

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
 Data File : VD069566.D
 Acq On : 25 Jun 2021 15:22
 Operator : VA/SY
 Sample : M2856-11
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-9.5-10.0

Quant Time: Jun 26 03:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

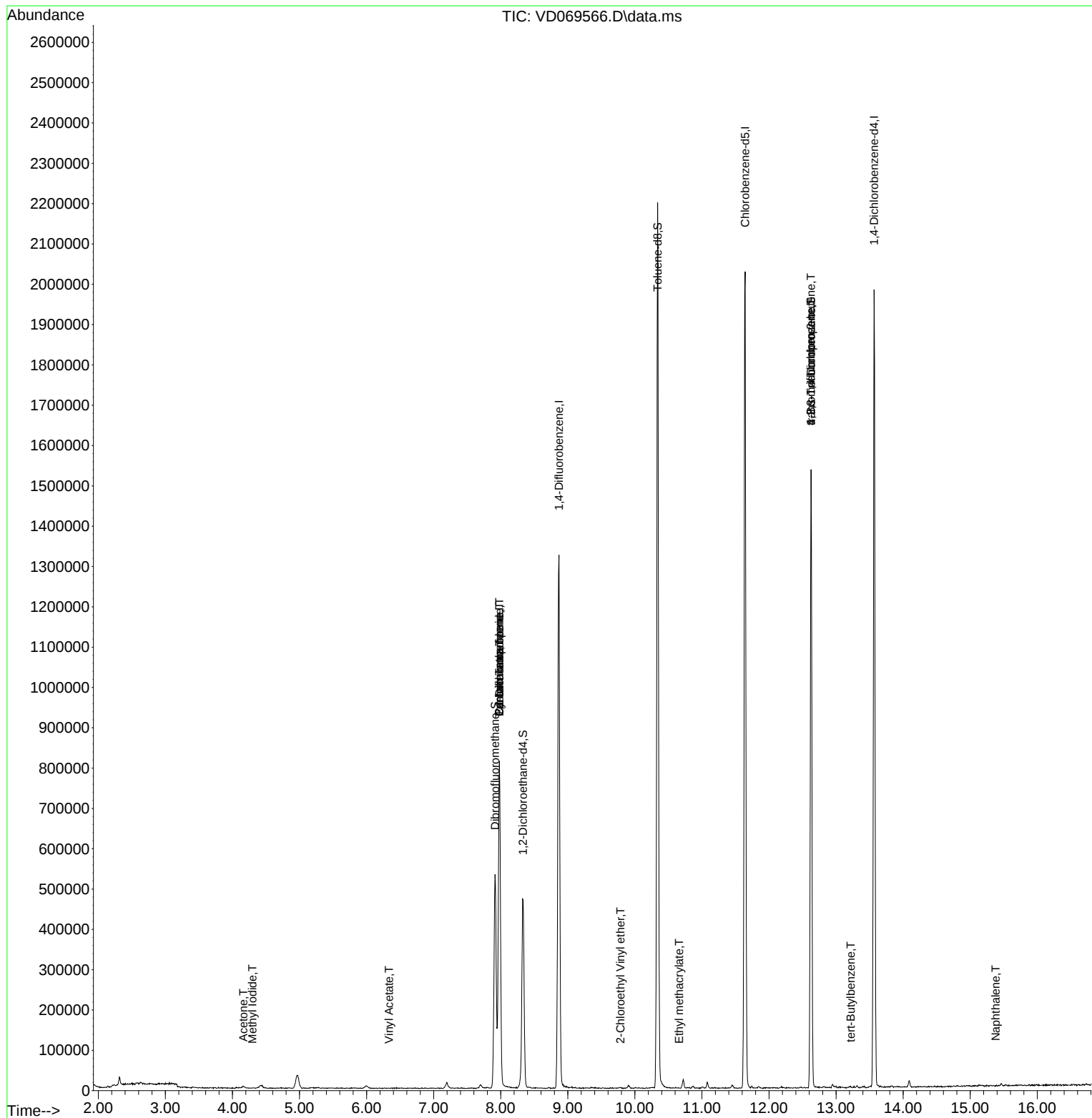
Internal Standards						
1) Pentafluorobenzene	7.979	168	548088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1111582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1162648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	505120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	387435	56.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.420%			
35) Dibromofluoromethane	7.914	113	384195	51.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.338	98	1462704	51.897	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.626	95	514648	55.542	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.080%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	814	Below Cal	#	27
10) Methyl Iodide	4.297	142	180	3.969	ug/l #	39
11) Tert butyl alcohol	5.197	59	996	Below Cal	#	83
16) Acetone	4.162	43	7440	6.470	ug/l	99
18) Methyl Acetate	4.720	43	231	Below Cal	#	49
20) Methylene Chloride	4.956	84	27328	Below Cal		96
23) Vinyl Acetate	6.332	43	68	19.017	ug/l #	70
31) Cyclohexane	7.979	56	14689	1.597	ug/l #	5
36) 1,1-Dichloropropene	7.979	75	53491	4.903	ug/l #	47
38) Carbon Tetrachloride	7.979	117	60794	5.631	ug/l #	18
56) Ethyl methacrylate	10.661	69	55	2.589	ug/l #	27
58) 2-Chloroethyl Vinyl ether	9.785	63	57	10.615	ug/l #	47
76) 1,2,3-Trichloropropane	12.626	75	264498	53.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	264498	133.191	ug/l #	12
83) tert-Butylbenzene	13.220	119	893	2.025	ug/l	86
95) Naphthalene	15.379	128	895	3.407	ug/l #	77

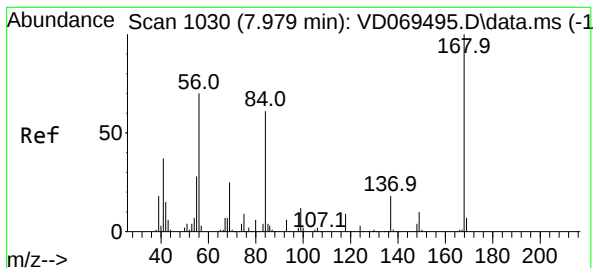
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
Data File : VD069566.D
Acq On : 25 Jun 2021 15:22
Operator : VA/SY
Sample : M2856-11
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

Quant Time: Jun 26 03:39:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

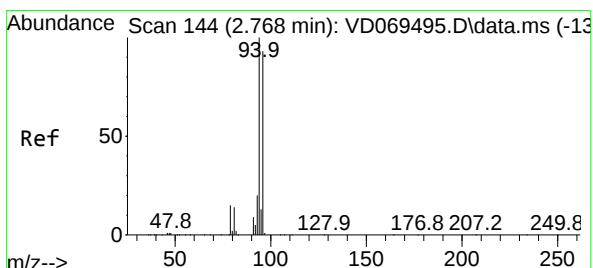
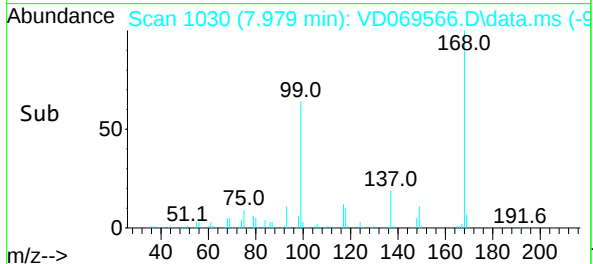
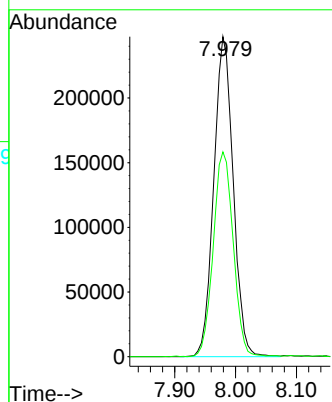
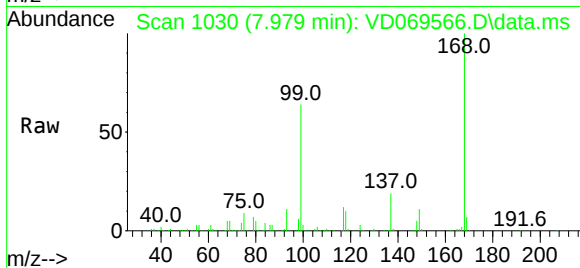




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

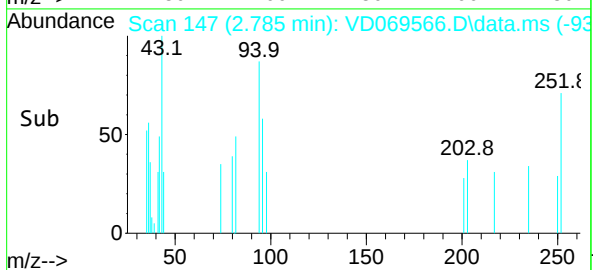
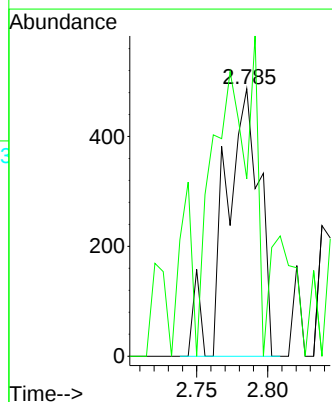
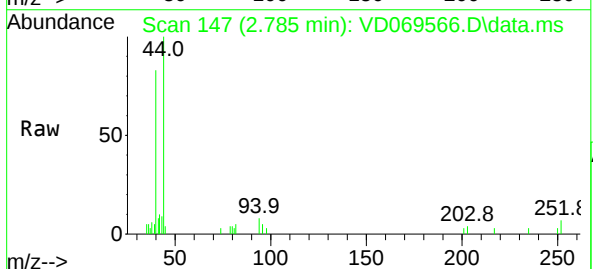
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

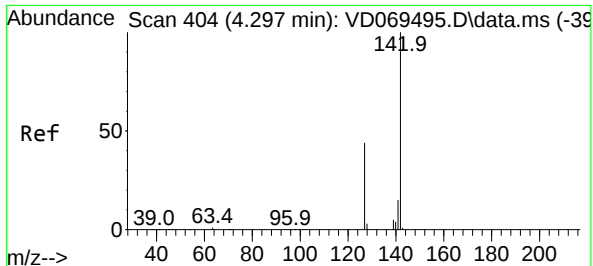
Tgt Ion:168 Resp: 548088
Ion Ratio Lower Upper
168 100
99 64.0 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 94 Resp: 814
Ion Ratio Lower Upper
94 100
96 22.8 74.6 111.8#

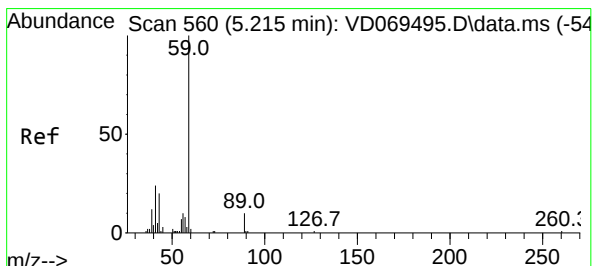
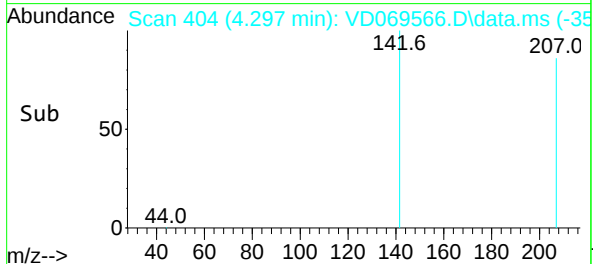
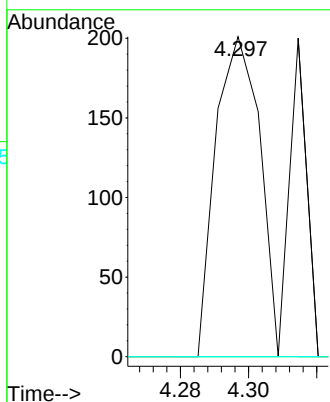
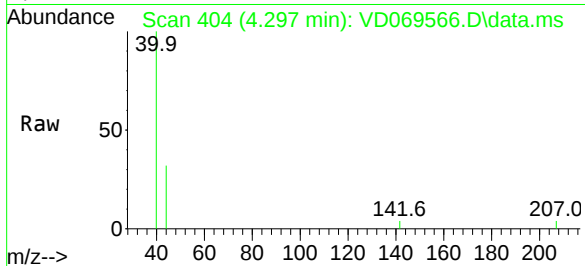




#10
Methyl Iodide
Concen: 3.969 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

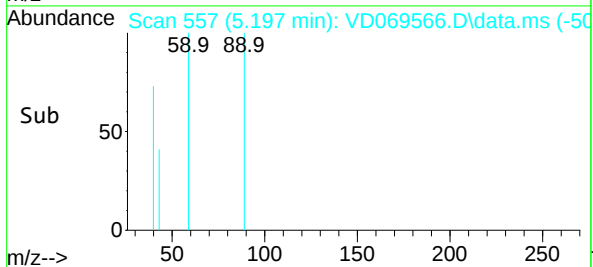
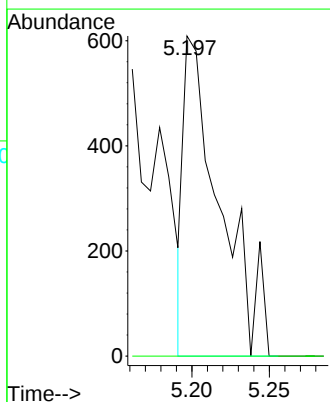
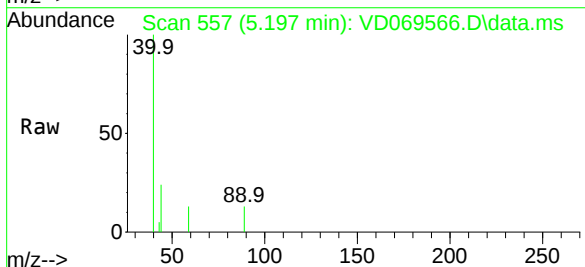
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

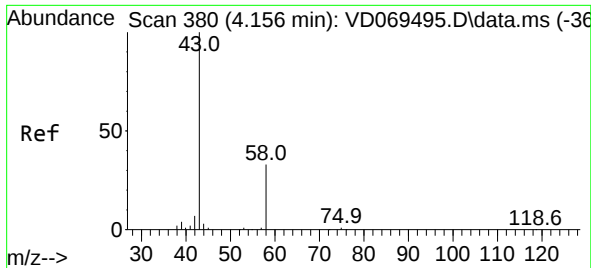
Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
127 0.0 36.5 54.7#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.018 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 59 Resp: 996
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

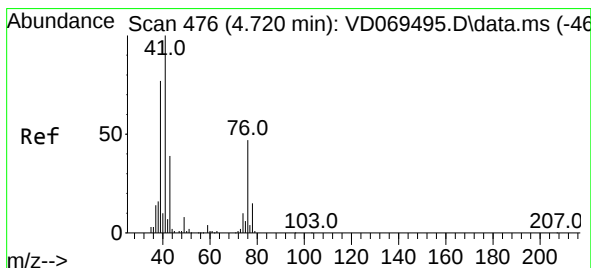
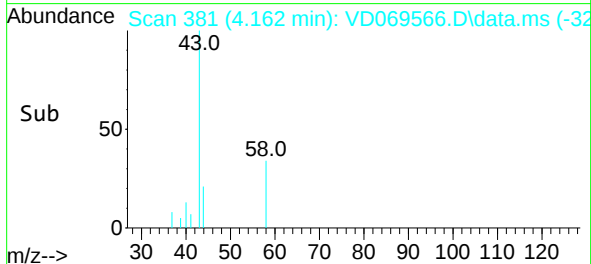
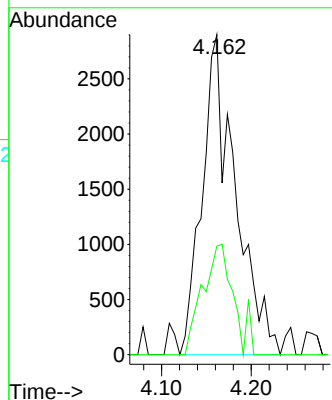
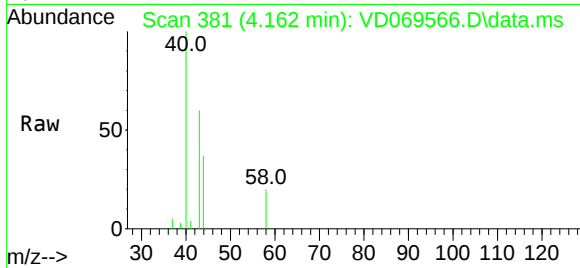




#16
Acetone
Concen: 6.470 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

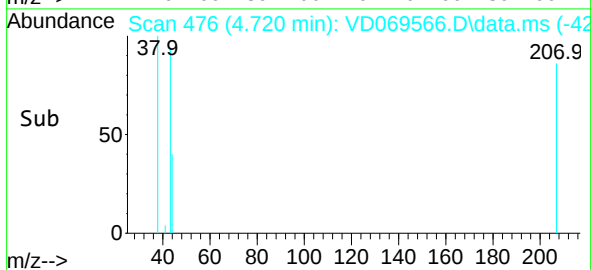
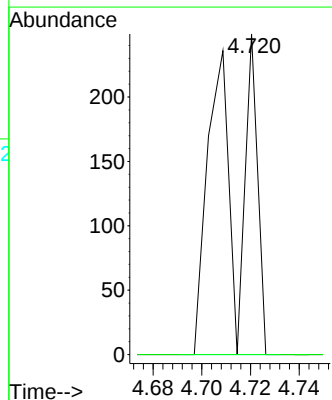
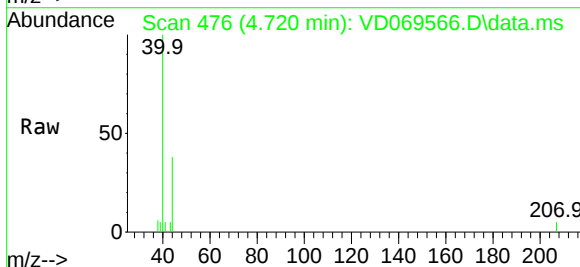
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

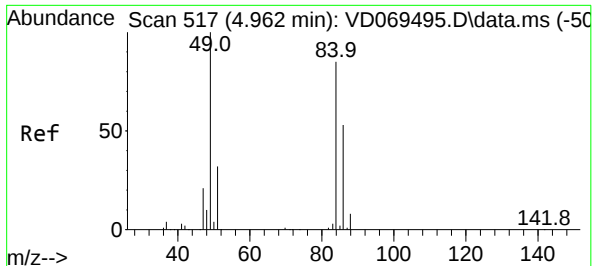
Tgt Ion: 43 Resp: 7440
Ion Ratio Lower Upper
43 100
58 33.9 26.8 40.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

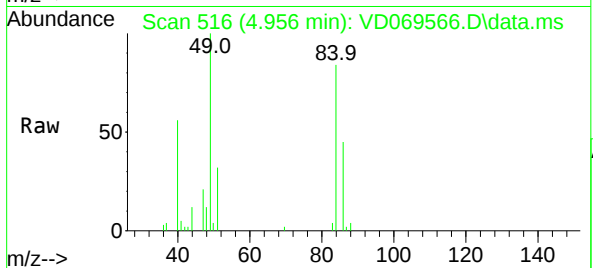
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



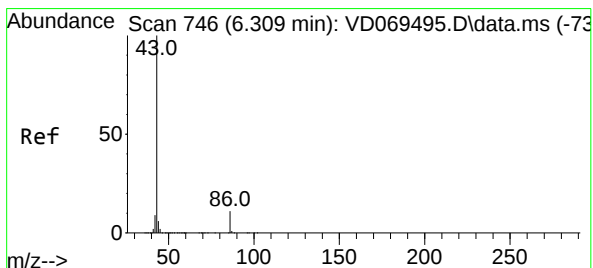
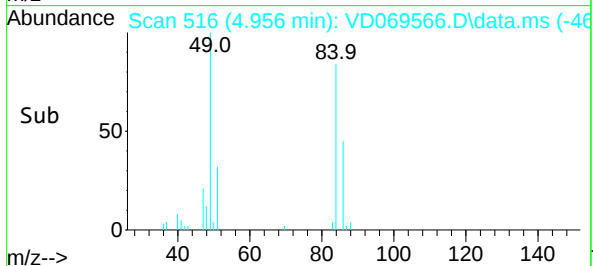
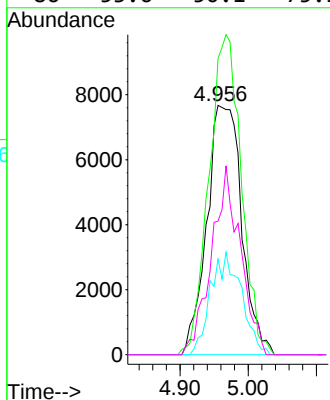


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

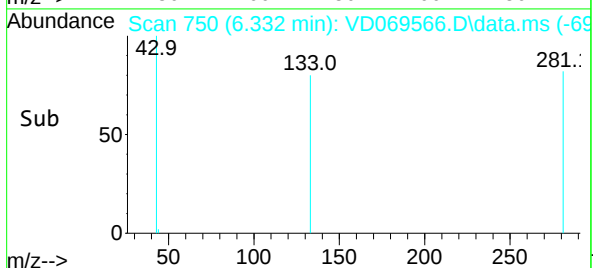
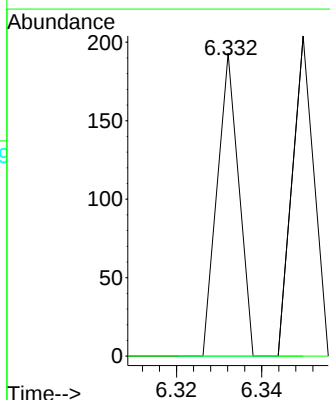
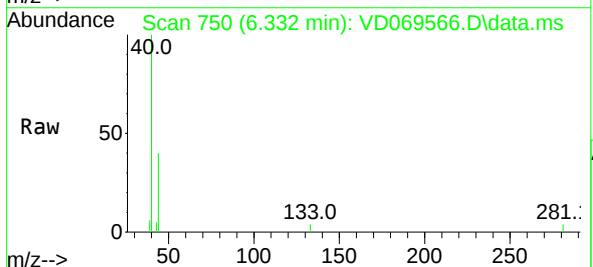


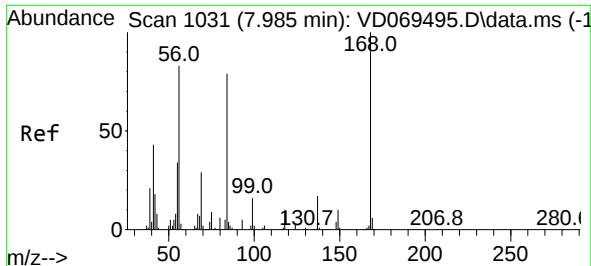
Tgt Ion: 84	Resp: 27328		
Ion	Ratio	Lower	Upper
84	100		
49	118.9	94.0	141.0
51	38.3	29.7	44.5
86	53.6	50.1	75.1



#23
Vinyl Acetate
Concen: 19.017 ug/l
RT: 6.332 min Scan# 750
Delta R.T. 0.023 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 43	Resp: 68		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	9.1	13.7#	

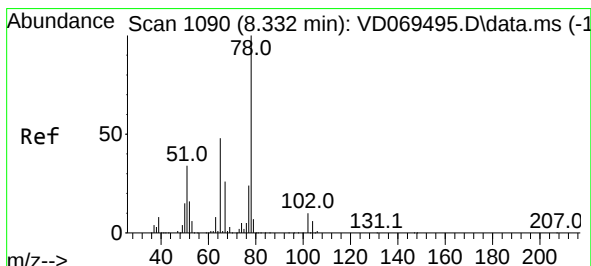
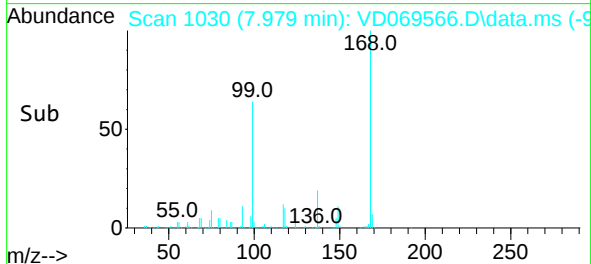
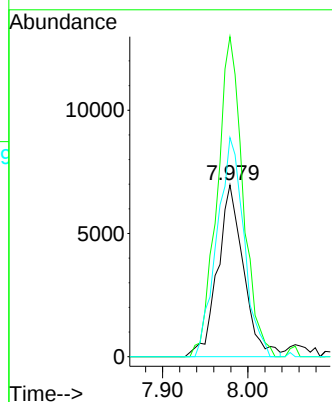
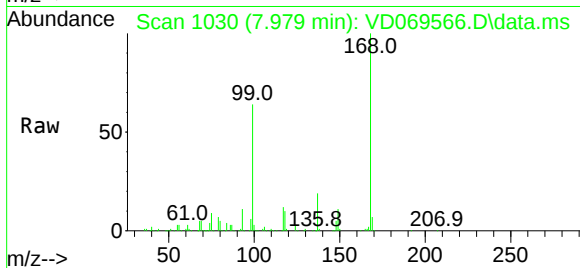




#31
Cyclohexane
Concen: 1.597 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

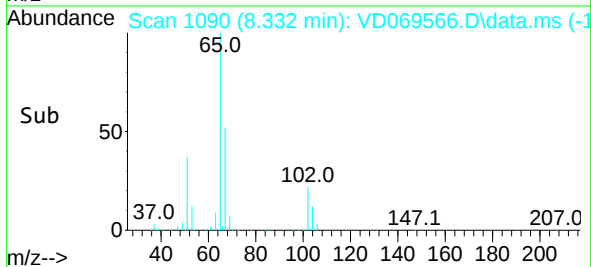
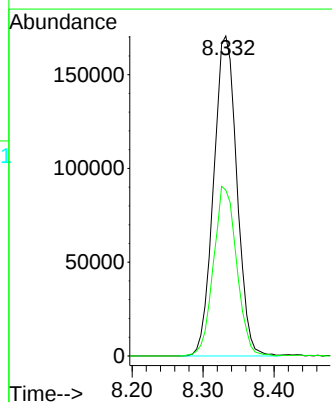
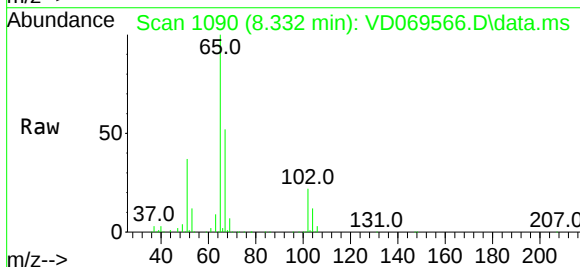
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

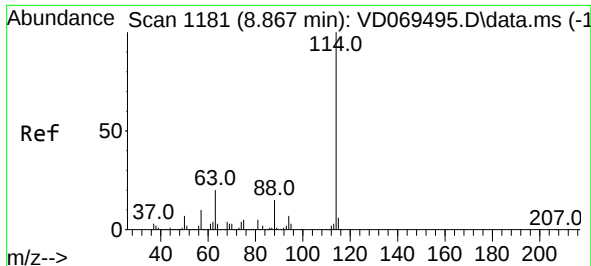
Tgt Ion: 56 Resp: 14689
Ion Ratio Lower Upper
56 100
69 186.4 28.0 42.0#
84 127.6 75.7 113.5#



#33
1,2-Dichloroethane-d4
Concen: 56.710 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

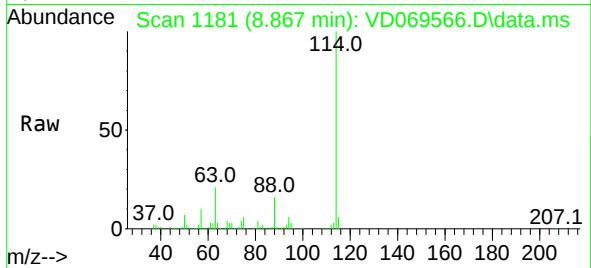
Tgt Ion: 65 Resp: 387435
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6



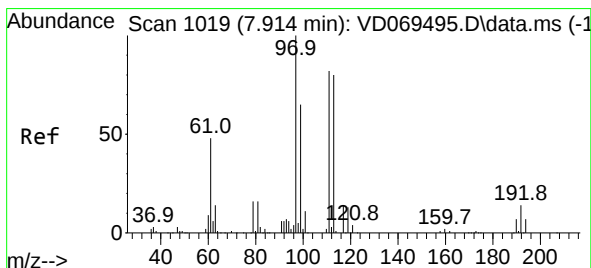
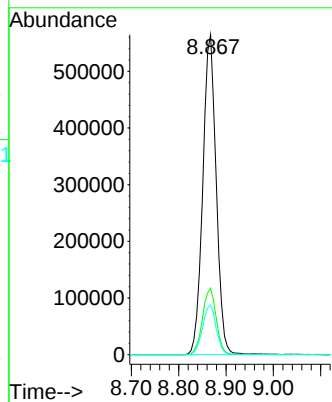
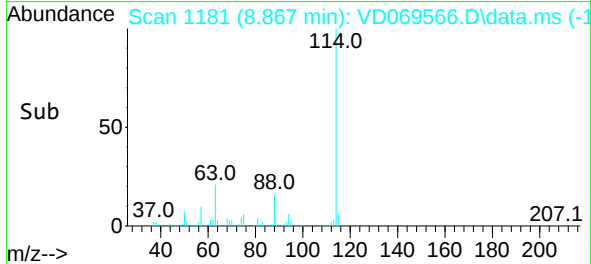


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

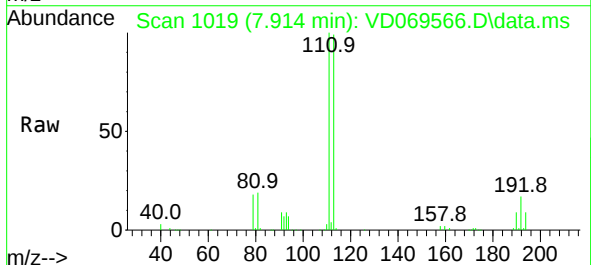
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0



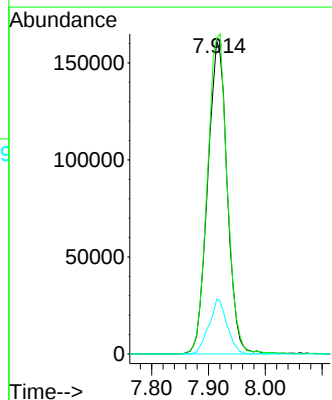
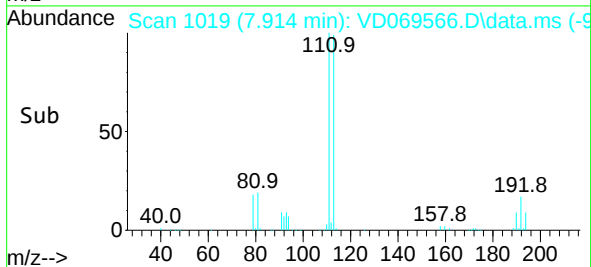
Tgt Ion:114 Resp: 1111582
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.6
88 15.5 0.0 29.8

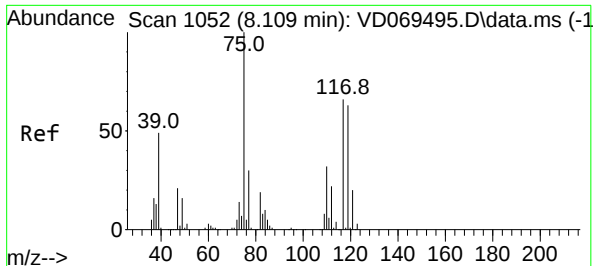


#35
Dibromofluoromethane
Concen: 51.130 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22



Tgt Ion:113 Resp: 384195
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 16.3 13.8 20.6

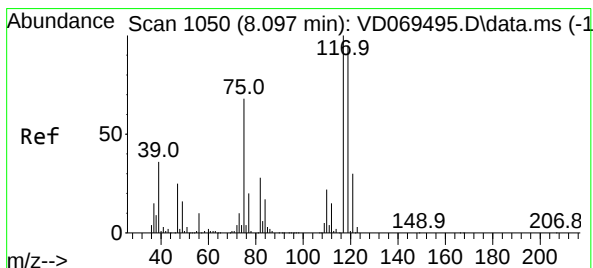
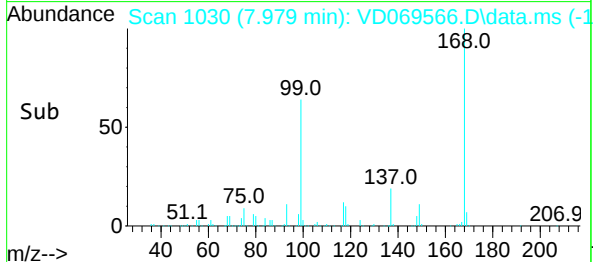
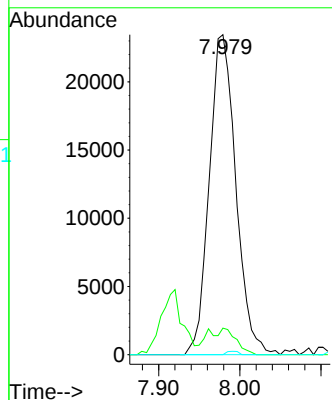
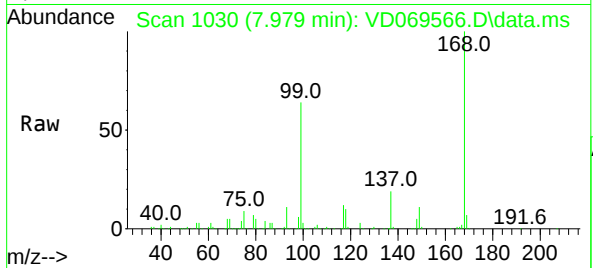




#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

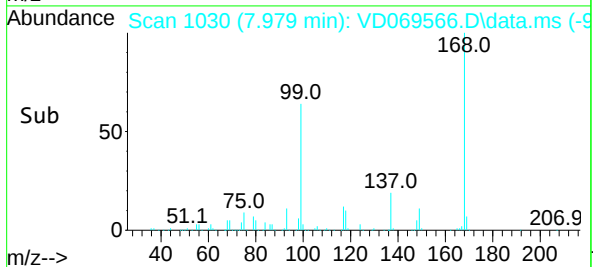
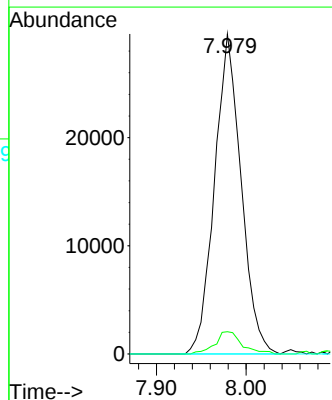
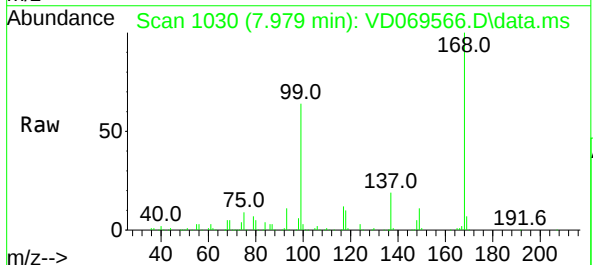
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

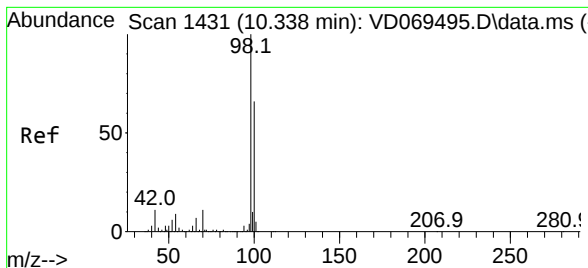
Tgt Ion: 75 Resp: 53491
Ion Ratio Lower Upper
75 100
110 4.8 16.8 50.4#
77 0.5 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 117 Resp: 60794
Ion Ratio Lower Upper
117 100
119 7.0 75.6 113.4#
121 0.0 23.8 35.8#

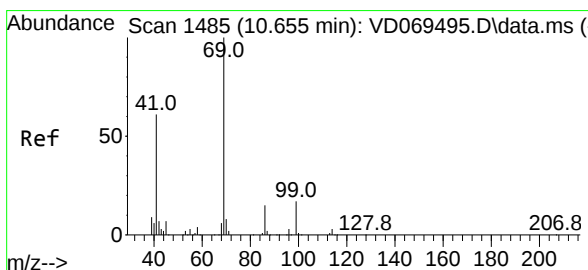
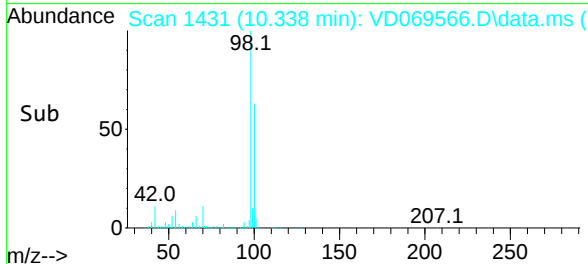
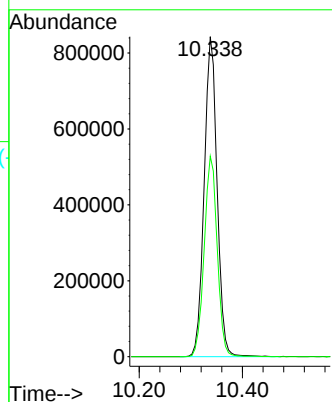
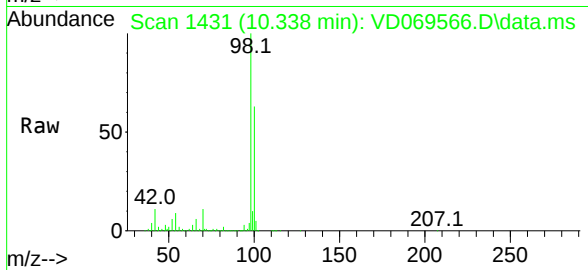




#50
Toluene-d8
Concen: 51.897 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

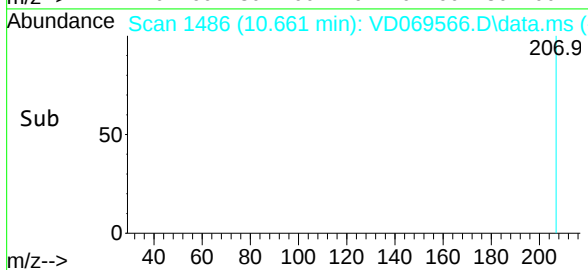
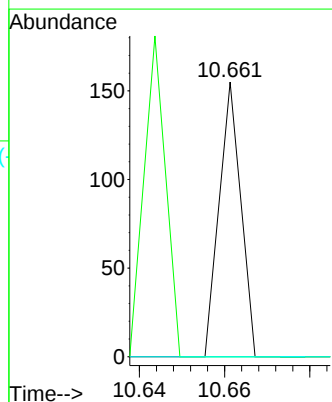
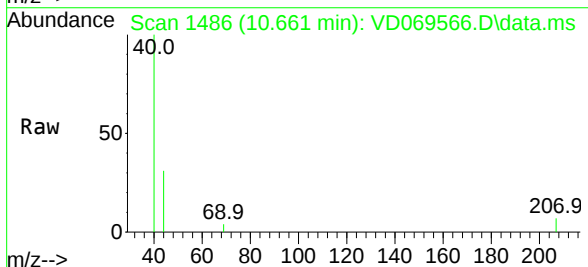
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

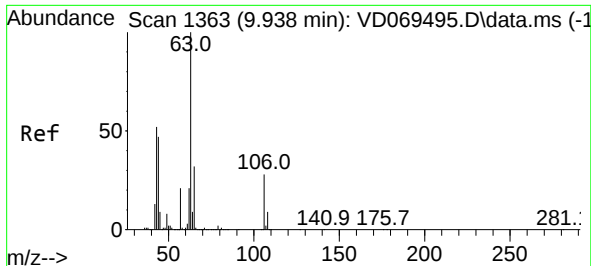
Tgt Ion: 98 Resp: 1462704
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5



#56
Ethyl methacrylate
Concen: 2.589 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 49.4 74.0#
39 0.0 26.9 40.3#

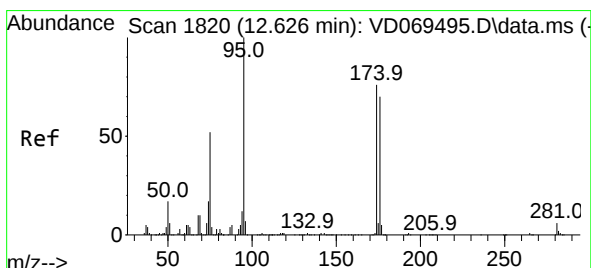
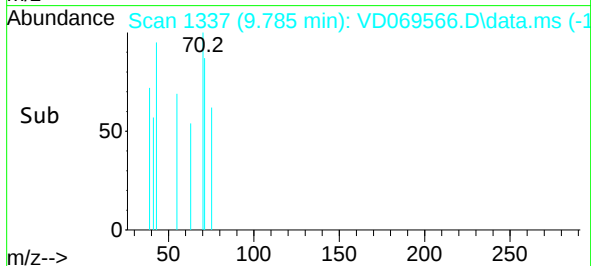
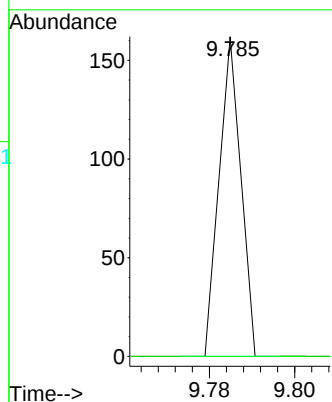
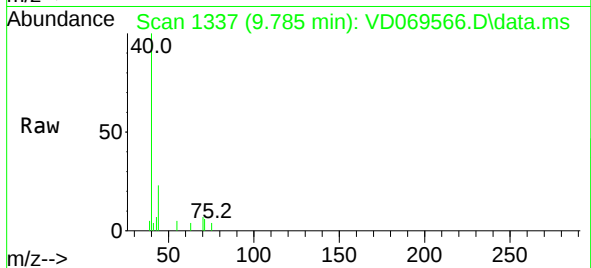




#58
2-Chloroethyl Vinyl ether
Concen: 10.615 ug/l
RT: 9.785 min Scan# 1337
Delta R.T. -0.153 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

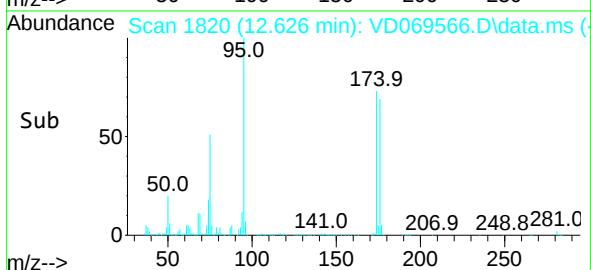
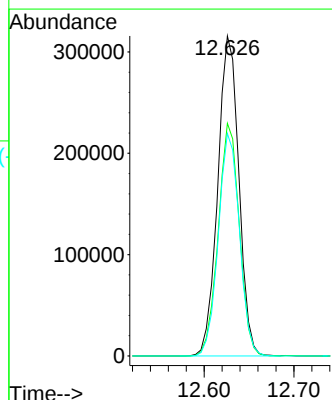
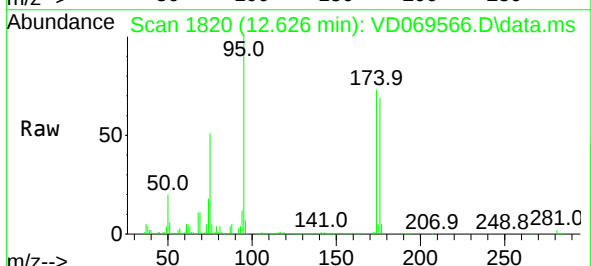
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

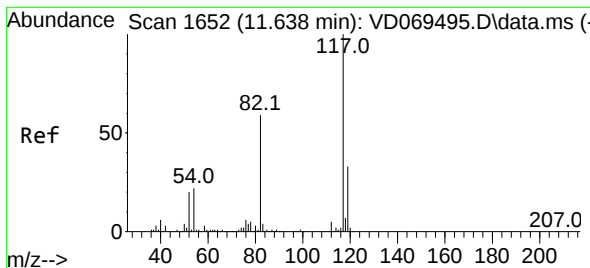
Tgt Ion: 63 Resp: 57
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#62
4-Bromofluorobenzene
Concen: 55.542 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 95 Resp: 514648
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.0
176 69.5 0.0 139.8

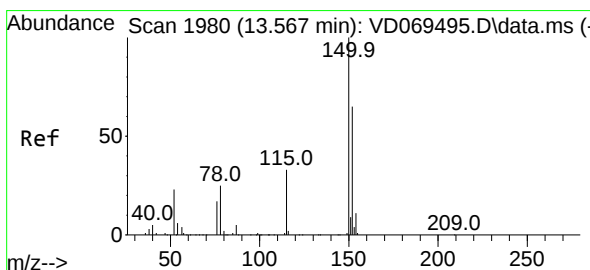
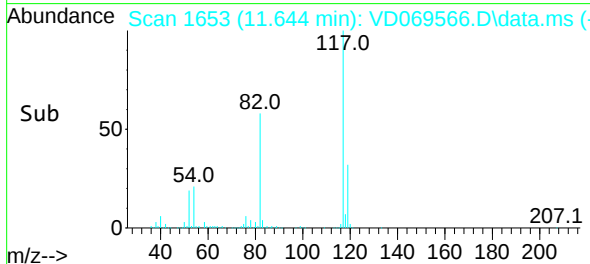
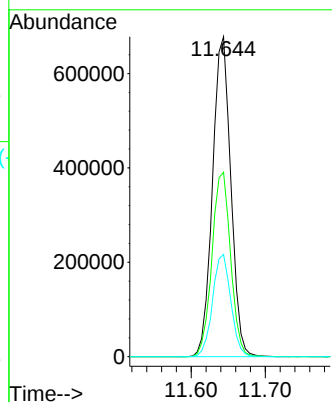
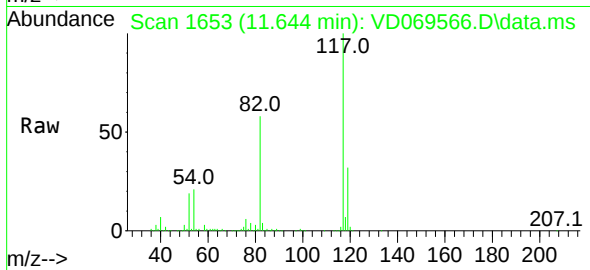




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

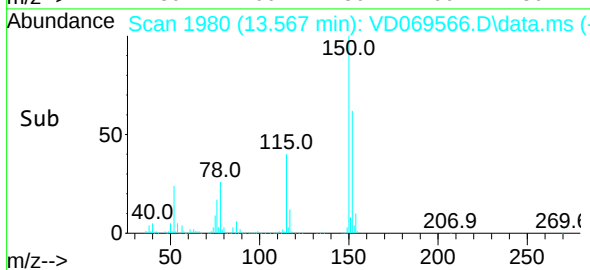
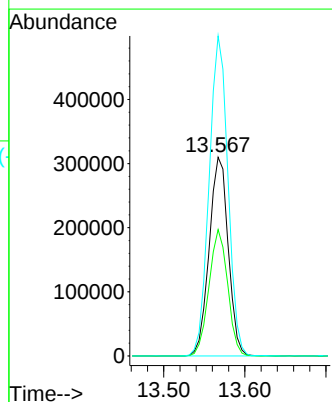
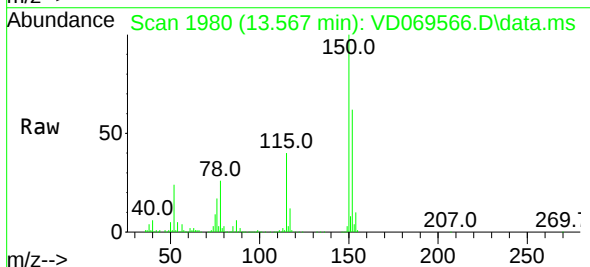
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

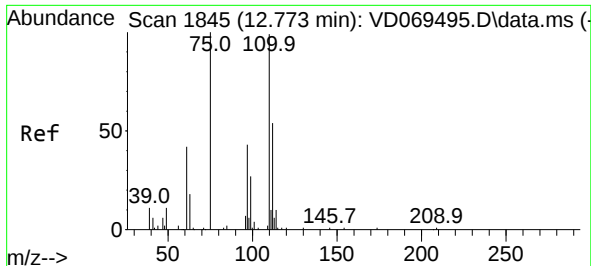
Tgt Ion:117 Resp: 1162648
Ion Ratio Lower Upper
117 100
82 57.7 46.8 70.2
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion:152 Resp: 505120
Ion Ratio Lower Upper
152 100
115 62.3 31.7 95.1
150 158.6 0.0 350.8

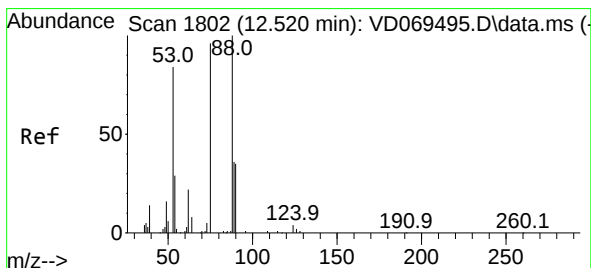
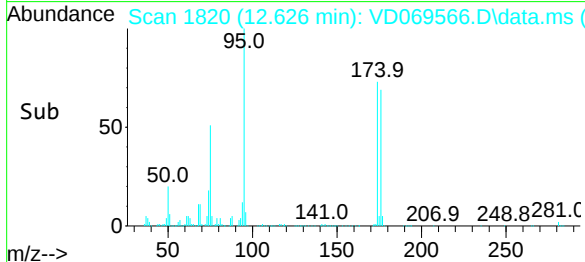
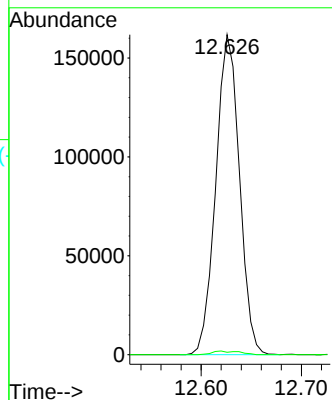
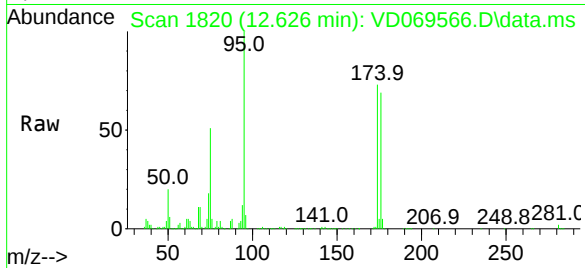




#76
1,2,3-Trichloropropane
Concen: 53.343 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

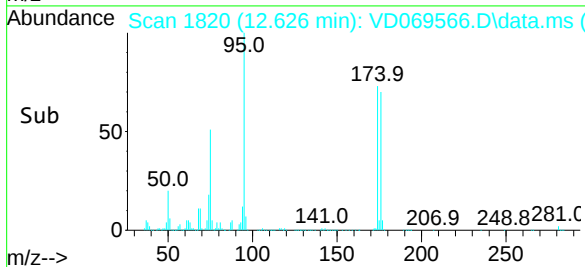
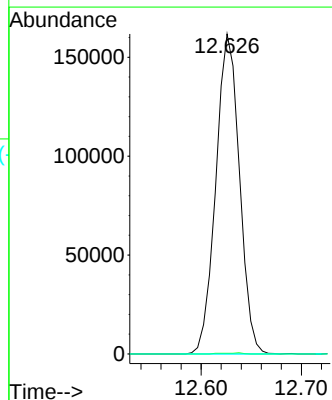
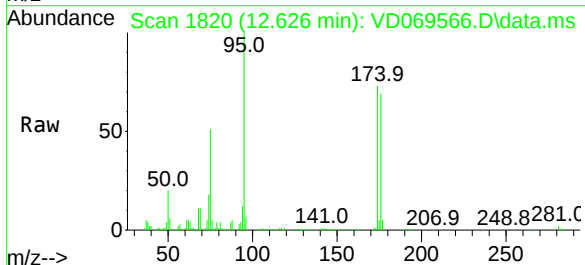
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

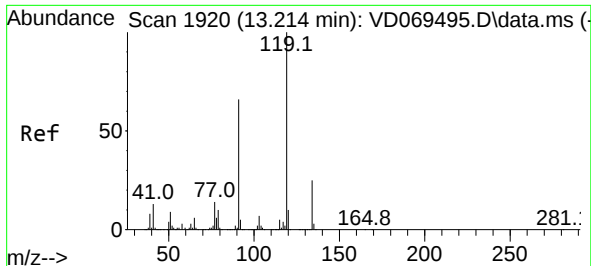
Tgt Ion: 75 Resp: 264498
Ion Ratio Lower Upper
75 100
77 1.3 162.6 487.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.191 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion: 75 Resp: 264498
Ion Ratio Lower Upper
75 100
53 0.3 74.6 112.0#
89 0.0 35.3 52.9#

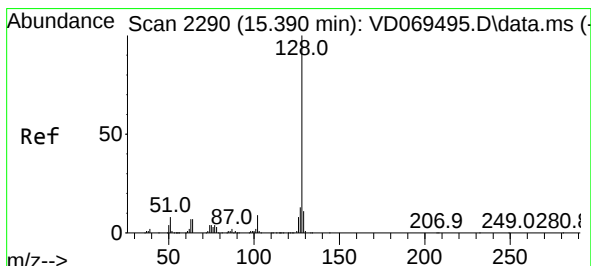
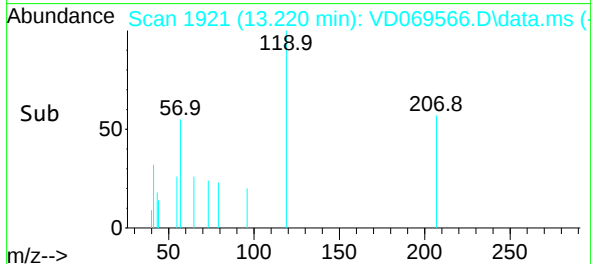
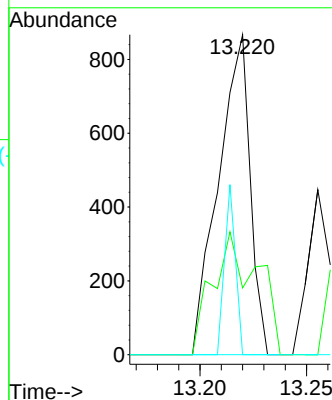
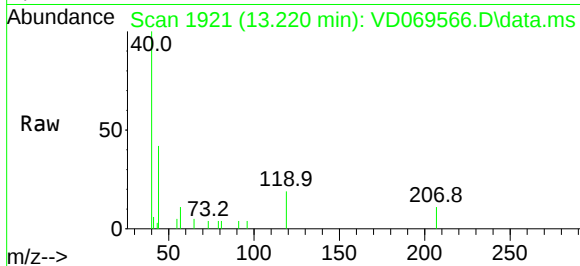




#83
tert-Butylbenzene
Concen: 2.025 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

Tgt Ion:	119	Resp:	893
Ion	Ratio	Lower	Upper
119	100		
91	54.3	32.5	97.4
134	18.3	12.9	38.7



#95
Naphthalene
Concen: 3.407 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.011 min
Lab File: VD069566.D
Acq: 25 Jun 2021 15:22

Tgt Ion:	128	Resp:	895
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	6.8	8.7	13.1#

