

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068467.D
 Acq On : 26 Feb 2021 20:13
 Operator : VA/SY
 Sample : M1518-04
 Misc : 10.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Feb 26 21:50:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

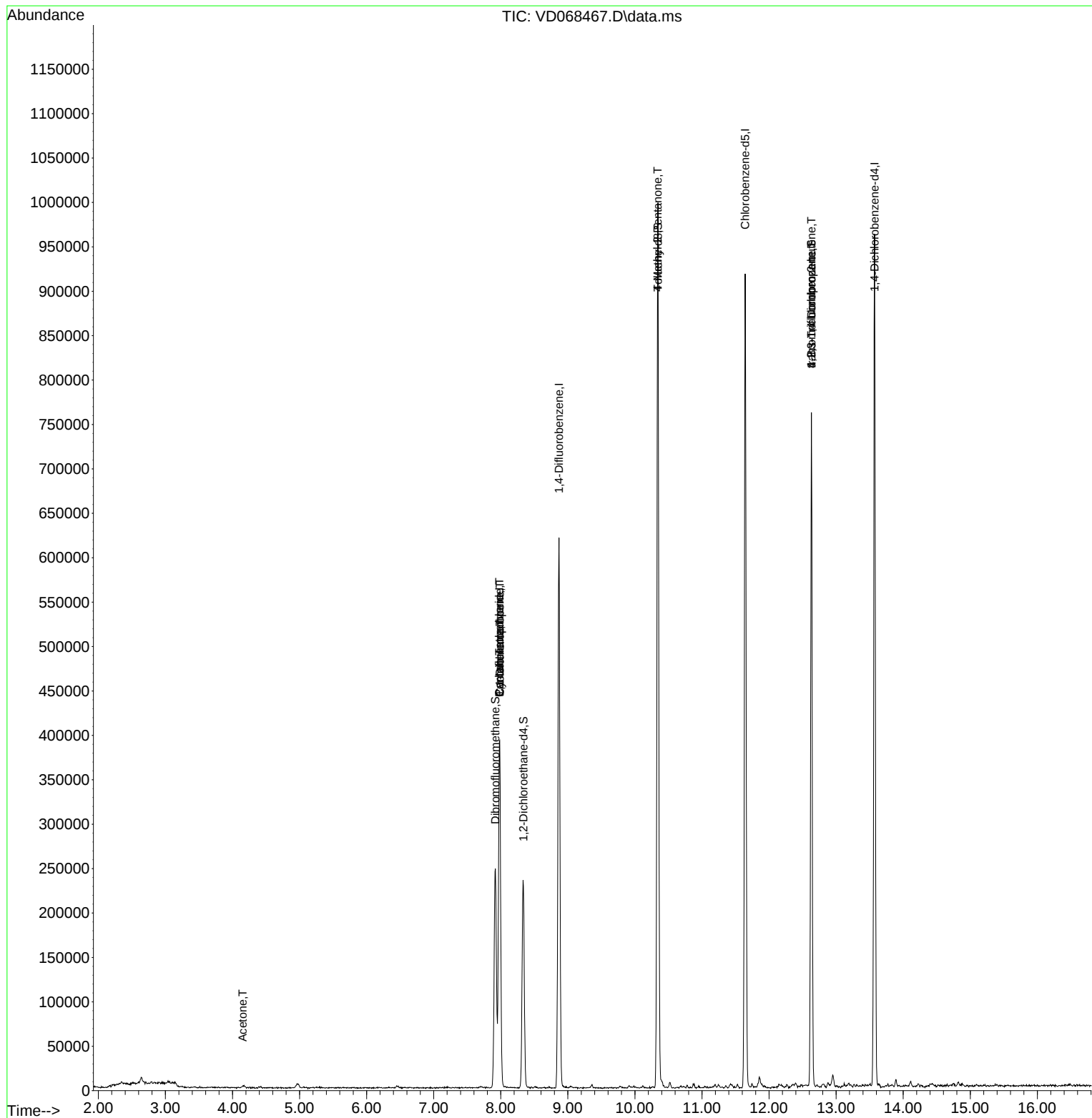
Internal Standards						
1) Pentafluorobenzene	7.979	168	305472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	564215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	191520	62.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.50%	
35) Dibromofluoromethane	7.920	113	182140	53.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.18%	
50) Toluene-d8	10.344	98	709809	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.86%	
62) 4-Bromofluorobenzene	12.632	95	244975	56.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	2315	4.78	ug/l #	85
20) Methylene Chloride	4.967	84	2180	Below Cal	#	84
31) Cyclohexane	7.985	56	6142	1.11	ug/l #	20
36) 1,1-Dichloropropene	7.985	75	23356	4.35	ug/l #	48
38) Carbon Tetrachloride	7.979	117	29061	5.77	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	2523	1.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	123225	53.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	123225	124.43	ug/l #	13

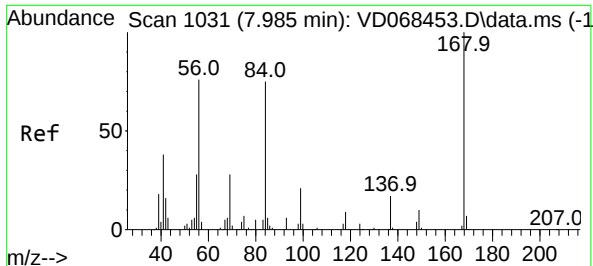
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
Data File : VD068467.D
Acq On : 26 Feb 2021 20:13
Operator : VA/SY
Sample : M1518-04
Misc : 10.29G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Quant Time: Feb 26 21:50:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

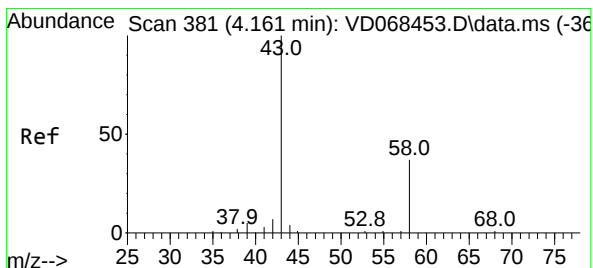
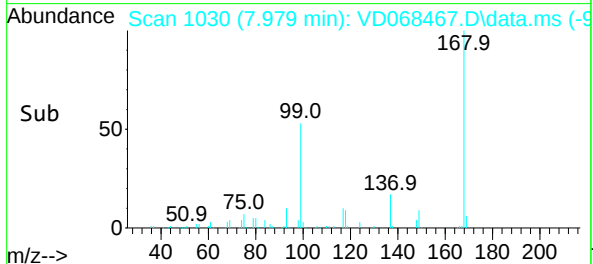
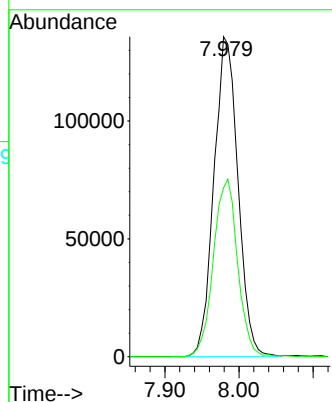
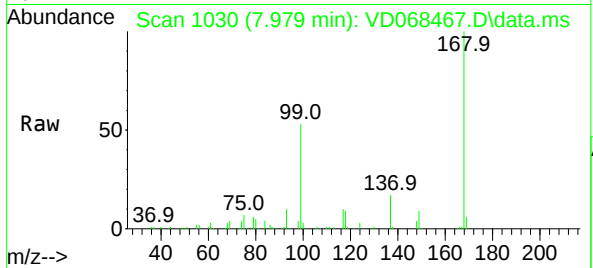




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

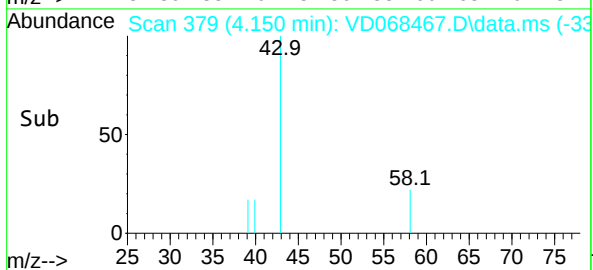
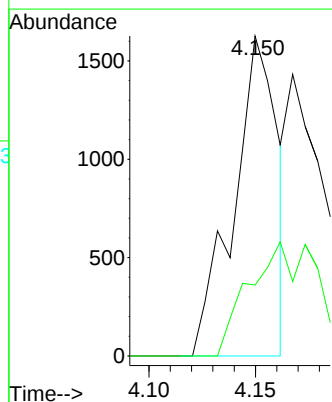
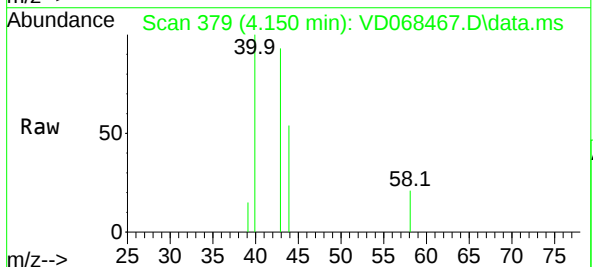
Instrument :
MSVOA_D
ClientSampled :
SB-4

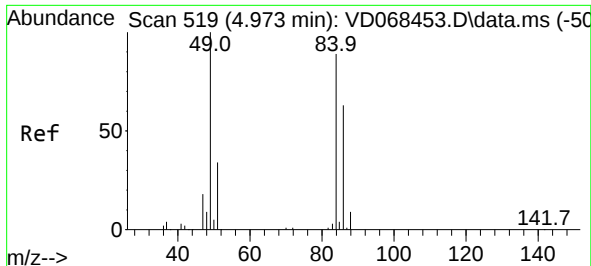
Tgt Ion:168 Resp: 305472
Ion Ratio Lower Upper
168 100
99 52.8 43.5 65.3



#16
Acetone
Concen: 4.78 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

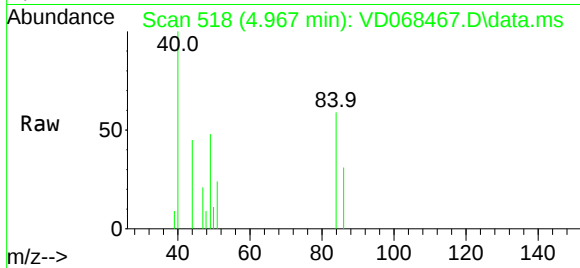
Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 22.1 24.2 36.4#



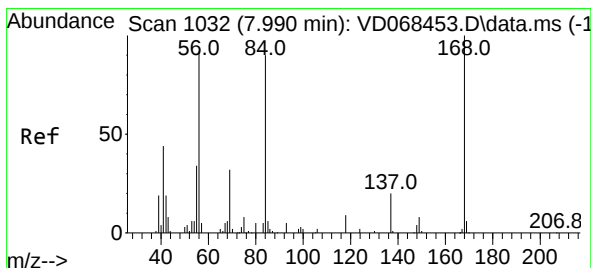
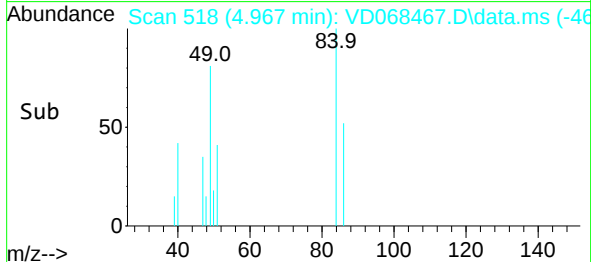
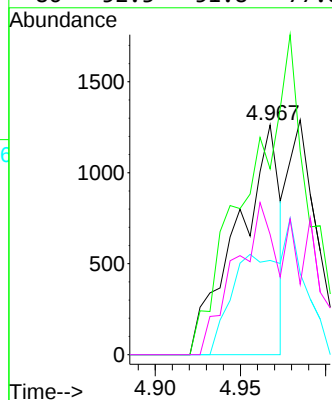


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-4

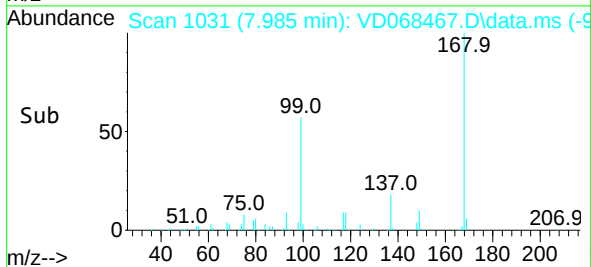
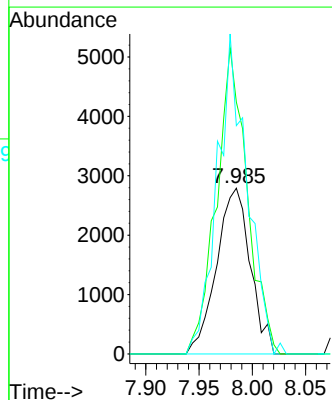
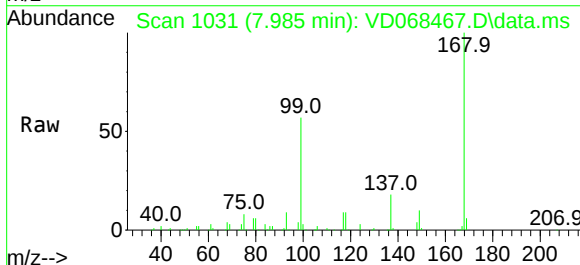


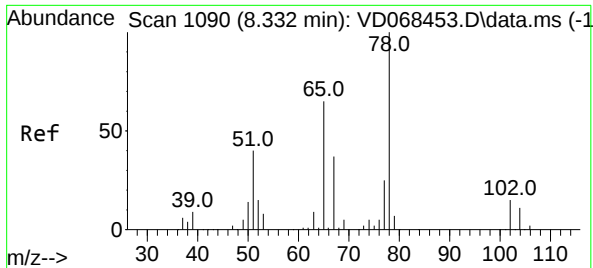
Tgt Ion:	84	Resp:	2180
Ion	Ratio	Lower	Upper
84	100		
49	80.8	77.4	116.2
51	41.0	26.1	39.1#
86	52.3	51.8	77.8



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion:	56	Resp:	6142
Ion	Ratio	Lower	Upper
56	100		
69	151.9	30.1	45.1#
84	143.3	82.1	123.1#

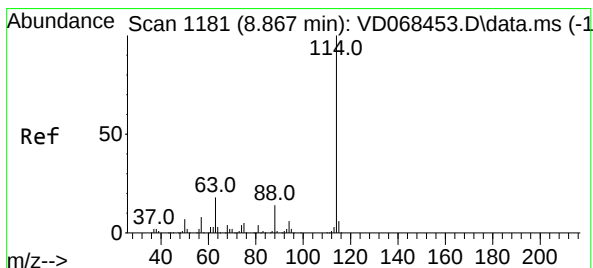
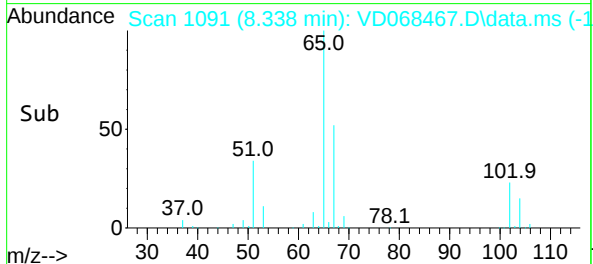
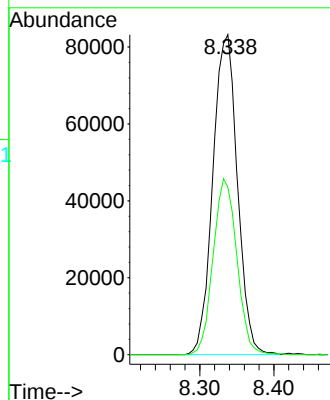
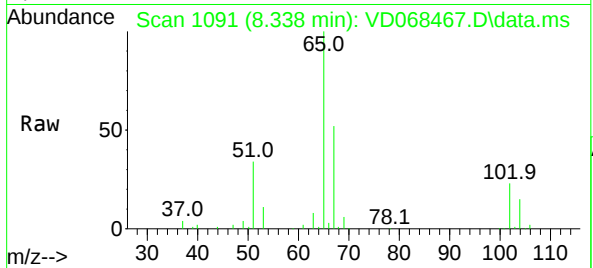




#33
1,2-Dichloroethane-d4
Concen: 62.75 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

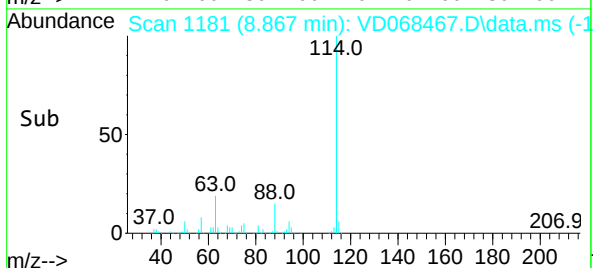
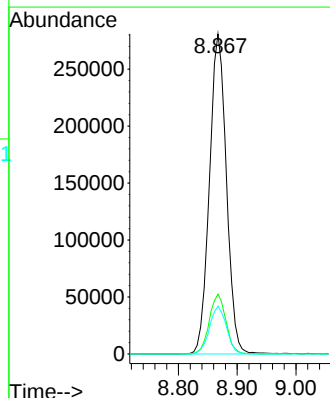
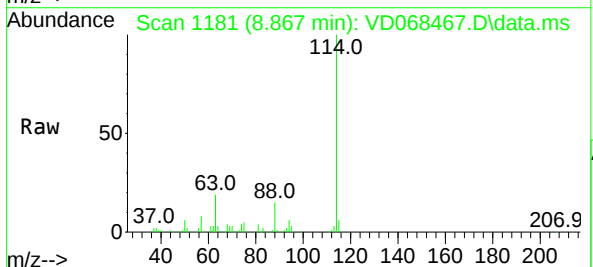
Instrument :
MSVOA_D
ClientSampled :
SB-4

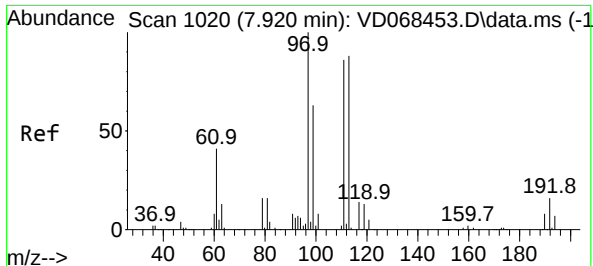
Tgt Ion: 65 Resp: 191520
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion: 114 Resp: 564215
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.59 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068467.D

Acq: 26 Feb 2021 20:13

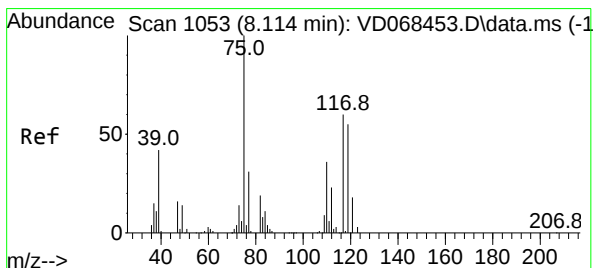
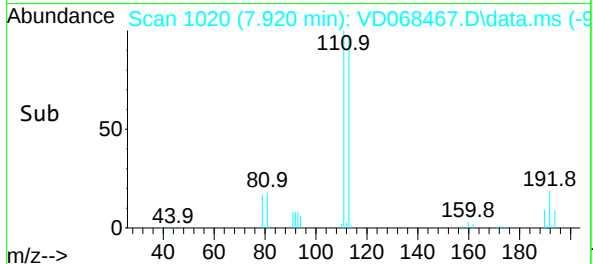
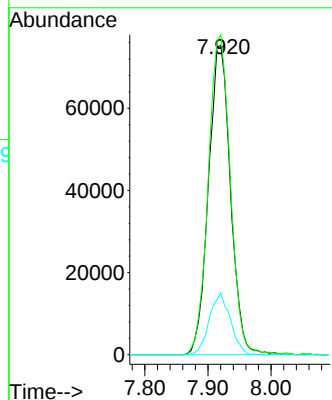
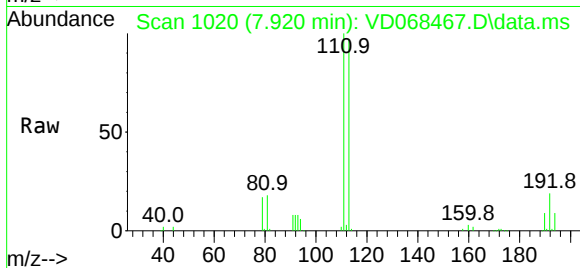
Tgt Ion:113 Resp: 182140

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 19.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.35 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068467.D

Acq: 26 Feb 2021 20:13

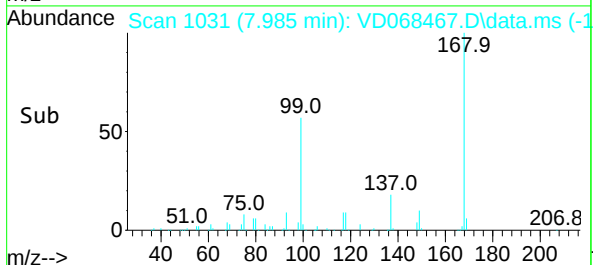
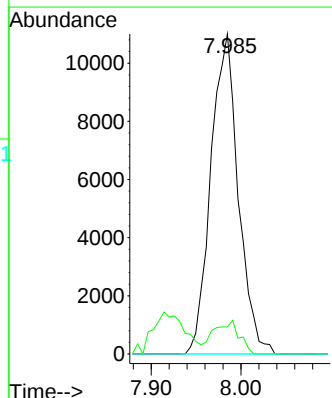
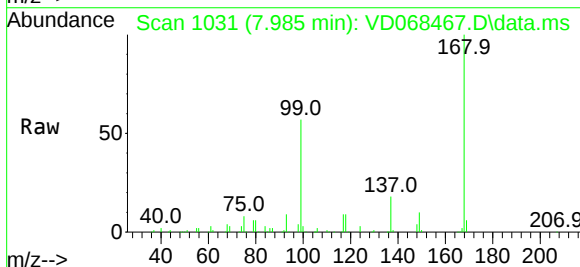
Tgt Ion: 75 Resp: 23356

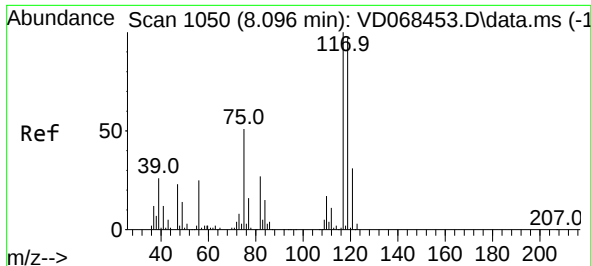
Ion Ratio Lower Upper

75 100

110 9.8 19.4 58.2#

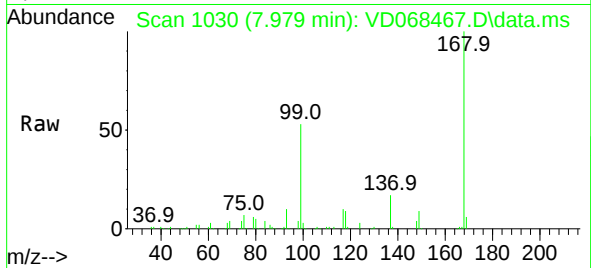
77 0.0 25.3 37.9#



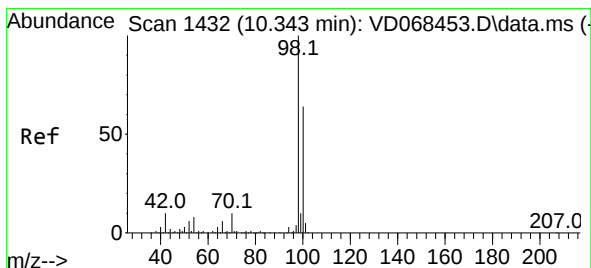
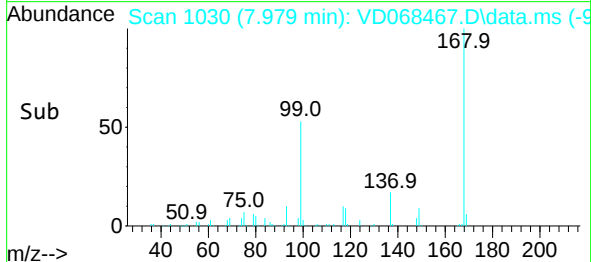
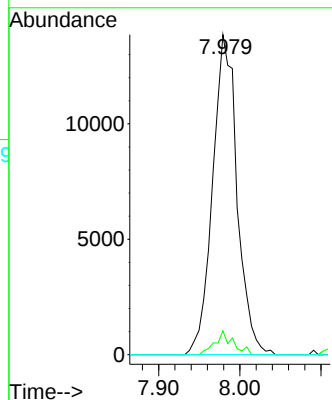


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-4

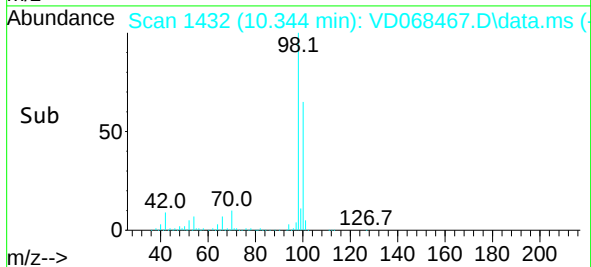
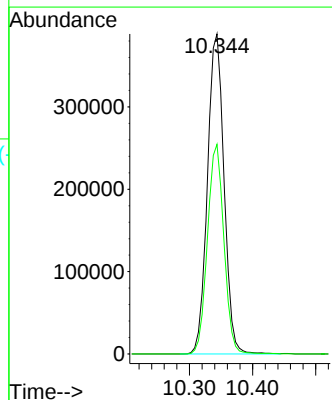
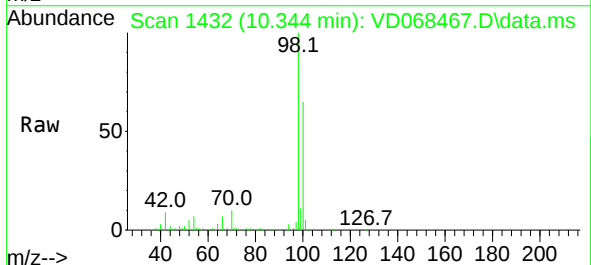


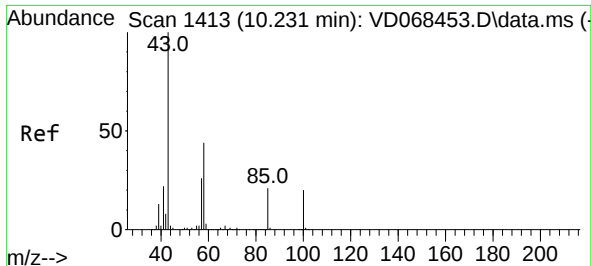
Tgt Ion:117 Resp: 29061
Ion Ratio Lower Upper
117 100
119 7.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion: 98 Resp: 709809
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

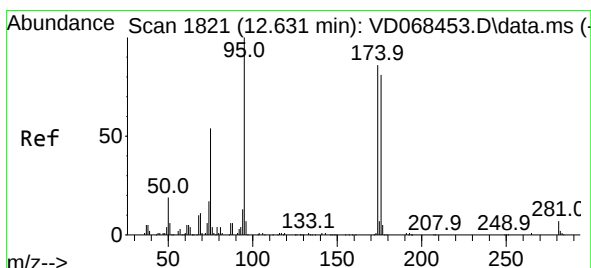
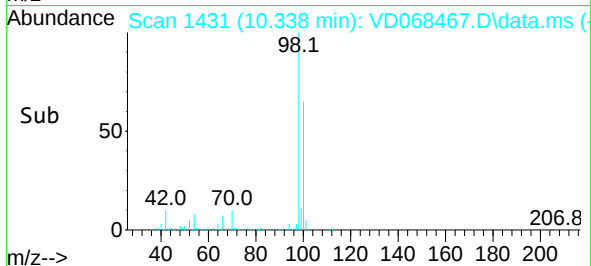
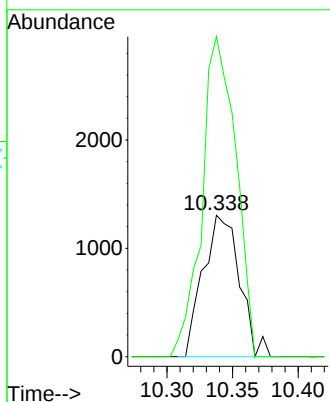
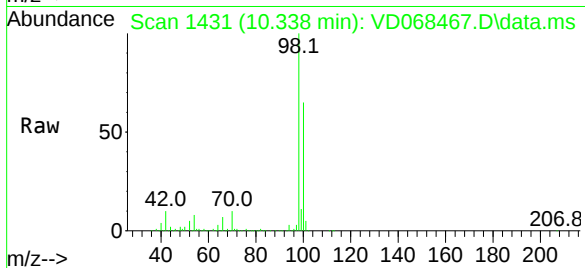




#51
4-Methyl-2-Pentanone
Concen: 1.47 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

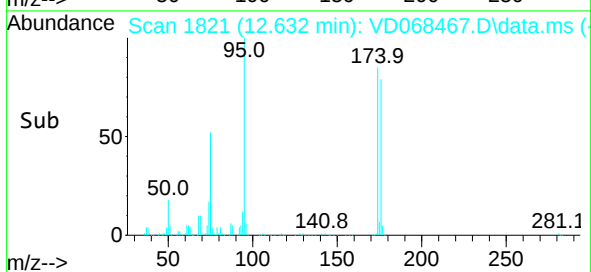
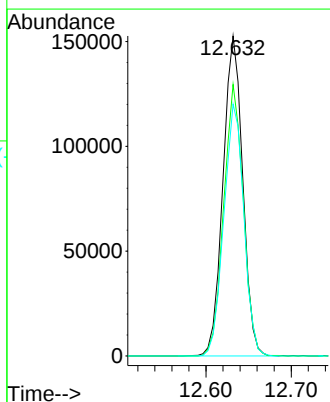
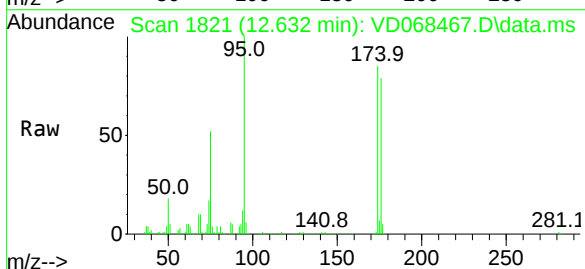
Instrument :
MSVOA_D
ClientSampled :
SB-4

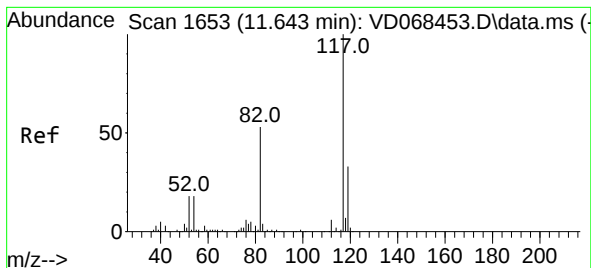
Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
58 210.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 56.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

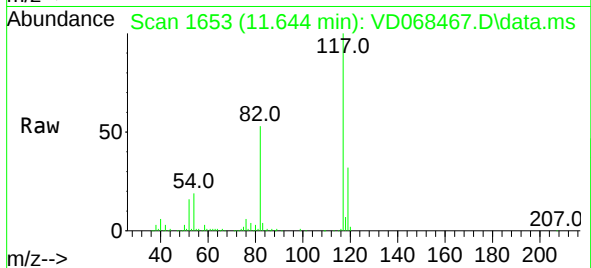
Tgt Ion: 95 Resp: 244975
Ion Ratio Lower Upper
95 100
174 84.4 0.0 172.4
176 79.8 0.0 168.4



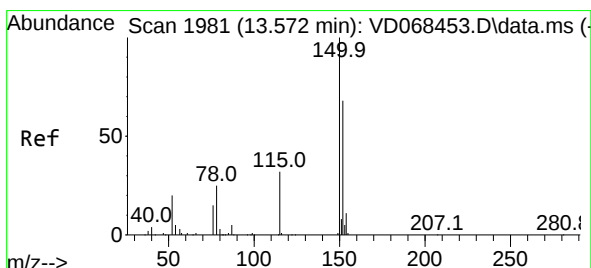
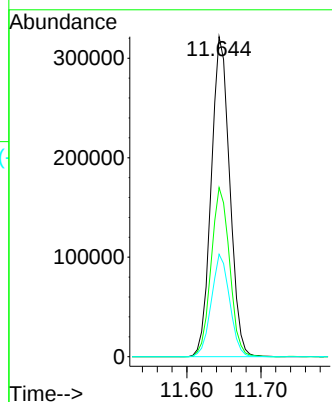
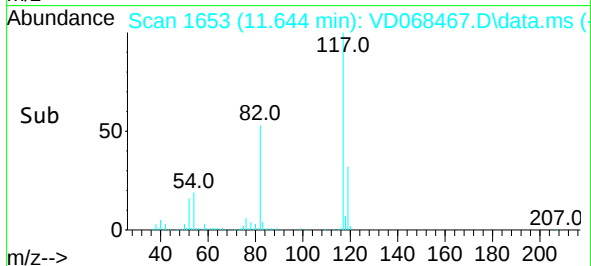


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

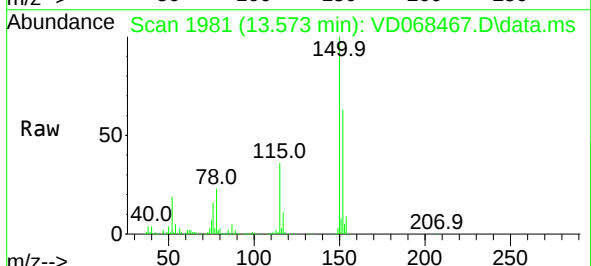
Instrument :
MSVOA_D
ClientSampled :
SB-4



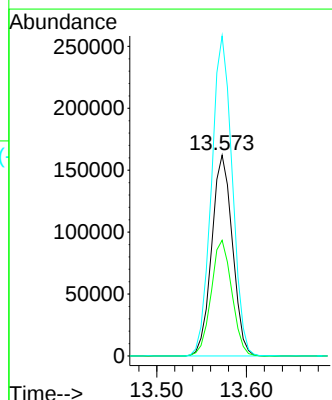
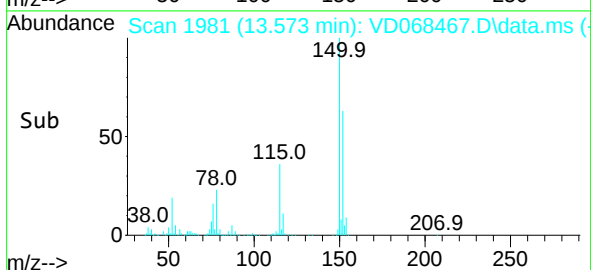
Tgt Ion:117 Resp: 556929
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.0 26.1 39.1

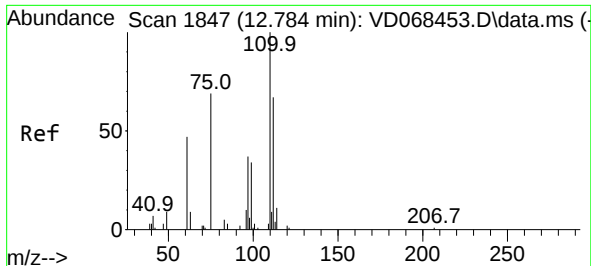


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13



Tgt Ion:152 Resp: 260320
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 159.6 0.0 344.4

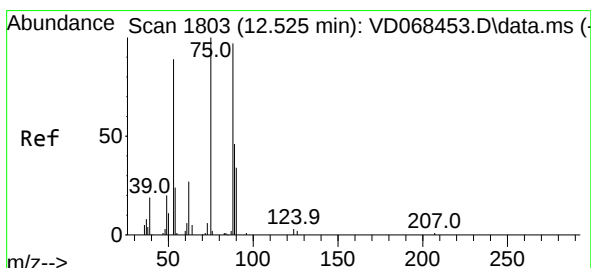
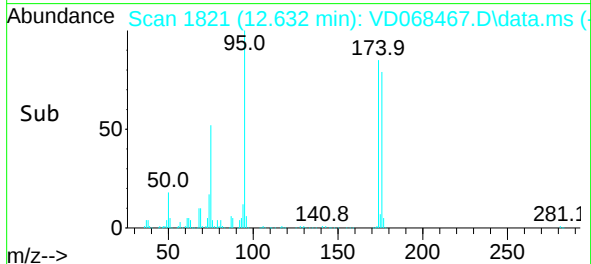
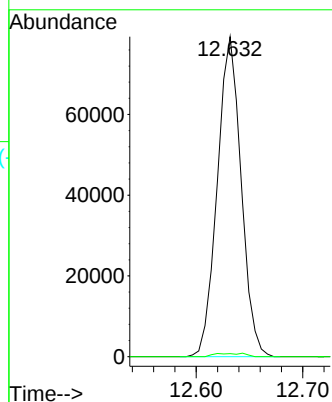
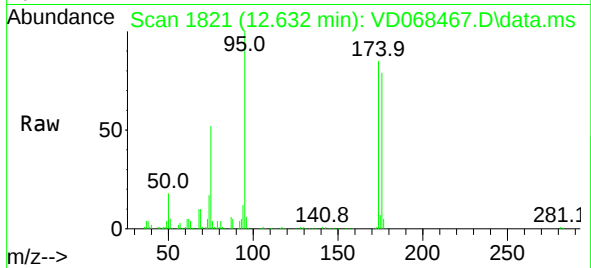




#76
1,2,3-Trichloropropane
Concen: 53.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-4

Tgt Ion: 75 Resp: 123225
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068467.D
Acq: 26 Feb 2021 20:13

Tgt Ion: 75 Resp: 123225
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

