

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068758.D
 Acq On : 01 Apr 2021 15:04
 Operator : VA/SY
 Sample : M1874-06
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB16(45-46)

Quant Time: Apr 02 01:04:21 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)

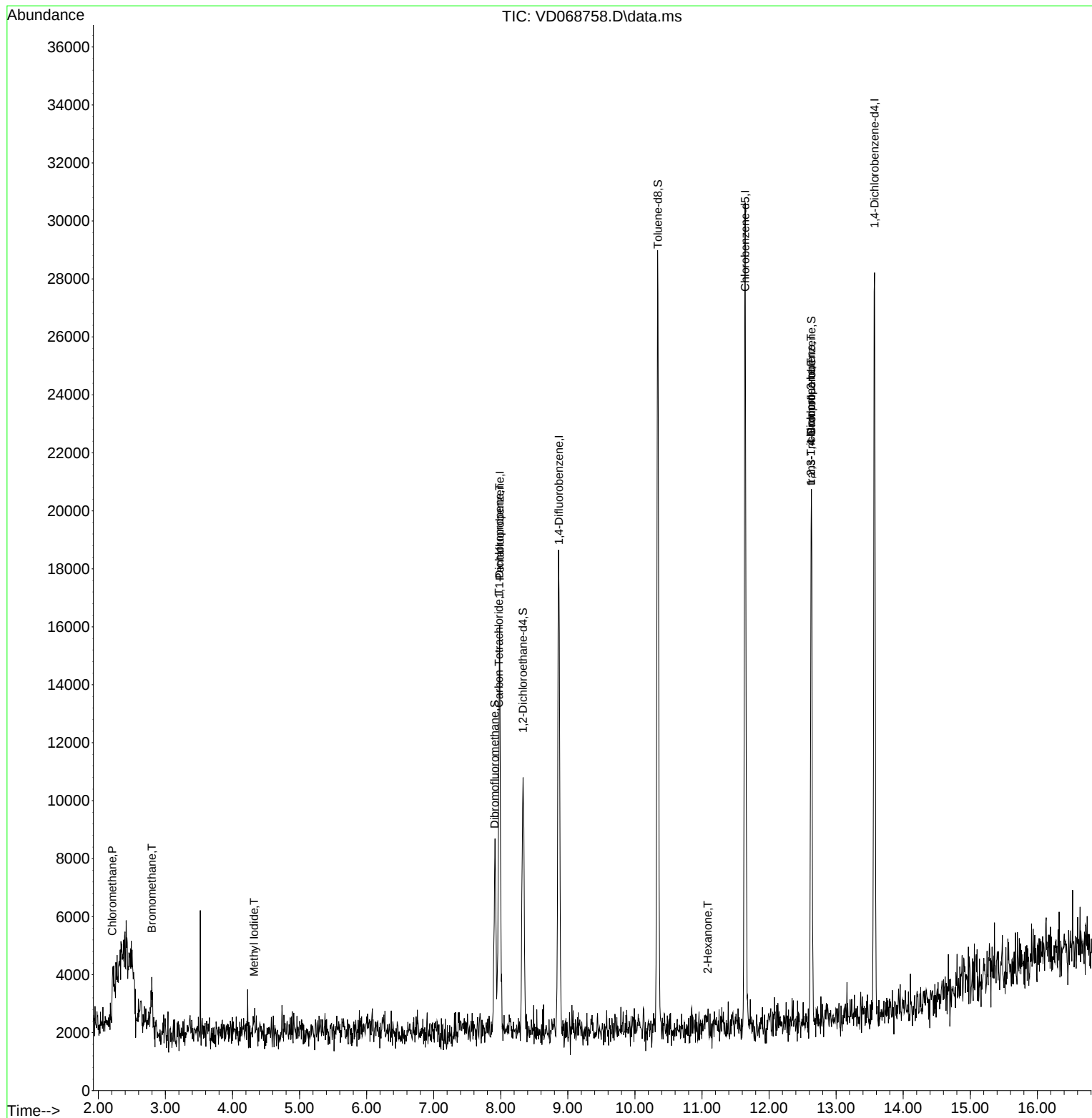
Internal Standards						
1) Pentafluorobenzene	7.985	168	10268	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	15785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	16678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	7738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	7284	70.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	140.70%		
35) Dibromofluoromethane	7.908	113	4691	47.76	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.52%		
50) Toluene-d8	10.344	98	19415	51.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.54%		
62) 4-Bromofluorobenzene	12.632	95	6834	55.67	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.34%		
Target Compounds						Qvalue
3) Chloromethane	2.209	50	417	4.22	ug/l	# 41
5) Bromomethane	2.797	94	1300	15.05	ug/l	# 72
10) Methyl Iodide	4.320	142	579	8.96	ug/l	# 56
36) 1,1-Dichloropropene	7.979	75	654	4.64	ug/l	# 41
38) Carbon Tetrachloride	7.973	117	996	7.08	ug/l	# 12
59) 2-Hexanone	11.085	43	58	1.94	ug/l	# 19
76) 1,2,3-Trichloropropane	12.626	75	3059	47.50	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	3059	108.06	ug/l	# 16

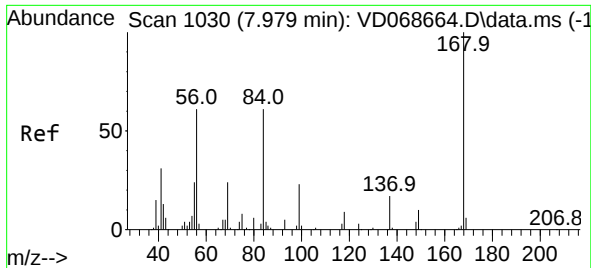
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068758.D
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Misc : 5.76G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
FS-SB16(45-46)

Quant Time: Apr 02 01:04:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
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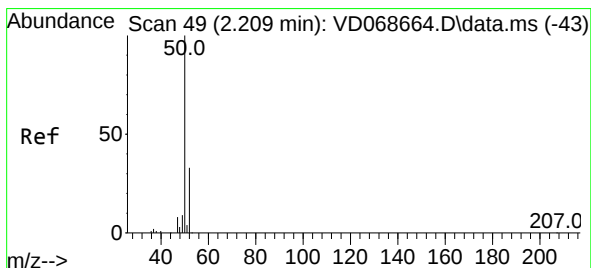
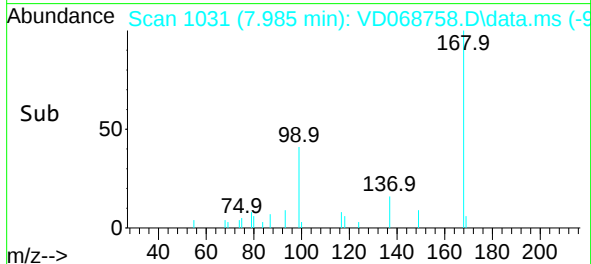
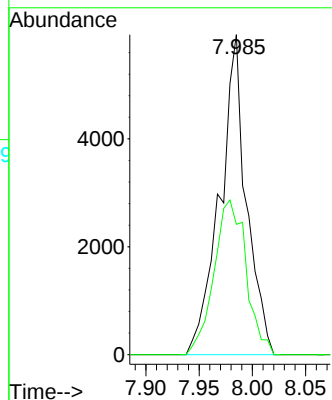
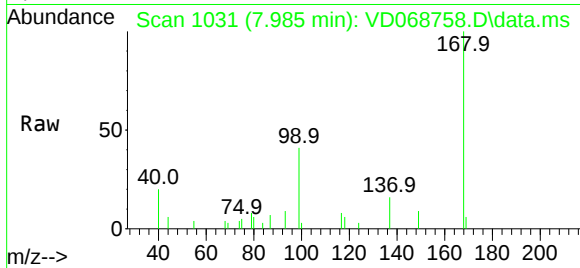




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

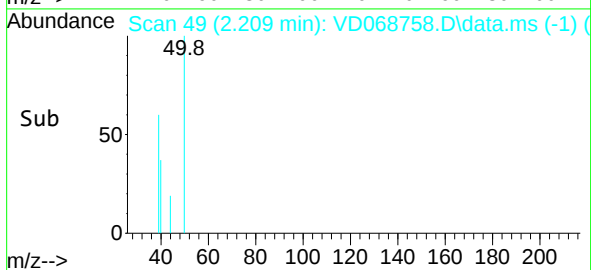
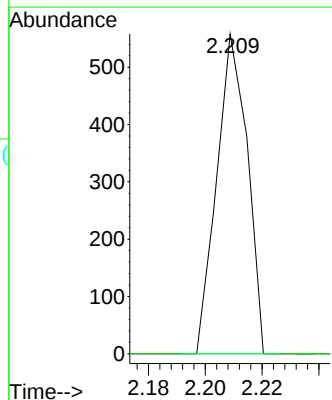
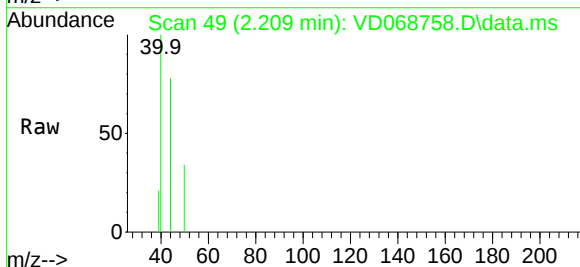
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

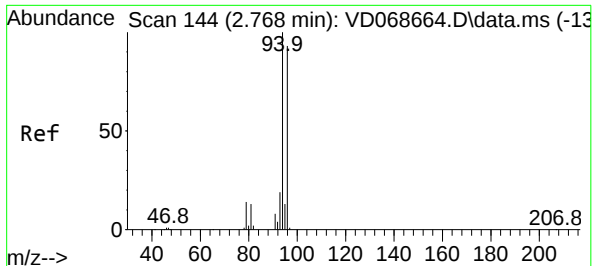
Tgt Ion:168 Resp: 10268
Ion Ratio Lower Upper
168 100
99 40.8 46.2 69.2#



#3
Chloromethane
Concen: 4.22 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

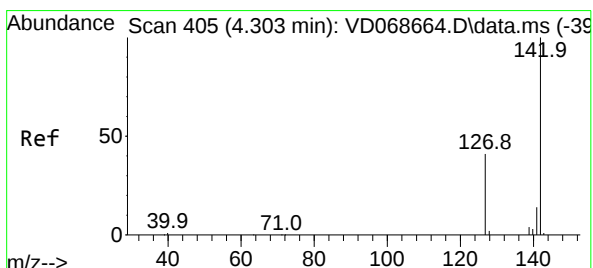
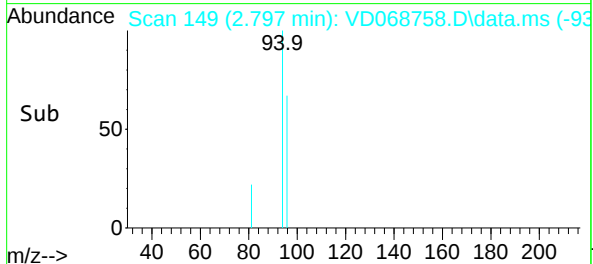
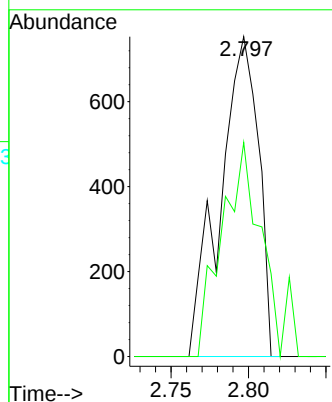
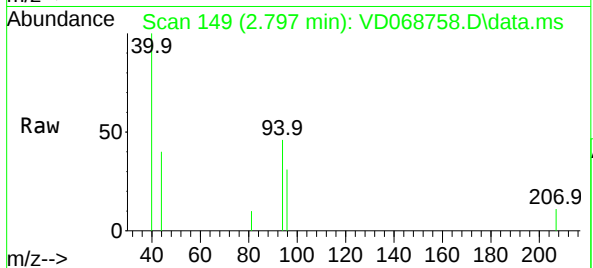




#5
Bromomethane
Concen: 15.05 ug/l
RT: 2.797 min Scan# 149
Delta R.T. 0.029 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

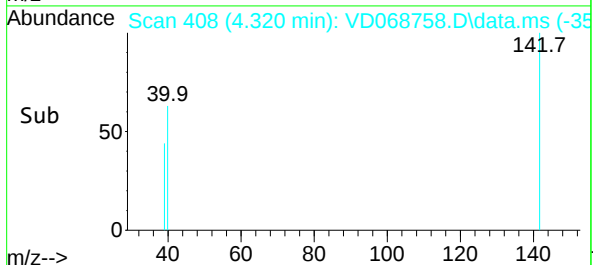
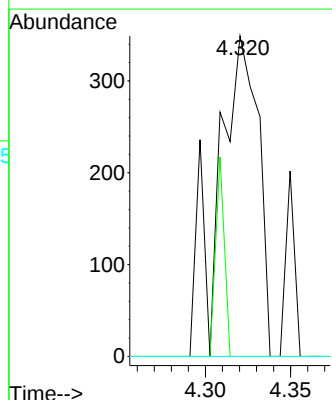
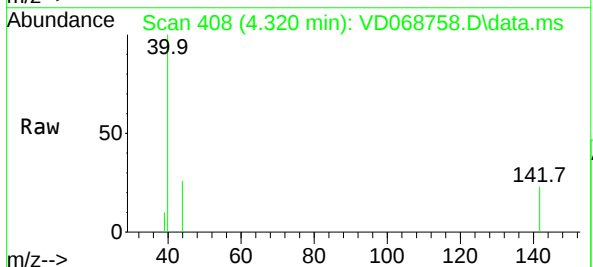
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

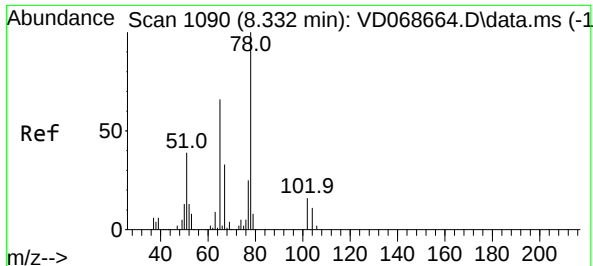
Tgt Ion: 94 Resp: 1300
Ion Ratio Lower Upper
94 100
96 66.9 74.7 112.1#



#10
Methyl Iodide
Concen: 8.96 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 142 Resp: 579
Ion Ratio Lower Upper
142 100
127 13.3 34.7 52.1#
141 0.0 11.0 16.4#

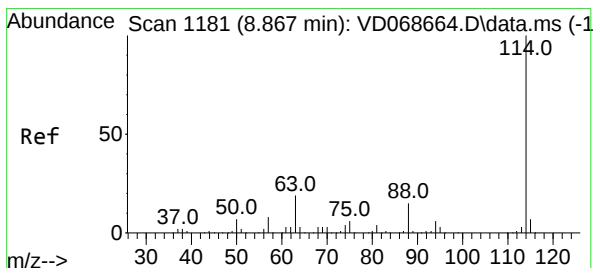
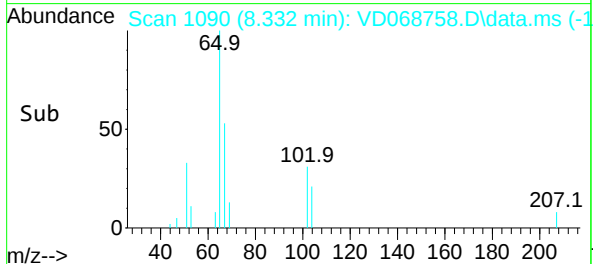
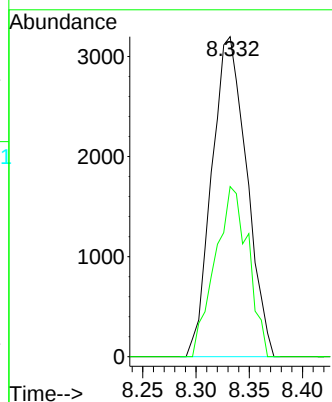
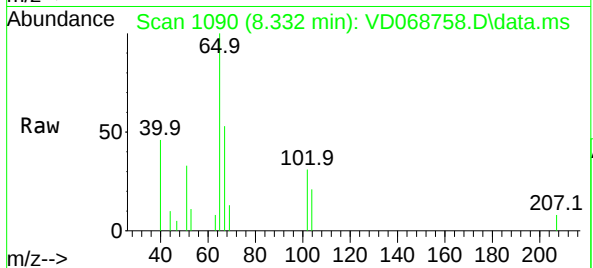




#33
1,2-Dichloroethane-d4
Concen: 70.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

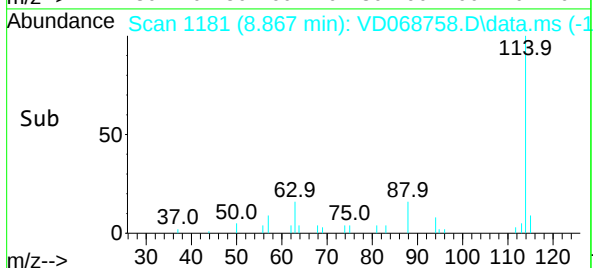
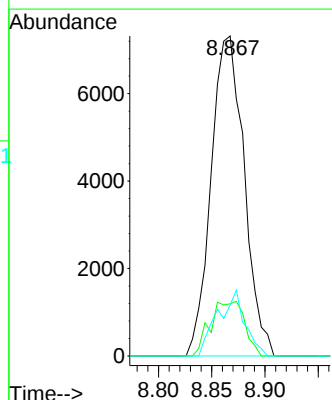
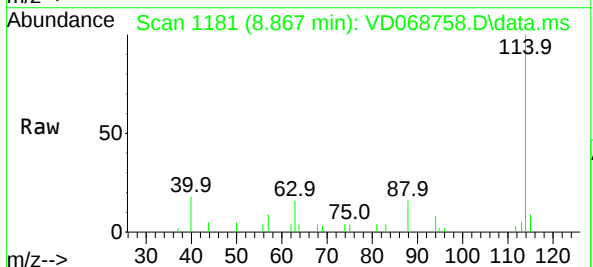
Instrument :
MSVOA_D
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FS-SB16(45-46)

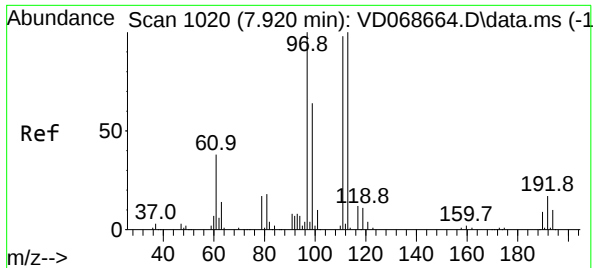
Tgt Ion: 65 Resp: 7284
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 114 Resp: 15785
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 15.9 0.0 29.4

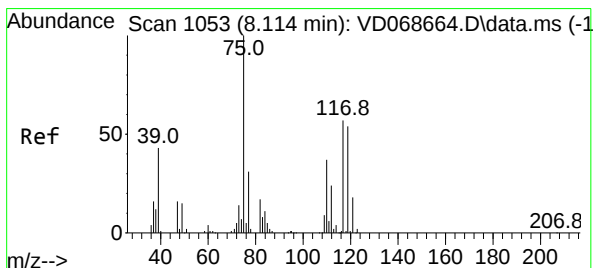
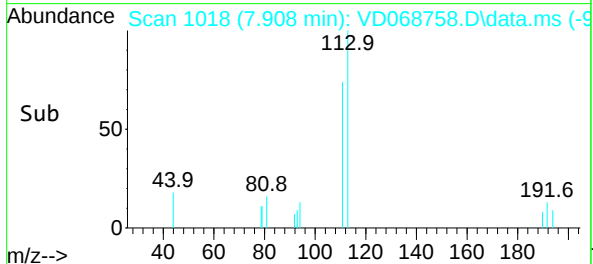
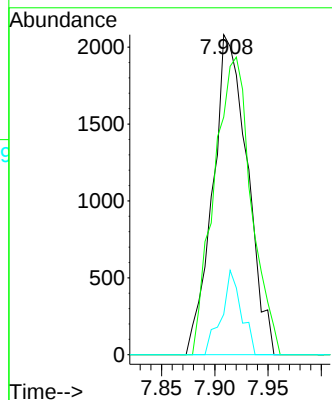
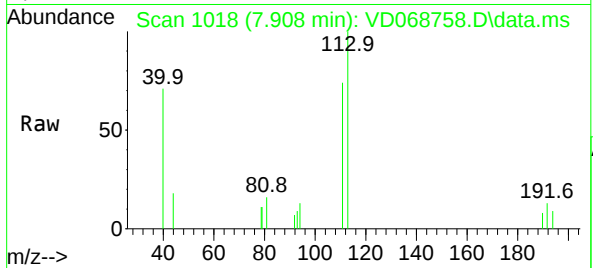




#35
Dibromofluoromethane
Concen: 47.76 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

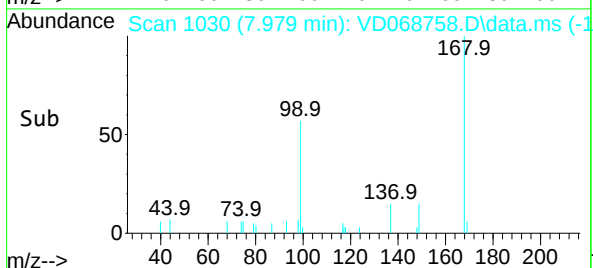
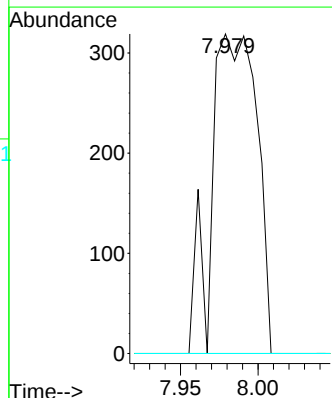
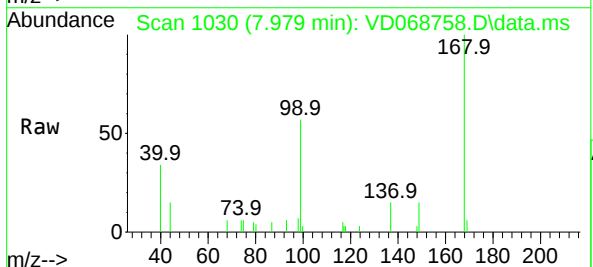
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

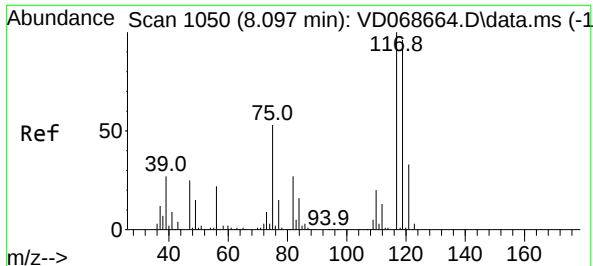
Tgt Ion:113 Resp: 4691
Ion Ratio Lower Upper
113 100
111 100.1 82.5 123.7
192 15.1 15.1 22.7#



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

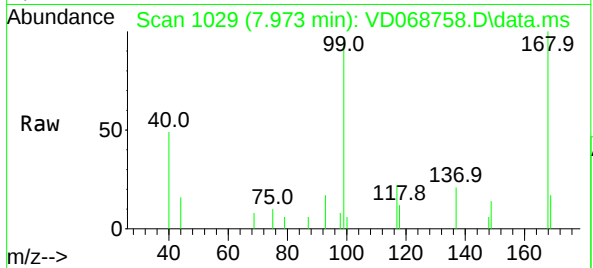
Tgt Ion: 75 Resp: 654
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 24.7 37.1#



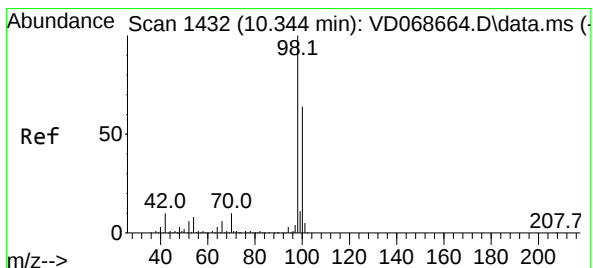
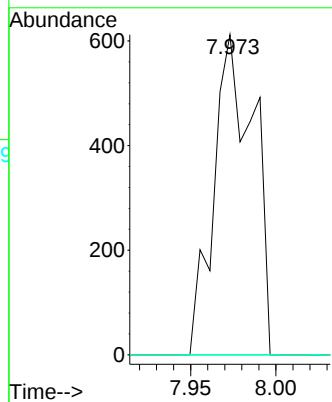
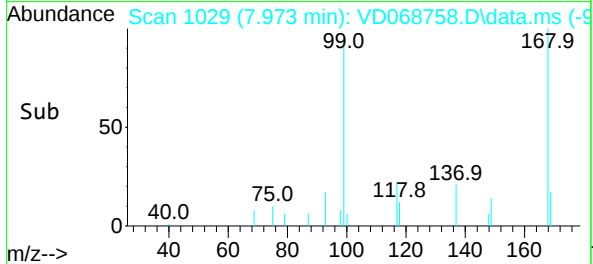


#38
Carbon Tetrachloride
Concen: 7.08 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

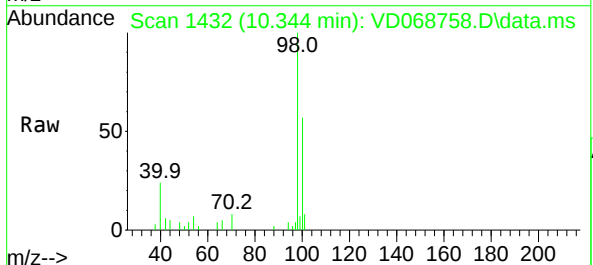
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)



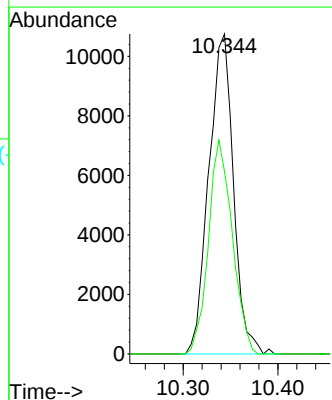
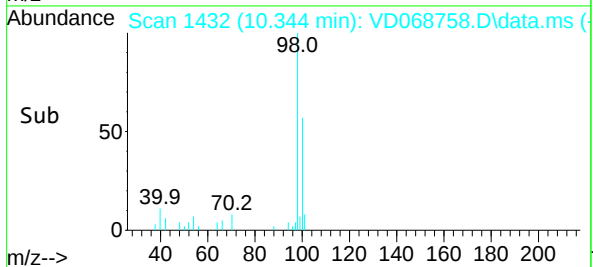
Tgt Ion:117 Resp: 996
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#

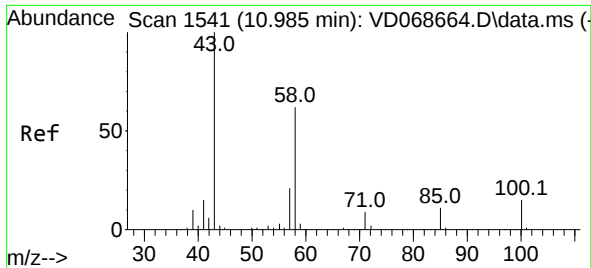


#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04



Tgt Ion: 98 Resp: 19415
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

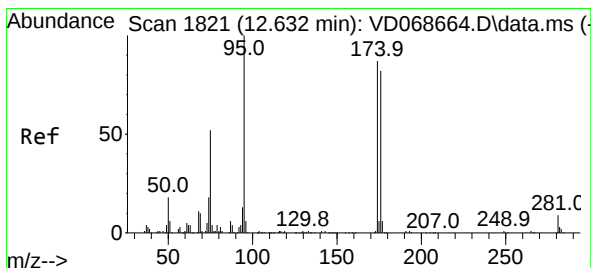
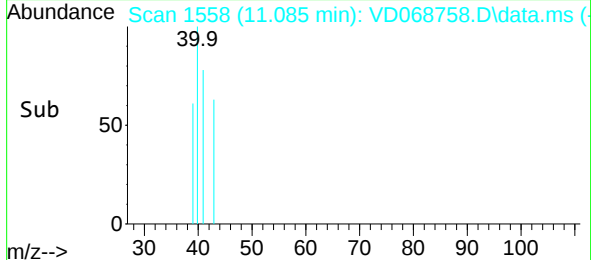
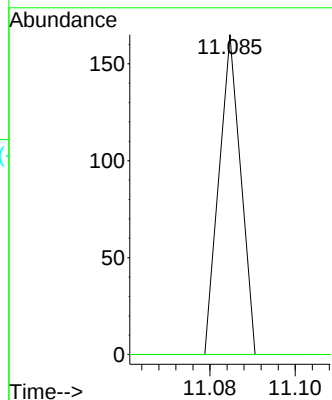
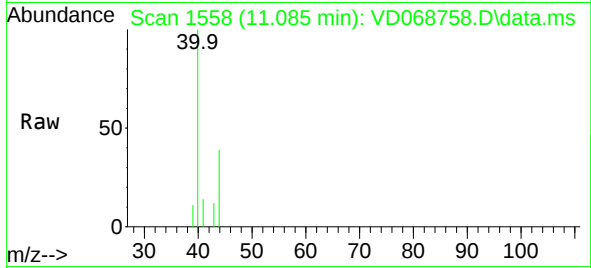




#59
2-Hexanone
Concen: 1.94 ug/l
RT: 11.085 min Scan# 1558
Delta R.T. 0.100 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

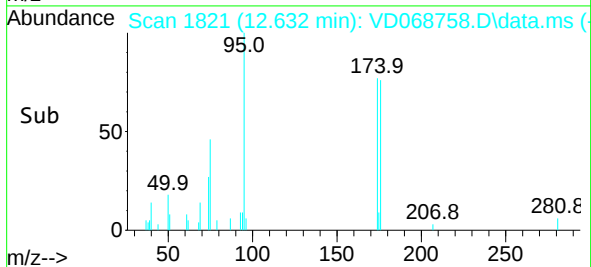
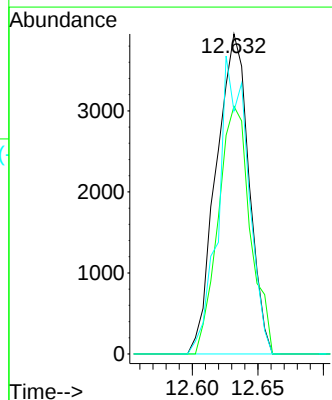
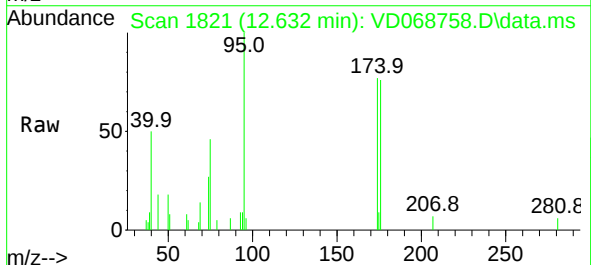
Instrument :
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FS-SB16(45-46)

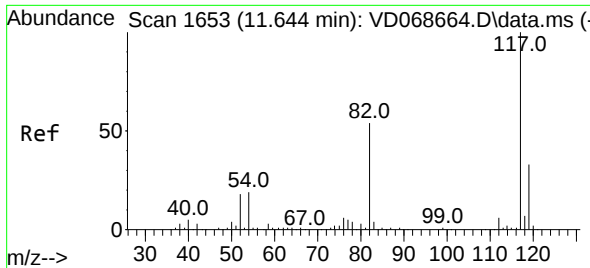
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 55.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 95 Resp: 6834
Ion Ratio Lower Upper
95 100
174 76.2 0.0 168.0
176 84.5 0.0 160.2

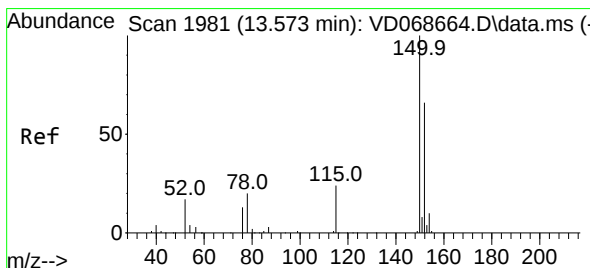
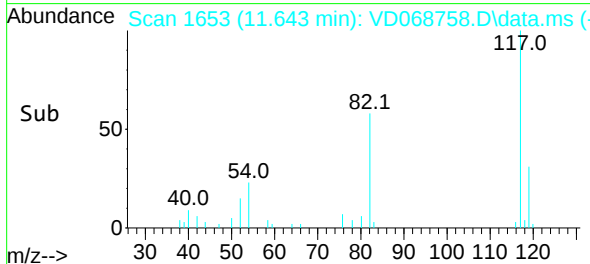
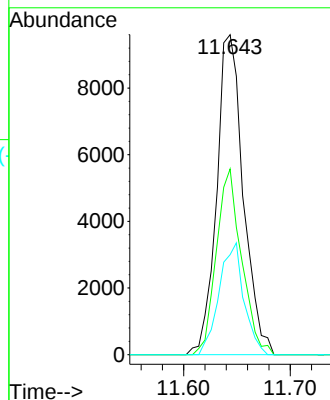
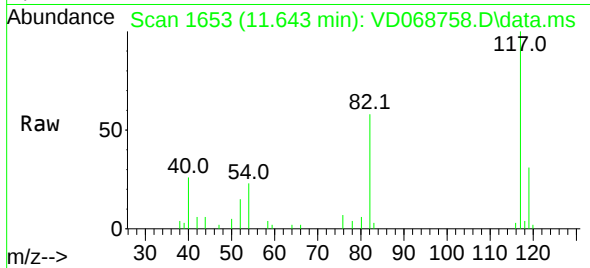




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

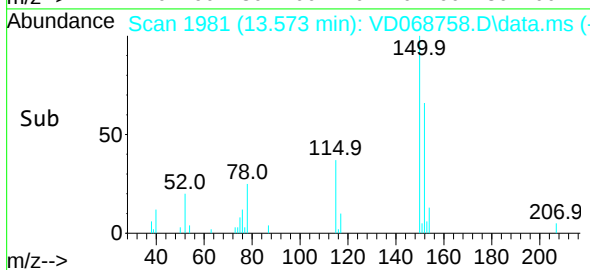
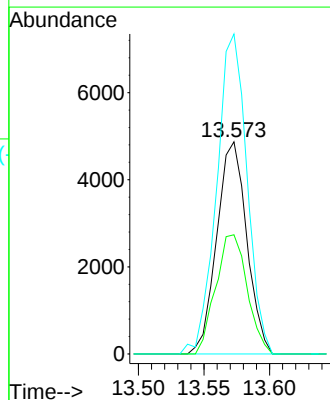
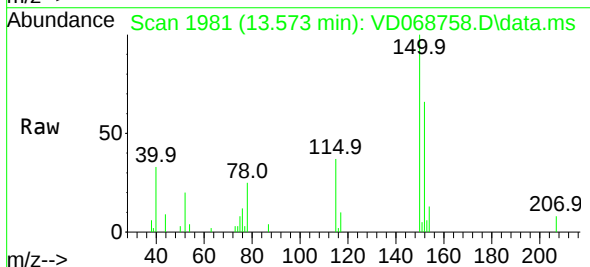
Instrument :
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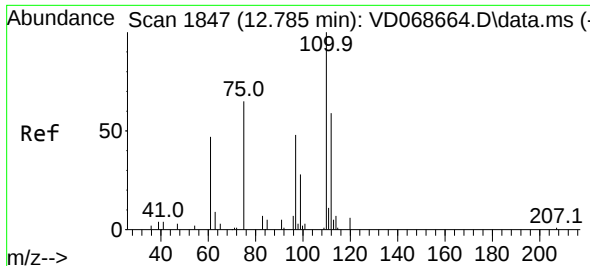
Tgt Ion:117	Resp:	16678
Ion	Ratio	Lower Upper
117	100	
82	58.1	43.5 65.3
119	31.3	26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion:152	Resp:	7738
Ion	Ratio	Lower Upper
152	100	
115	59.0	29.3 87.8
150	152.3	0.0 347.6

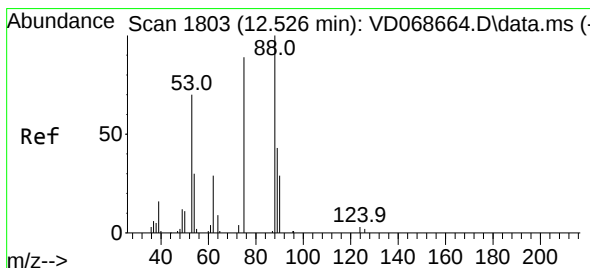
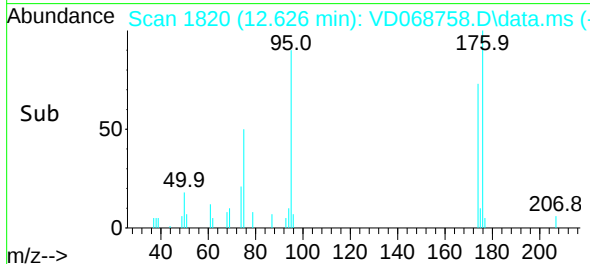
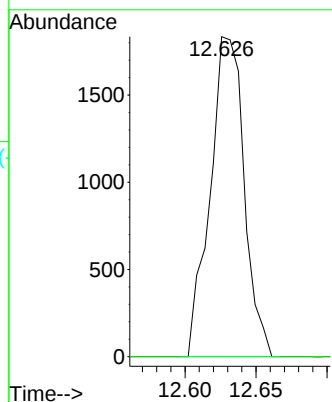
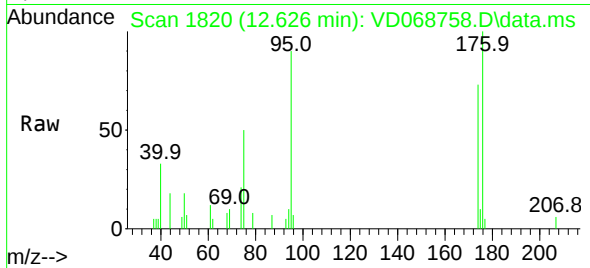




#76
1,2,3-Trichloropropane
Concen: 47.50 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

Tgt Ion: 75 Resp: 3059
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 108.06 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 75 Resp: 3059
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

