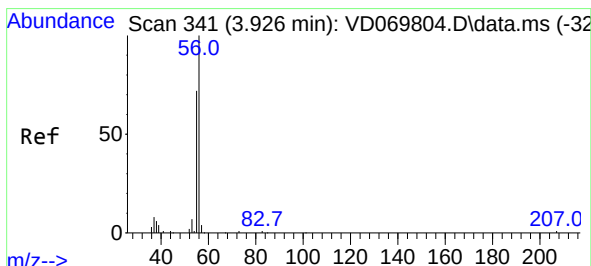
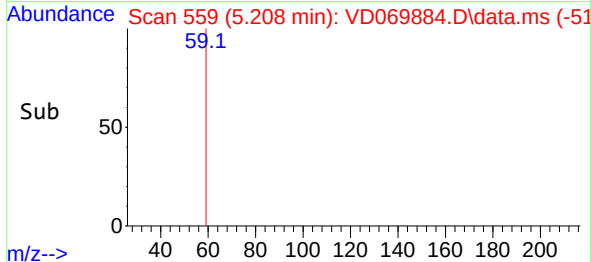
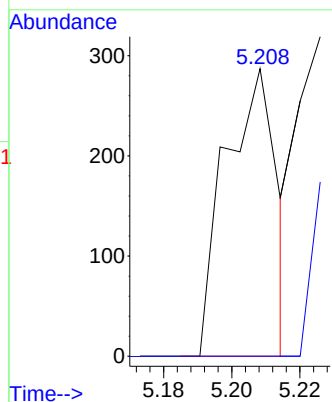


#11
Tert butyl alcohol
Concen: 1.106 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampled :

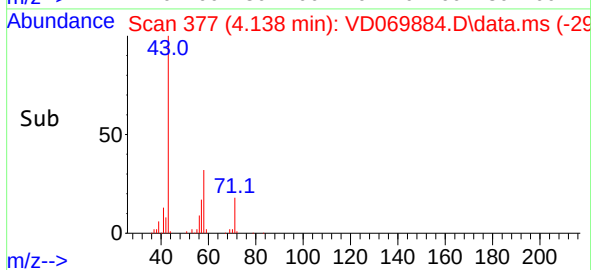
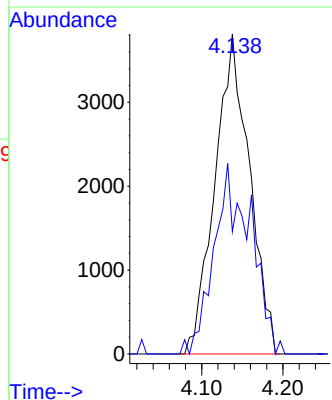
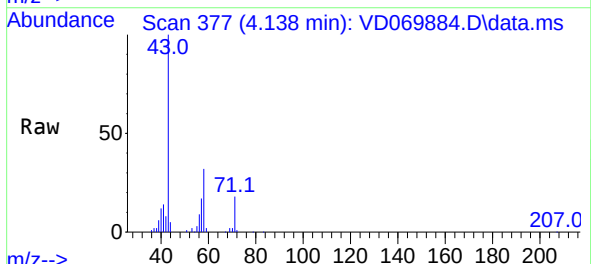


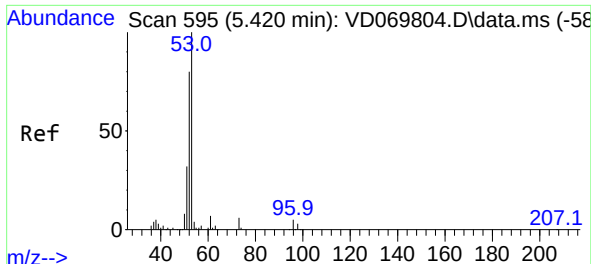
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 29.434 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.211 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

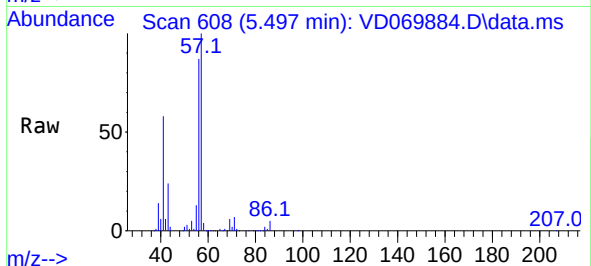
Tgt Ion: 56 Resp: 11287
Ion Ratio Lower Upper
56 100
55 63.1 57.2 85.8



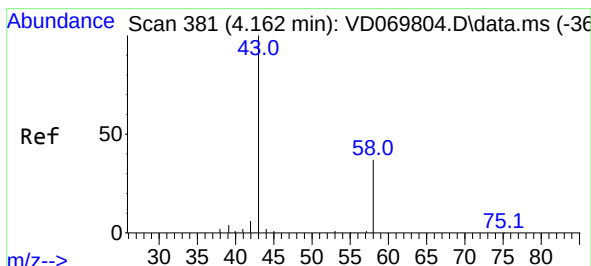
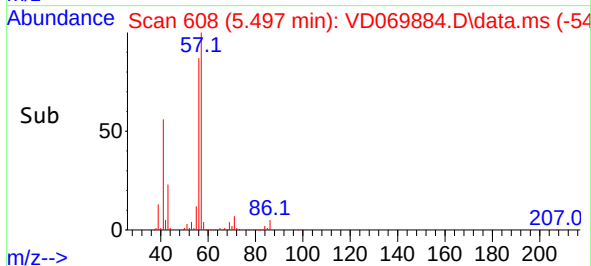
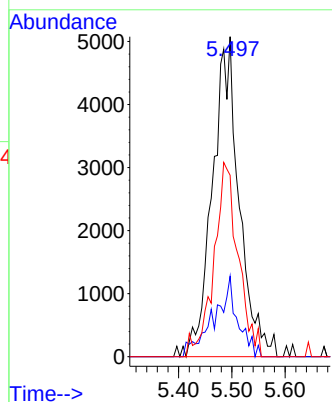


#15
Acrylonitrile
Concen: 14.658 ug/l
RT: 5.497 min Scan# 608
Delta R.T. 0.076 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampled :

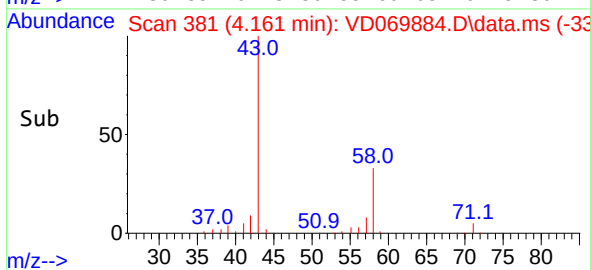
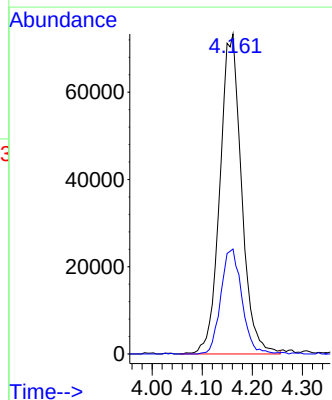
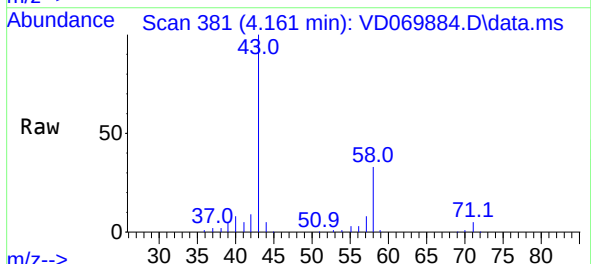


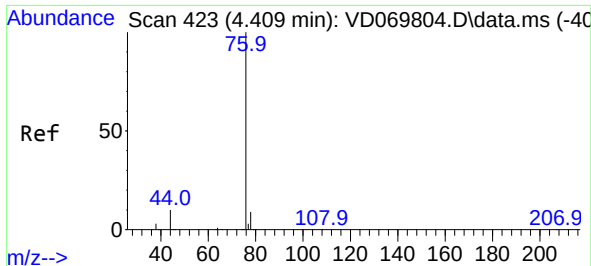
Tgt Ion: 53 Resp: 17700
Ion Ratio Lower Upper
53 100
52 22.6 65.3 97.9#
51 55.3 28.3 42.5#



#16
Acetone
Concen: 230.126 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

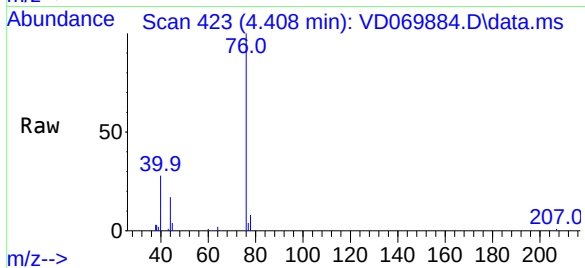
Tgt Ion: 43 Resp: 220082
Ion Ratio Lower Upper
43 100
58 32.8 29.4 44.0



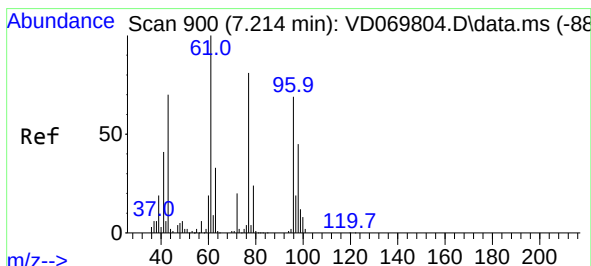
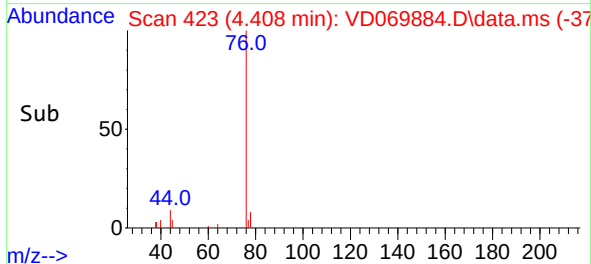
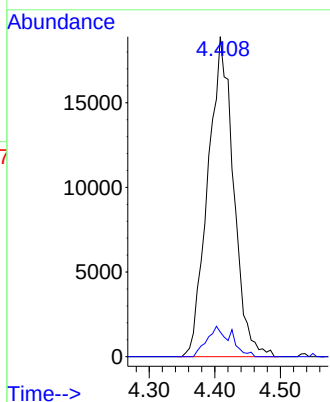


#17
Carbon Disulfide
Concen: 2.725 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampled :

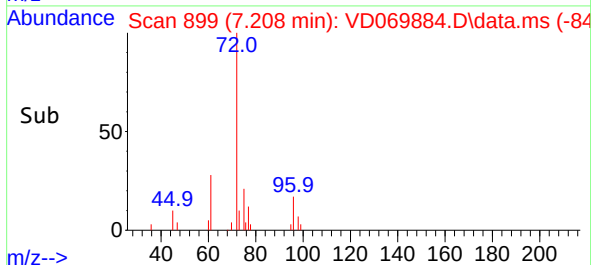
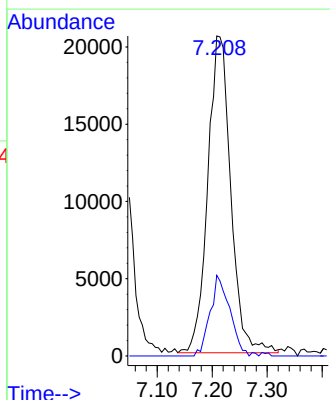
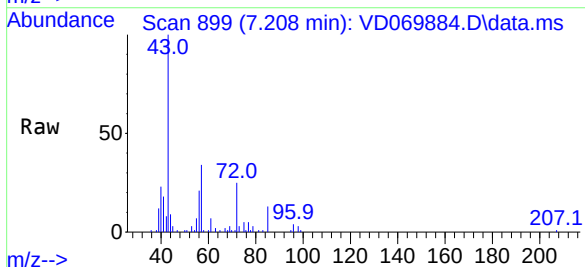


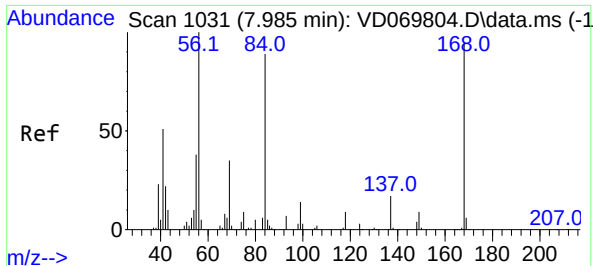
Tgt Ion: 76 Resp: 51320
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#25
2-Butanone
Concen: 46.011 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

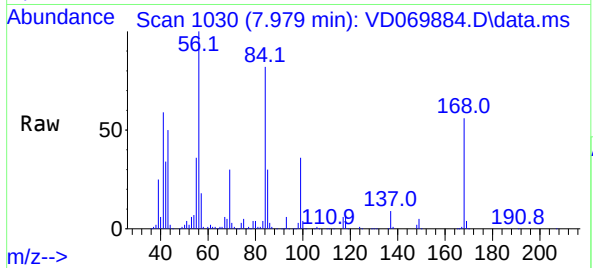
Tgt Ion: 43 Resp: 59673
Ion Ratio Lower Upper
43 100
72 25.5 22.8 34.2



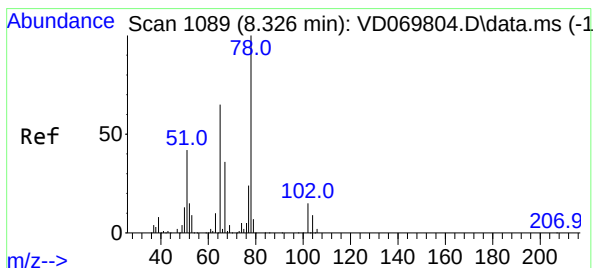
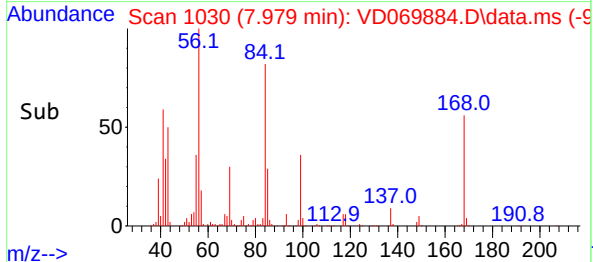
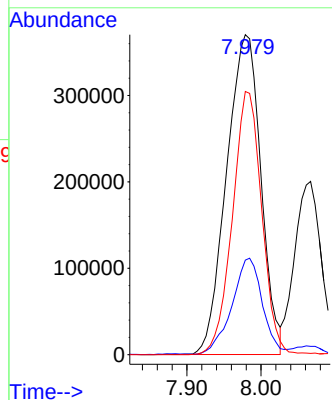


#31
Cyclohexane
Concen: 115.196 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

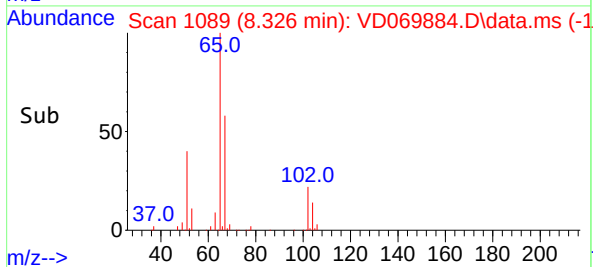
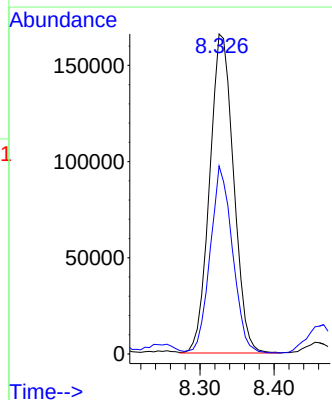
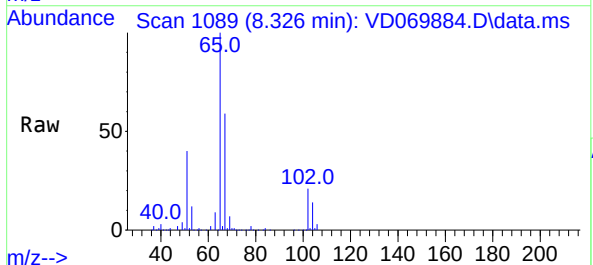


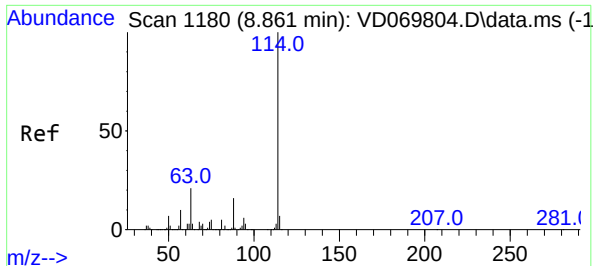
Tgt Ion: 56 Resp: 1191607
Ion Ratio Lower Upper
56 100
69 29.3 27.9 41.9
84 82.3 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 70.348 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 65 Resp: 372428
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.2





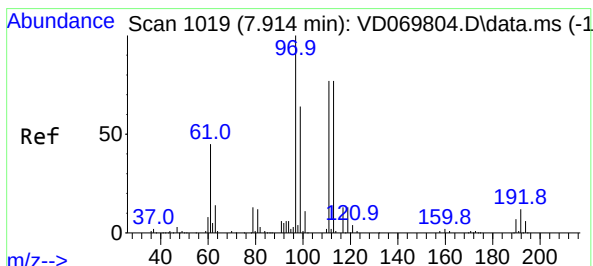
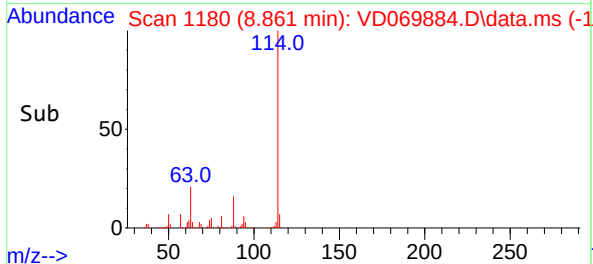
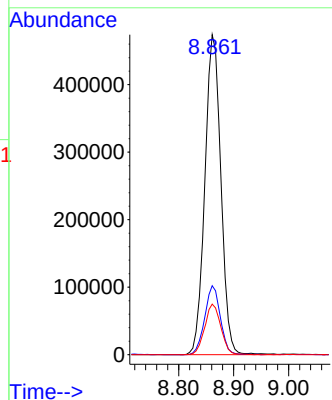
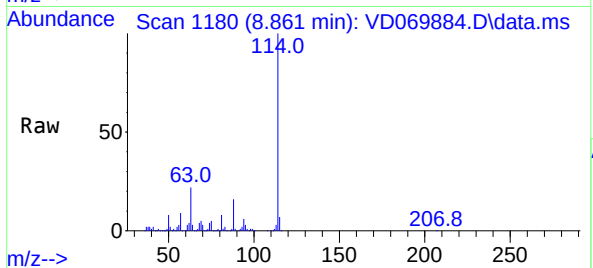
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 960537

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.6
88	15.8	0.0	31.4

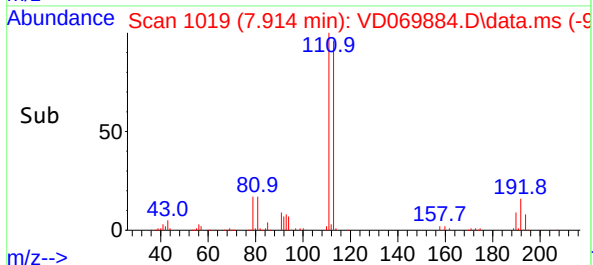
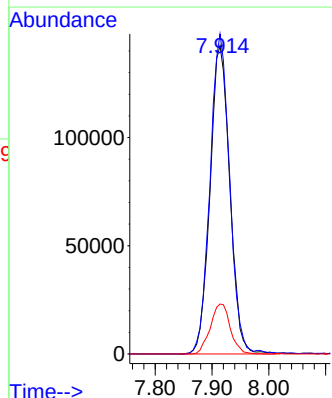
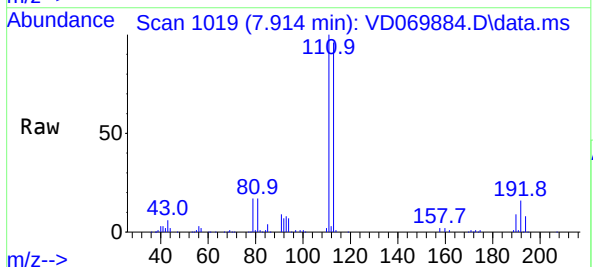


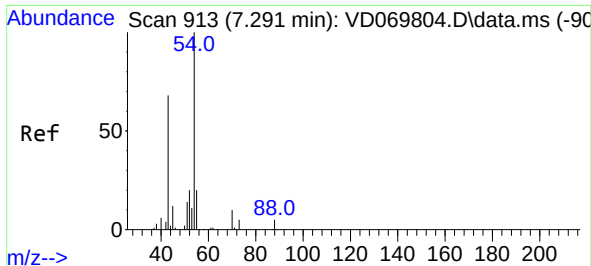
#35

Dibromofluoromethane
Concen: 56.798 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion:113 Resp: 343923

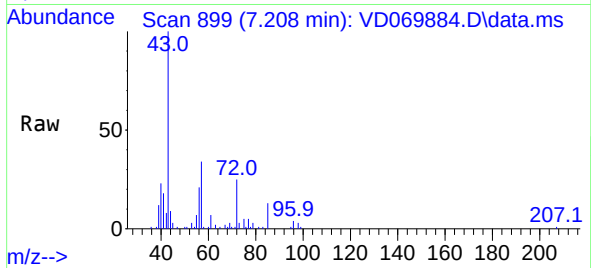
Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.5	120.7
192	16.3	12.6	19.0



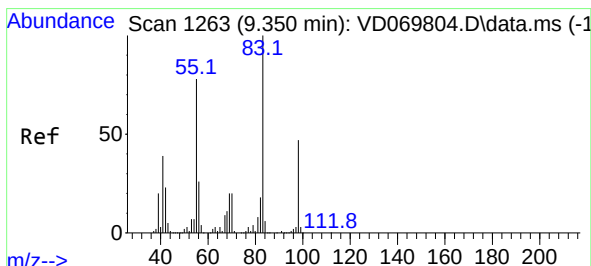
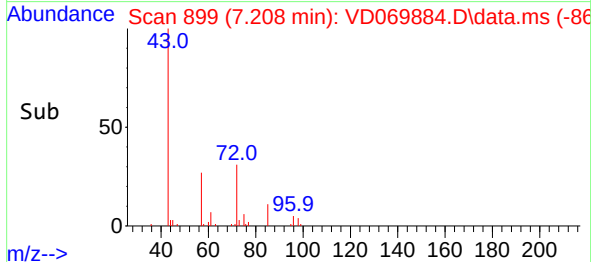
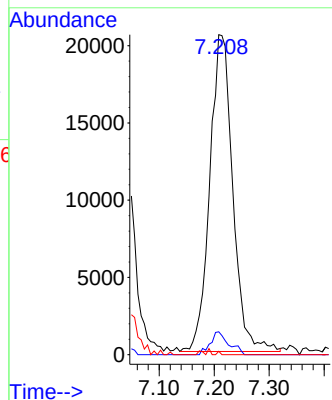


#37
Ethyl Acetate
Concen: 15.813 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.083 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

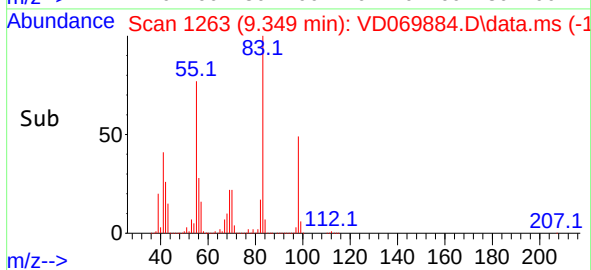
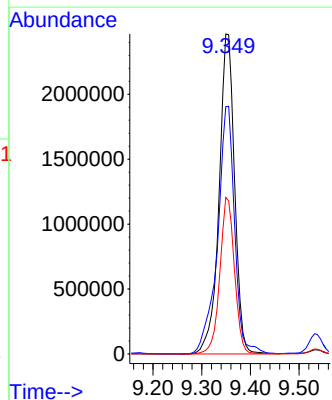
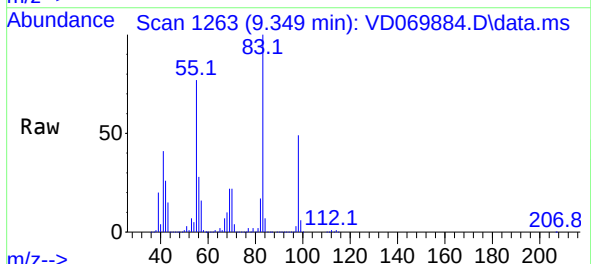


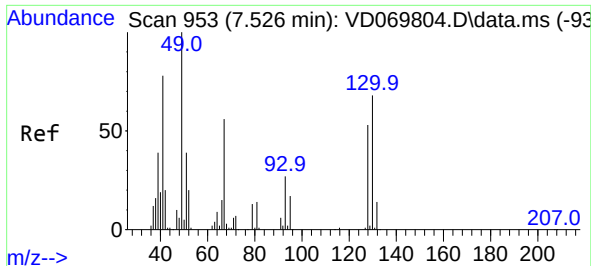
Tgt Ion: 43 Resp: 59673
Ion Ratio Lower Upper
43 100
61 5.8 11.8 17.8#
70 0.0 8.9 13.3#



#39
Methylcyclohexane
Concen: 460.745 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

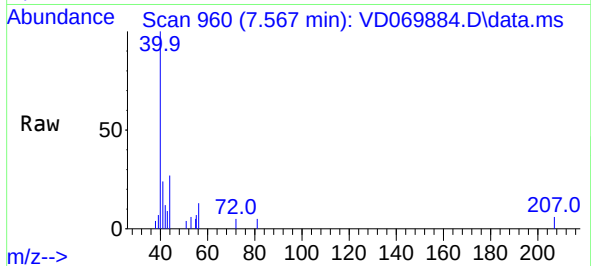
Tgt Ion: 83 Resp: 5469823
Ion Ratio Lower Upper
83 100
55 77.3 62.2 93.2
98 48.9 37.8 56.8



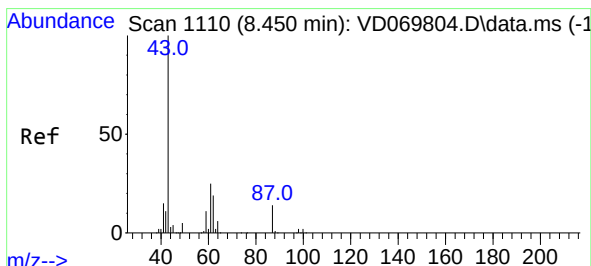
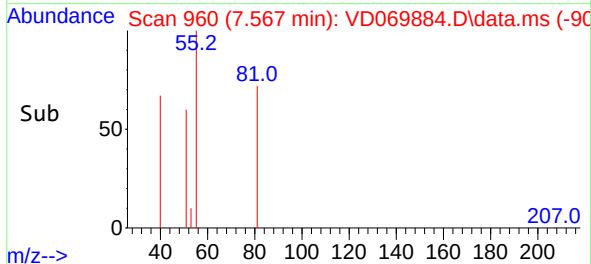
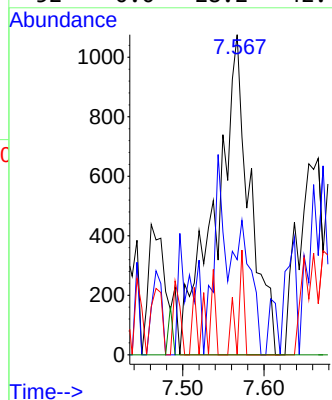


#41
Methacrylonitrile
Concen: 1.576 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.041 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

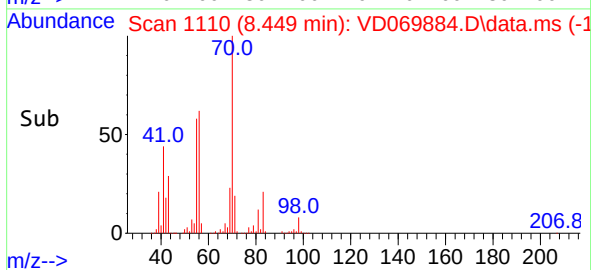
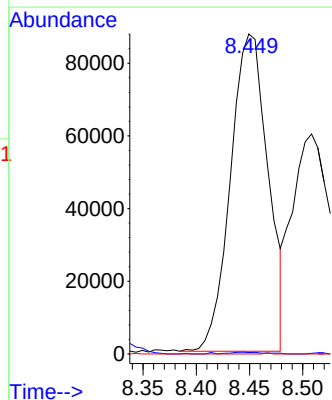
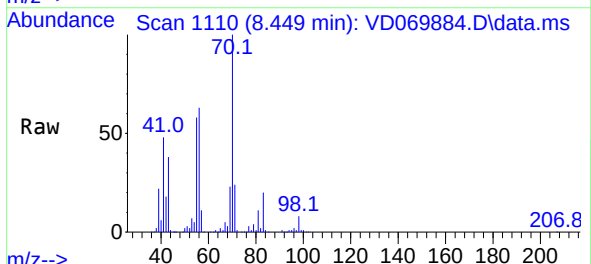


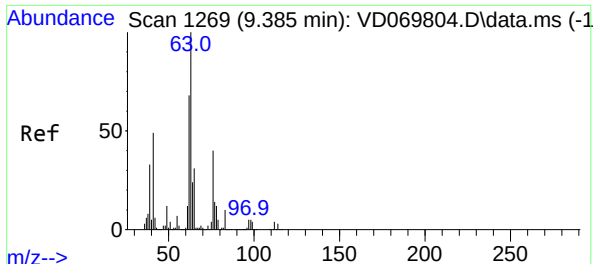
Tgt Ion: 41 Resp: 3122
Ion Ratio Lower Upper
41 100
39 14.1 46.7 70.1#
67 6.1 69.3 103.9#
52 0.0 28.2 42.4#



#43
Isopropyl Acetate
Concen: 31.632 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 43 Resp: 214087
Ion Ratio Lower Upper
43 100
61 0.5 27.8 41.6#
87 0.0 11.3 16.9#

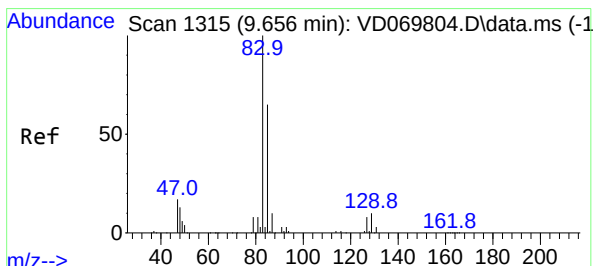
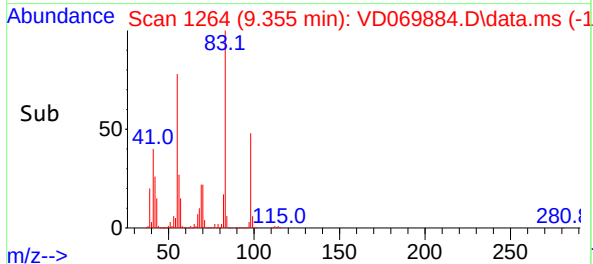
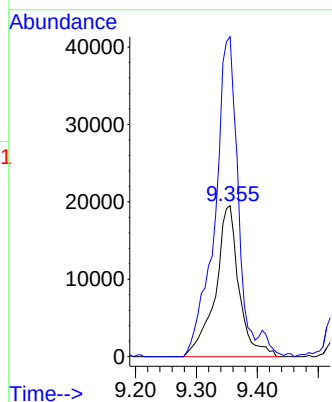
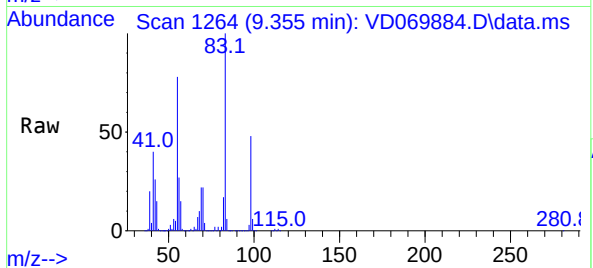




#45
1,2-Dichloropropane
Concen: 6.663 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.030 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

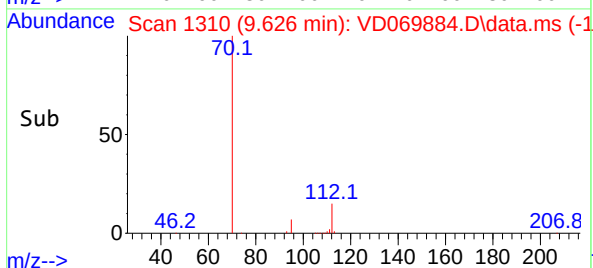
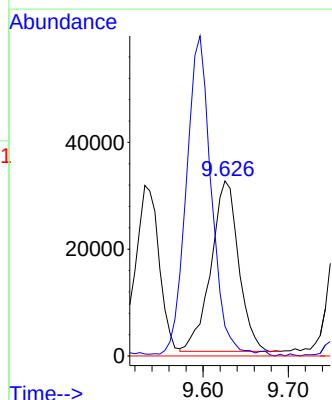
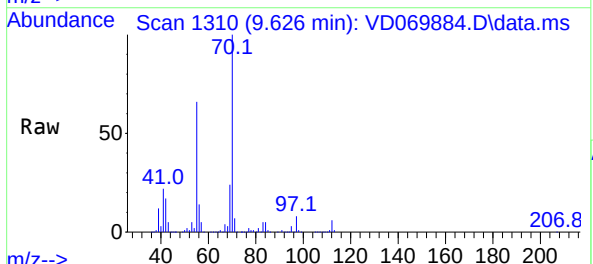
Instrument :
MSVOA_D
ClientSampled :

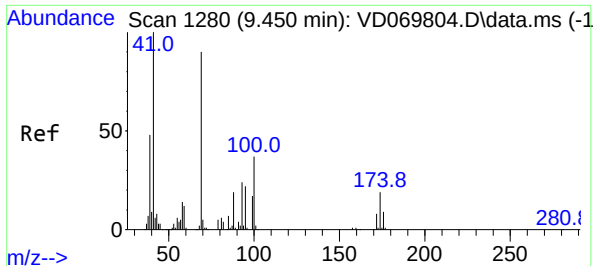
Tgt Ion: 63 Resp: 52562
Ion Ratio Lower Upper
63 100
65 211.8 24.9 37.3#



#47
Bromodichloromethane
Concen: 7.124 ug/l
RT: 9.626 min Scan# 1310
Delta R.T. -0.030 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 83 Resp: 71762
Ion Ratio Lower Upper
83 100
85 16.3 52.0 78.0#
127 0.0 6.6 10.0#

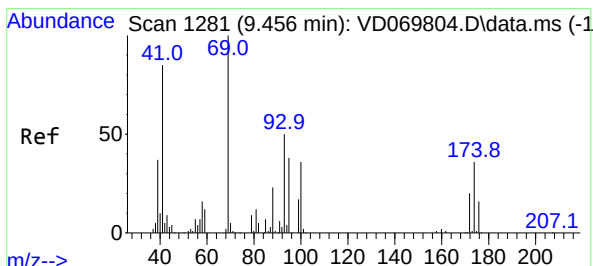
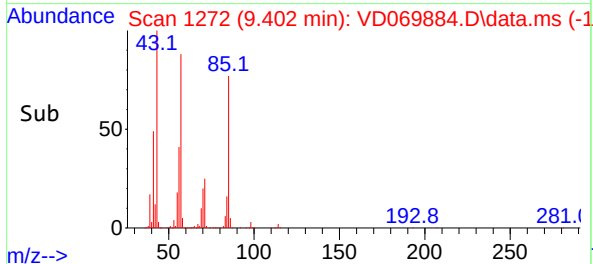
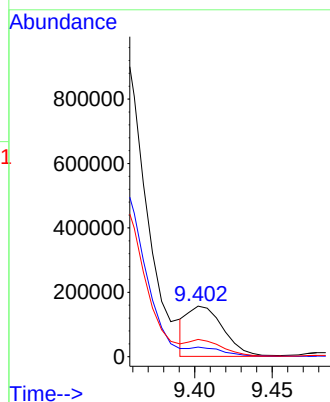
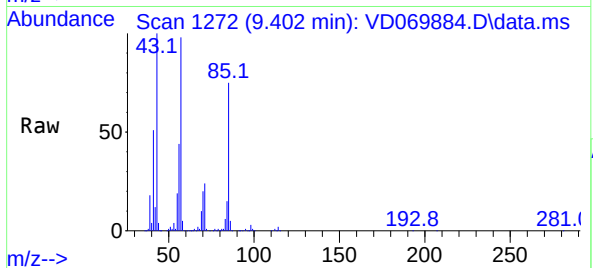




#48
Methyl methacrylate
Concen: 68.740 ug/l
RT: 9.402 min Scan# 1272
Delta R.T. -0.048 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

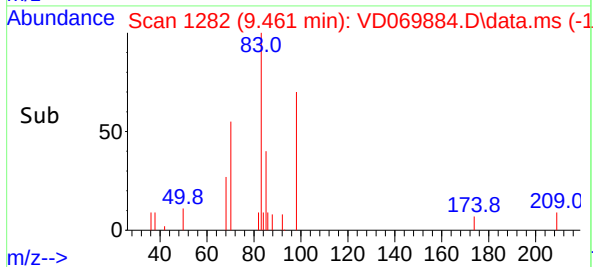
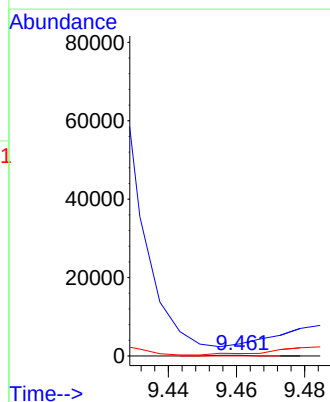
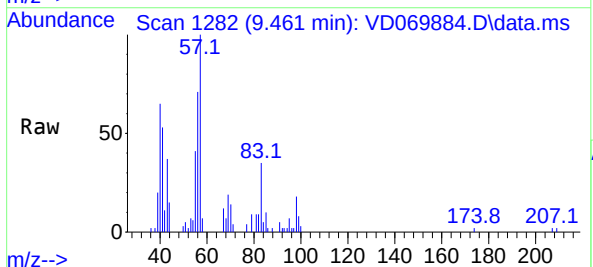
Instrument :
MSVOA_D
ClientSampled :

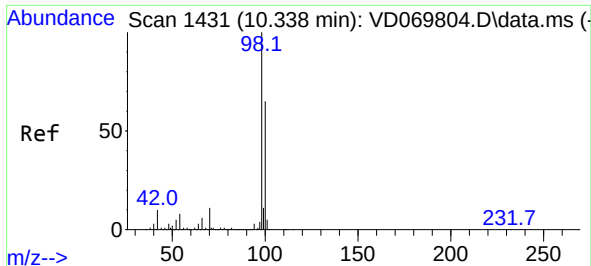
Tgt Ion: 41 Resp: 251635
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#49
1,4-Dioxane
Concen: 3.051 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.005 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 0.0 59.8 89.6#

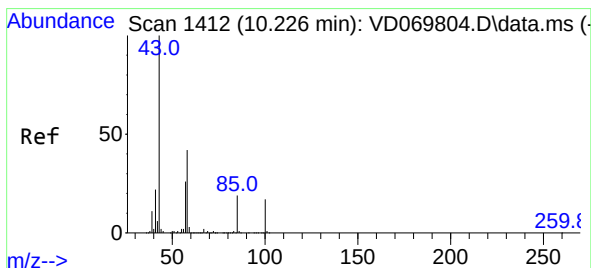
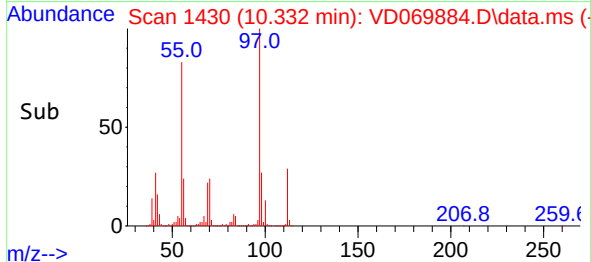
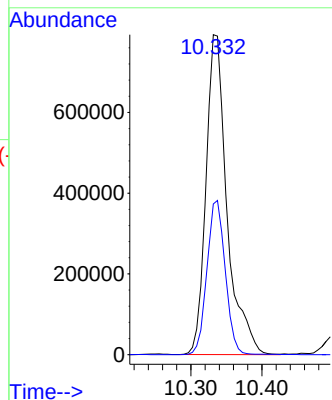
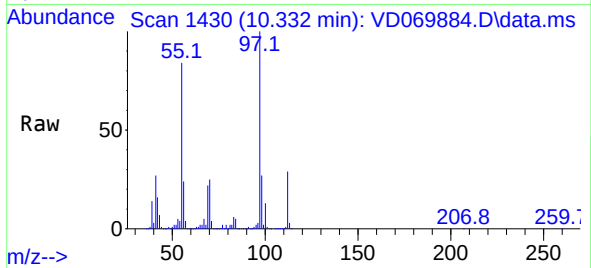




#50
Toluene-d8
Concen: 70.017 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

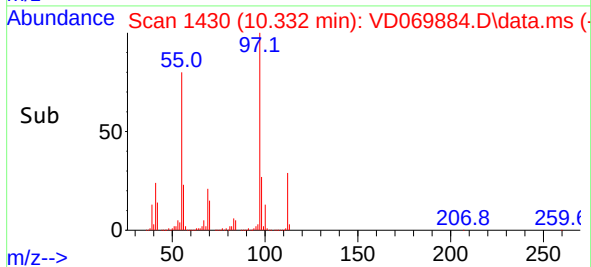
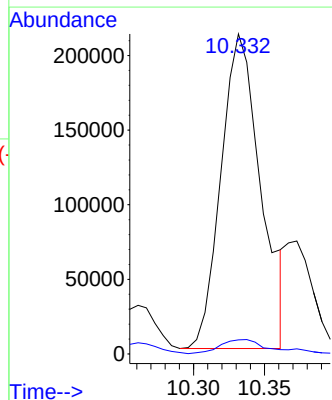
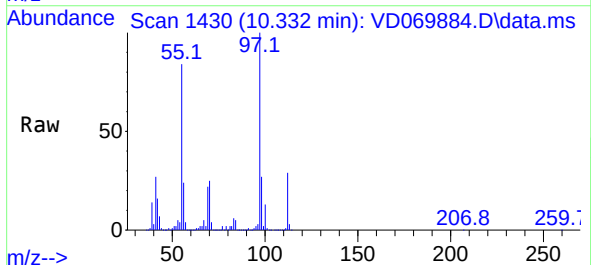
Instrument :
MSVOA_D
ClientSampleId :

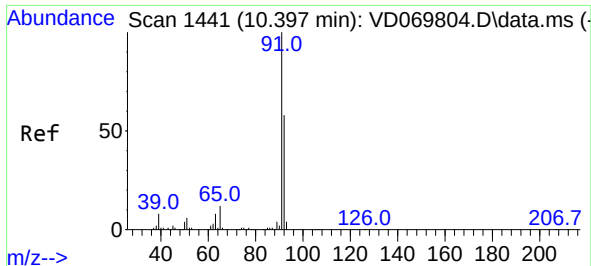
Tgt Ion: 98 Resp: 1634788
Ion Ratio Lower Upper
98 100
100 42.0 51.9 77.9#



#51
4-Methyl-2-Pentanone
Concen: 116.615 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.105 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 43 Resp: 410703
Ion Ratio Lower Upper
43 100
58 6.0 33.7 50.5#

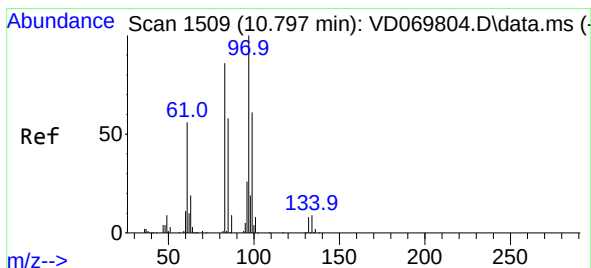
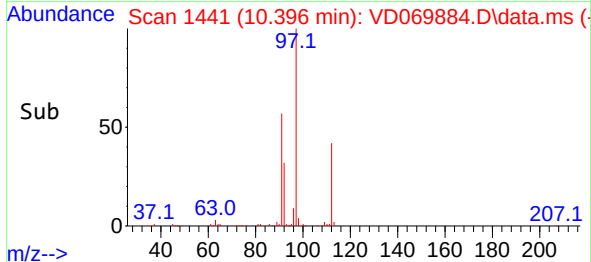
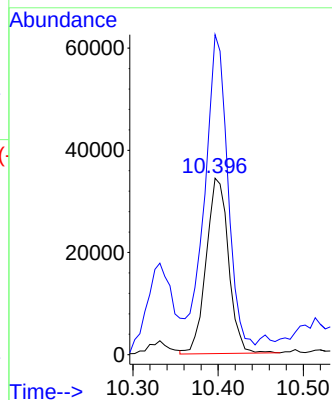
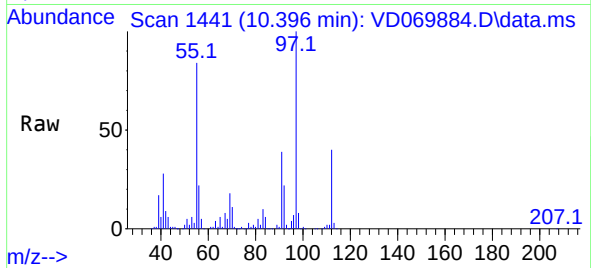




#52
Toluene
Concen: 3.424 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

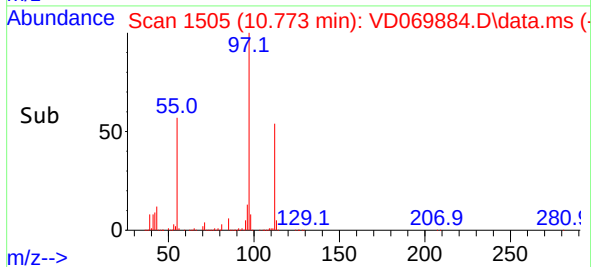
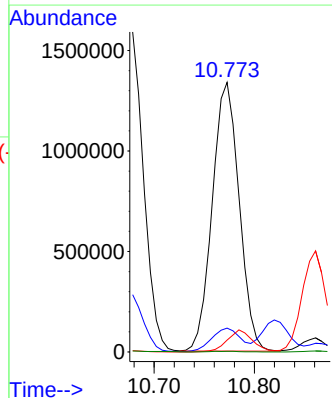
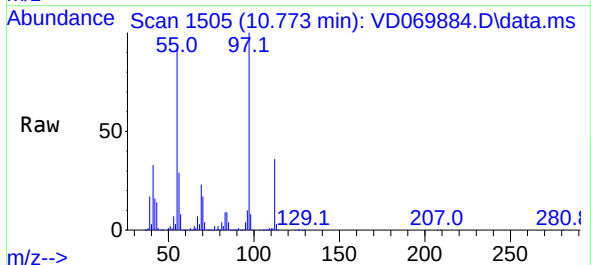
Instrument :
MSVOA_D
ClientSampleId :

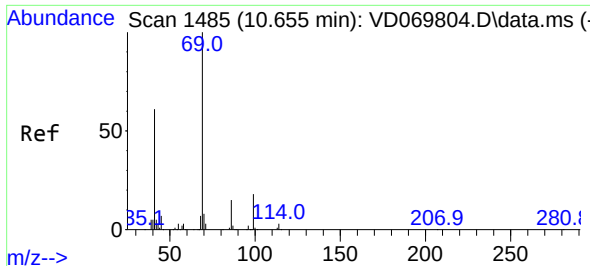
Tgt Ion: 92 Resp: 62374
Ion Ratio Lower Upper
92 100
91 180.0 138.7 208.1



#55
1,1,2-Trichloroethane
Concen: 454.158 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.024 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 97 Resp: 2487249
Ion Ratio Lower Upper
97 100
83 8.8 69.1 103.7#
85 4.4 46.2 69.2#
99 0.3 48.8 73.2#

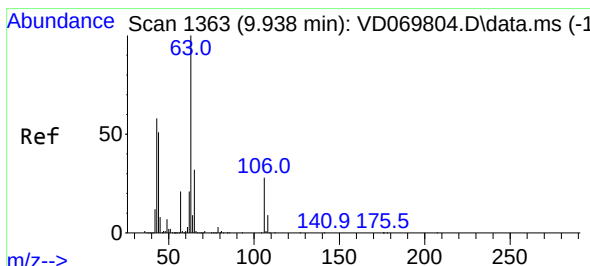
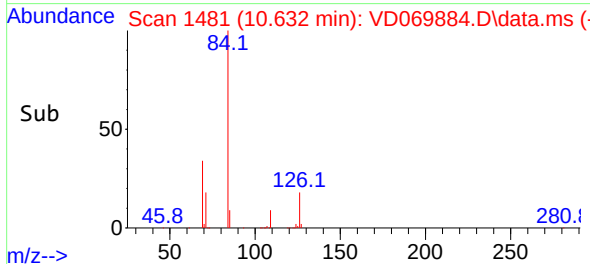
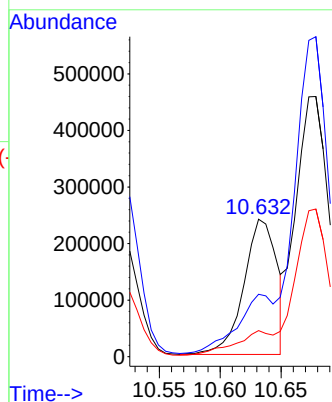
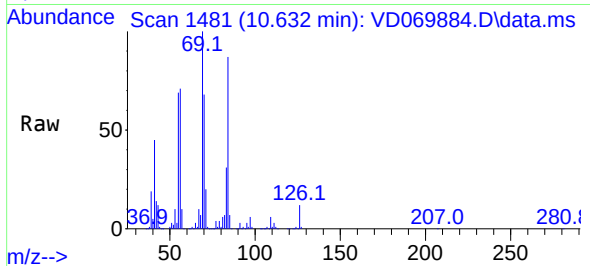




#56
Ethyl methacrylate
Concen: 65.084 ug/l
RT: 10.632 min Scan# 1481
Delta R.T. -0.023 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

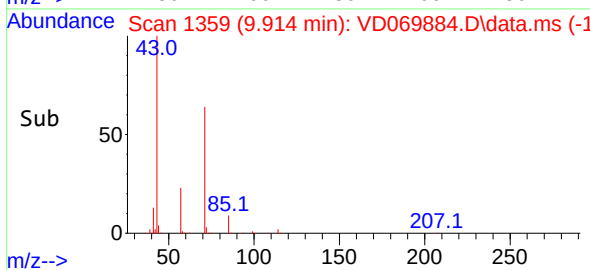
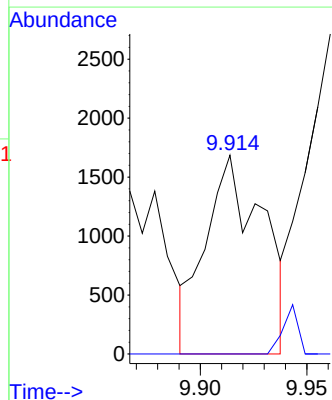
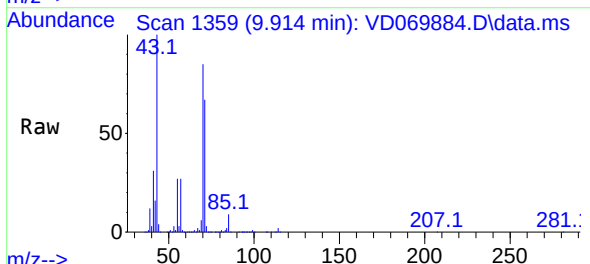
Instrument :
MSVOA_D
ClientSampled :

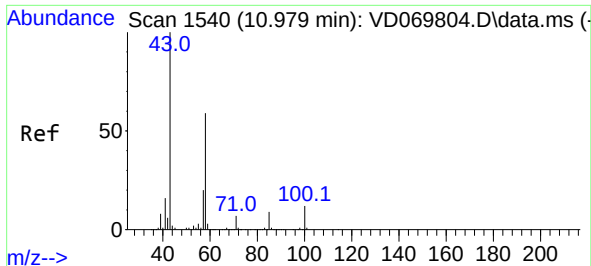
Tgt Ion: 69 Resp: 449324
Ion Ratio Lower Upper
69 100
41 47.6 50.2 75.2#
39 20.3 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.837 ug/l
RT: 9.914 min Scan# 1359
Delta R.T. -0.024 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 63 Resp: 3141
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

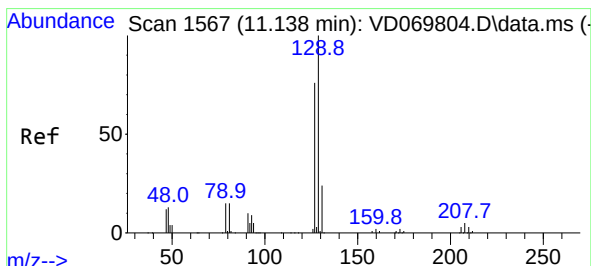
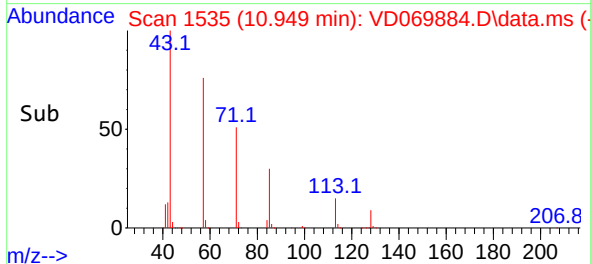
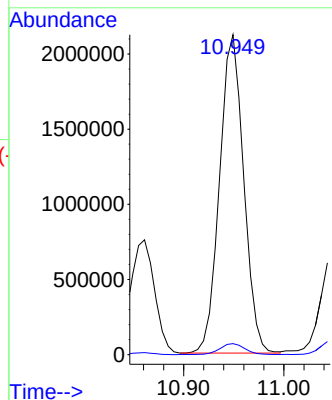
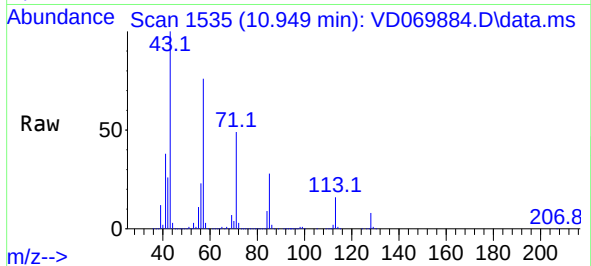




#59
2-Hexanone
Concen: 1519.883 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

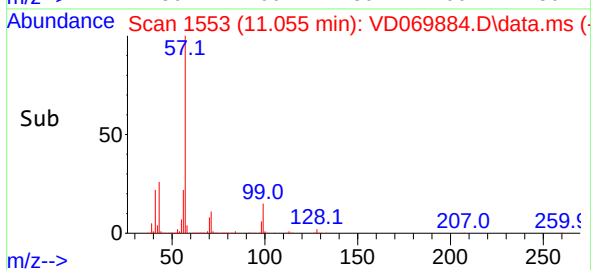
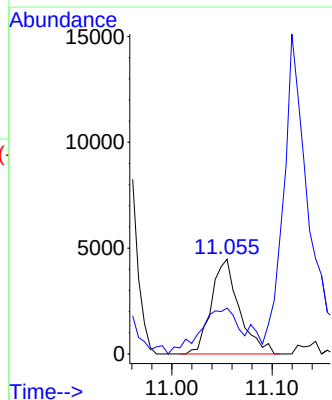
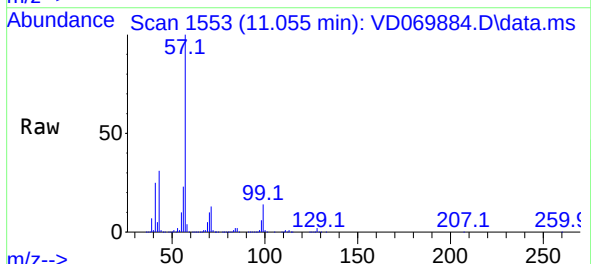
Instrument :
MSVOA_D
ClientSampleId :

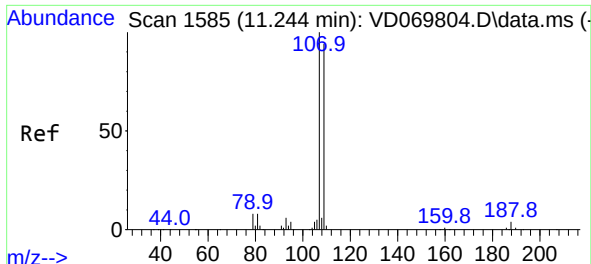
Tgt Ion: 43 Resp: 3540668
Ion Ratio Lower Upper
43 100
58 3.5 29.4 88.3#



#60
Dibromochloromethane
Concen: 1.396 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.083 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion:129 Resp: 8659
Ion Ratio Lower Upper
129 100
127 65.0 38.7 116.1

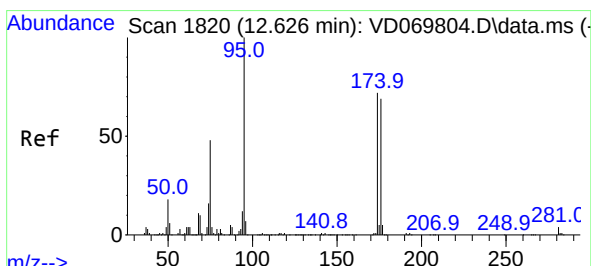
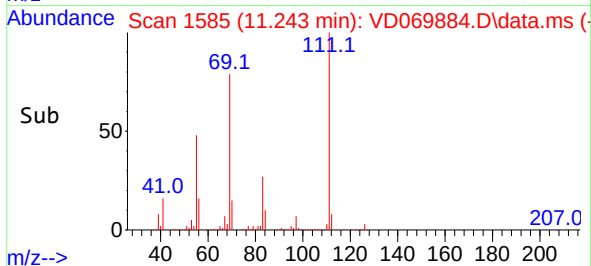
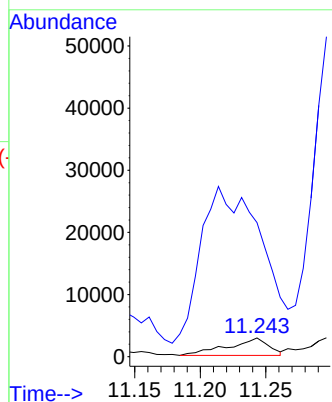
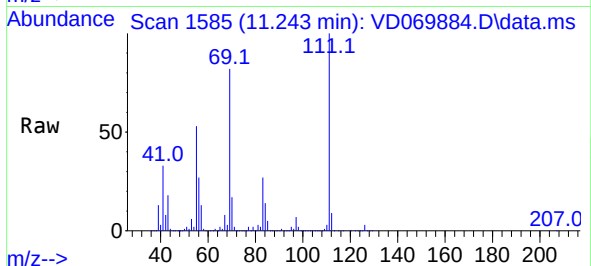




#61
1,2-Dibromoethane
Concen: 1.228 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

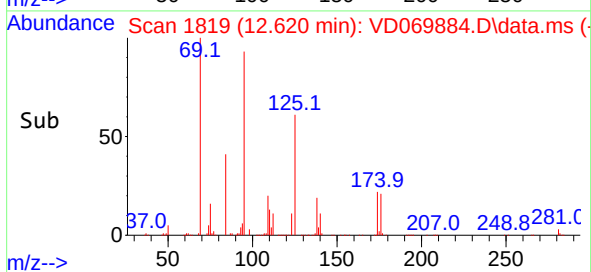
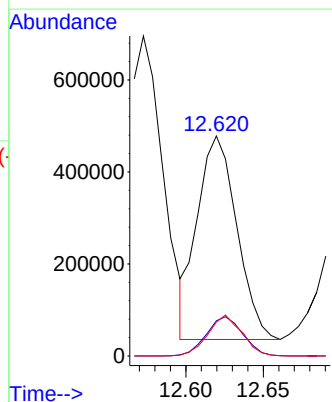
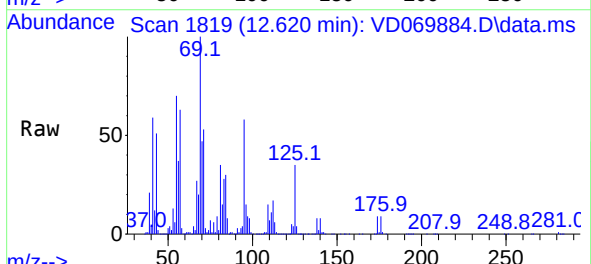
Instrument :
MSVOA_D
ClientSampleId :

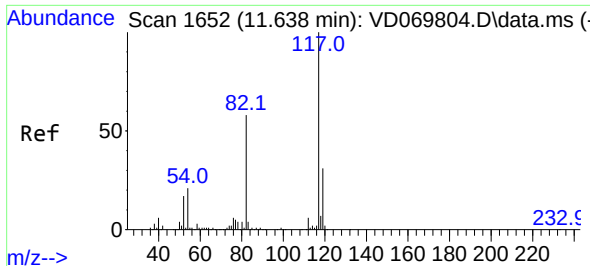
Tgt Ion:107 Resp: 6054
Ion Ratio Lower Upper
107 100
109 0.0 74.5 111.7#



#62
4-Bromofluorobenzene
Concen: 100.680 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

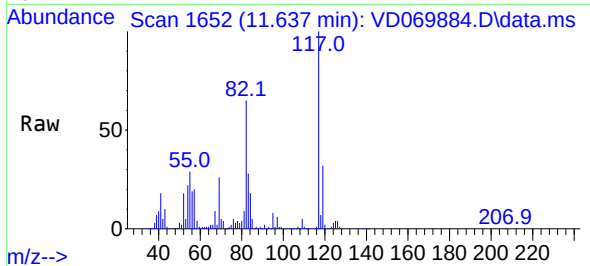
Tgt Ion: 95 Resp: 785624
Ion Ratio Lower Upper
95 100
174 17.8 0.0 142.6
176 17.3 0.0 134.2



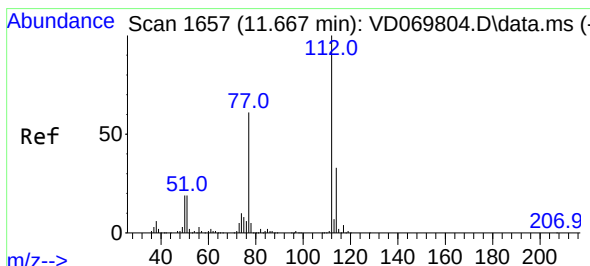
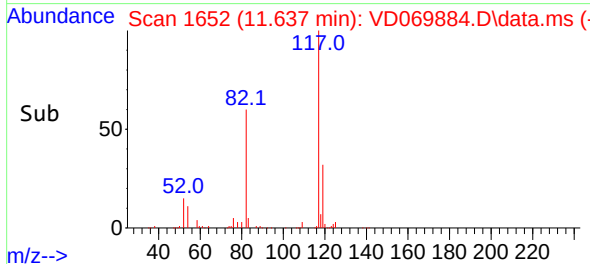
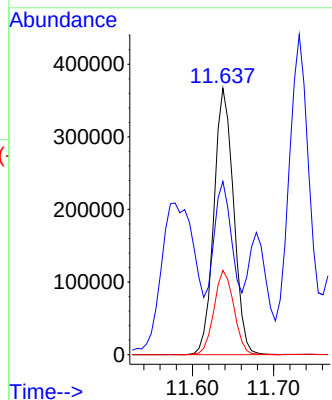


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

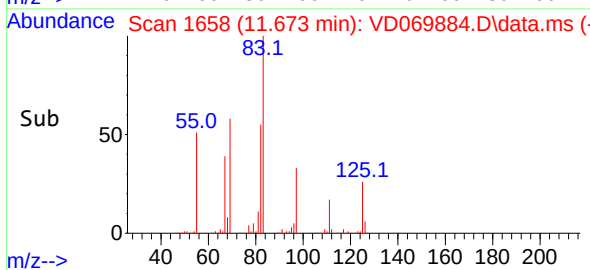
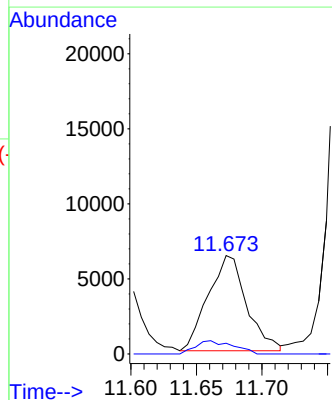
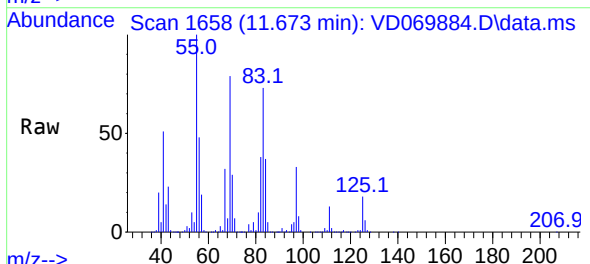


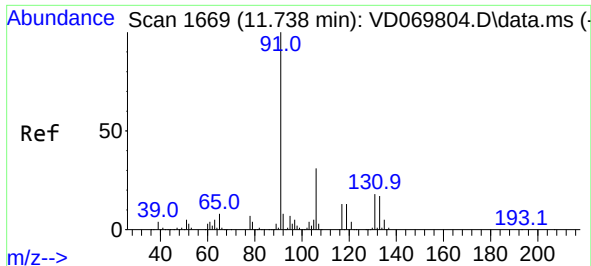
Tgt Ion:117 Resp: 618418
Ion Ratio Lower Upper
117 100
82 44.5 46.3 69.5#
119 31.7 24.7 37.1



#65
Chlorobenzene
Concen: 1.012 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.005 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion:112 Resp: 12963
Ion Ratio Lower Upper
112 100
114 11.2 26.5 39.7#

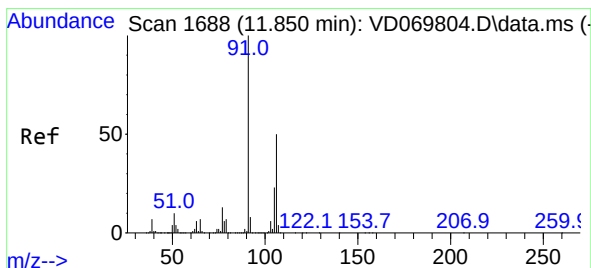
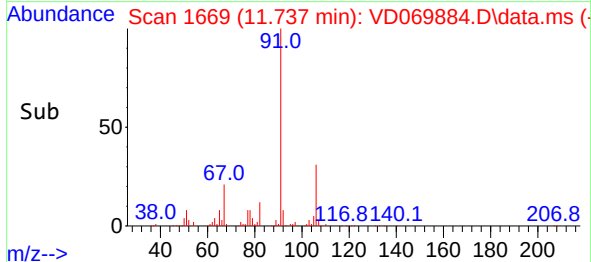
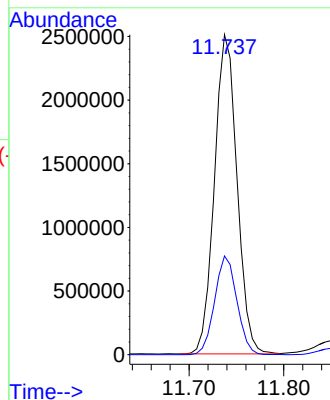
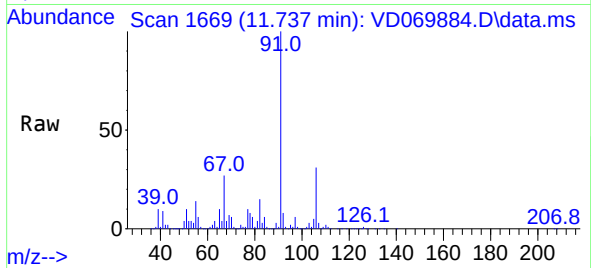




#67
Ethyl Benzene
Concen: 184.195 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

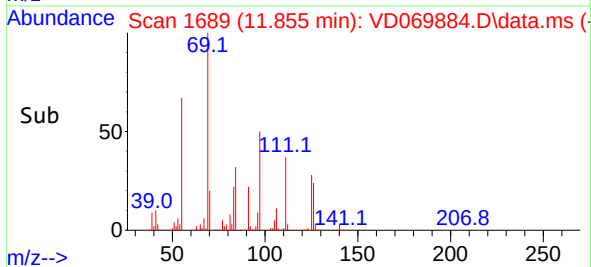
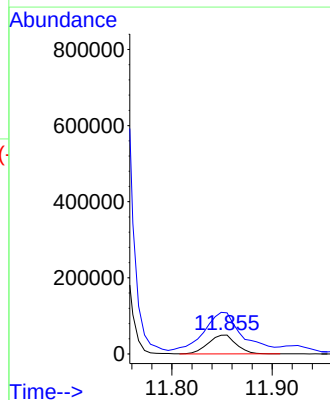
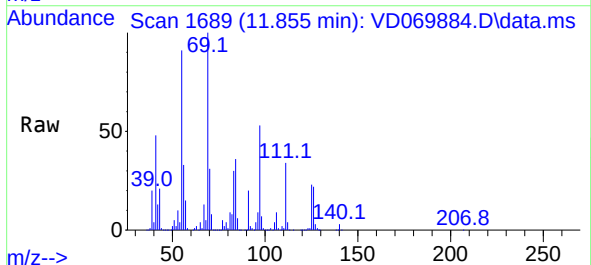
Instrument :
MSVOA_D
ClientSampleId :

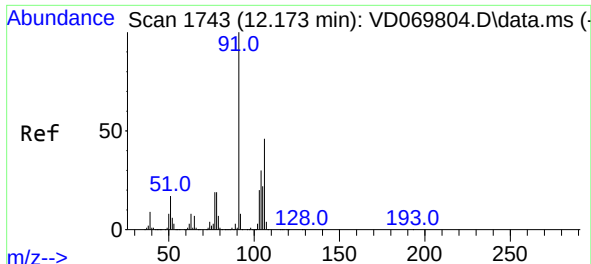
Tgt Ion: 91 Resp: 4154876
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 10.920 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion:106 Resp: 95489
Ion Ratio Lower Upper
106 100
91 261.8 162.4 243.6#

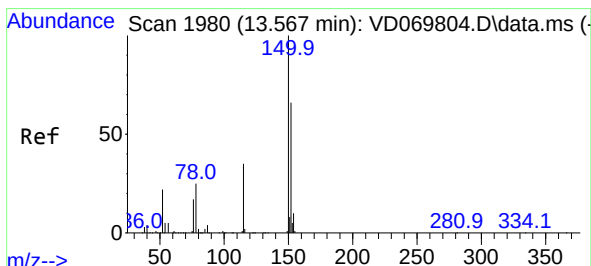
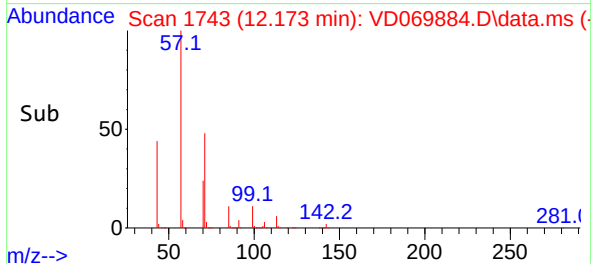
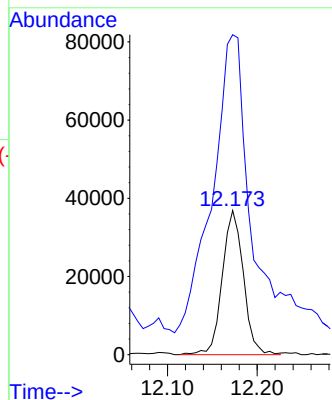
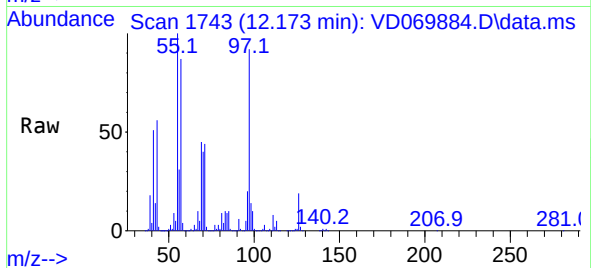




#69
o-Xylene
Concen: 7.598 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

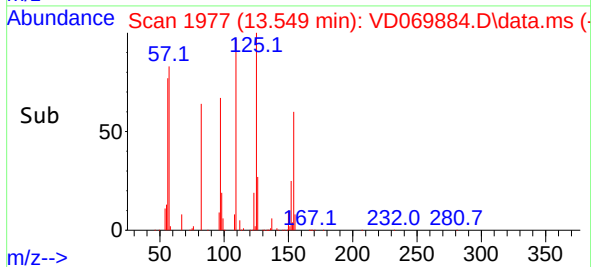
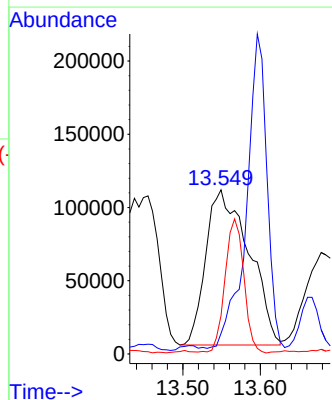
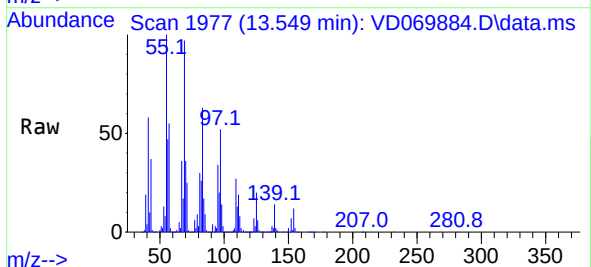
Instrument :
MSVOA_D
ClientSampleId :

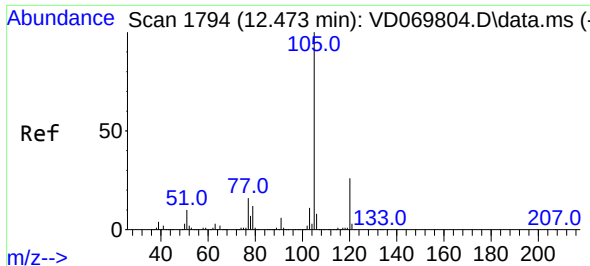
Tgt Ion:106 Resp: 60403
Ion Ratio Lower Upper
106 100
91 387.8 107.6 322.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.018 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

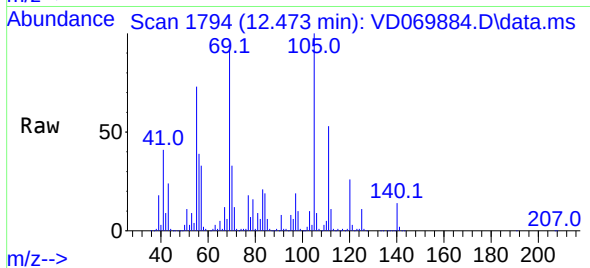
Tgt Ion:152 Resp: 409170
Ion Ratio Lower Upper
152 100
115 0.0 31.1 93.3#
150 37.9 0.0 343.0



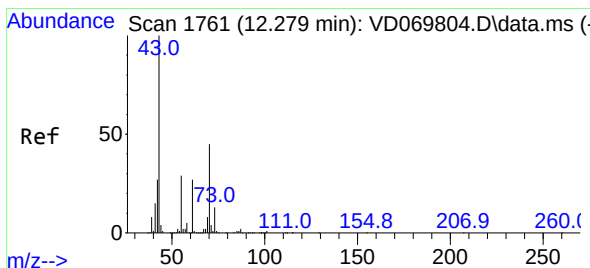
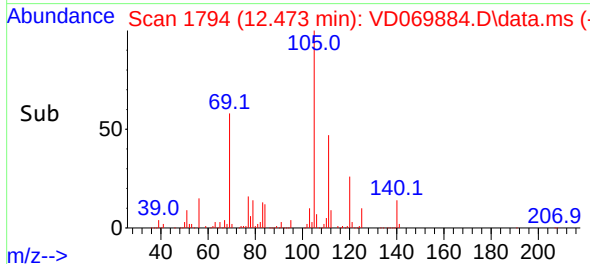
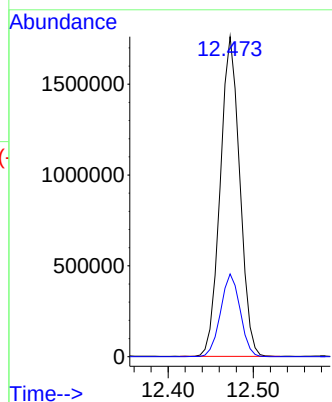


#73
Isopropylbenzene
Concen: 95.520 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

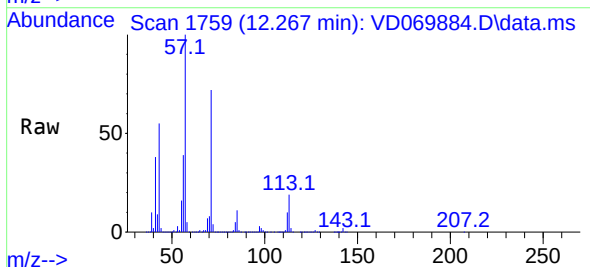
Instrument :
MSVOA_D
ClientSampled :



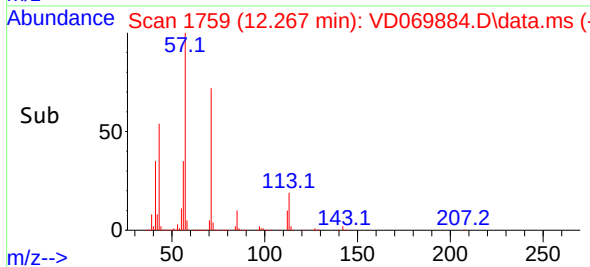
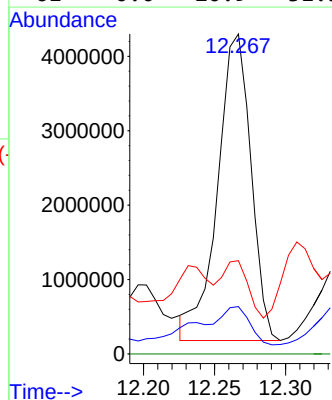
Tgt Ion:105 Resp: 2808217
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

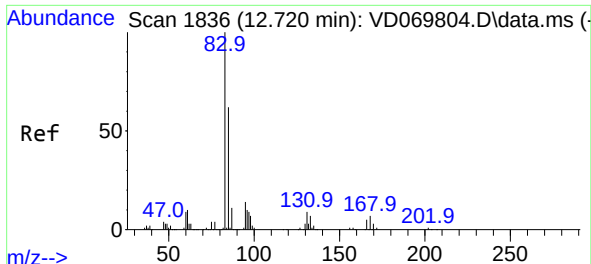


#74
N-ethyl acetate
Concen: 1115.447 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34



Tgt Ion: 43 Resp: 6745327
Ion Ratio Lower Upper
43 100
70 19.7 37.9 56.9#
55 14.2 23.7 35.5#
61 0.0 20.9 31.3#

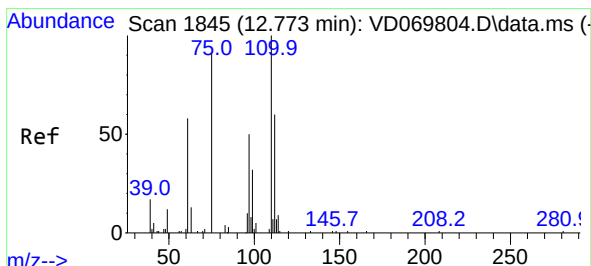
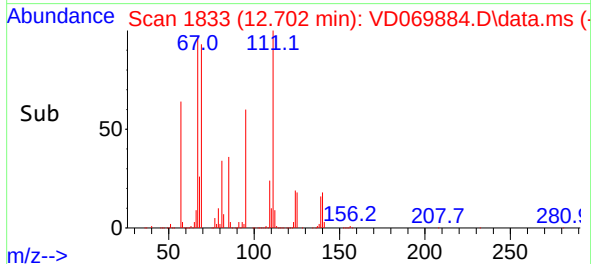
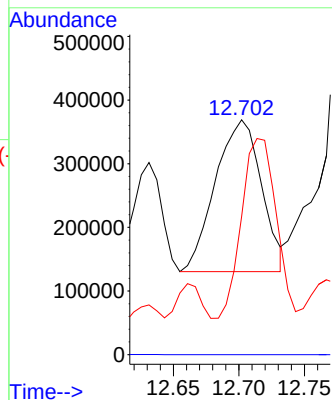
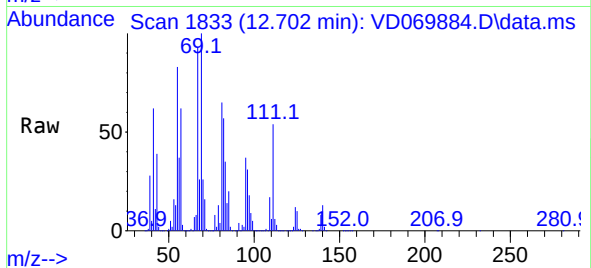




#75
1,1,2,2-Tetrachloroethane
Concen: 99.149 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

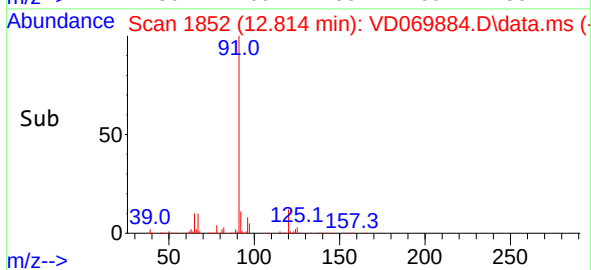
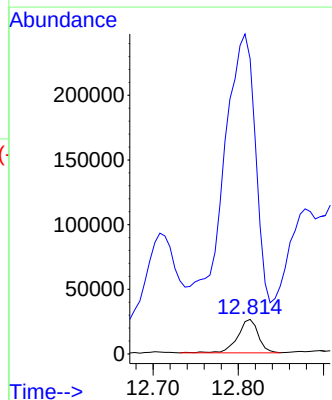
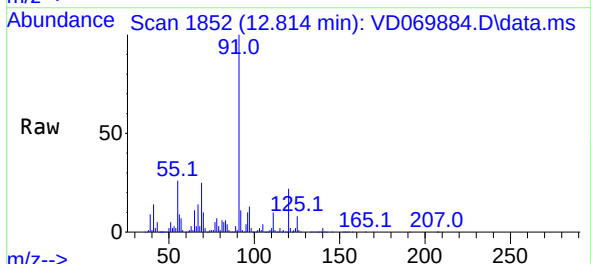
Instrument :
MSVOA_D
ClientSampleId :

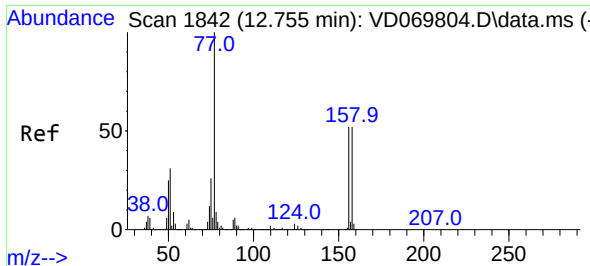
Tgt Ion: 83 Resp: 582125
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6#
85 88.6 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 10.099 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 75 Resp: 43921
Ion Ratio Lower Upper
75 100
77 1144.7 181.5 544.5#

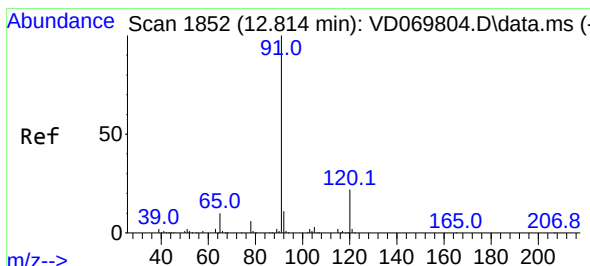
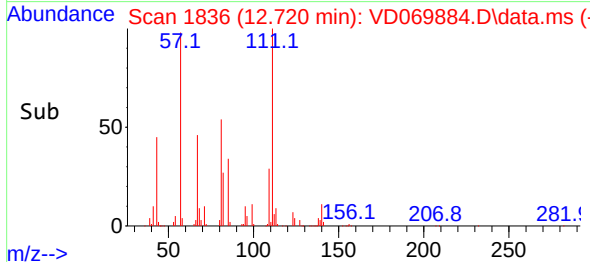
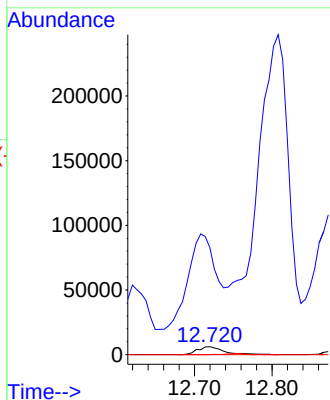
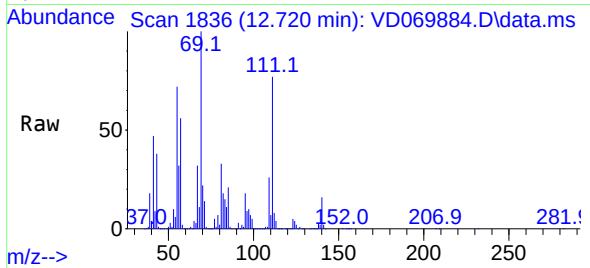




#77
Bromobenzene
Concen: 2.216 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.036 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

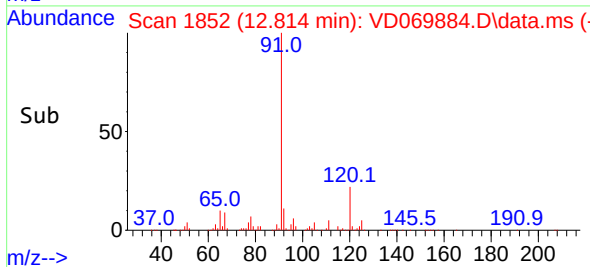
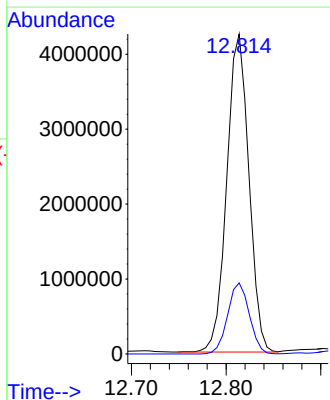
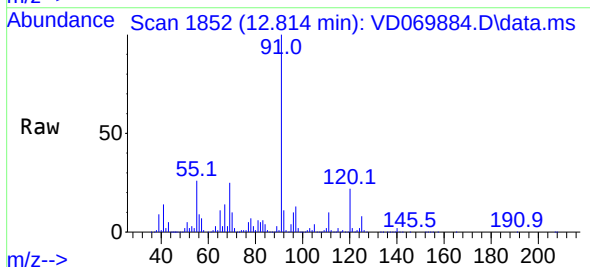
Instrument :
MSVOA_D
ClientSampleId :

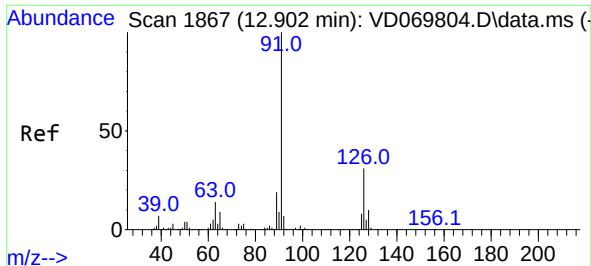
Tgt Ion:156 Resp: 14673
Ion Ratio Lower Upper
156 100
77 1264.0 107.1 321.3#
158 0.0 48.1 144.3#



#78
n-propylbenzene
Concen: 182.234 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 91 Resp: 6881139
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.7

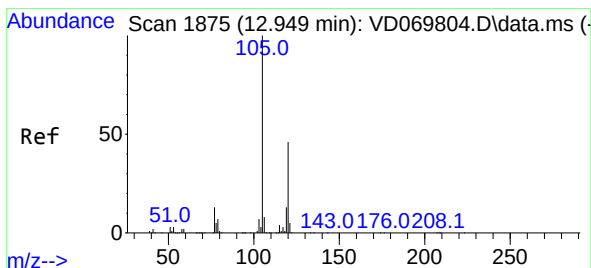
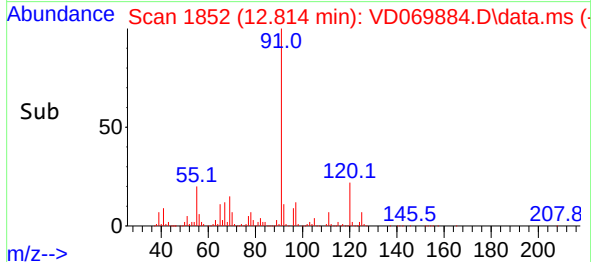
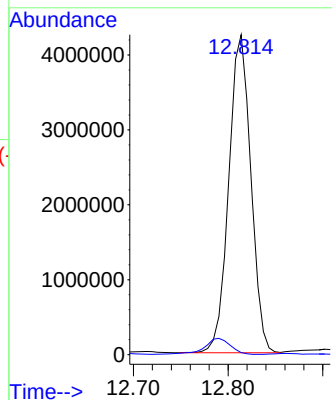
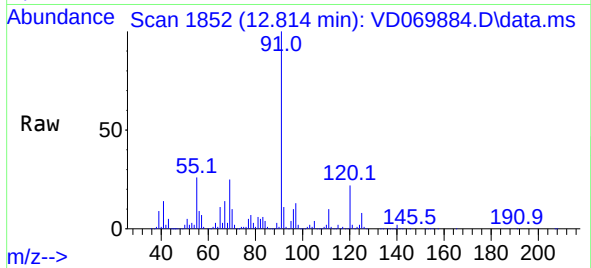




#79
2-Chlorotoluene
Concen: 313.734 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.089 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

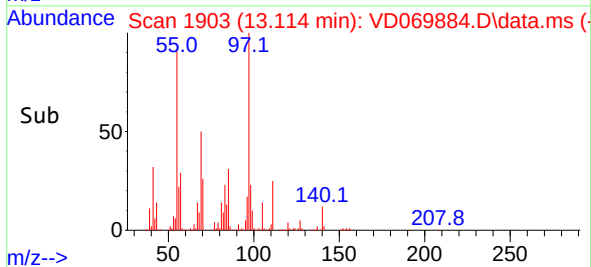
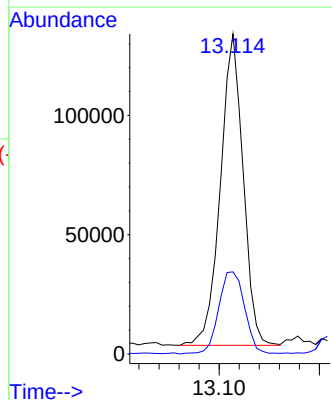
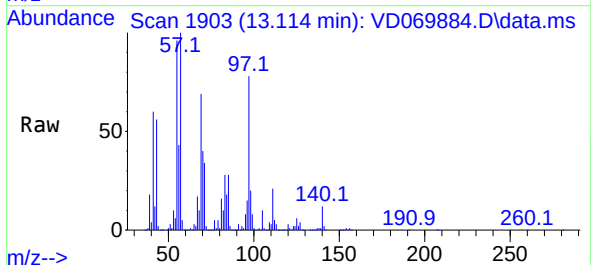
Instrument :
MSVOA_D
ClientSampled :

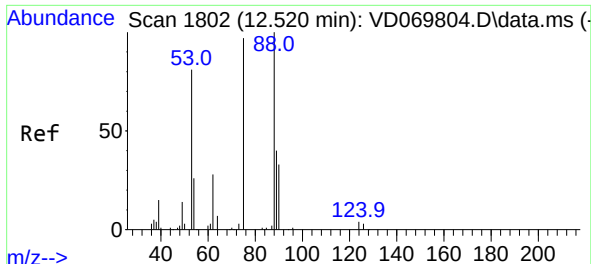
Tgt Ion: 91 Resp: 6881139
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#



#80
1,3,5-Trimethylbenzene
Concen: 8.151 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. 0.164 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion:105 Resp: 204979
Ion Ratio Lower Upper
105 100
120 30.2 23.8 71.2

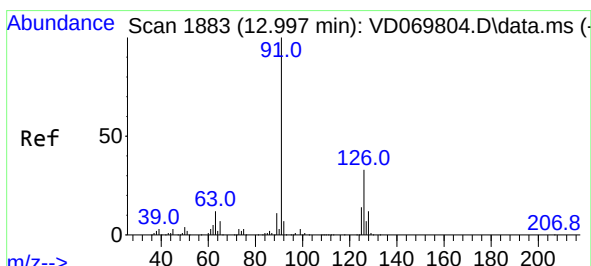
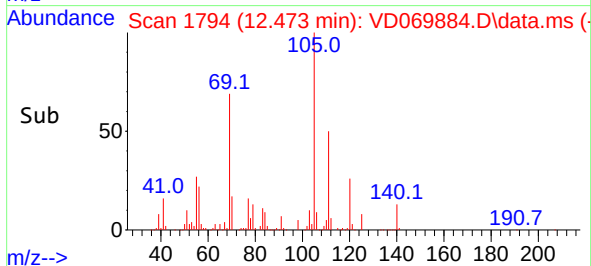
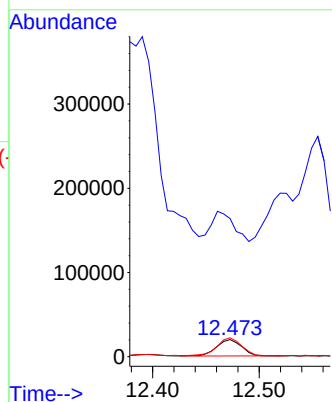
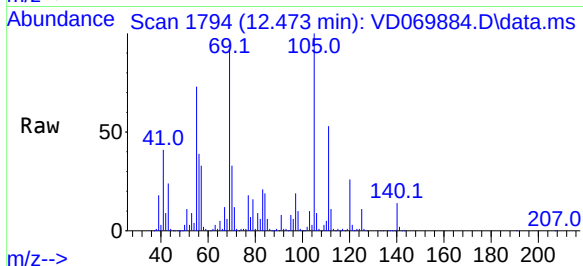




#81
trans-1,4-Dichloro-2-butene
Concen: 22.017 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.047 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

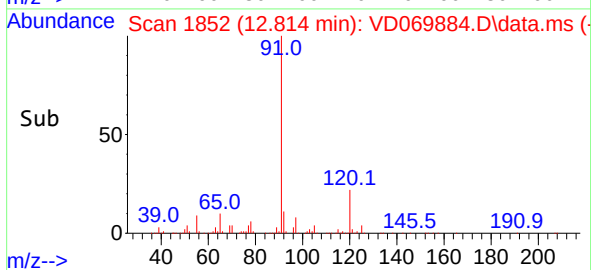
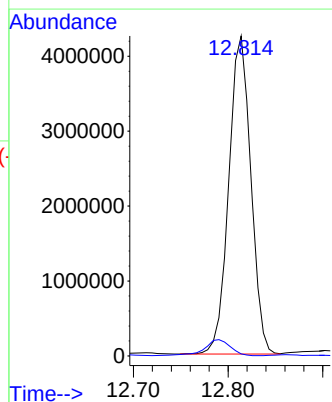
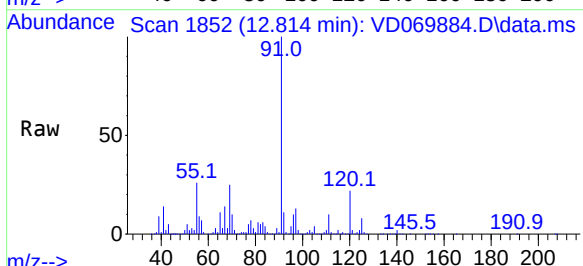
Instrument :
MSVOA_D
ClientSampleId :

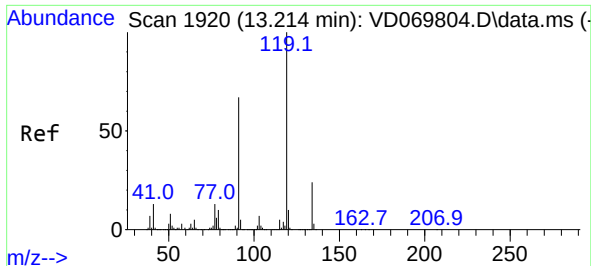
Tgt Ion: 75 Resp: 31563
Ion Ratio Lower Upper
75 100
53 152.4 67.2 100.8#
89 104.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 300.092 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.183 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 91 Resp: 6881139
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.6#

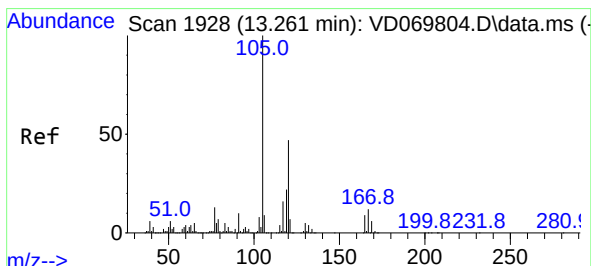
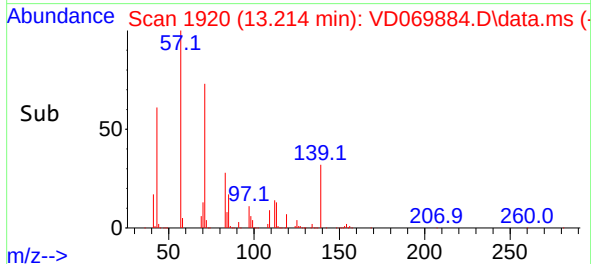
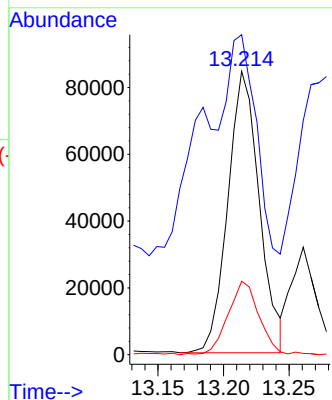
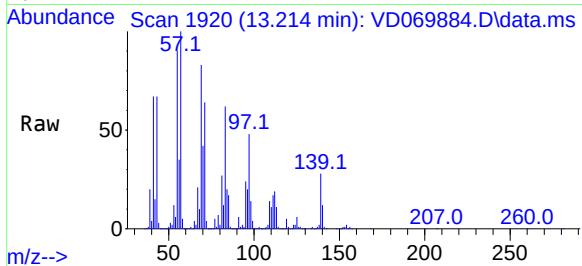




#83
tert-Butylbenzene
Concen: 6.894 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

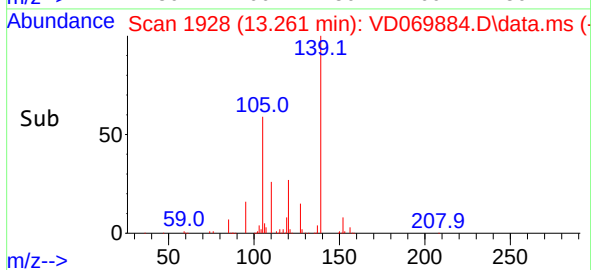
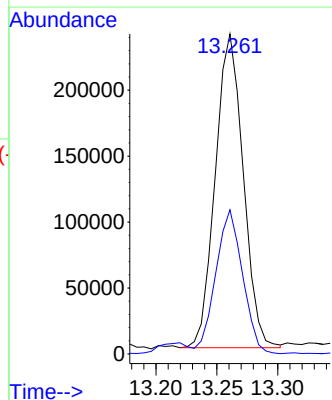
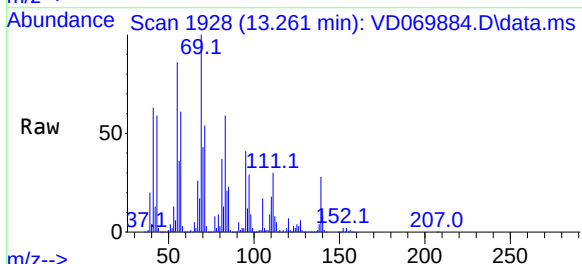
Instrument :
MSVOA_D
ClientSampleId :

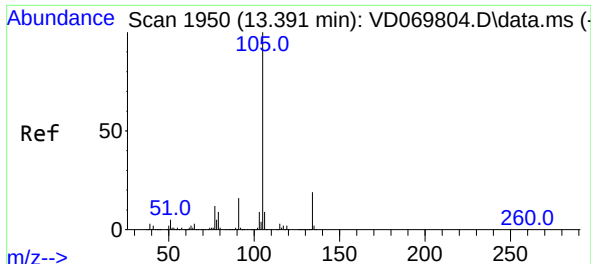
Tgt Ion:119 Resp: 140959
Ion Ratio Lower Upper
119 100
91 70.7 33.7 101.1
134 0.0 13.3 39.8#



#84
1,2,4-Trimethylbenzene
Concen: 15.284 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion:105 Resp: 379192
Ion Ratio Lower Upper
105 100
120 44.0 22.6 67.8

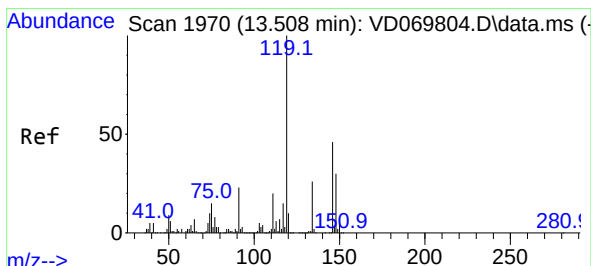
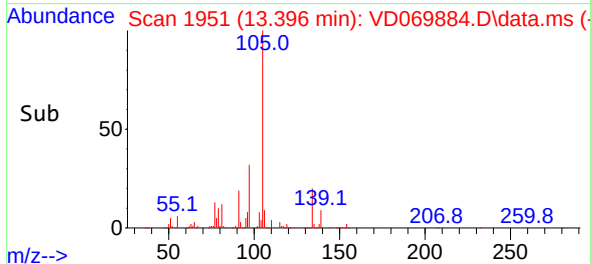
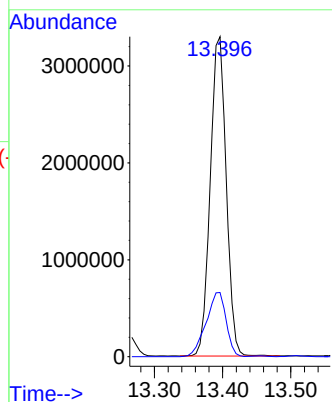
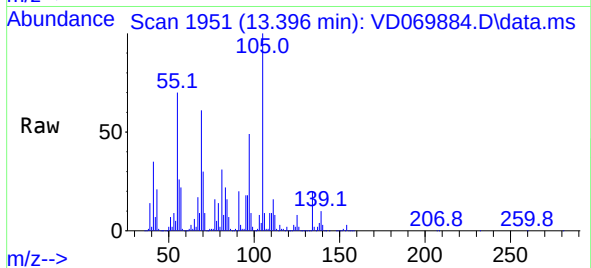




#85
 sec-Butylbenzene
 Concen: 166.254 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.005 min
 Lab File: VD069884.D
 Acq: 28 Jul 2021 12:34

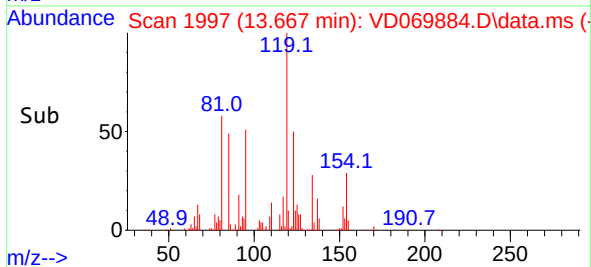
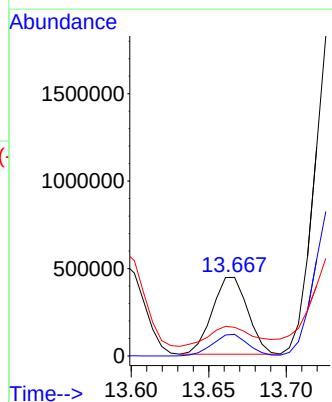
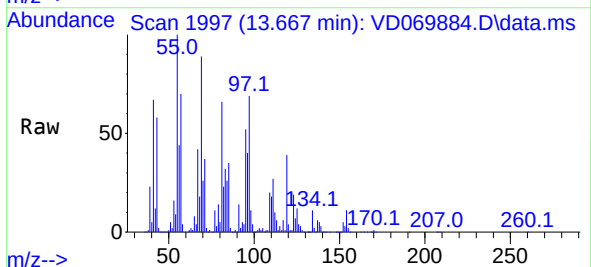
Instrument :
 MSVOA_D
 ClientSampleId :

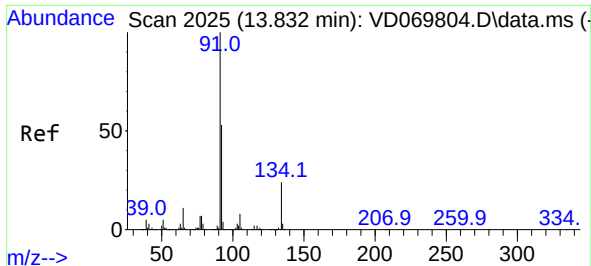
Tgt Ion:105 Resp: 5374097
 Ion Ratio Lower Upper
 105 100
 134 25.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 26.622 ug/l
 RT: 13.667 min Scan# 1997
 Delta R.T. 0.158 min
 Lab File: VD069884.D
 Acq: 28 Jul 2021 12:34

Tgt Ion:119 Resp: 699117
 Ion Ratio Lower Upper
 119 100
 134 28.4 12.6 37.8
 91 31.8 11.7 35.1

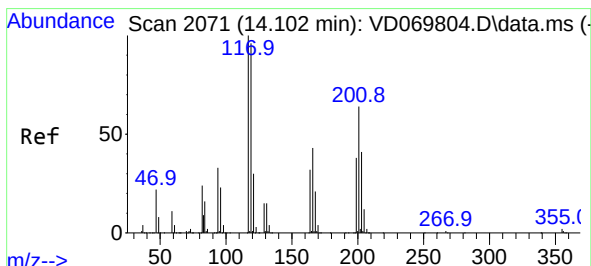
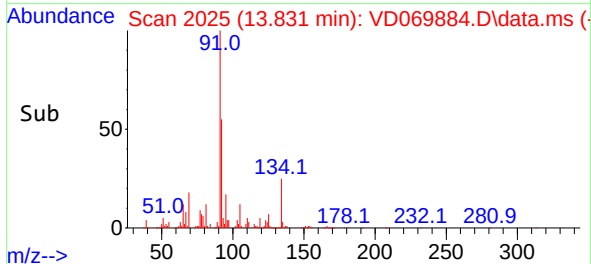
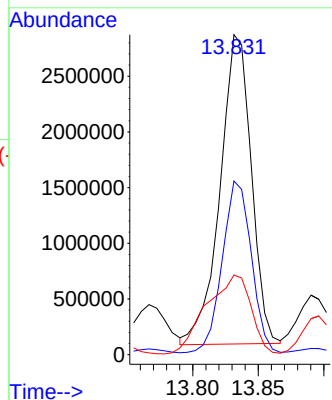
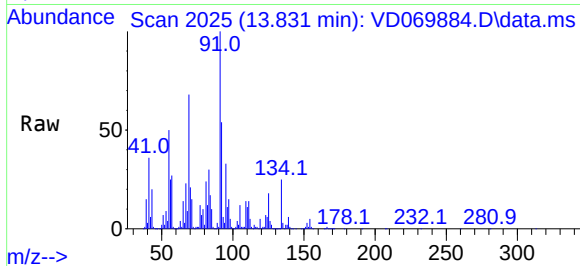




#89
n-Butylbenzene
Concen: 177.654 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

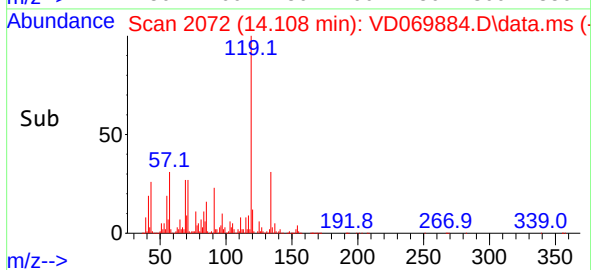
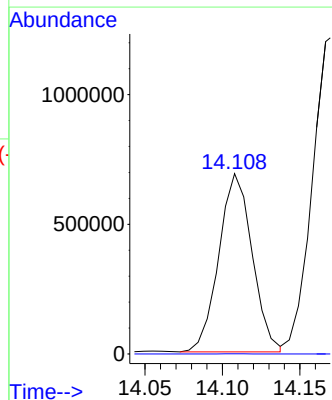
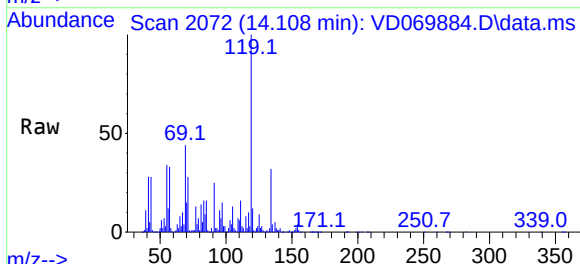
Instrument :
MSVOA_D
ClientSampleId :

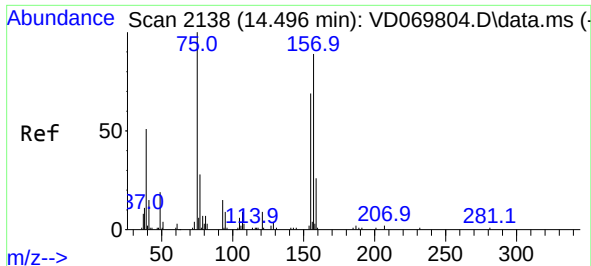
Tgt Ion: 91 Resp: 4604287
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 36.9 11.9 35.7#



#90
Hexachloroethane
Concen: 185.227 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.005 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

Tgt Ion: 117 Resp: 1030389
Ion Ratio Lower Upper
117 100
201 0.1 31.9 95.5#

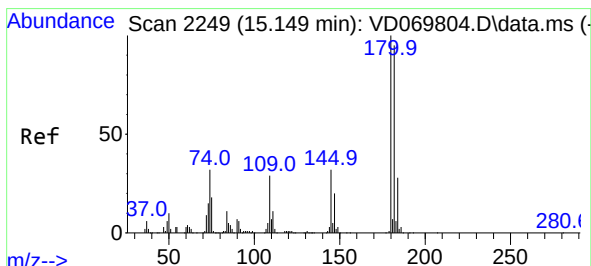
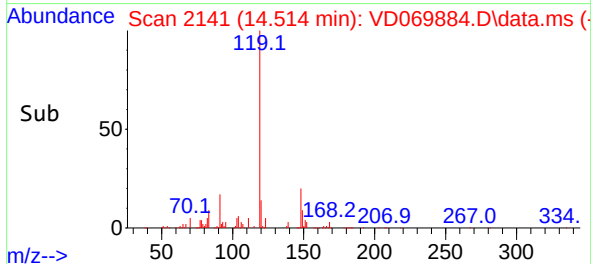
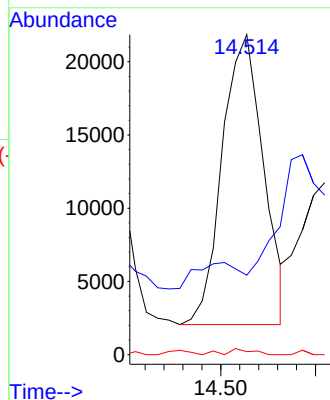
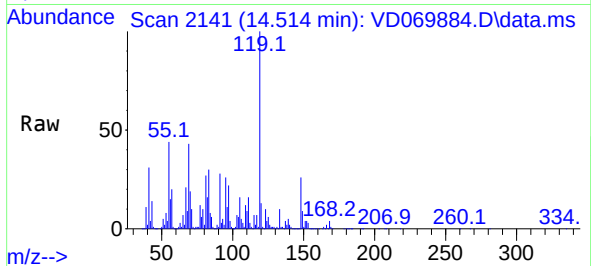




#92
1,2-Dibromo-3-Chloropropane
Concen: 35.403 ug/l
RT: 14.514 min Scan# 2141
Delta R.T. 0.017 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

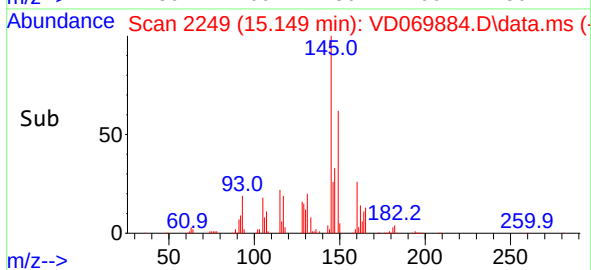
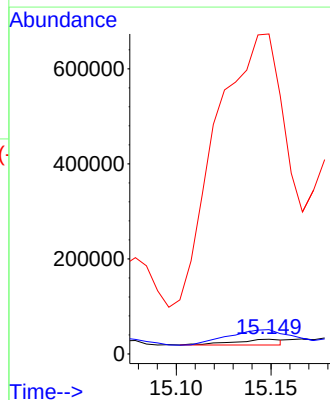
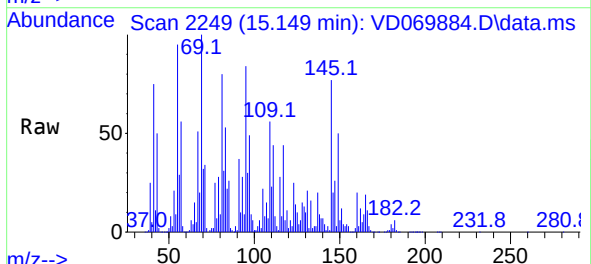
Instrument :
MSVOA_D
ClientSampleId :

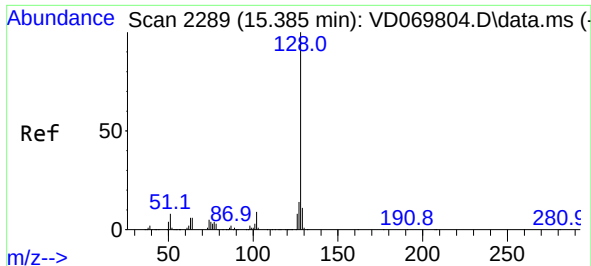
Tgt Ion: 75 Resp: 29931
Ion Ratio Lower Upper
75 100
155 0.0 36.3 108.9#
157 1.3 47.0 141.0#



#93
1,2,4-Trichlorobenzene
Concen: 3.221 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

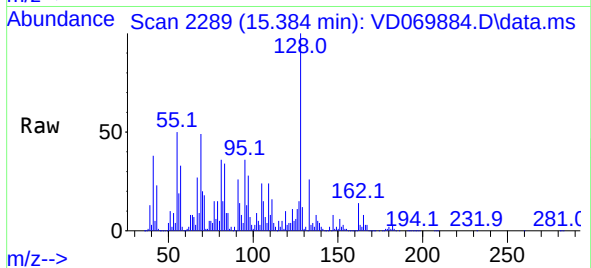
Tgt Ion:180 Resp: 20849
Ion Ratio Lower Upper
180 100
182 369.7 47.6 142.9#
145 9063.5 16.4 49.2#



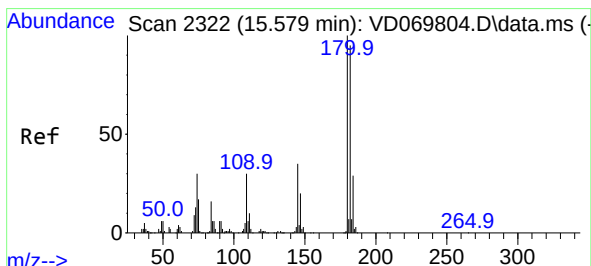
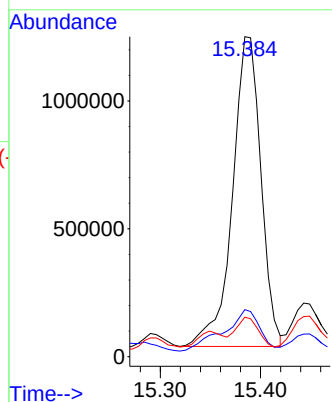
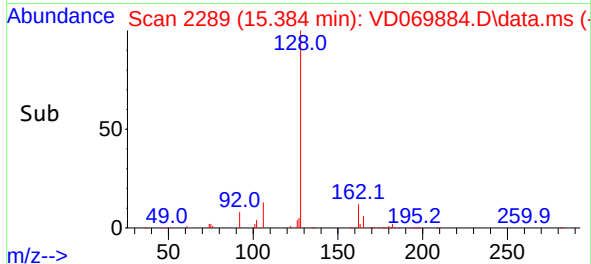


#95
Naphthalene
Concen: 165.919 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34

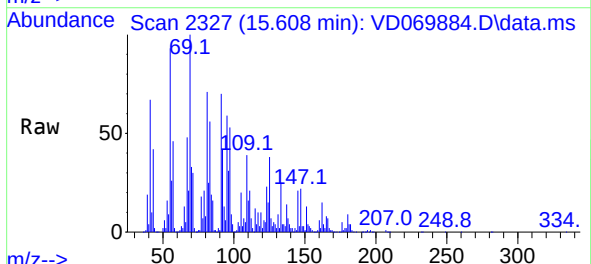
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 2391182
Ion Ratio Lower Upper
128 100
127 17.1 10.6 16.0#
129 7.4 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 12.954 ug/l
RT: 15.608 min Scan# 2327
Delta R.T. 0.029 min
Lab File: VD069884.D
Acq: 28 Jul 2021 12:34



Tgt Ion:180 Resp: 72525
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 17.3 51.9#

