

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068707.D
 Acq On : 29 Mar 2021 19:25
 Operator : VA/SY
 Sample : M1828-03
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB13(33-34)

Quant Time: Mar 30 01:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

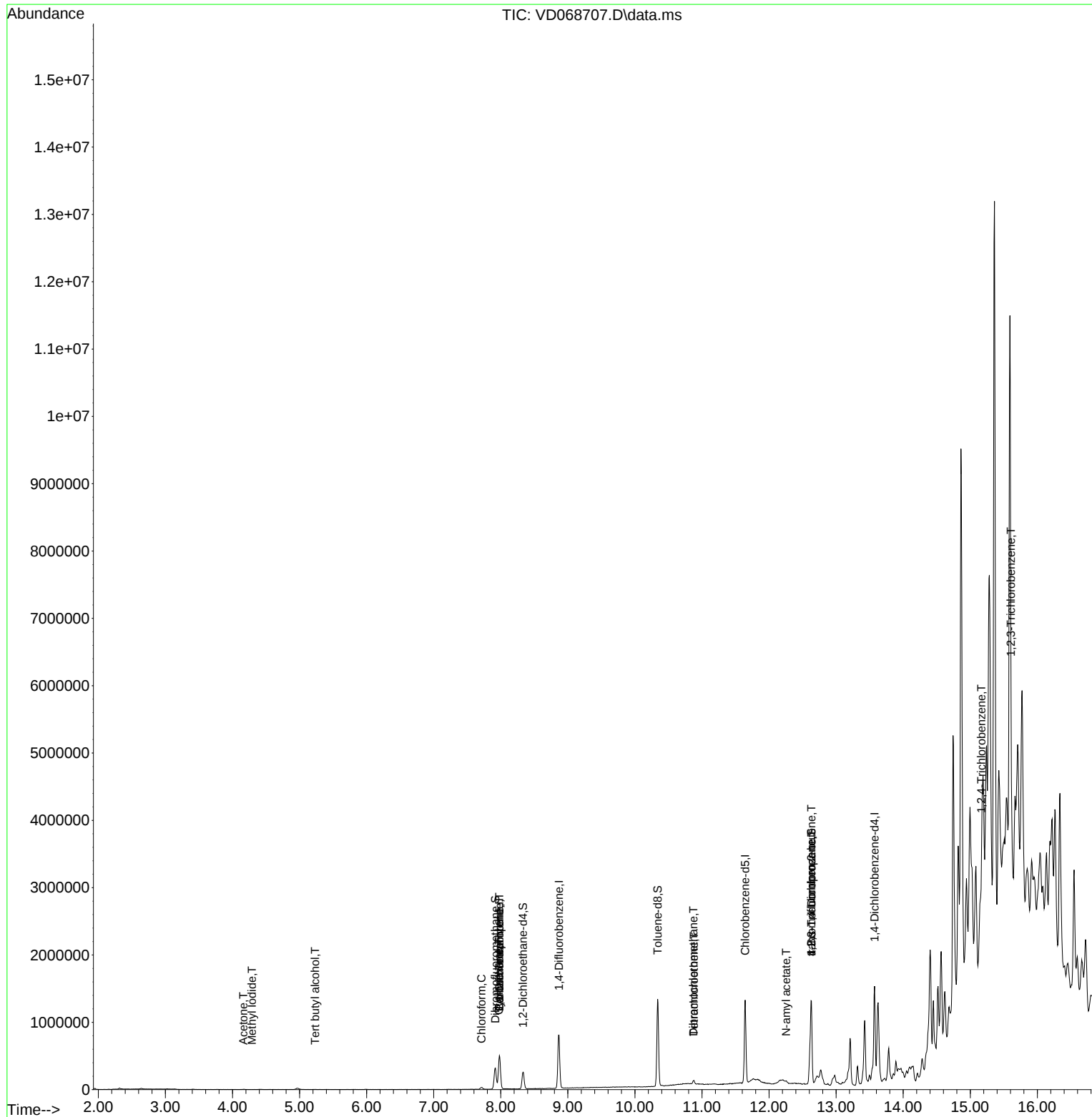
Internal Standards						
1) Pentafluorobenzene	7.979	168	381513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	731597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	727303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	366545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204948	53.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.54%			
35) Dibromofluoromethane	7.920	113	231115	50.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.54%			
50) Toluene-d8	10.338	98	934607	53.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.50%			
62) 4-Bromofluorobenzene	12.632	95	341296	59.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.96%			
Target Compounds					Qvalue	
10) Methyl Iodide	4.291	142	97	3.49	ug/l #	74
11) Tert butyl alcohol	5.232	59	2177	12.28	ug/l #	73
16) Acetone	4.162	43	4542	9.73	ug/l #	86
20) Methylene Chloride	4.967	84	16602	Below Cal	#	87
30) Chloroform	7.714	83	25079	3.38	ug/l	92
31) Cyclohexane	7.973	56	8093	1.30	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	28597	4.38	ug/l #	52
38) Carbon Tetrachloride	7.979	117	36891	5.66	ug/l #	18
60) Dibromochloromethane	10.873	129	11342	2.51	ug/l #	11
64) Tetrachloroethene	10.879	164	12262	2.60	ug/l	94
74) N-amyl acetate	12.255	43	6309	1.50	ug/l #	54
76) 1,2,3-Trichloropropane	12.632	75	171550	56.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	171550	127.93	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.167	180	6743	1.04	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.608	180	42463	7.67	ug/l #	13

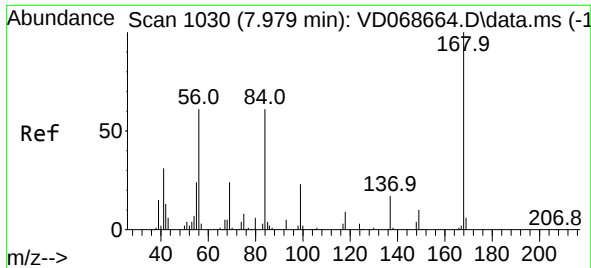
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068707.D
Acq On : 29 Mar 2021 19:25
Operator : VA/SY
Sample : M1828-03
Misc : 6.76G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

Quant Time: Mar 30 01:07:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

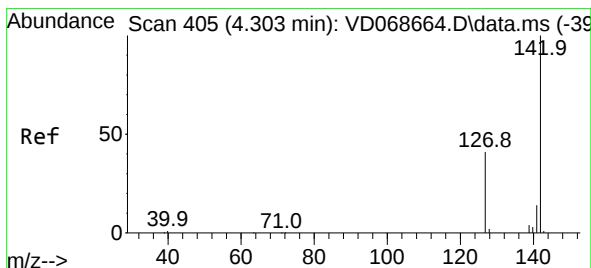
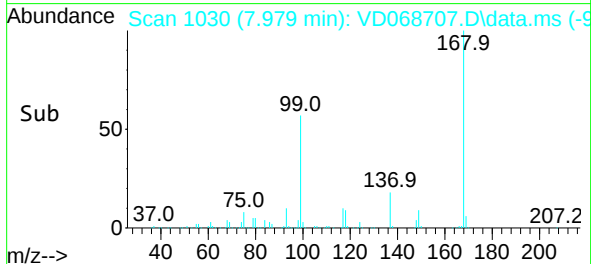
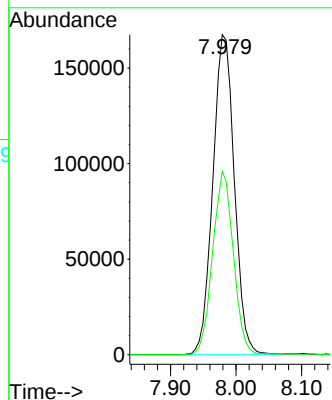
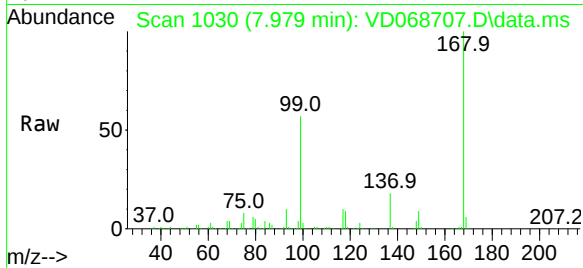




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

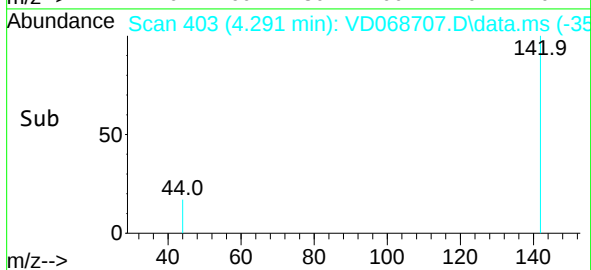
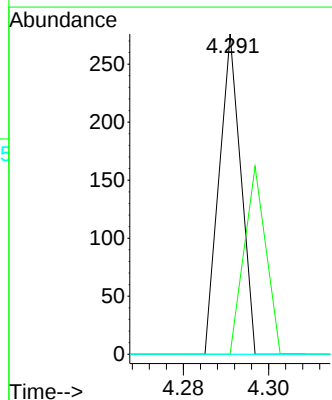
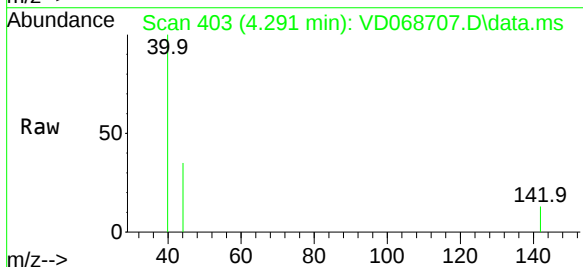
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

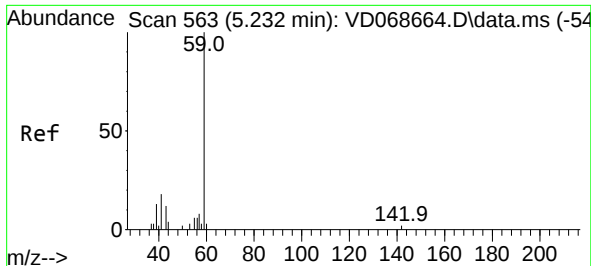
Tgt Ion:168 Resp: 381513
Ion Ratio Lower Upper
168 100
99 57.3 46.2 69.2



#10
Methyl Iodide
Concen: 3.49 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion:142 Resp: 97
Ion Ratio Lower Upper
142 100
127 58.8 34.7 52.1#
141 0.0 11.0 16.4#

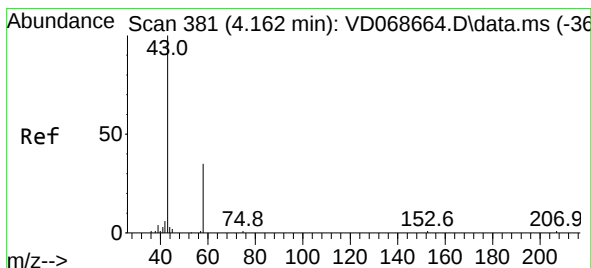
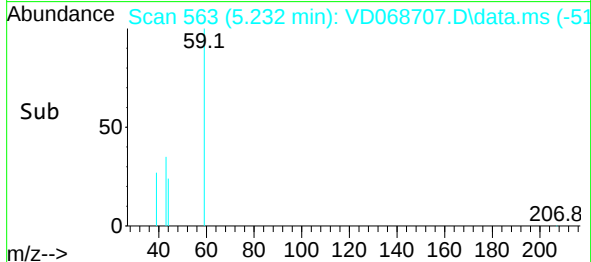
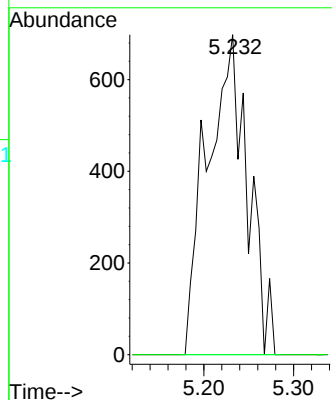
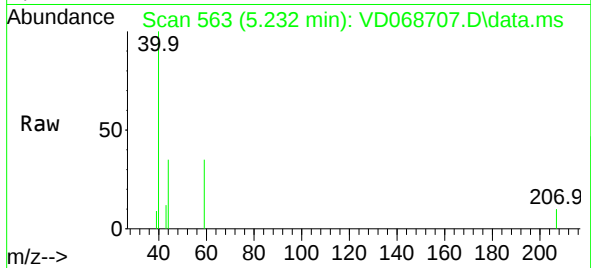




#11
Tert butyl alcohol
Concen: 12.28 ug/l
RT: 5.232 min Scan# 563
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

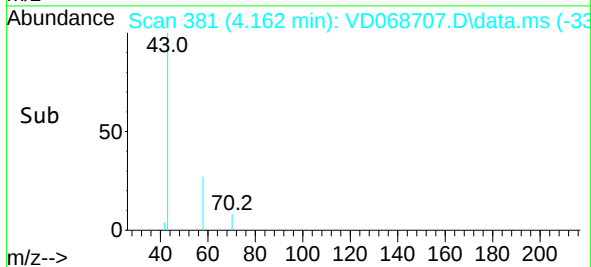
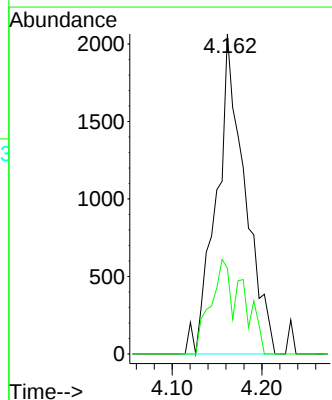
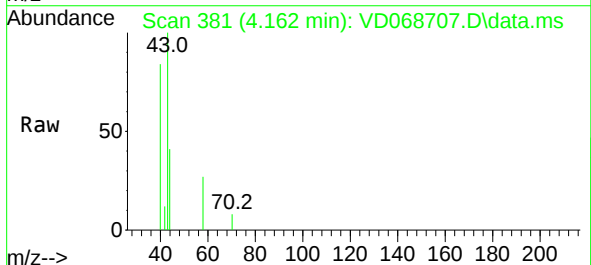
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

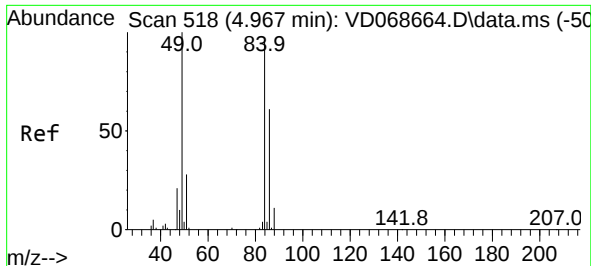
Tgt Ion: 59 Resp: 2177
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 9.73 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

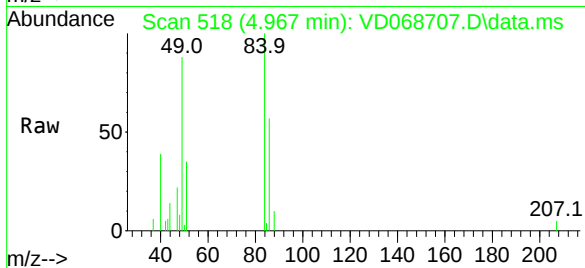
Tgt Ion: 43 Resp: 4542
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#



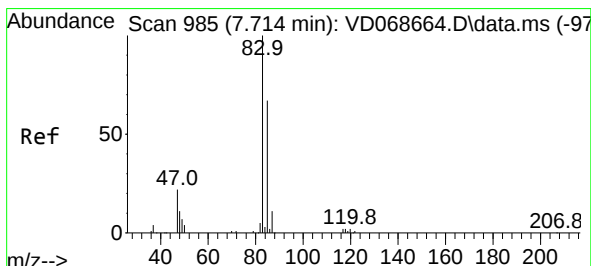
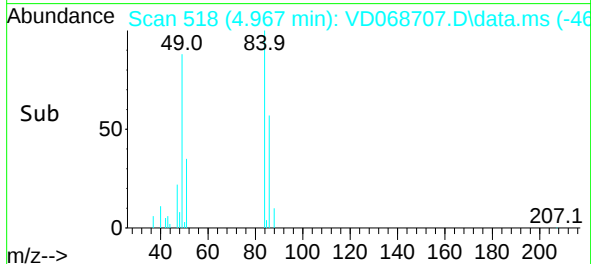
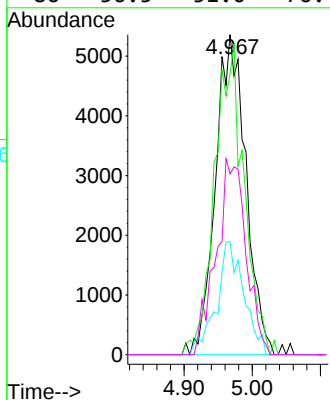


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

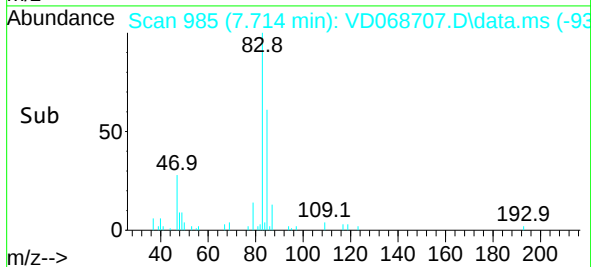
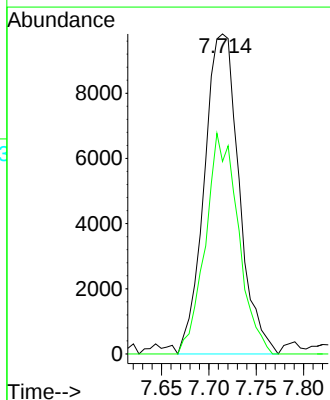
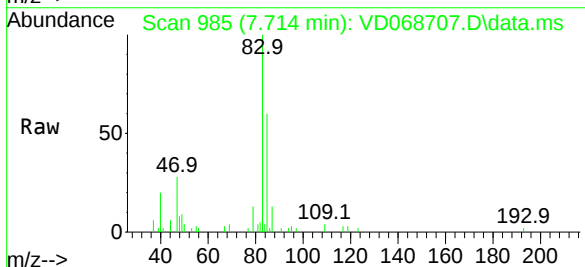


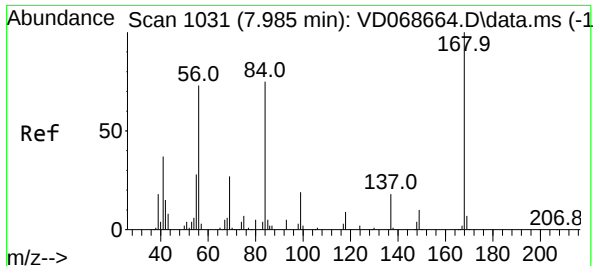
Tgt Ion:	84	Resp:	16602
Ion	Ratio	Lower	Upper
84	100		
49	87.7	83.4	125.0
51	35.3	23.4	35.2#
86	56.5	51.0	76.4



#30
Chloroform
Concen: 3.38 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion:	83	Resp:	25079
Ion	Ratio	Lower	Upper
83	100		
85	60.2	53.3	79.9

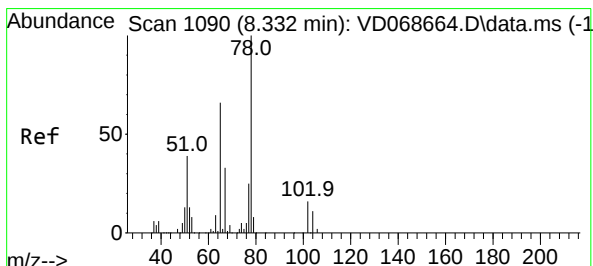
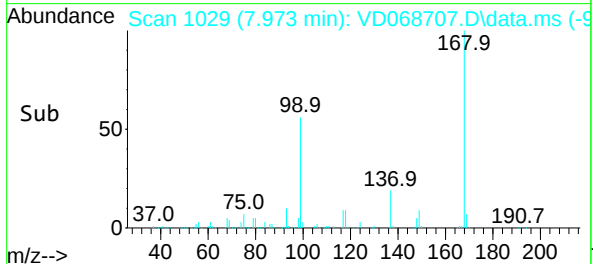
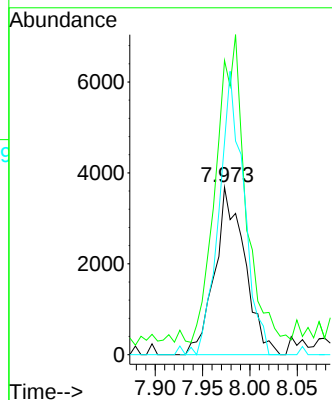
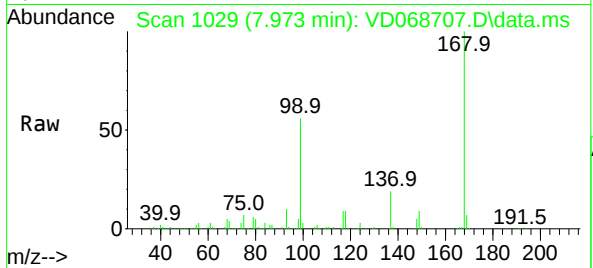




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

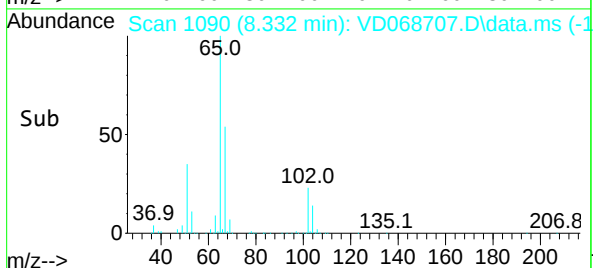
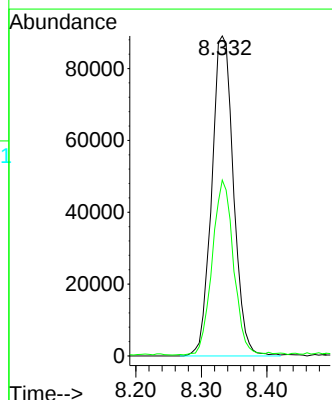
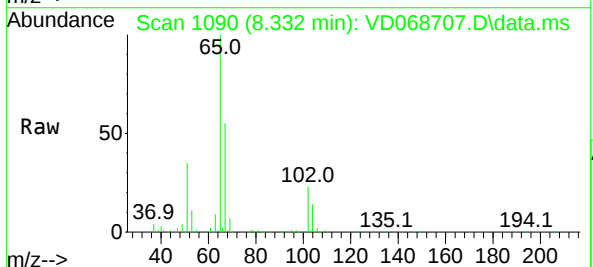
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

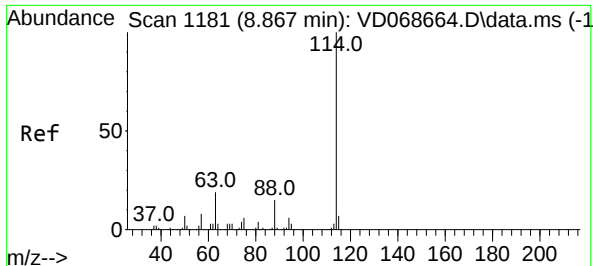
Tgt Ion: 56 Resp: 8093
Ion Ratio Lower Upper
56 100
69 164.8 30.0 45.0#
84 126.9 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 53.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion: 65 Resp: 204948
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

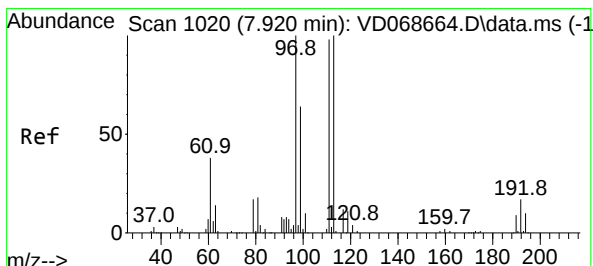
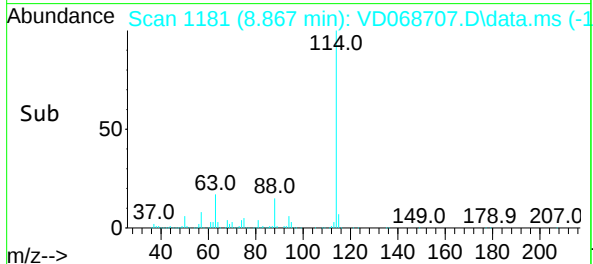
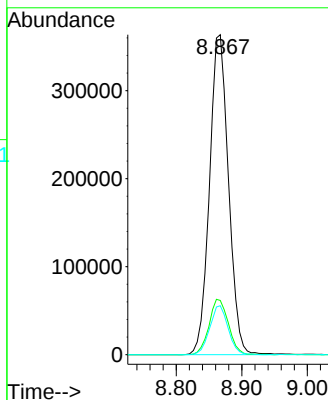
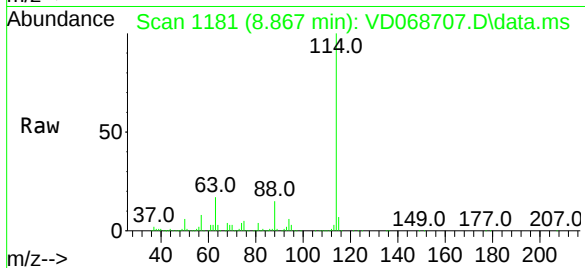
Delta R.T. -0.000 min

Lab File: VD068707.D

Acq: 29 Mar 2021 19:25

Tgt Ion:	114	Resp:	731597
Ion Ratio	Lower	Upper	
114	100		
63	16.9	0.0	38.2
88	15.3	0.0	29.4

Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)



#35

Dibromofluoromethane

Concen: 50.77 ug/l

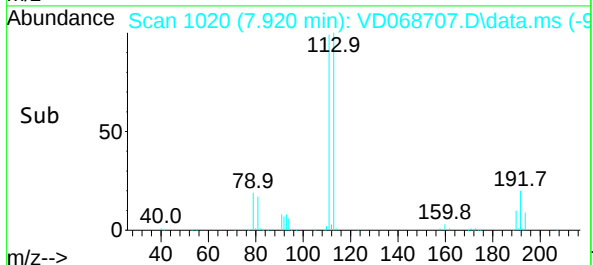
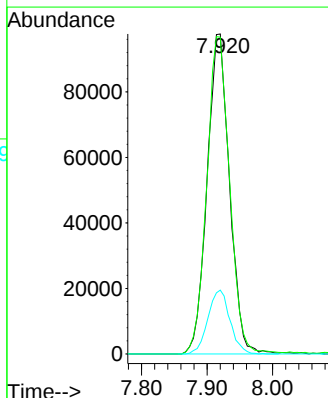
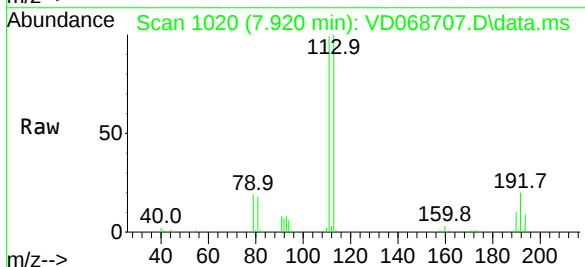
RT: 7.920 min Scan# 1020

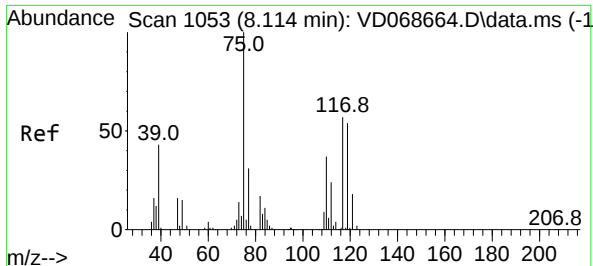
Delta R.T. -0.000 min

Lab File: VD068707.D

Acq: 29 Mar 2021 19:25

Tgt Ion:	113	Resp:	231115
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.5	123.7
192	19.7	15.1	22.7

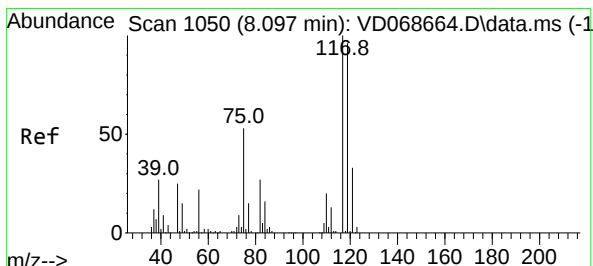
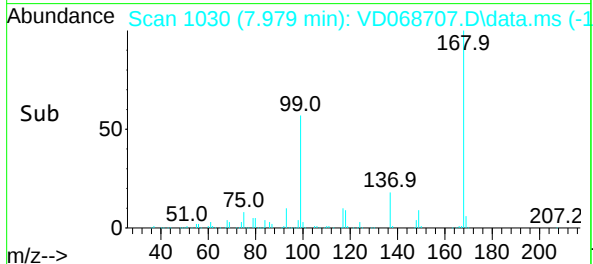
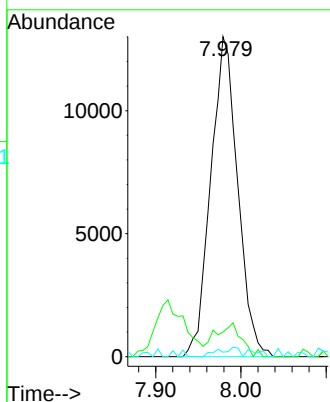
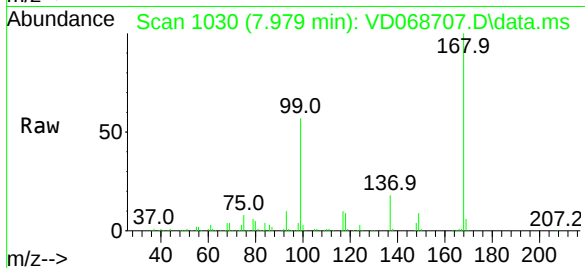




#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

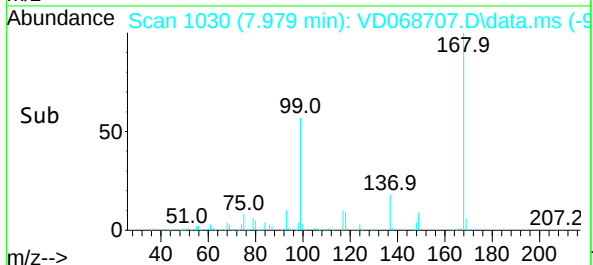
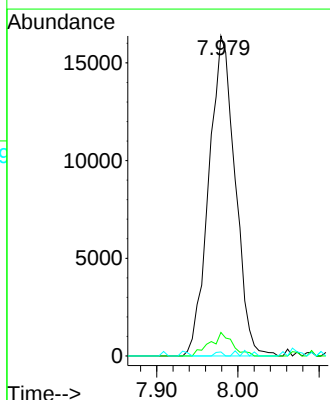
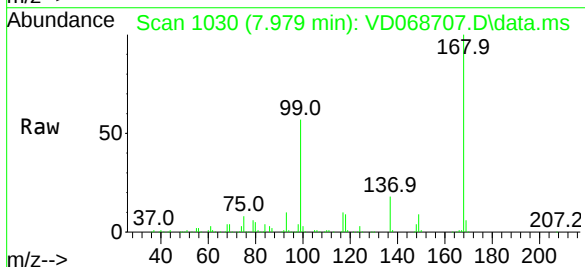
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

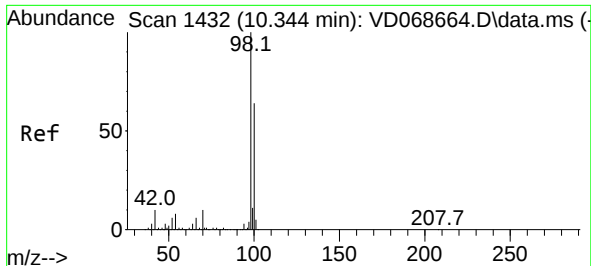
Tgt Ion: 75 Resp: 28597
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 2.2 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion: 117 Resp: 36891
Ion Ratio Lower Upper
117 100
119 7.4 76.6 115.0#
121 1.3 26.1 39.1#

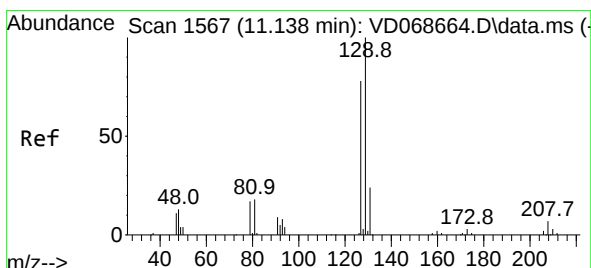
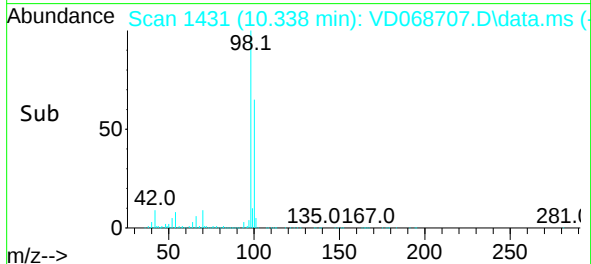
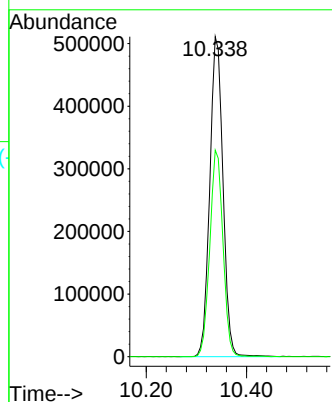
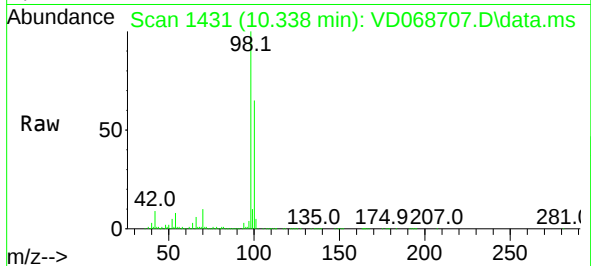




#50
Toluene-d8
Concen: 53.25 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

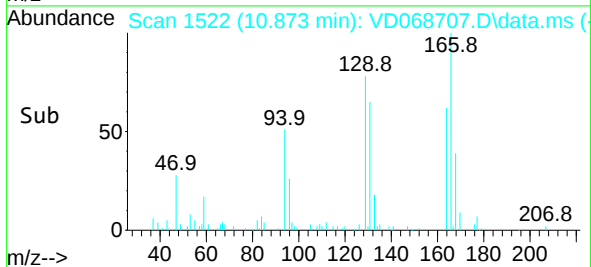
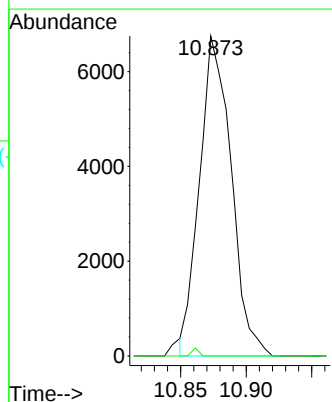
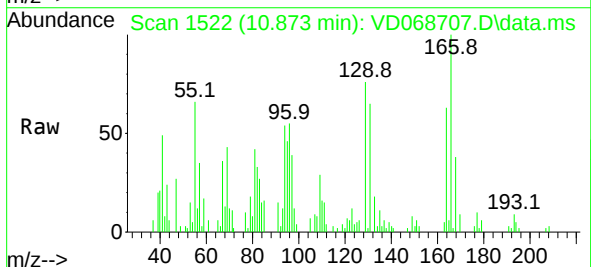
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

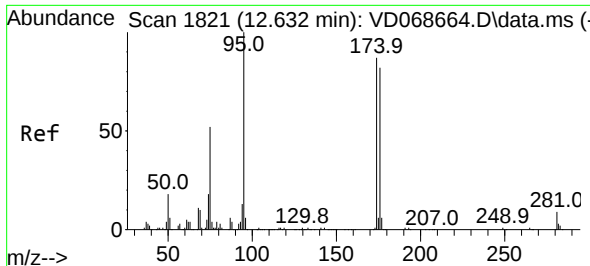
Tgt Ion: 98 Resp: 934607
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#60
Dibromochloromethane
Concen: 2.51 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.265 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion: 129 Resp: 11342
Ion Ratio Lower Upper
129 100
127 0.5 38.8 116.3#

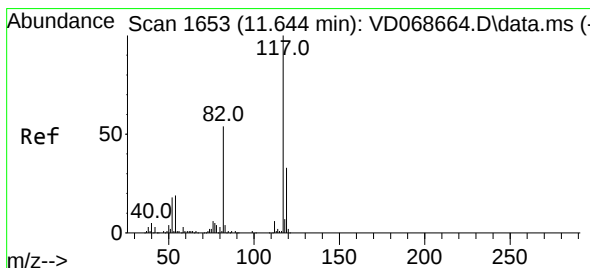
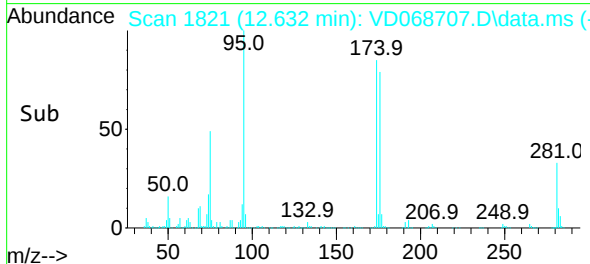
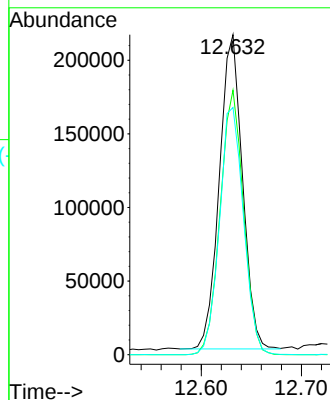
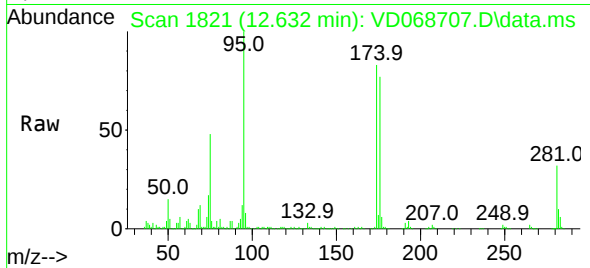




#62
4-Bromofluorobenzene
Concen: 59.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

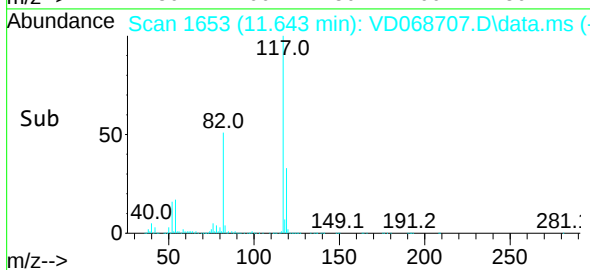
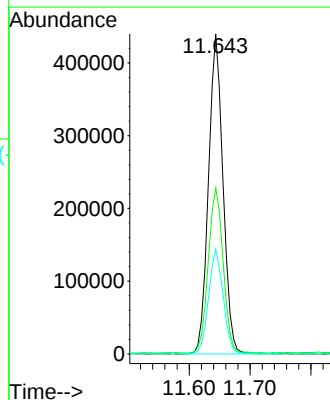
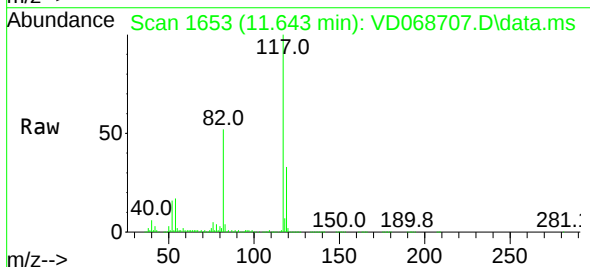
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

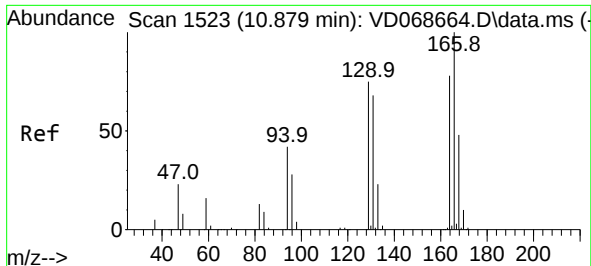
Tgt Ion: 95 Resp: 341296
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.0
176 82.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion: 117 Resp: 727303
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 32.6 26.7 40.1



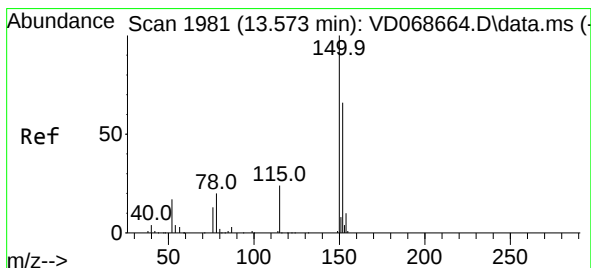
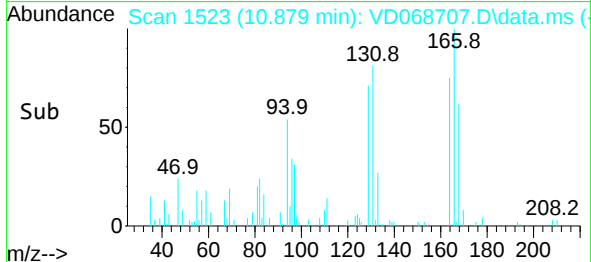
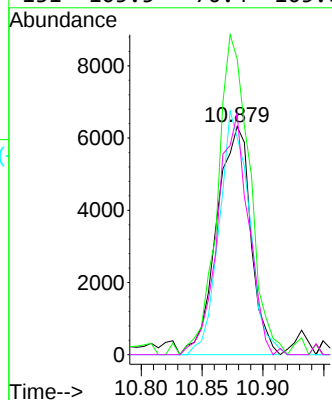
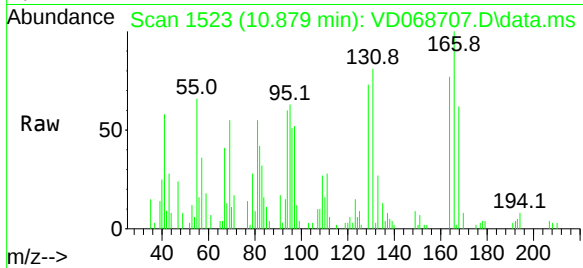


#64
Tetrachloroethene
Concen: 2.60 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

Tgt Ion:164 Resp: 12262

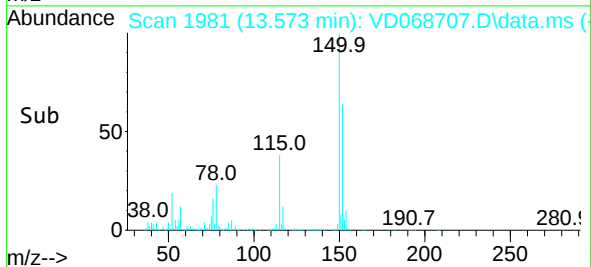
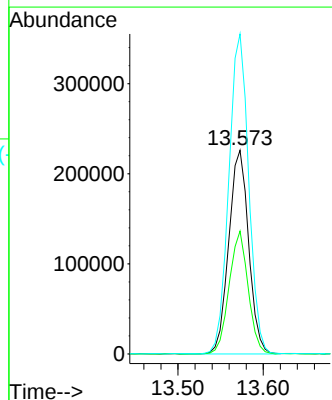
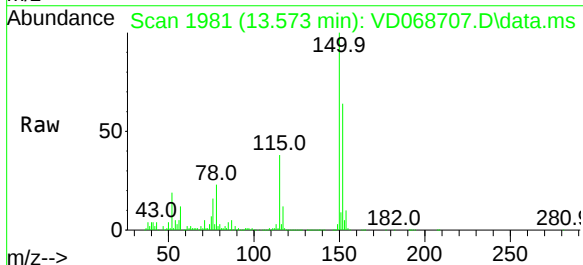
Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.0	154.6
129	95.3	77.4	116.0
131	105.5	70.4	105.6

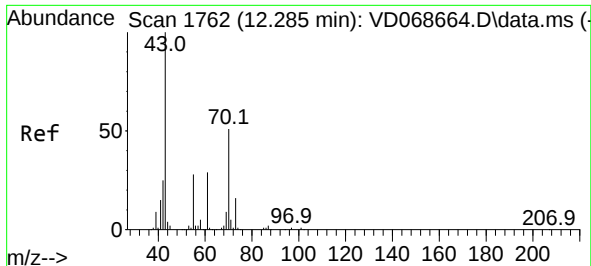


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion:152 Resp: 366545

Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	87.8
150	156.1	0.0	347.6

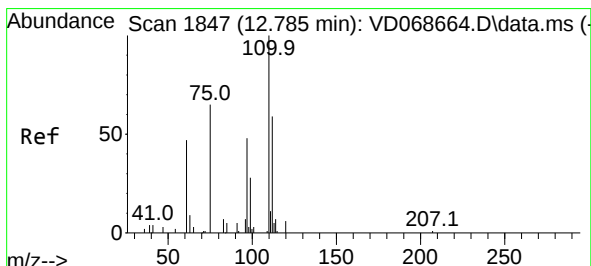
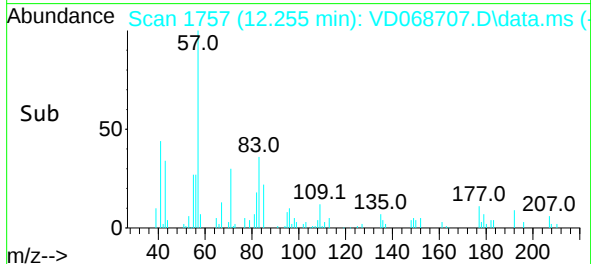
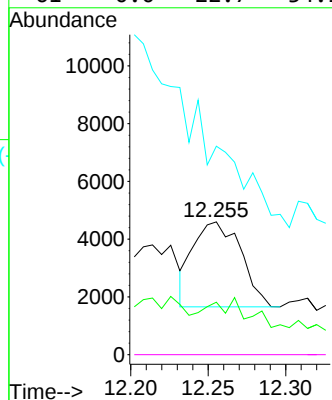
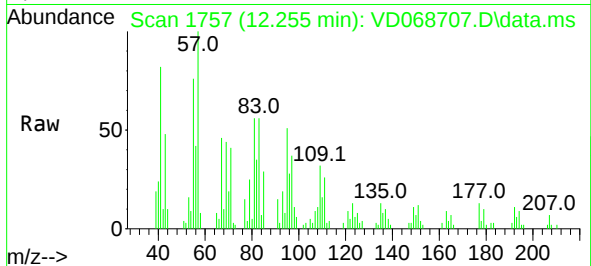




#74
N-amy1 acetate
Concen: 1.50 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.029 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

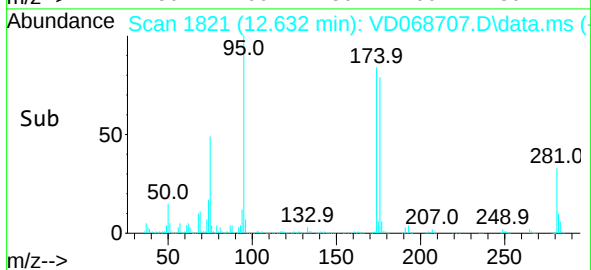
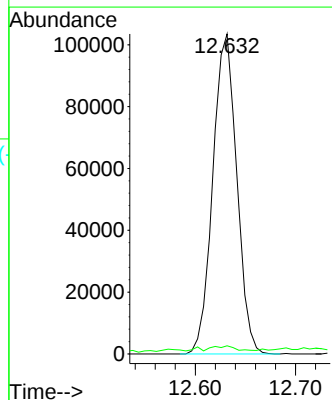
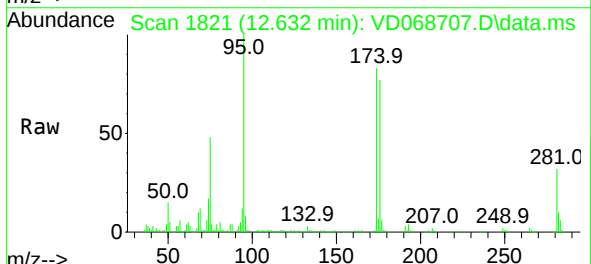
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

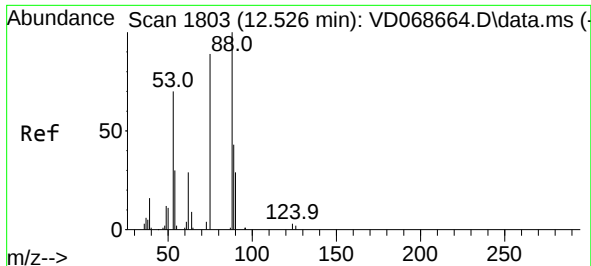
Tgt Ion: 43 Resp: 6309
Ion Ratio Lower Upper
43 100
70 25.3 41.9 62.9#
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#



#76
1,2,3-Trichloropropane
Concen: 56.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

Tgt Ion: 75 Resp: 171550
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#

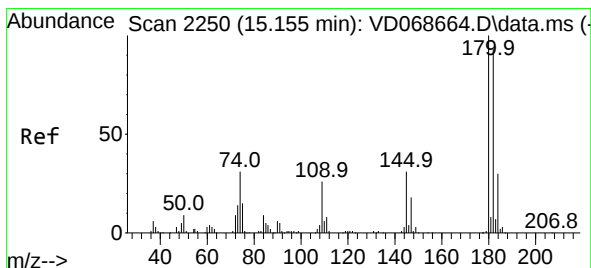
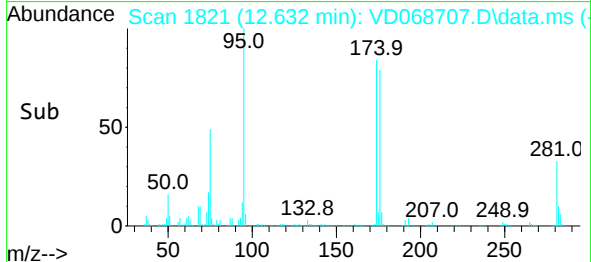
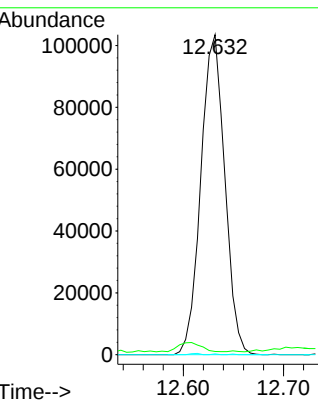
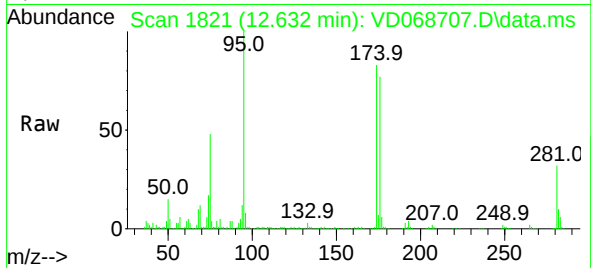




#81
trans-1,4-Dichloro-2-butene
Concen: 127.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

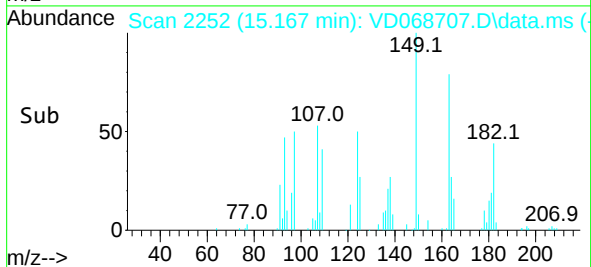
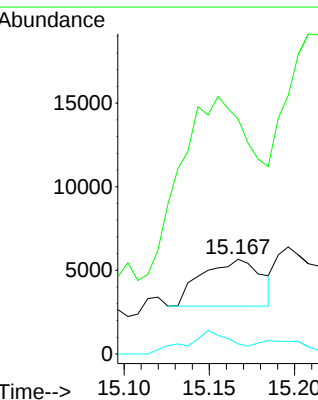
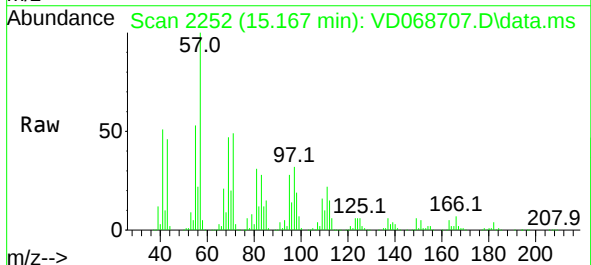
Instrument :
MSVOA_D
ClientSampleId :
FS-SB13(33-34)

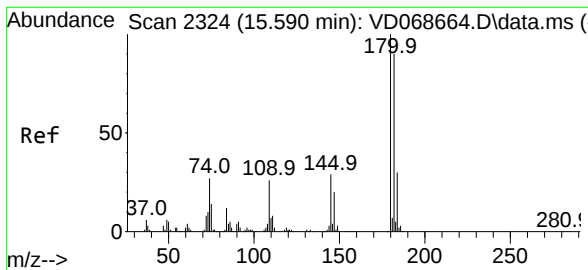
Tgt Ion: 75 Resp: 171550
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#



#93
1,2,4-Trichlorobenzene
Concen: 1.04 ug/l
RT: 15.167 min Scan# 2252
Delta R.T. 0.012 min
Lab File: VD068707.D
Acq: 29 Mar 2021 19:25

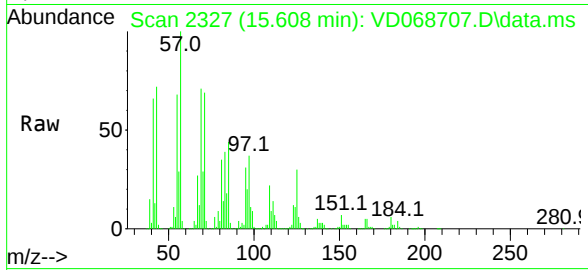
Tgt Ion:180 Resp: 6743
Ion Ratio Lower Upper
180 100
182 495.6 47.9 143.8#
145 37.9 15.2 45.6





#96
 1,2,3-Trichlorobenzene
 Concen: 7.67 ug/l
 RT: 15.608 min Scan# 2327
 Delta R.T. 0.018 min
 Lab File: VD068707.D
 Acq: 29 Mar 2021 19:25

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB13(33-34)



Tgt Ion:180 Resp: 42463
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.5 139.3#
 145 0.0 15.8 47.4#

