

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
 Data File : VD069569.D
 Acq On : 25 Jun 2021 16:46
 Operator : VA/SY
 Sample : M2856-17
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-9.5-10.0

Quant Time: Jun 26 03:40:06 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)

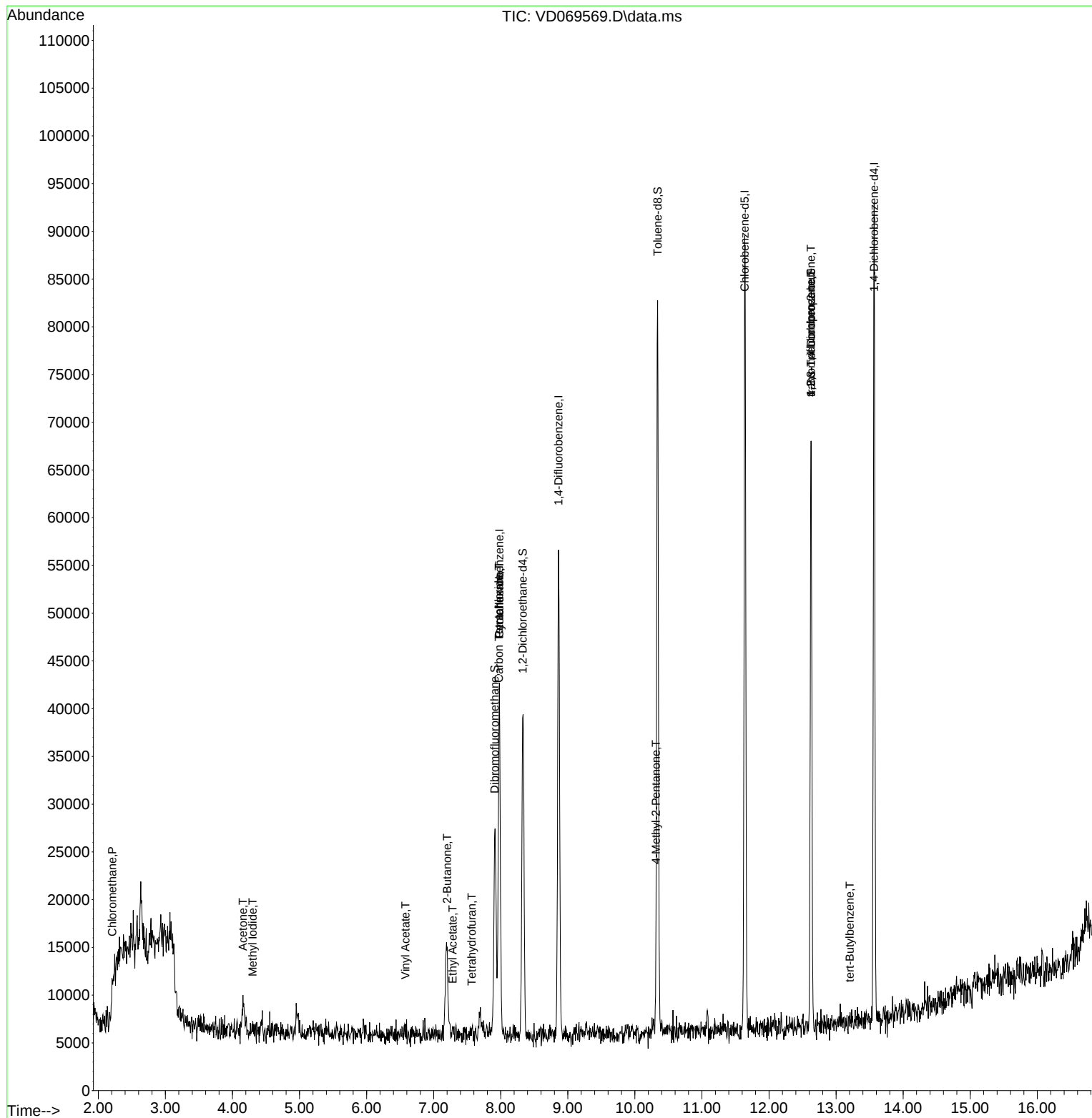
Internal Standards						
1) Pentafluorobenzene	7.979	168	23287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	40568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	49373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	20685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27444	94.547	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 189.100%#			
35) Dibromofluoromethane	7.908	113	14879	54.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.338	98	54826	53.300	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.626	95	19891	58.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.640%			
Target Compounds			Qvalue			
3) Chloromethane	2.209	50	638	1.953	ug/l #	58
10) Methyl Iodide	4.303	142	292	5.043	ug/l #	61
11) Tert butyl alcohol	5.197	59	410	Below Cal	#	83
16) Acetone	4.156	43	2476	50.679	ug/l #	69
18) Methyl Acetate	4.744	43	132	Below Cal	#	64
20) Methylene Chloride	4.967	84	1430	Below Cal	#	71
23) Vinyl Acetate	6.579	43	60	19.145	ug/l #	70
25) 2-Butanone	7.203	43	128	2.062	ug/l #	44
29) Tetrahydrofuran	7.567	42	219	6.434	ug/l #	31
31) Cyclohexane	7.979	56	849	2.172	ug/l #	55
37) Ethyl Acetate	7.285	43	178	1.205	ug/l #	67
38) Carbon Tetrachloride	7.973	117	2451	6.220	ug/l #	26
51) 4-Methyl-2-Pentanone	10.314	43	355	2.515	ug/l #	34
76) 1,2,3-Trichloropropane	12.626	75	10376	51.101	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	10376	127.592	ug/l #	12
83) tert-Butylbenzene	13.202	119	60	2.046	ug/l #	27

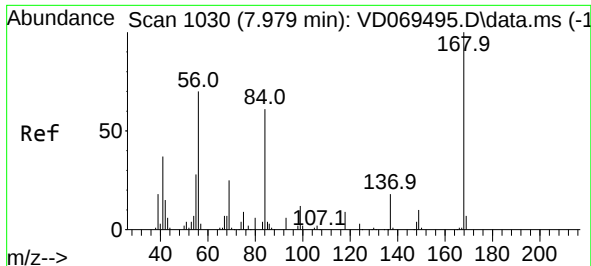
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062521\
Data File : VD069569.D
Acq On : 25 Jun 2021 16:46
Operator : VA/SY
Sample : M2856-17
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

Quant Time: Jun 26 03:40:06 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

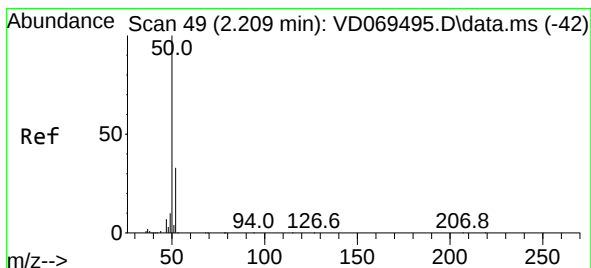
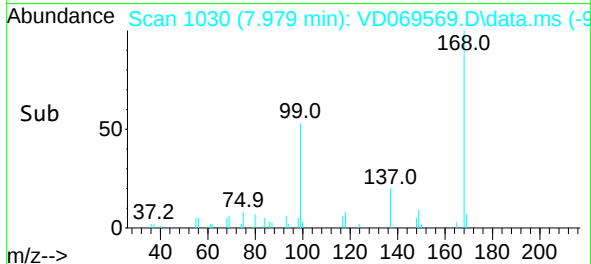
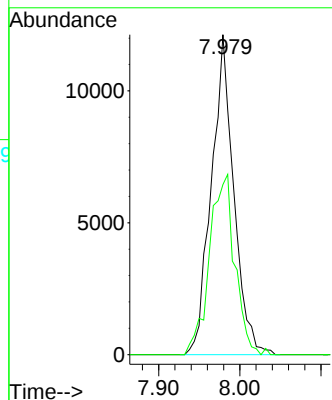
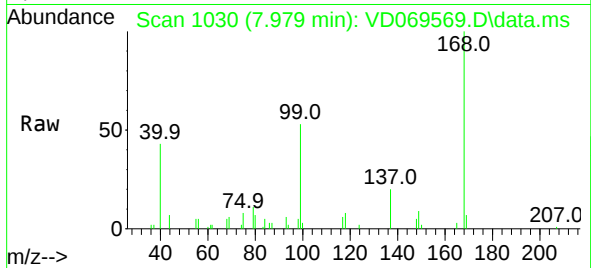




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

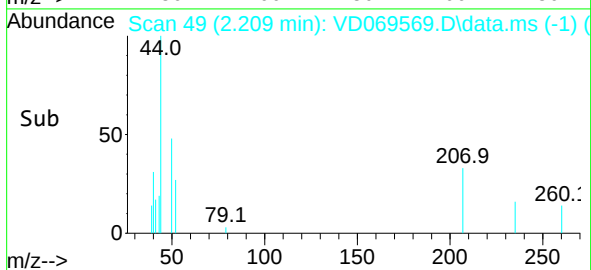
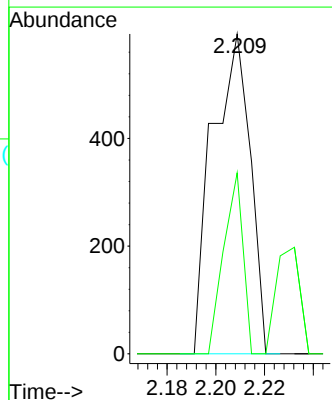
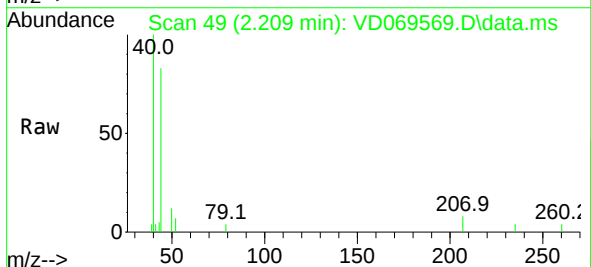
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

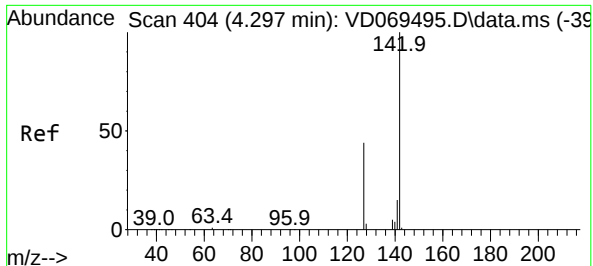
Tgt Ion:168 Resp: 23287
Ion Ratio Lower Upper
168 100
99 53.2 49.3 73.9



#3
Chloromethane
Concen: 1.953 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 56.6 26.3 39.5#

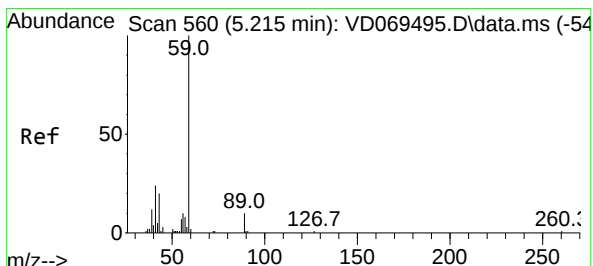
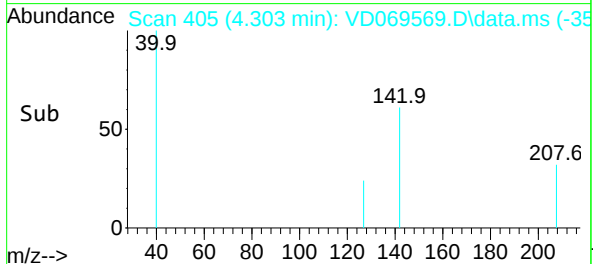
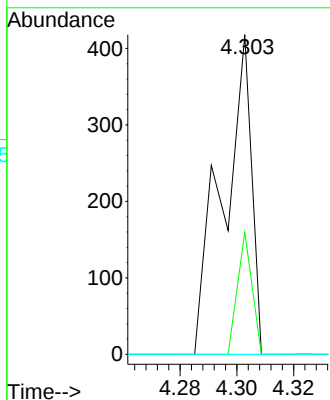
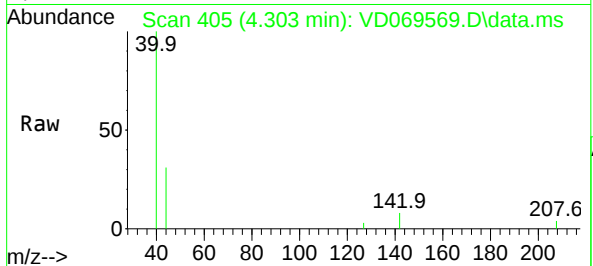




#10
Methyl Iodide
Concen: 5.043 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

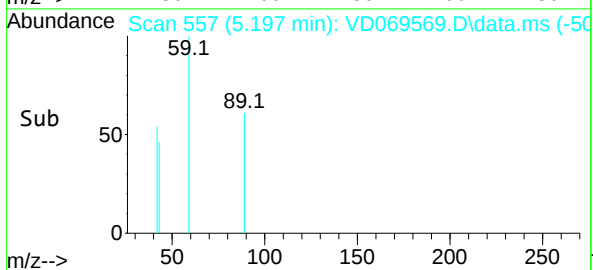
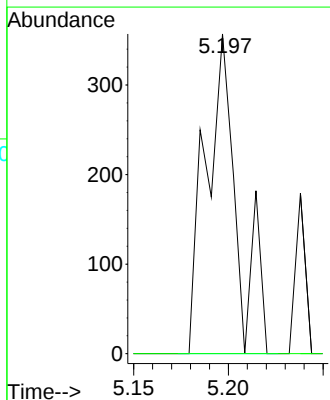
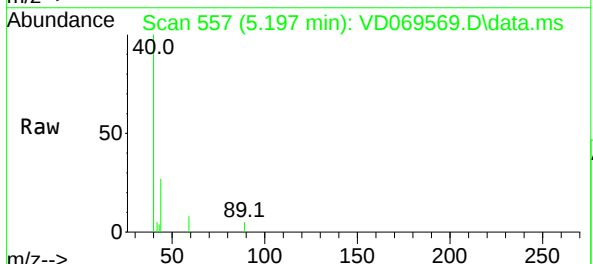
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

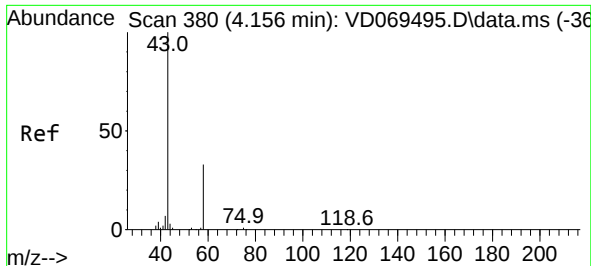
Tgt Ion:142 Resp: 292
Ion Ratio Lower Upper
142 100
127 19.2 36.5 54.7#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.018 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

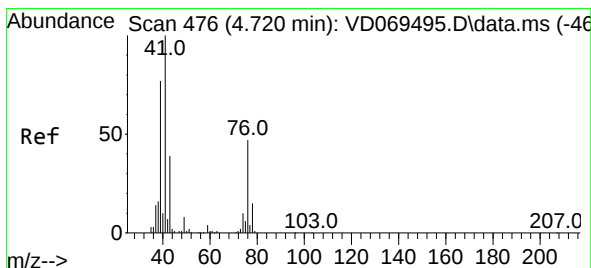
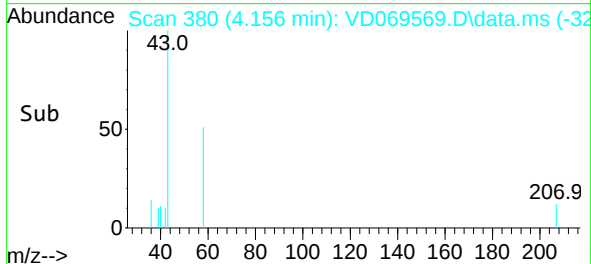
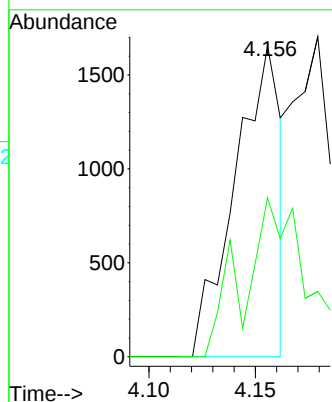
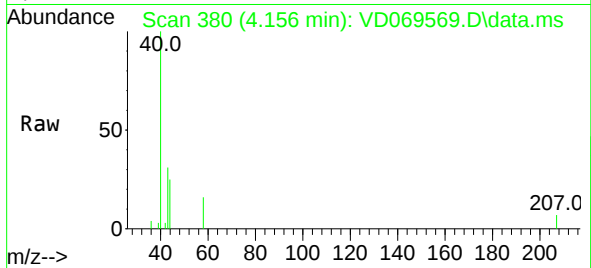




#16
Acetone
Concen: 50.679 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

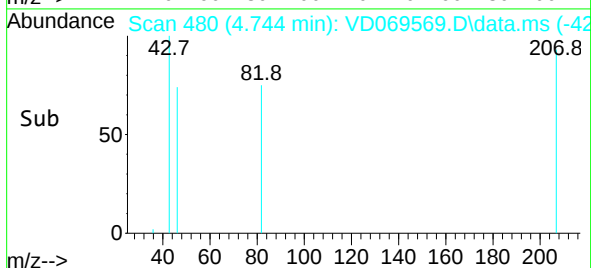
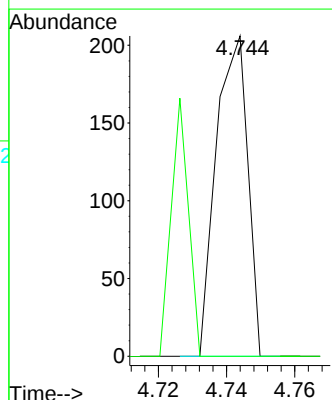
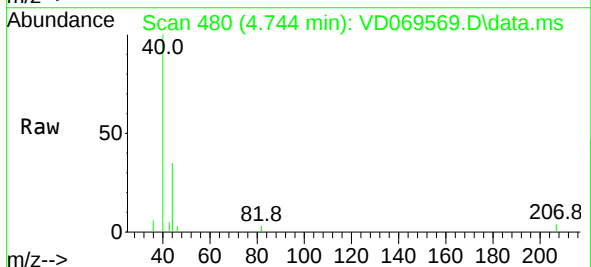
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

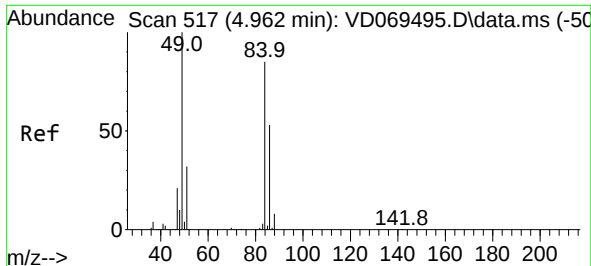
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
58 51.1 26.8 40.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.744 min Scan# 480
Delta R.T. 0.024 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
74 44.7 21.0 31.4#

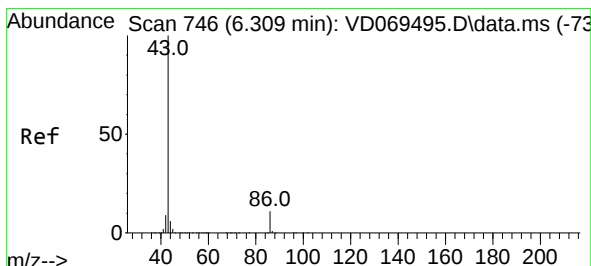
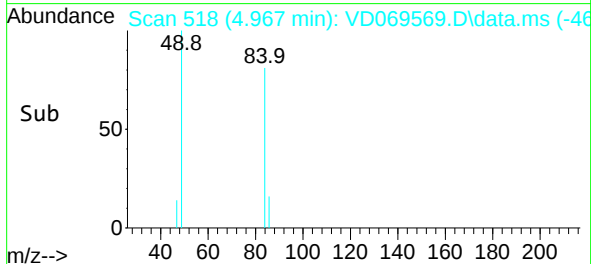
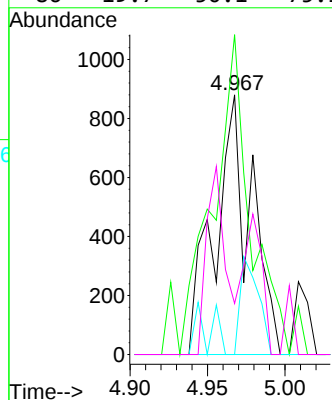
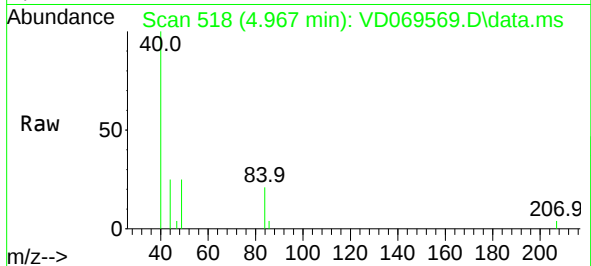




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

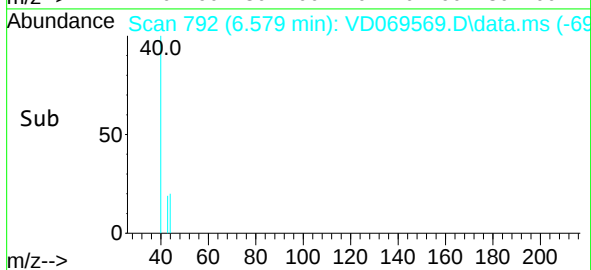
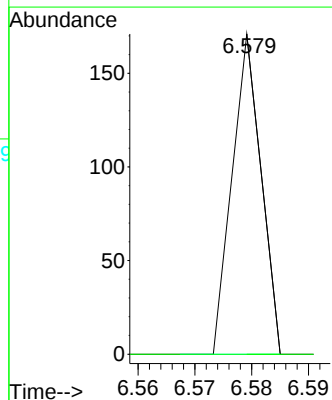
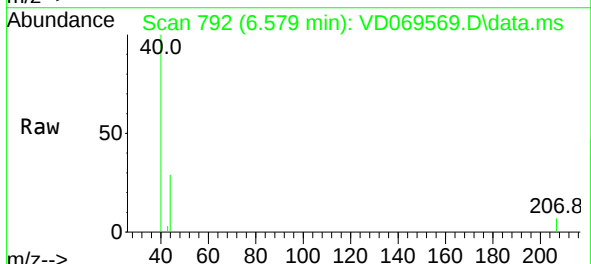
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

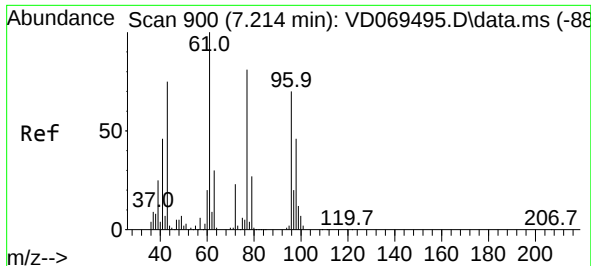
Tgt Ion: 84 Resp: 1430
Ion Ratio Lower Upper
84 100
49 123.2 94.0 141.0
51 0.0 29.7 44.5#
86 19.7 50.1 75.1#



#23
Vinyl Acetate
Concen: 19.145 ug/l
RT: 6.579 min Scan# 792
Delta R.T. 0.270 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
86 0.0 9.1 13.7#

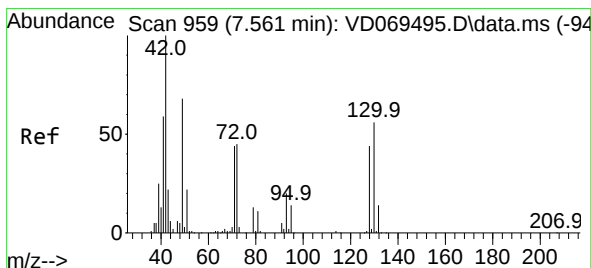
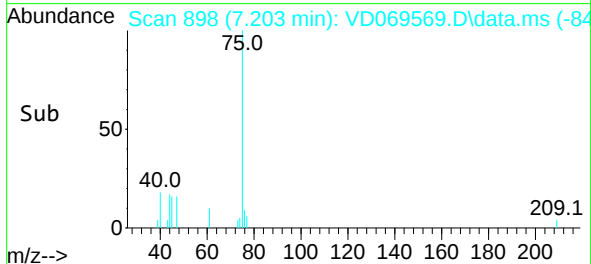
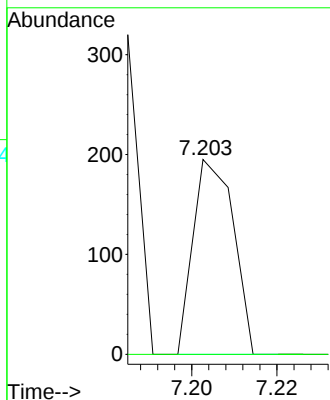
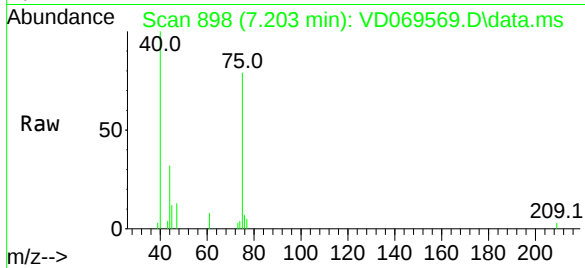




#25
2-Butanone
Concen: 2.062 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

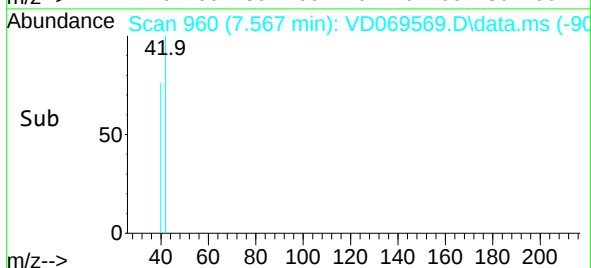
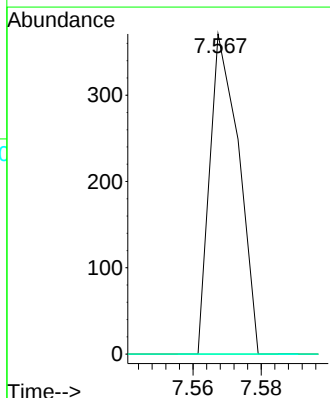
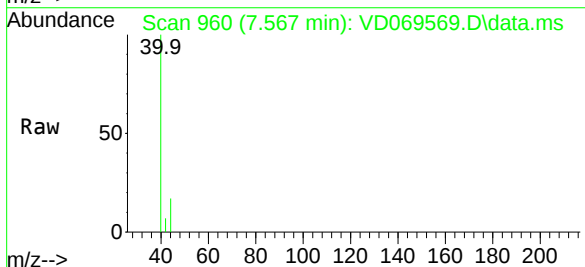
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

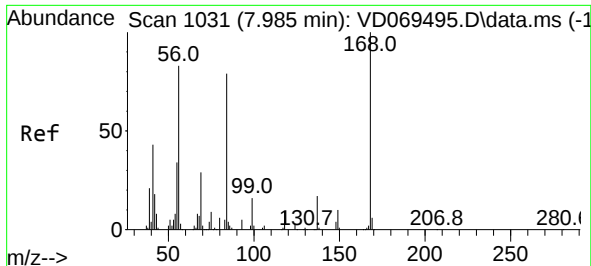
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



#29
Tetrahydrofuran
Concen: 6.434 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 42 Resp: 219
Ion Ratio Lower Upper
42 100
72 0.0 37.9 56.9#
71 0.0 35.1 52.7#

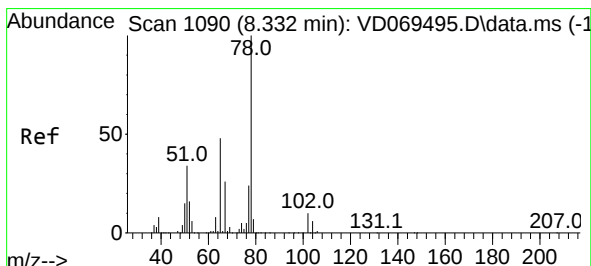
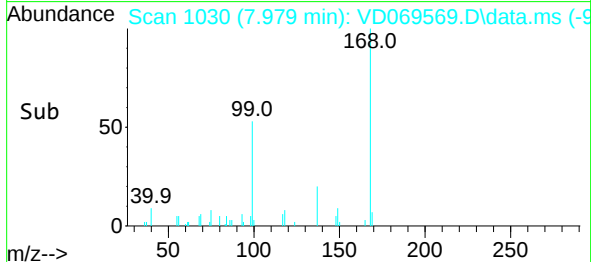
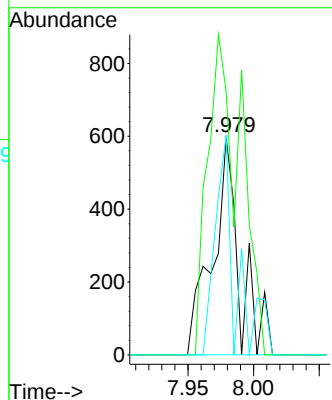
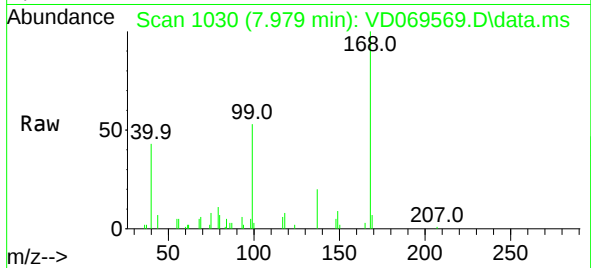




#31
Cyclohexane
Concen: 2.172 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

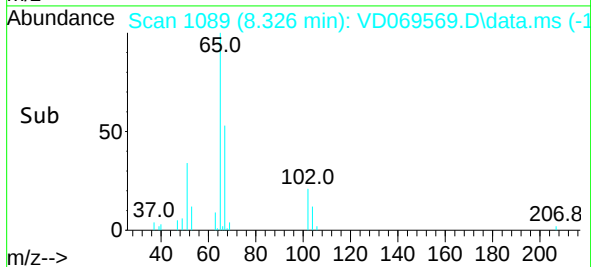
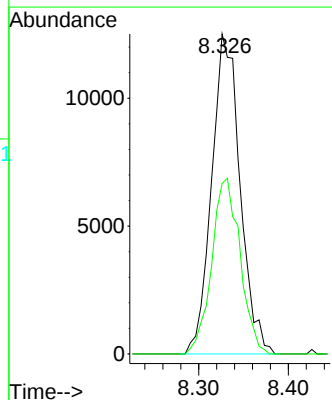
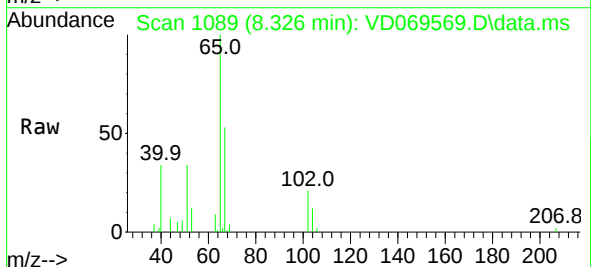
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

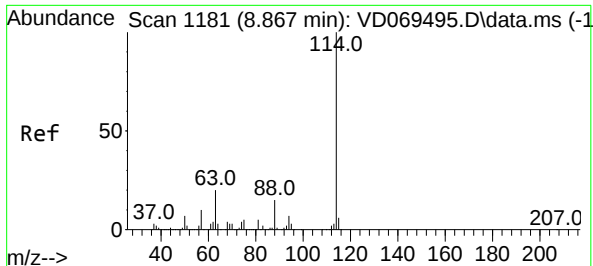
Tgt Ion: 56 Resp: 849
Ion Ratio Lower Upper
56 100
69 121.1 28.0 42.0#
84 101.0 75.7 113.5



#33
1,2-Dichloroethane-d4
Concen: 94.547 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 65 Resp: 27444
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.6



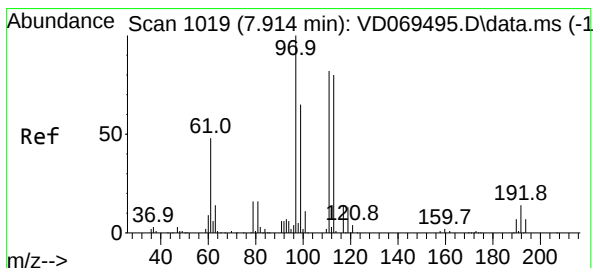
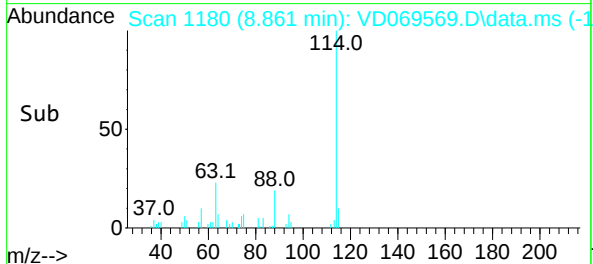
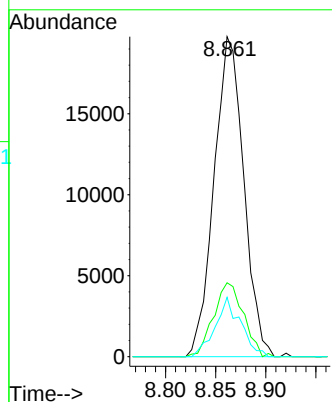
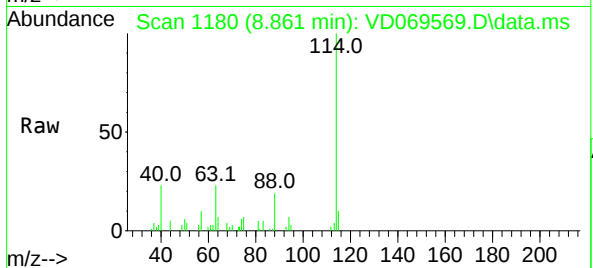


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

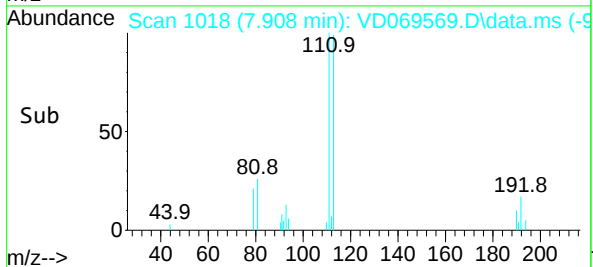
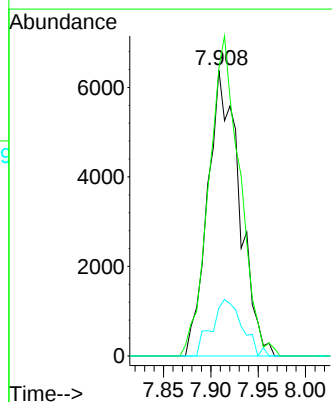
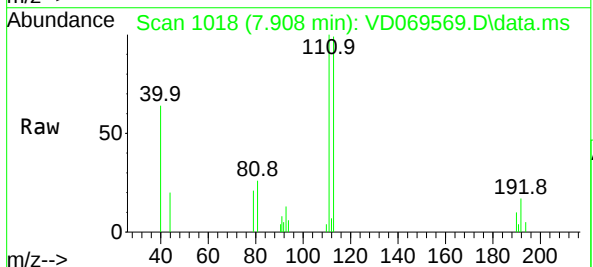
Tgt Ion:	114	Resp:	40568
Ion Ratio	Lower	Upper	
114	100		
63	23.1	0.0	39.6
88	18.5	0.0	29.8

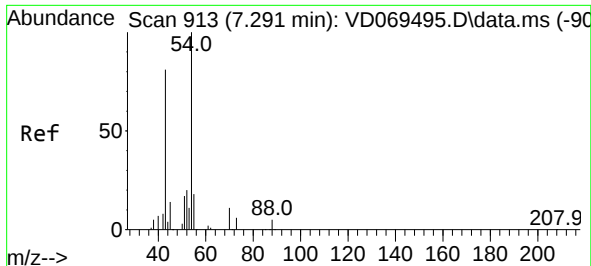


#35

Dibromofluoromethane
Concen: 54.257 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

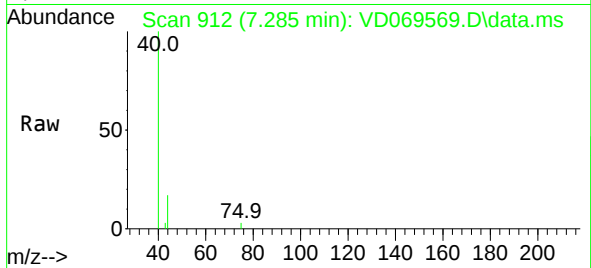
Tgt Ion:	113	Resp:	14879
Ion Ratio	Lower	Upper	
113	100		
111	109.0	81.8	122.8
192	18.9	13.8	20.6



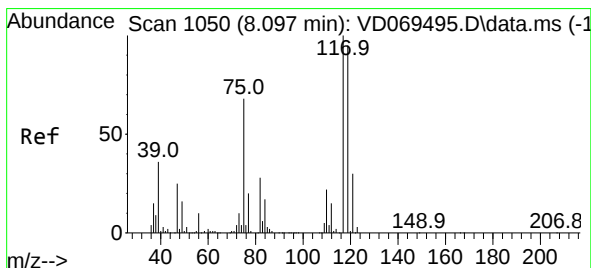
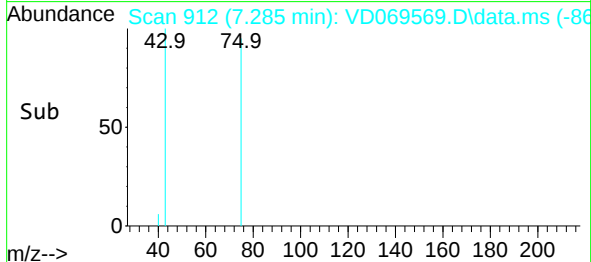
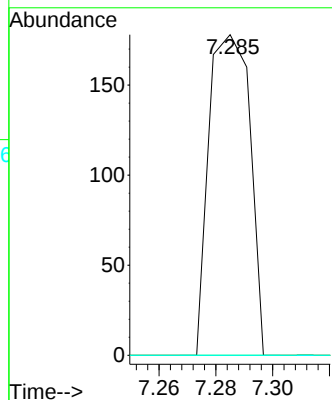


#37
Ethyl Acetate
Concen: 1.205 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

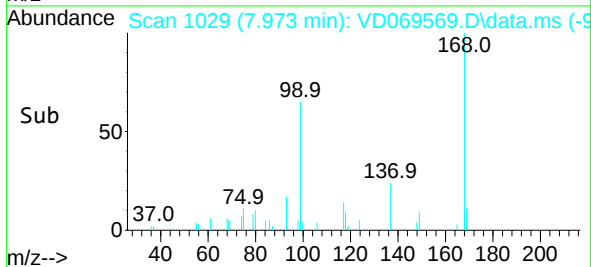
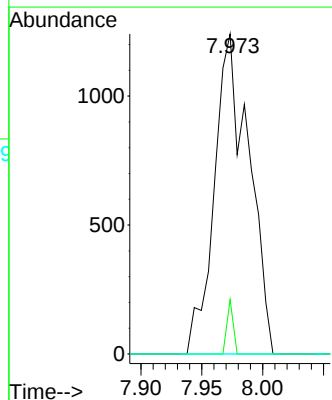
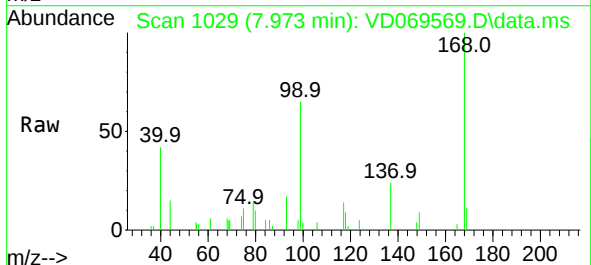


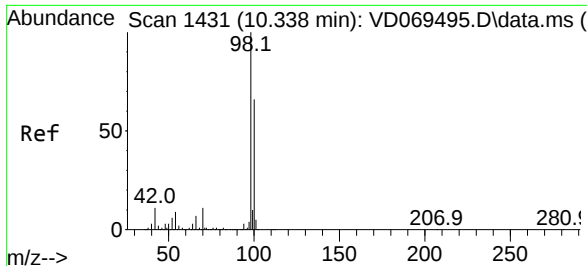
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.5 14.3#



#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 117 Resp: 2451
Ion Ratio Lower Upper
117 100
119 17.0 75.6 113.4#
121 0.0 23.8 35.8#

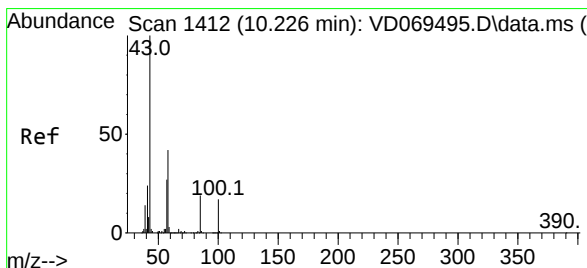
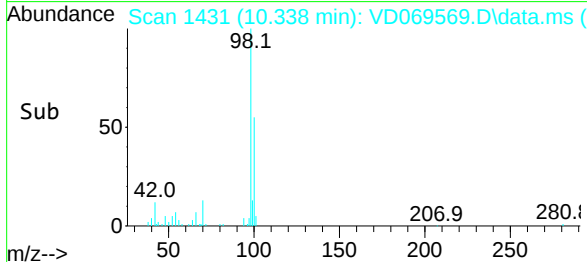
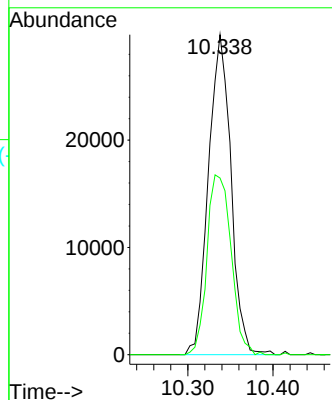
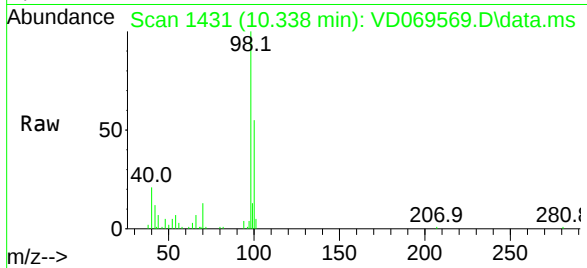




#50
Toluene-d8
Concen: 53.300 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

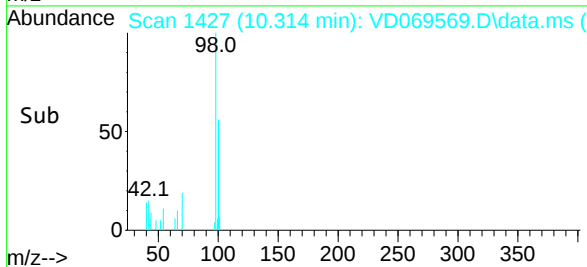
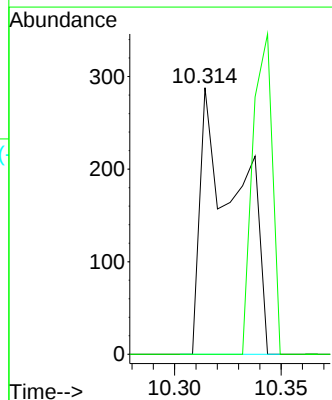
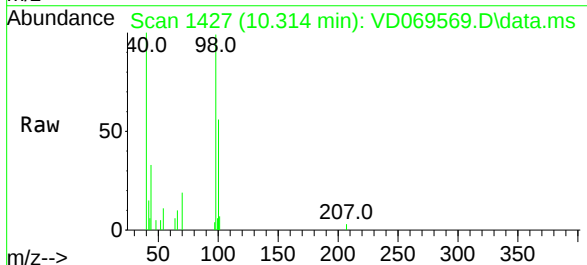
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

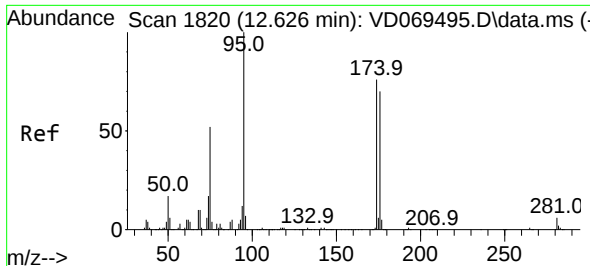
Tgt Ion: 98 Resp: 54826
Ion Ratio Lower Upper
98 100
100 60.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 2.515 ug/l
RT: 10.314 min Scan# 1427
Delta R.T. 0.088 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 0.0 33.6 50.4#

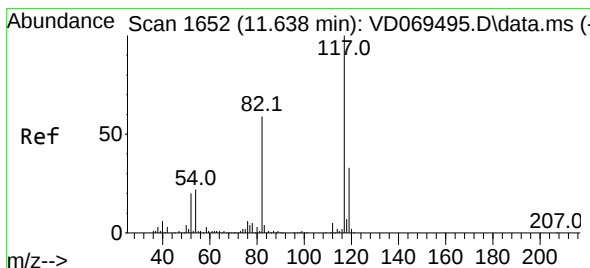
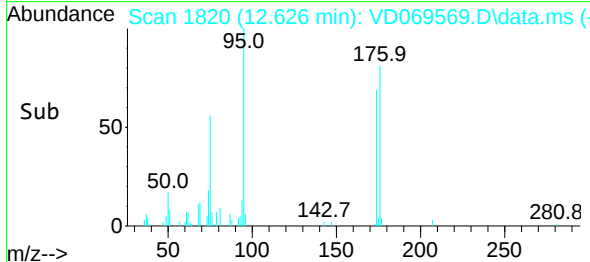
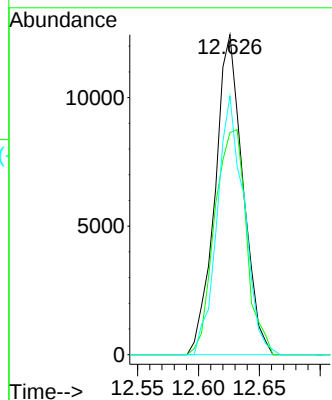
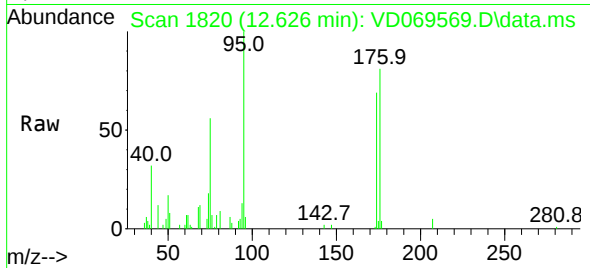




#62
4-Bromofluorobenzene
Concen: 58.820 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

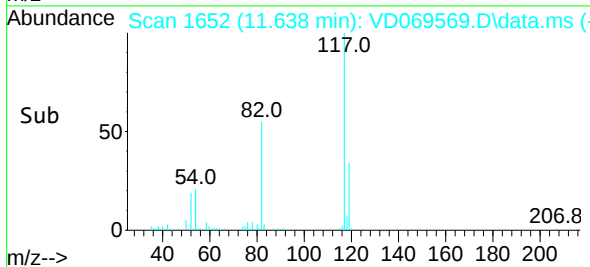
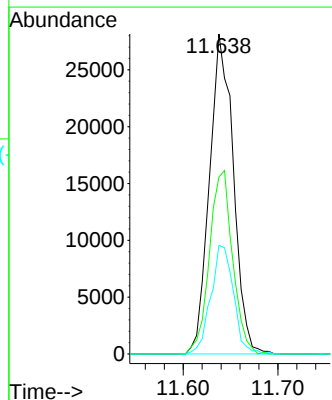
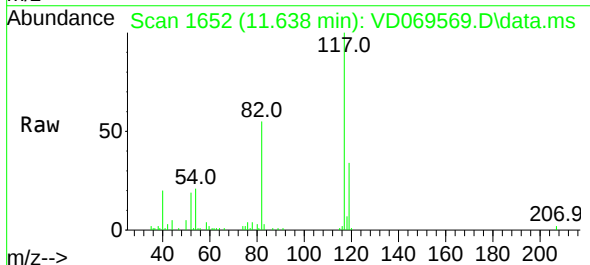
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

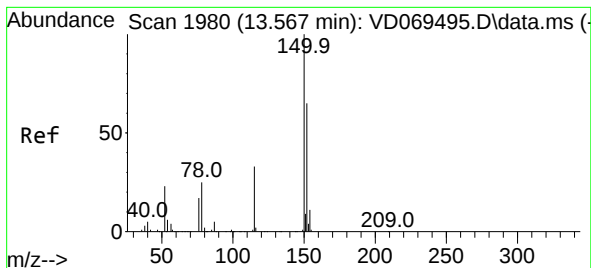
Tgt Ion:	95	Resp:	19891
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	148.0
176	77.9	0.0	139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069569.D
Acq: 25 Jun 2021 16:46

Tgt Ion:	117	Resp:	49373
Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.8	70.2
119	34.0	26.2	39.2

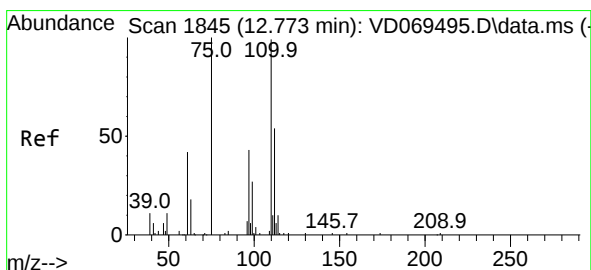
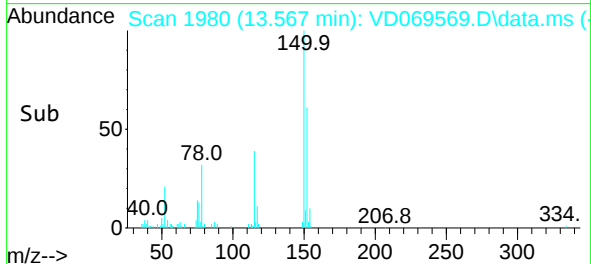
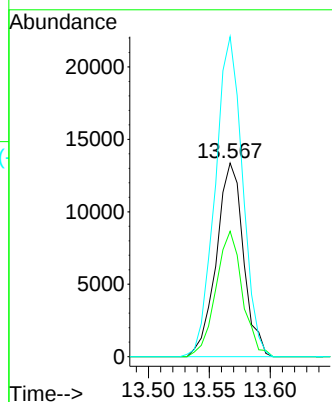
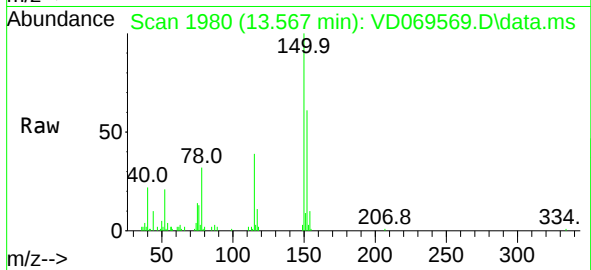




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069569.D
 Acq: 25 Jun 2021 16:46

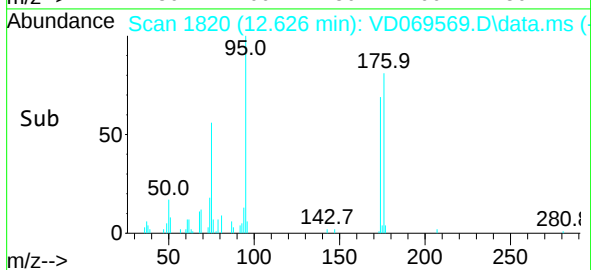
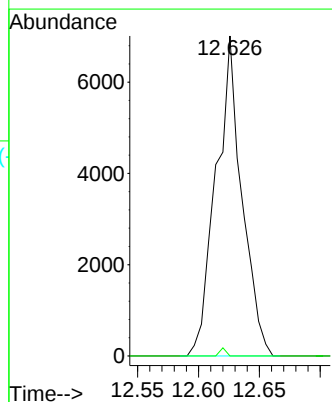
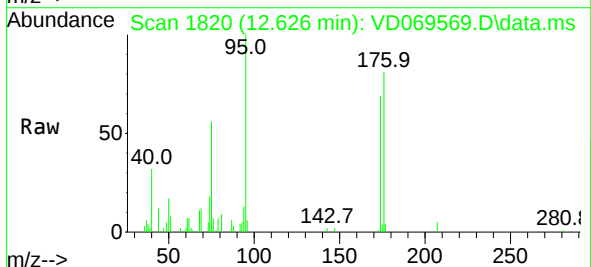
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-9.5-10.0

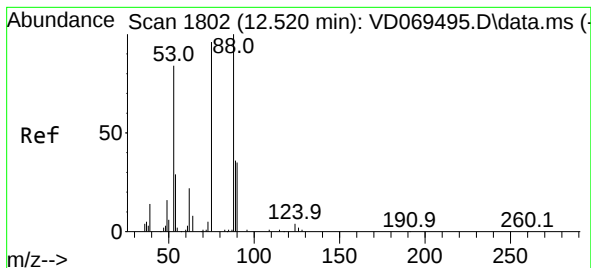
Tgt Ion:152 Resp: 20685
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.7 95.1
 150 167.2 0.0 350.8



#76
 1,2,3-Trichloropropane
 Concen: 51.101 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069569.D
 Acq: 25 Jun 2021 16:46

Tgt Ion: 75 Resp: 10376
 Ion Ratio Lower Upper
 75 100
 77 0.6 162.6 487.8#

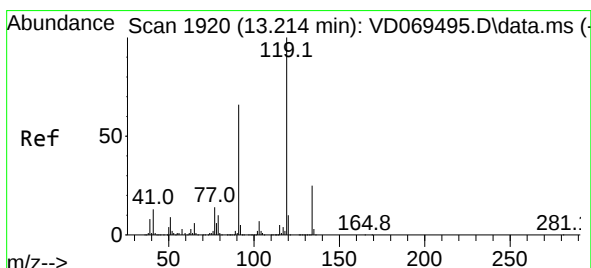
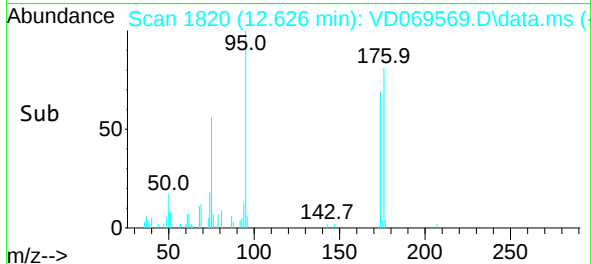
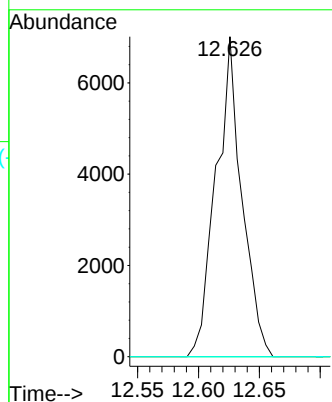
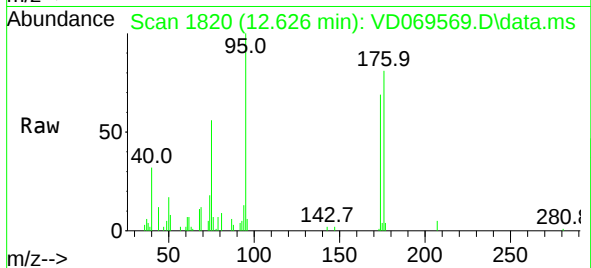




#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.592 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD069569.D
 Acq: 25 Jun 2021 16:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-9.5-10.0

Tgt Ion: 75 Resp: 10376
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 112.0#
 89 0.0 35.3 52.9#



#83
 tert-Butylbenzene
 Concen: 2.046 ug/l
 RT: 13.202 min Scan# 1918
 Delta R.T. -0.012 min
 Lab File: VD069569.D
 Acq: 25 Jun 2021 16:46

Tgt Ion: 119 Resp: 60
 Ion Ratio Lower Upper
 119 100
 91 0.0 32.5 97.4#
 134 0.0 12.9 38.7#

