

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069594.D
 Acq On : 06 Jul 2021 20:59
 Operator : VA/SY
 Sample : M2946-01
 Misc : 6.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Jul 07 04:56:11 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)

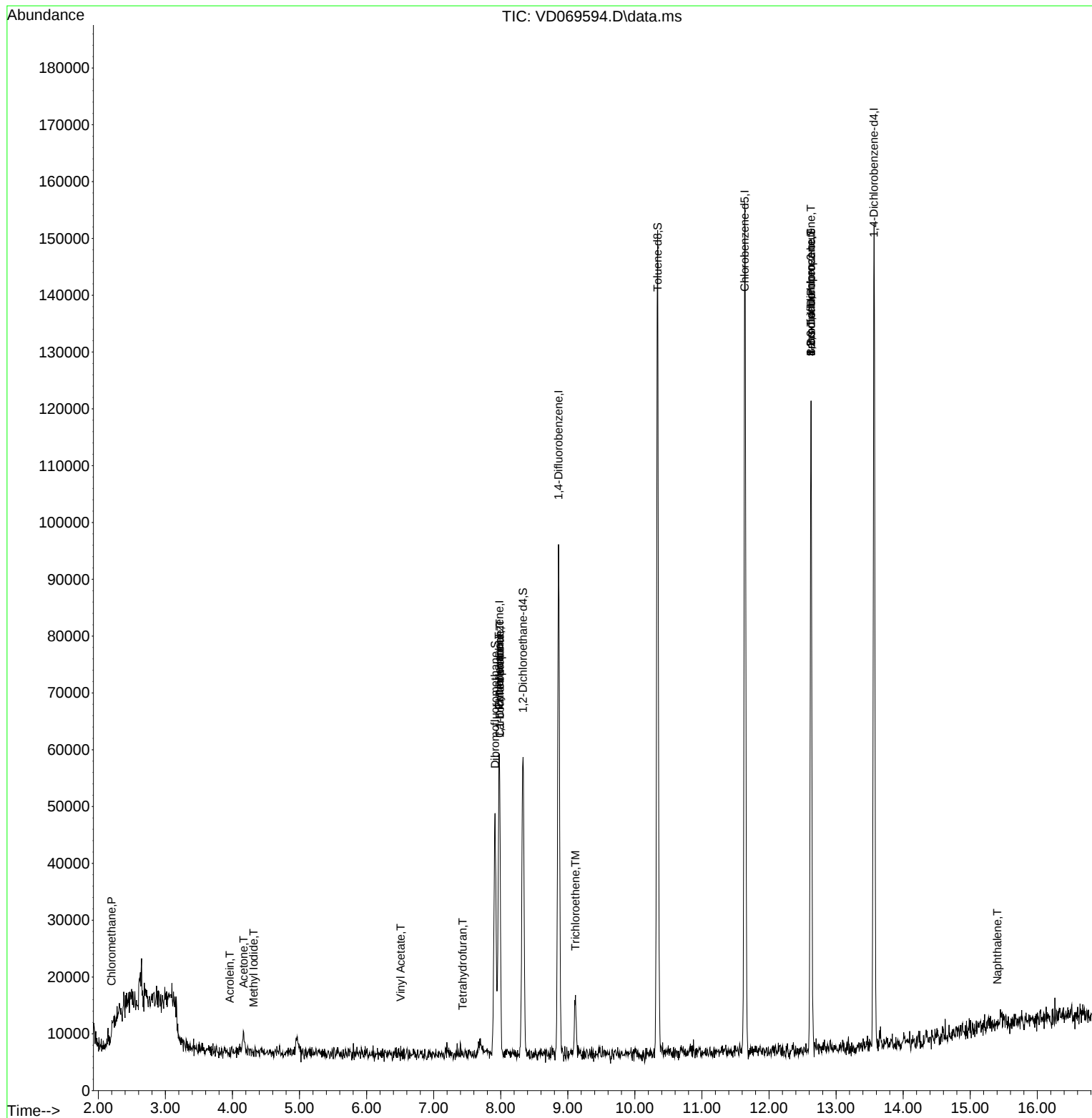
Internal Standards						
1) Pentafluorobenzene	7.979	168	35990	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	72538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	40522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	43597	97.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.360%#	
35) Dibromofluoromethane	7.914	113	30612	62.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.860%	
50) Toluene-d8	10.338	98	97975	53.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.626	95	37641	62.251	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.500%	
Target Compounds						
						Qvalue
3) Chloromethane	2.197	50	792	1.568	ug/l	# 42
10) Methyl Iodide	4.315	142	233	4.510	ug/l	# 80
11) Tert butyl alcohol	5.209	59	69	Below Cal	#	83
13) Acrolein	3.962	56	57	2.283	ug/l	# 15
16) Acetone	4.168	43	5133	67.980	ug/l	100
18) Methyl Acetate	4.709	43	56	Below Cal	#	49
20) Methylene Chloride	4.956	84	1001	Below Cal	#	80
23) Vinyl Acetate	6.509	43	62	19.100	ug/l	# 70
29) Tetrahydrofuran	7.432	42	70	1.331	ug/l	# 31
31) Cyclohexane	7.973	56	1009	1.670	ug/l	# 5
36) 1,1-Dichloropropene	7.985	75	3026	4.250	ug/l	# 43
38) Carbon Tetrachloride	7.985	117	3878	5.504	ug/l	# 13
44) Trichloroethene	9.114	130	3932	7.592	ug/l	60
71) Bromoform	12.626	173	500	1.554	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	18175	45.692	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	18175	114.086	ug/l	# 13
95) Naphthalene	15.402	128	69	3.405	ug/l	# 69

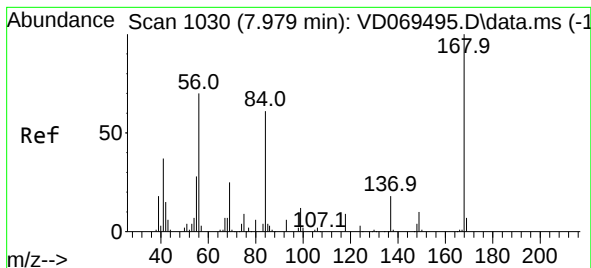
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
Data File : VD069594.D
Acq On : 06 Jul 2021 20:59
Operator : VA/SY
Sample : M2946-01
Misc : 6.92G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Quant Time: Jul 07 04:56:11 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

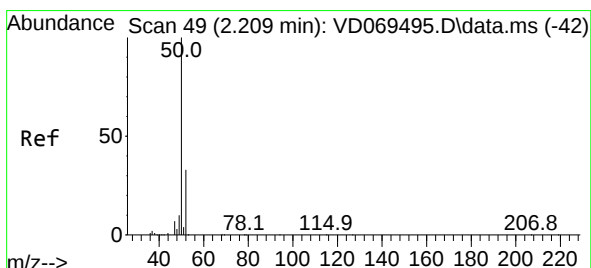
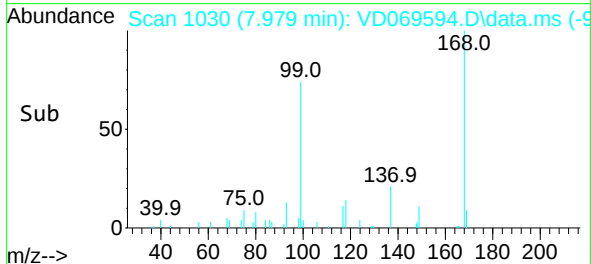
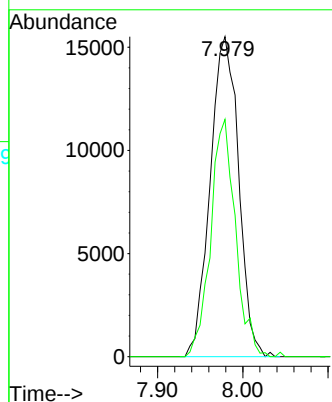
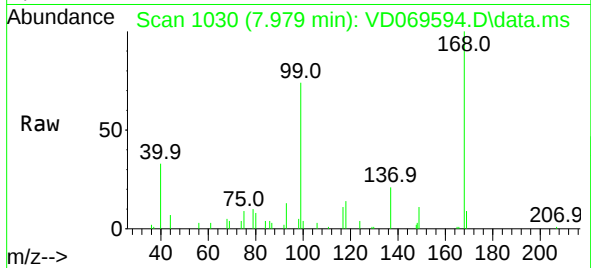




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

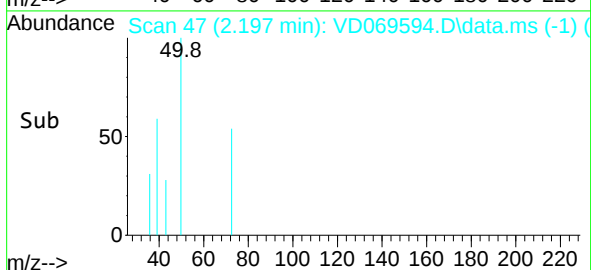
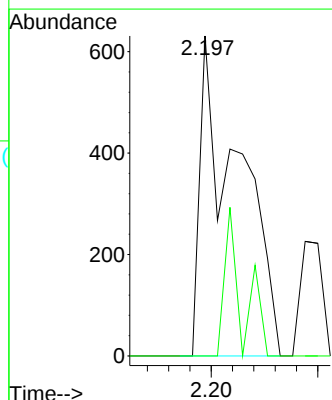
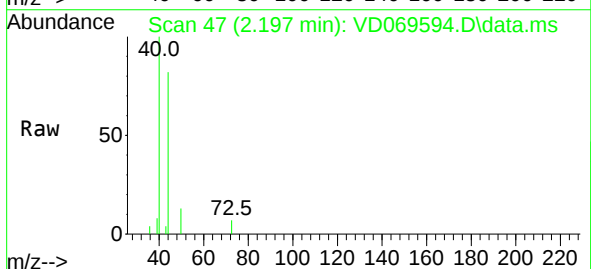
Instrument :
MSVOA_D
ClientSampled :
SB-1

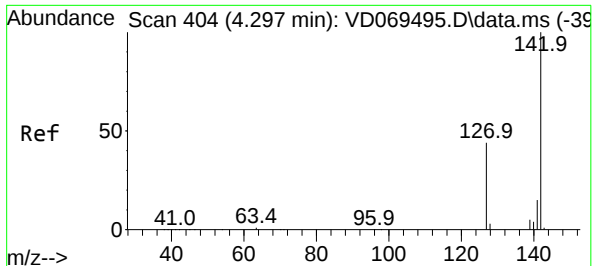
Tgt Ion:168 Resp: 35990
Ion Ratio Lower Upper
168 100
99 74.2 49.3 73.9#



#3
Chloromethane
Concen: 1.568 ug/l
RT: 2.197 min Scan# 47
Delta R.T. -0.012 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 50 Resp: 792
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

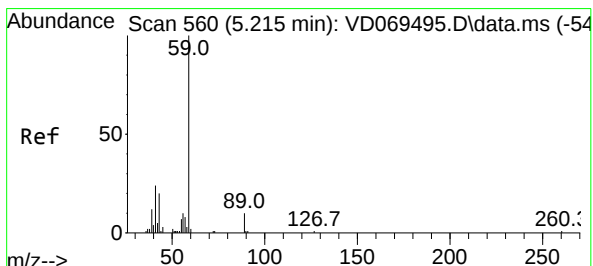
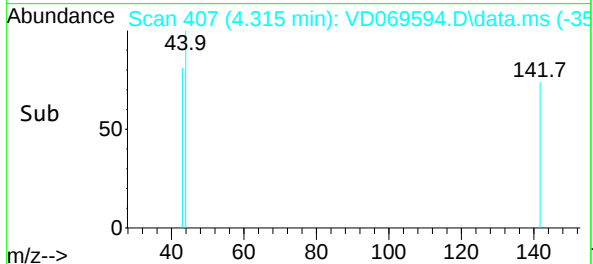
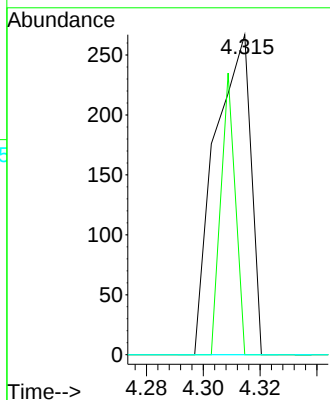
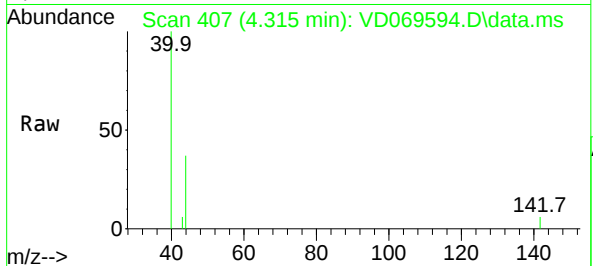




#10
Methyl Iodide
Concen: 4.510 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

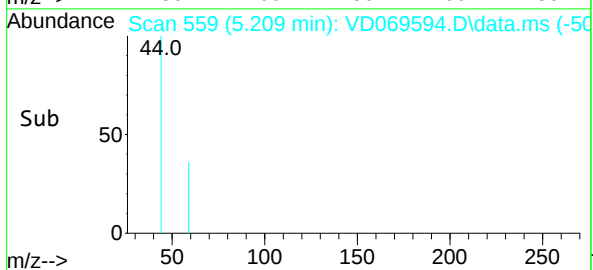
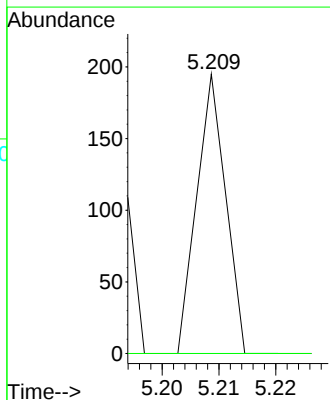
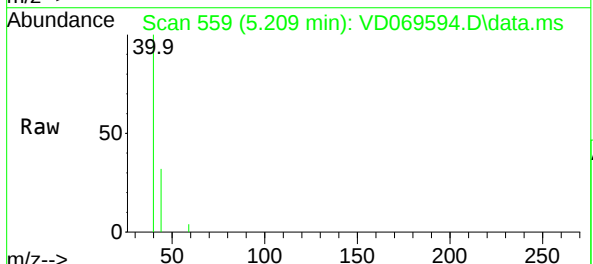
Instrument :
MSVOA_D
ClientSampled :
SB-1

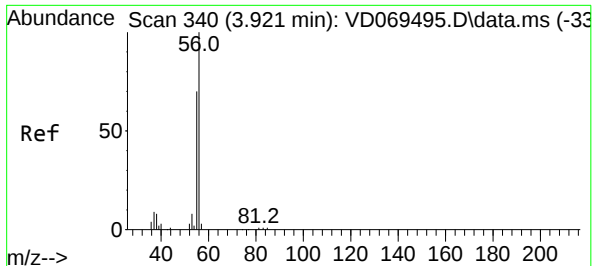
Tgt Ion:142 Resp: 233
Ion Ratio Lower Upper
142 100
127 35.6 36.5 54.7#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.006 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#

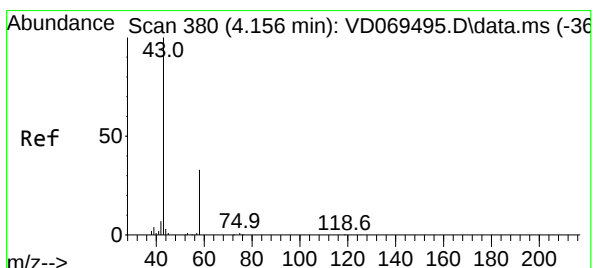
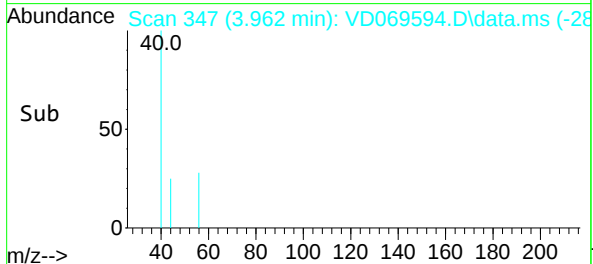
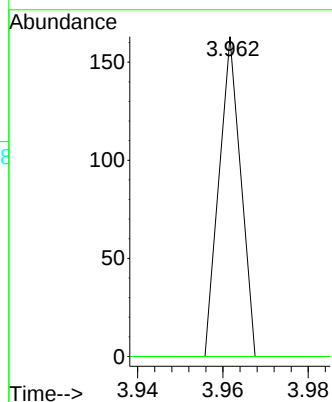
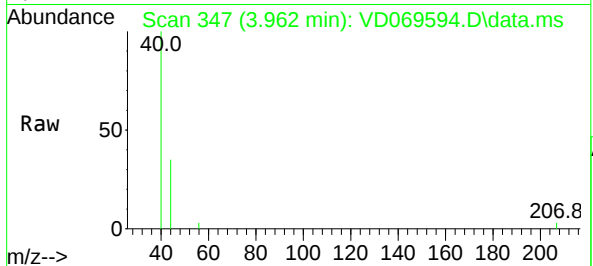




#13
Acrolein
Concen: 2.283 ug/l
RT: 3.962 min Scan# 347
Delta R.T. 0.041 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

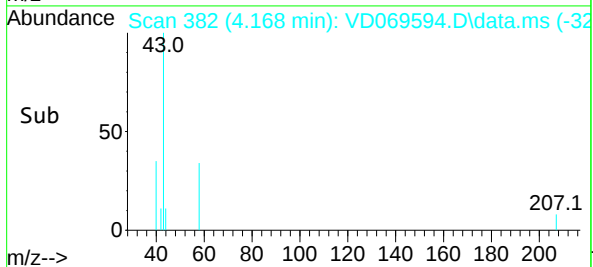
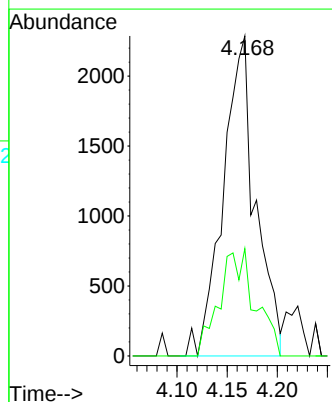
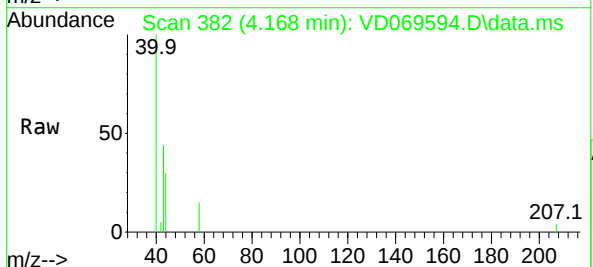
Instrument :
MSVOA_D
ClientSampleId :
SB-1

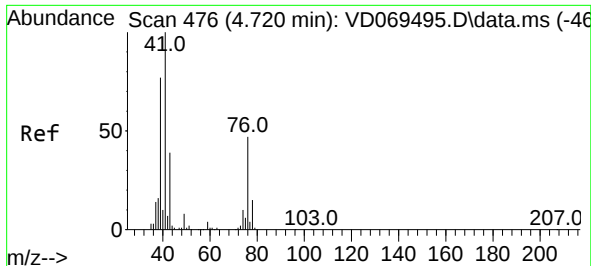
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 67.980 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 43 Resp: 5133
Ion Ratio Lower Upper
43 100
58 33.5 26.8 40.2

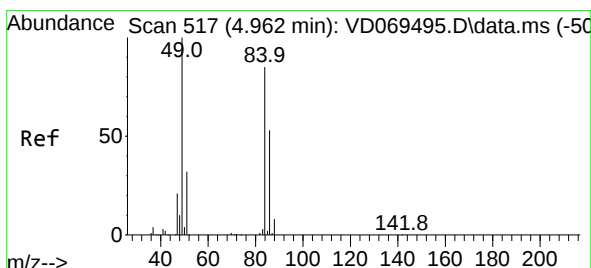
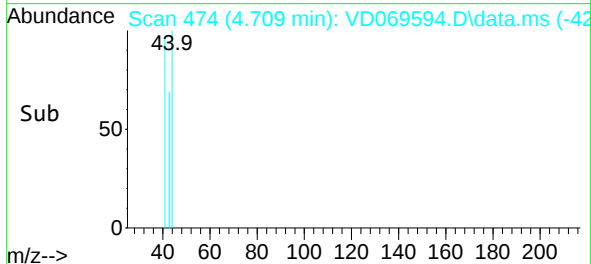
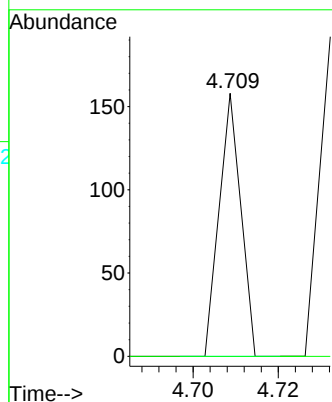
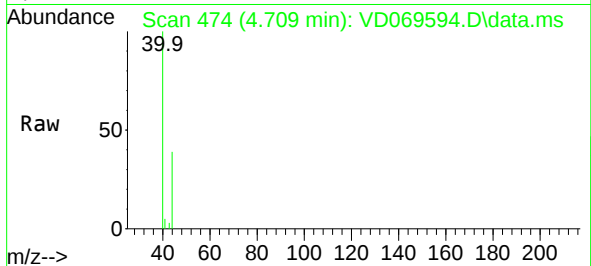




#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

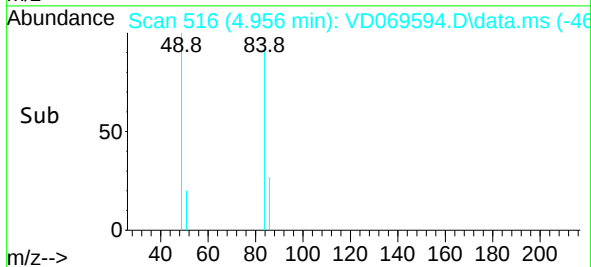
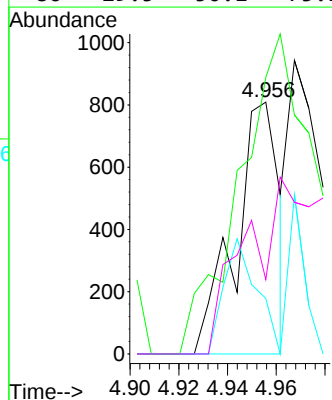
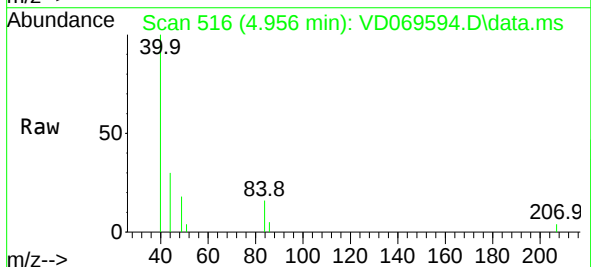
Instrument :
MSVOA_D
ClientSampled :
SB-1

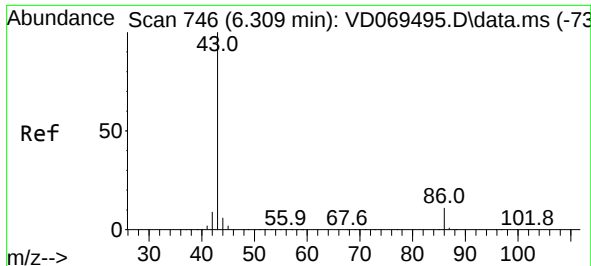
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 84 Resp: 1001
Ion Ratio Lower Upper
84 100
49 109.8 94.0 141.0
51 22.0 29.7 44.5#
86 29.5 50.1 75.1#

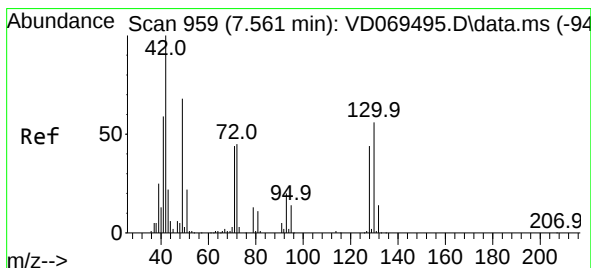
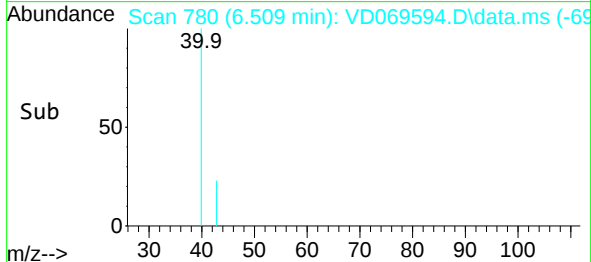
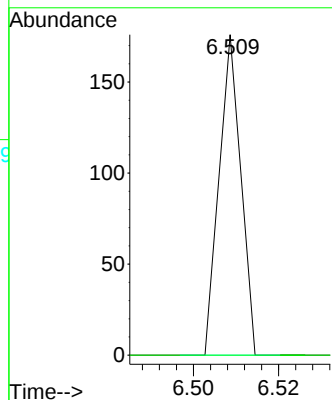
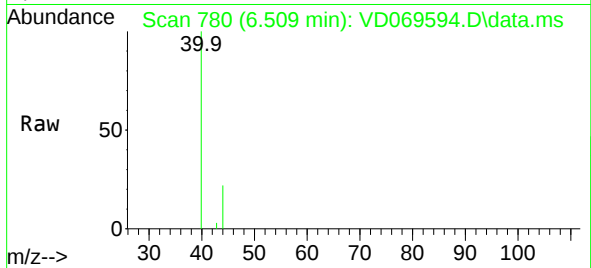




#23
 Vinyl Acetate
 Concen: 19.100 ug/l
 RT: 6.509 min Scan# 780
 Delta R.T. 0.200 min
 Lab File: VD069594.D
 Acq: 06 Jul 2021 20:59

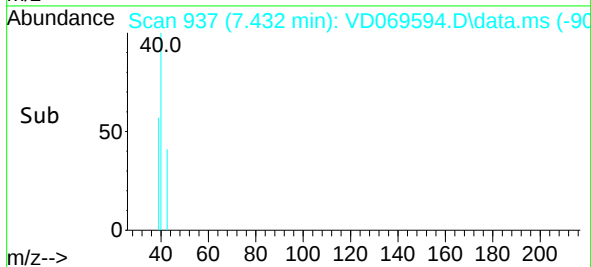
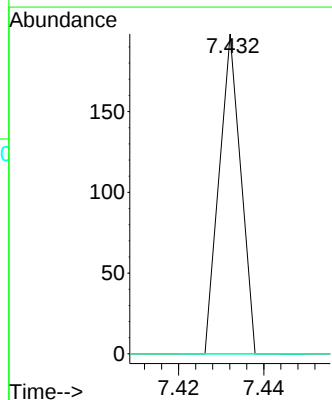
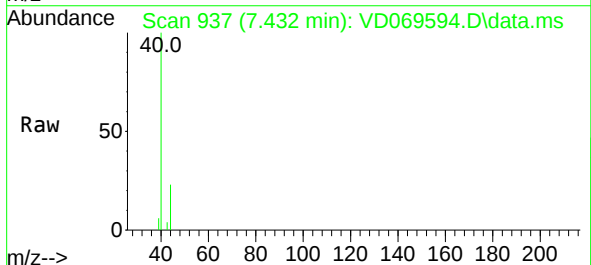
Instrument :
 MSVOA_D
 ClientSampled :
 SB-1

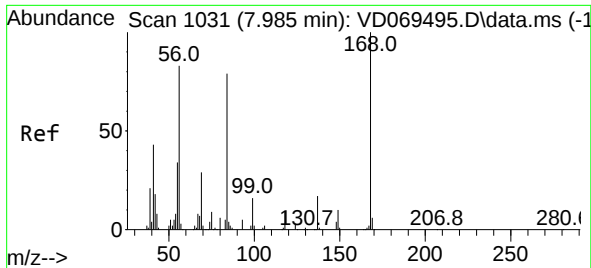
Tgt Ion: 43 Resp: 62
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.1 13.7#



#29
 Tetrahydrofuran
 Concen: 1.331 ug/l
 RT: 7.432 min Scan# 937
 Delta R.T. -0.129 min
 Lab File: VD069594.D
 Acq: 06 Jul 2021 20:59

Tgt Ion: 42 Resp: 70
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.9 56.9#
 71 0.0 35.1 52.7#

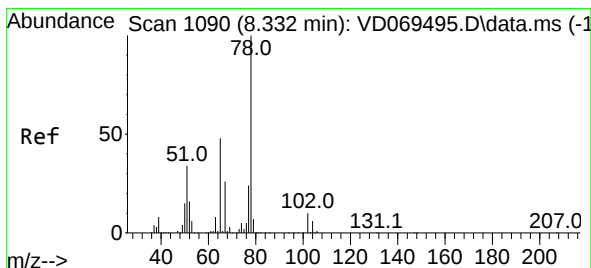
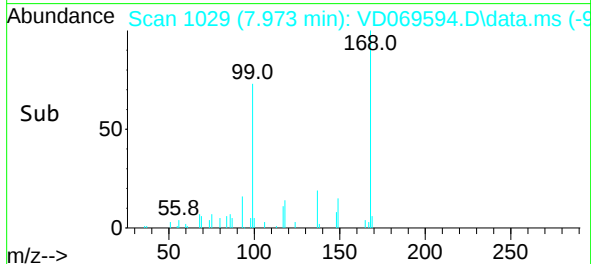
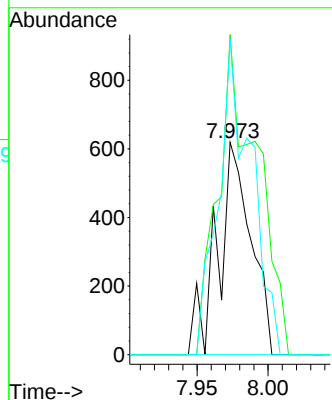
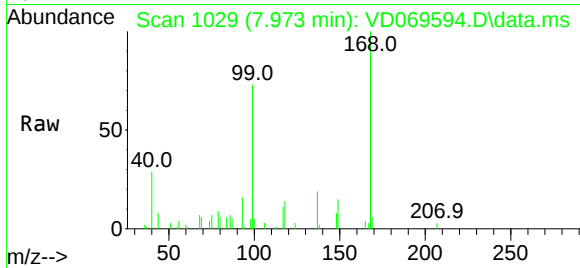




#31
Cyclohexane
Concen: 1.670 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

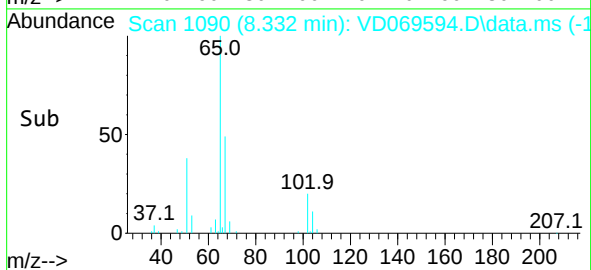
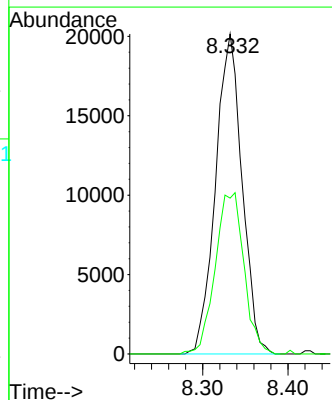
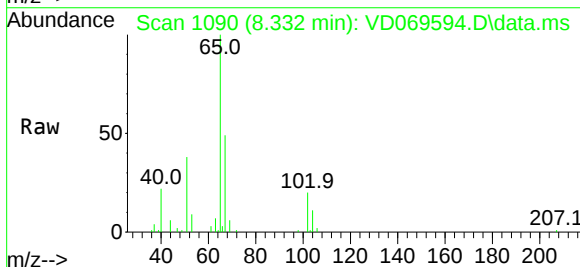
Instrument :
MSVOA_D
ClientSampled :
SB-1

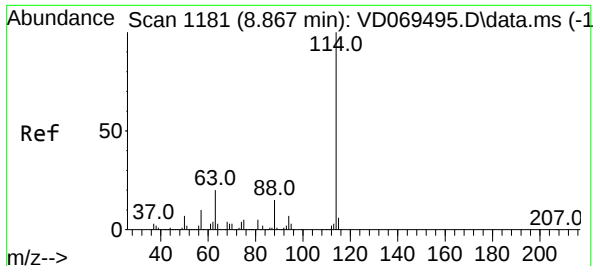
Tgt Ion: 56 Resp: 1009
Ion Ratio Lower Upper
56 100
69 150.7 28.0 42.0#
84 148.9 75.7 113.5#



#33
1,2-Dichloroethane-d4
Concen: 97.183 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 65 Resp: 43597
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6



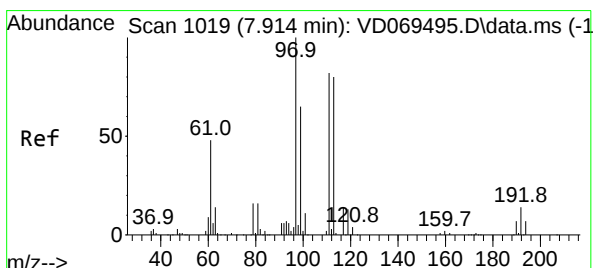
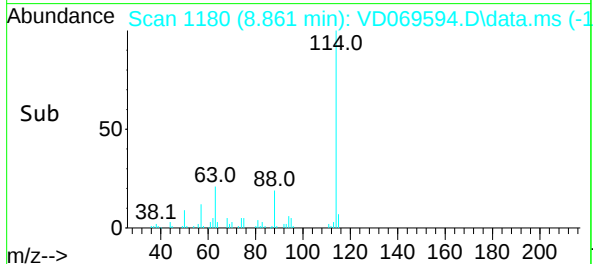
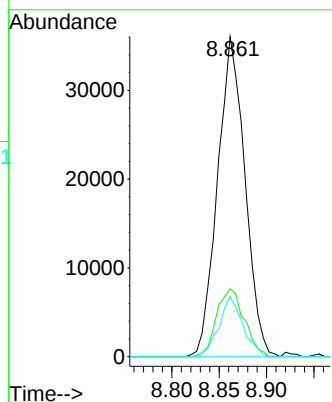
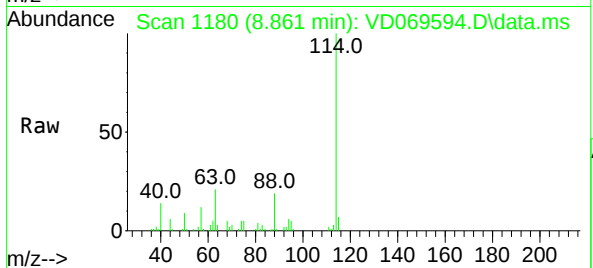


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Instrument :
MSVOA_D
ClientSampleId :
SB-1

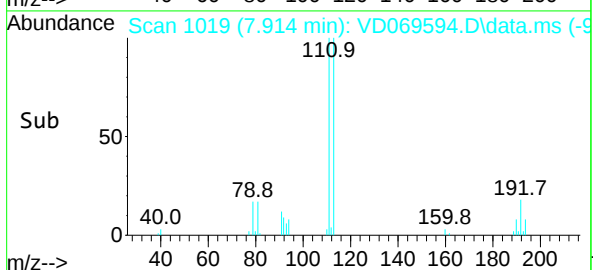
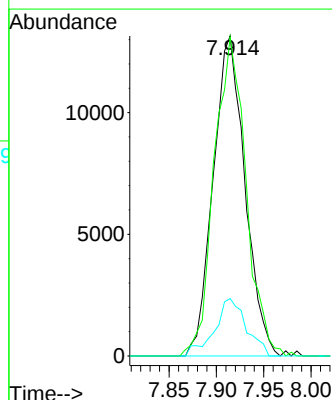
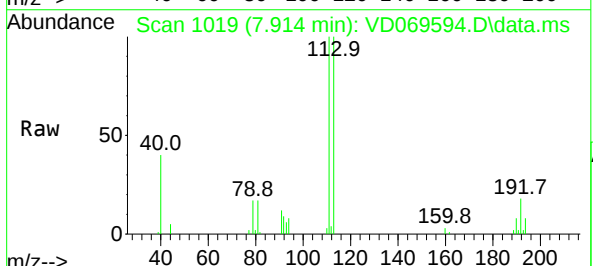
Tgt Ion:114	Resp:	72538
Ion Ratio	Lower	Upper
114	100	
63	21.2	0.0 39.6
88	18.8	0.0 29.8

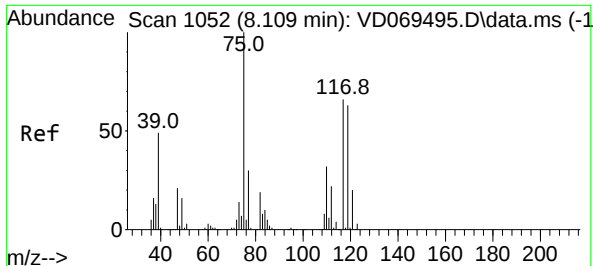


#35

Dibromofluoromethane
Concen: 62.430 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion:113	Resp:	30612
Ion Ratio	Lower	Upper
113	100	
111	100.3	81.8 122.8
192	17.9	13.8 20.6

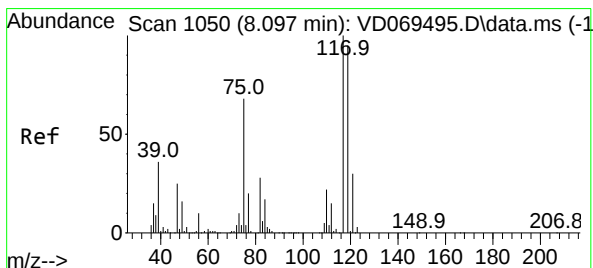
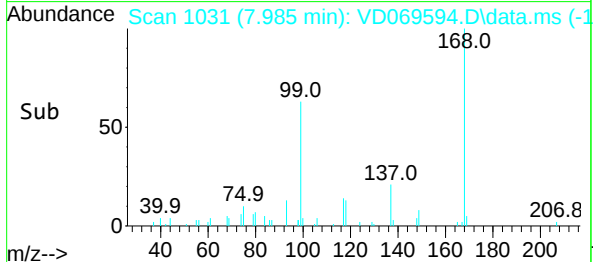
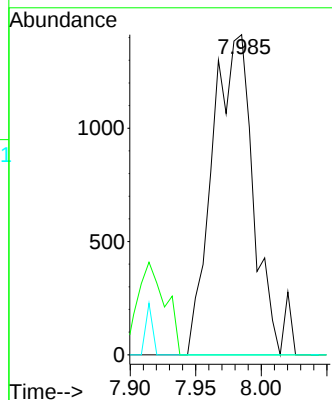
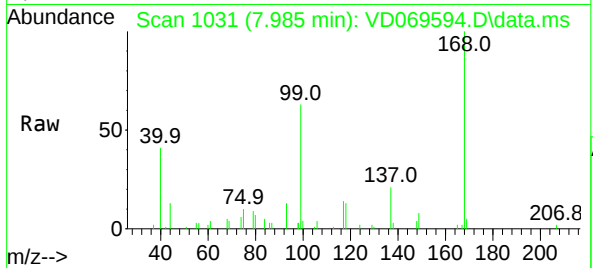




#36
1,1-Dichloropropene
Concen: 4.250 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.124 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

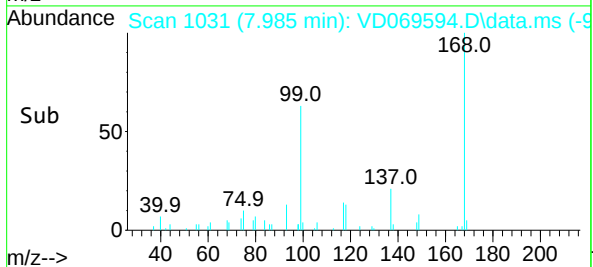
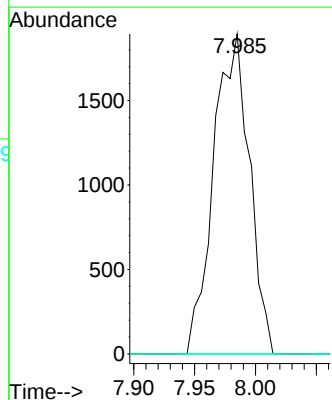
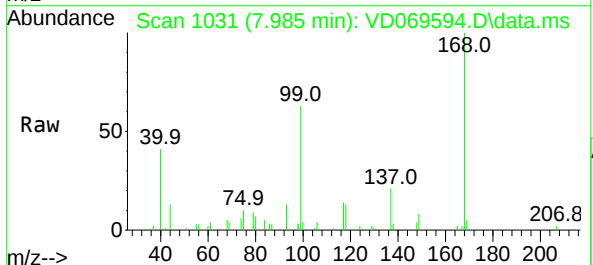
Instrument :
MSVOA_D
ClientSampled :
SB-1

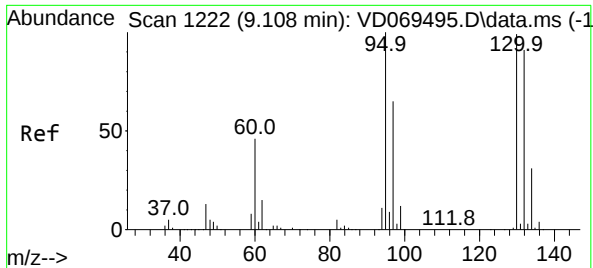
Tgt Ion: 75 Resp: 3026
Ion Ratio Lower Upper
75 100
110 0.0 16.8 50.4#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.504 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 117 Resp: 3878
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 23.8 35.8#

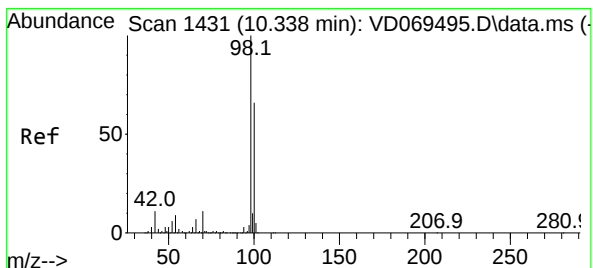
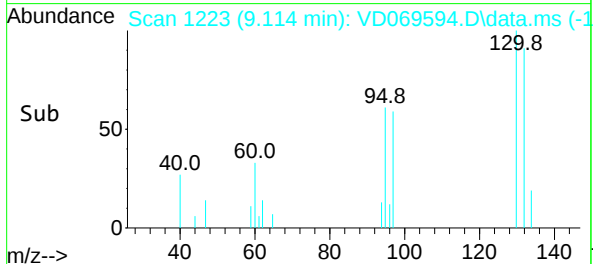
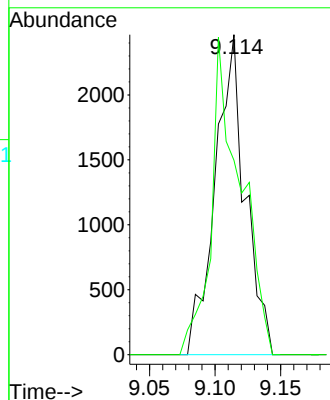
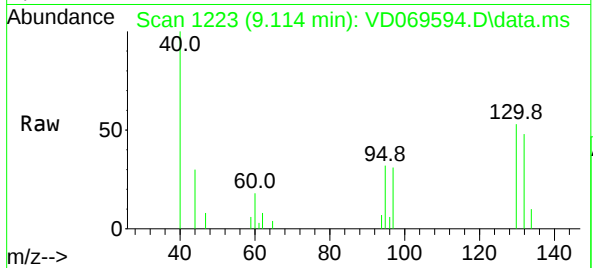




#44
Trichloroethene
Concen: 7.592 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

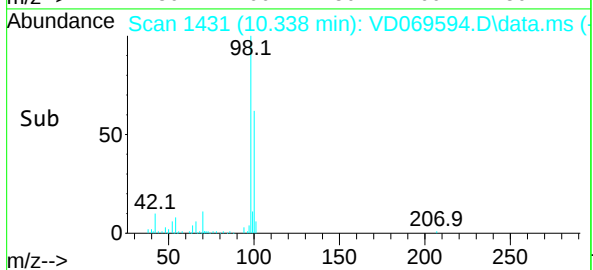
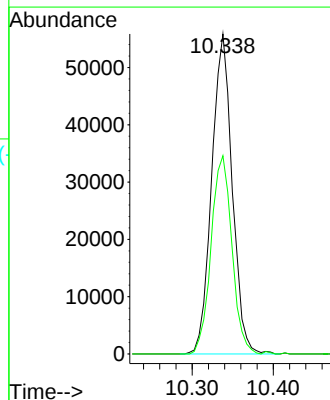
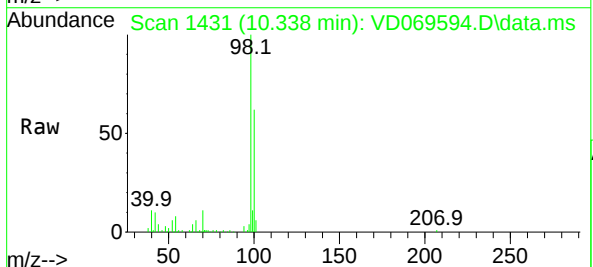
Instrument :
MSVOA_D
ClientSampled :
SB-1

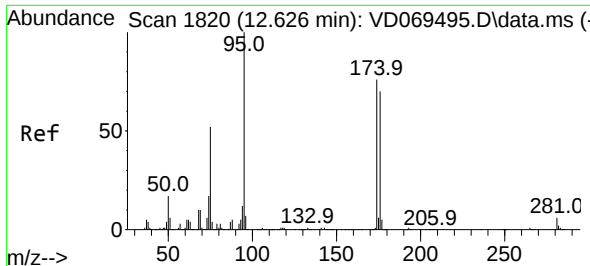
Tgt Ion:130 Resp: 3932
Ion Ratio Lower Upper
130 100
95 60.8 0.0 202.2



#50
Toluene-d8
Concen: 53.269 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 98 Resp: 97975
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5

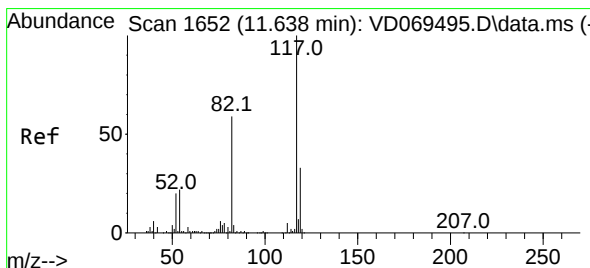
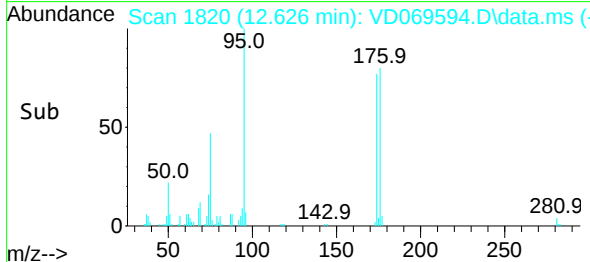
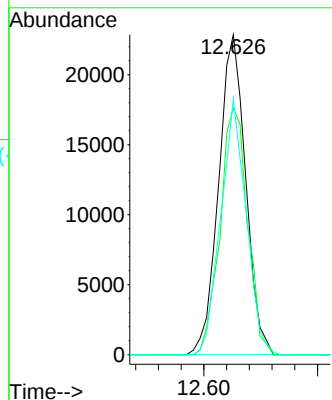
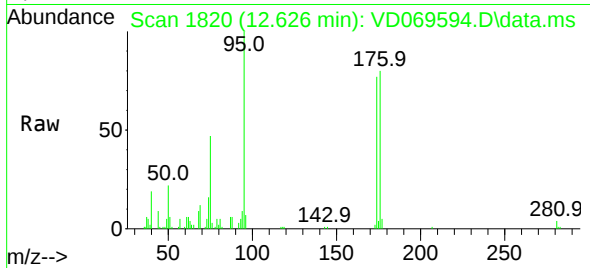




#62
4-Bromofluorobenzene
Concen: 62.251 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

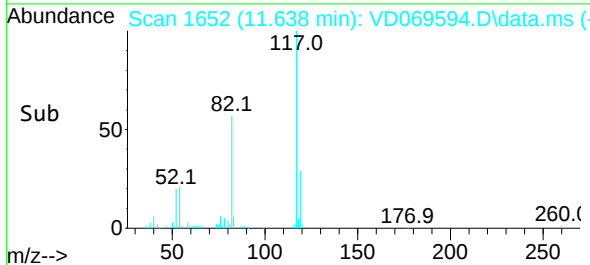
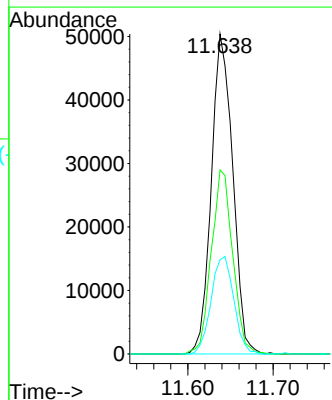
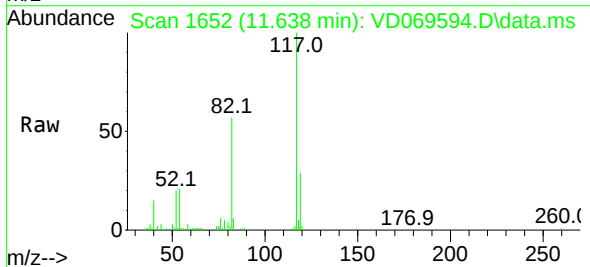
Instrument :
MSVOA_D
ClientSampleId :
SB-1

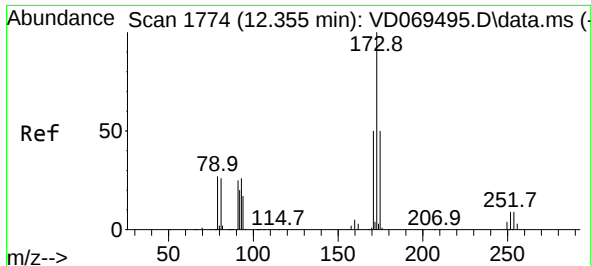
Tgt Ion: 95 Resp: 37641
Ion Ratio Lower Upper
95 100
174 78.4 0.0 148.0
176 75.4 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 117 Resp: 87798
Ion Ratio Lower Upper
117 100
82 57.5 46.8 70.2
119 29.5 26.2 39.2

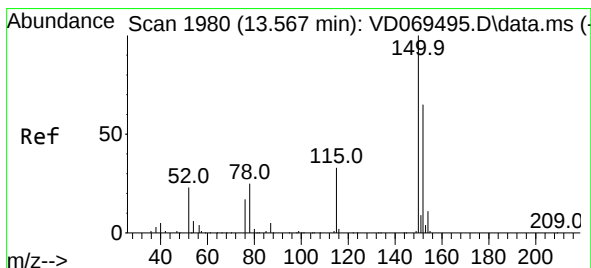
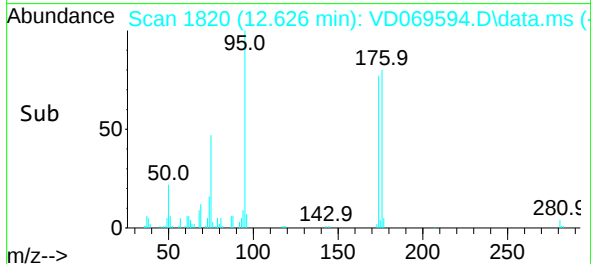
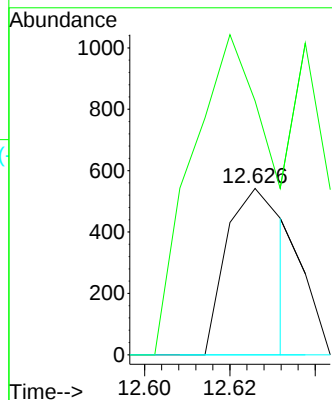
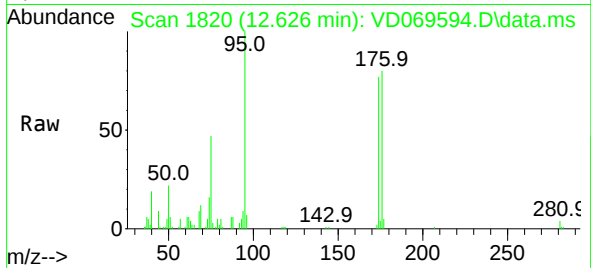




#71
Bromoform
Concen: 1.554 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

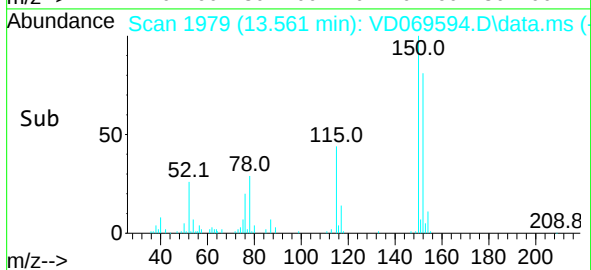
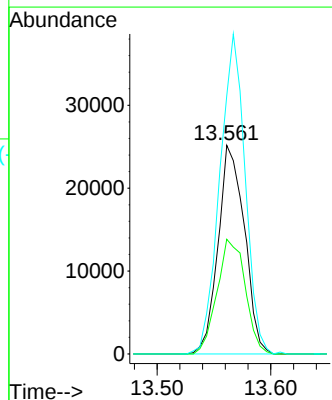
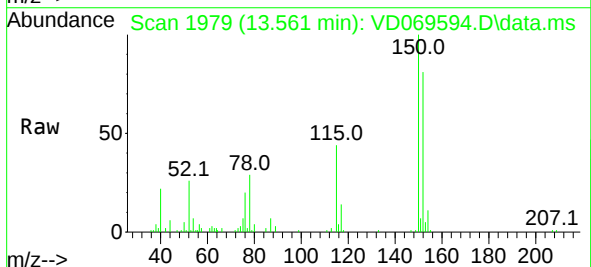
Instrument :
MSVOA_D
ClientSampled :
SB-1

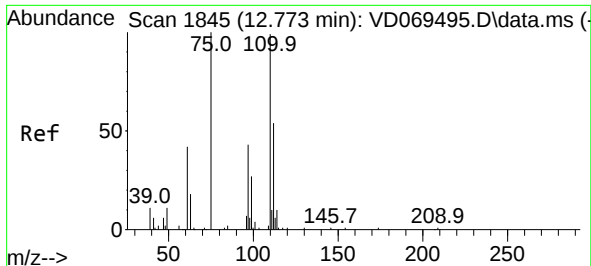
Tgt Ion:173 Resp: 500
Ion Ratio Lower Upper
173 100
175 263.0 24.6 73.8#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion:152 Resp: 40522
Ion Ratio Lower Upper
152 100
115 58.8 31.7 95.1
150 148.1 0.0 350.8

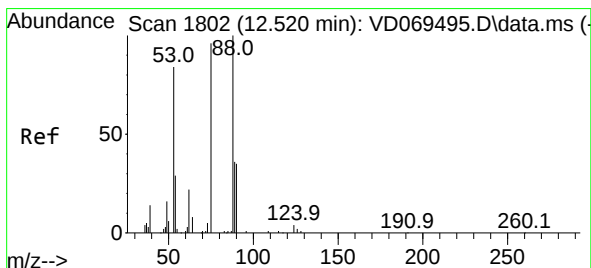
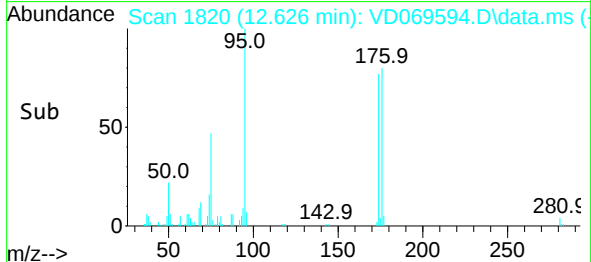
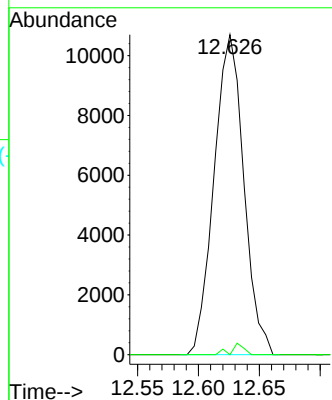
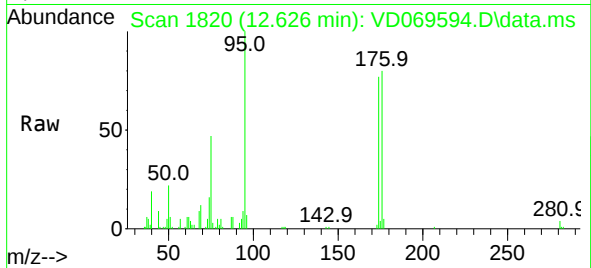




#76
1,2,3-Trichloropropane
Concen: 45.692 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

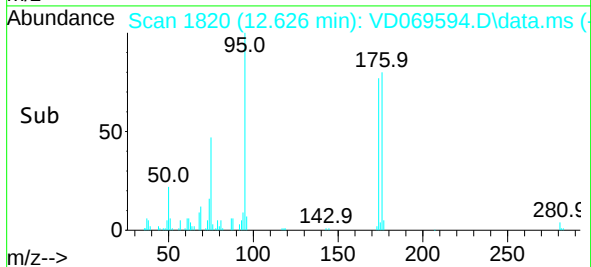
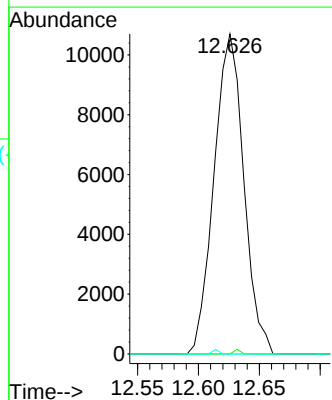
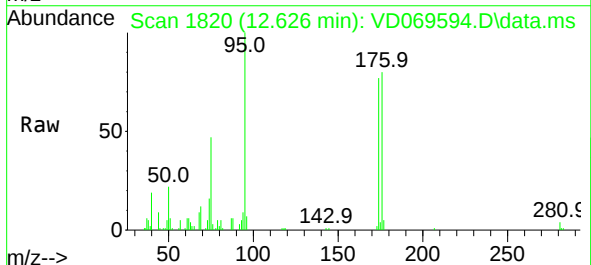
Instrument :
MSVOA_D
ClientSampled :
SB-1

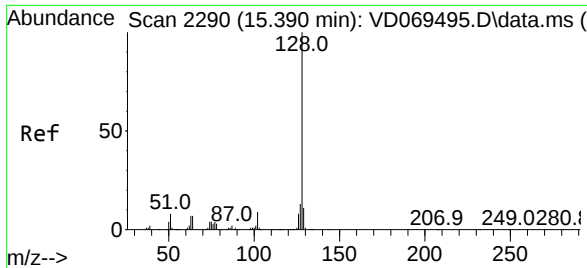
Tgt Ion: 75 Resp: 18175
Ion Ratio Lower Upper
75 100
77 1.5 162.6 487.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.086 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Tgt Ion: 75 Resp: 18175
Ion Ratio Lower Upper
75 100
53 0.3 74.6 112.0#
89 0.3 35.3 52.9#





#95
Naphthalene
Concen: 3.405 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.012 min
Lab File: VD069594.D
Acq: 06 Jul 2021 20:59

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion:128 Resp: 69
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

