

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068189.D
 Acq On : 26 Jan 2021 16:33
 Operator : VA/SY
 Sample : M1238-01
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 00:12:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

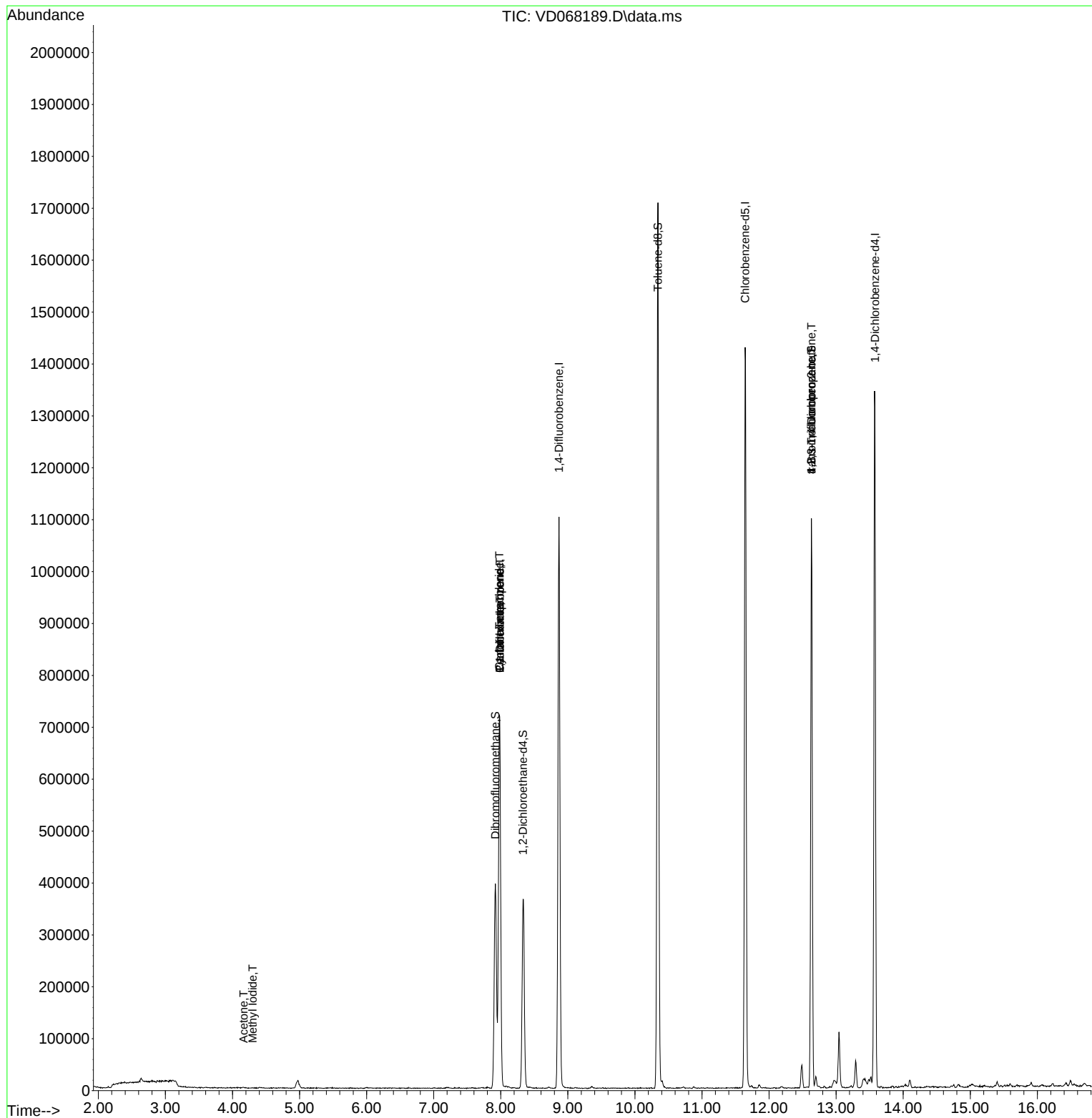
Internal Standards						
1) Pentafluorobenzene	7.985	168	545847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	973228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	855133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	363155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	300700	57.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.18%
35) Dibromofluoromethane	7.920	113	292360	54.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.68%
50) Toluene-d8	10.344	98	1199764	55.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.50%
62) 4-Bromofluorobenzene	12.632	95	379110	48.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.82%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	309	3.20	ug/l #	38
16) Acetone	4.167	43	2951	3.17	ug/l	89
20) Methylene Chloride	4.973	84	11376	Below	Cal	90
31) Cyclohexane	7.985	56	12110	1.07	ug/l #	26
36) 1,1-Dichloropropene	7.985	75	44894	4.57	ug/l #	47
38) Carbon Tetrachloride	7.979	117	55403	6.03	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	193878	55.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	193878	111.73	ug/l #	13

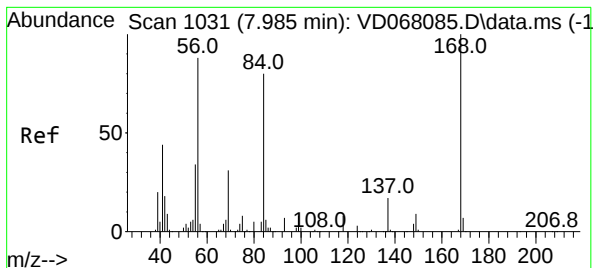
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
Data File : VD068189.D
Acq On : 26 Jan 2021 16:33
Operator : VA/SY
Sample : M1238-01
Misc : 6.27G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 27 00:12:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

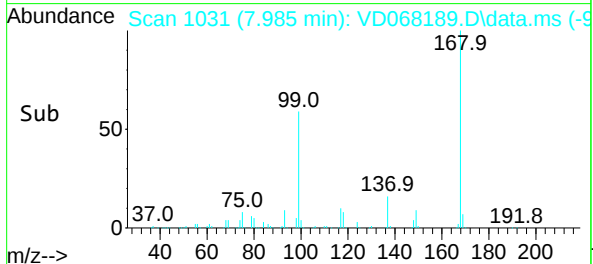
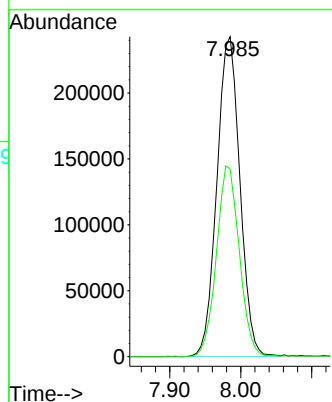
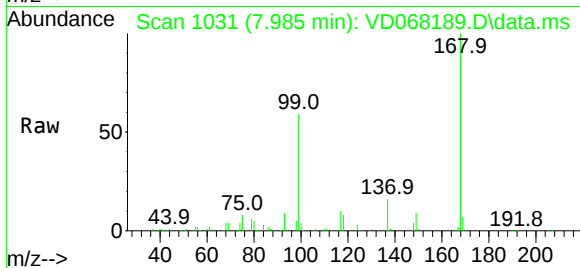




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

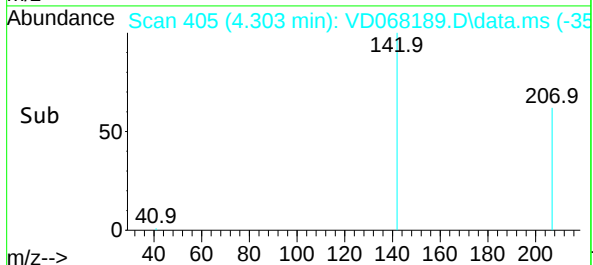
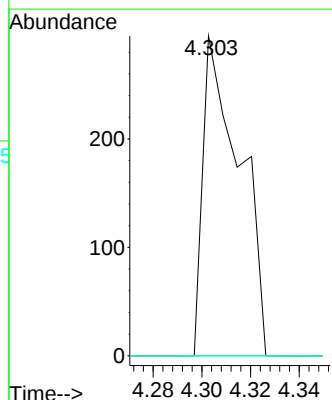
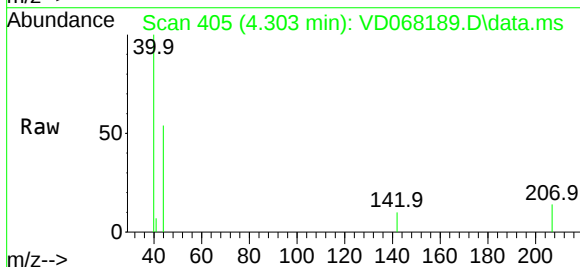
Instrument :
MSVOA_D
ClientSampleId :

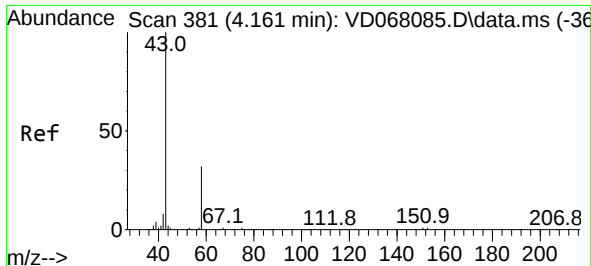
Tgt Ion:168 Resp: 545847
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.20 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

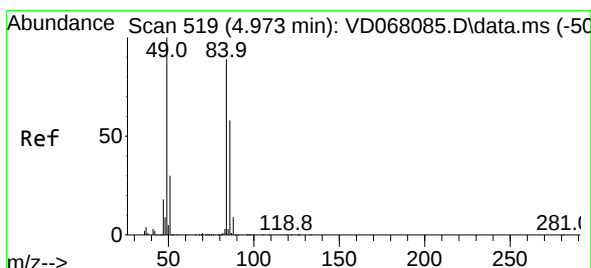
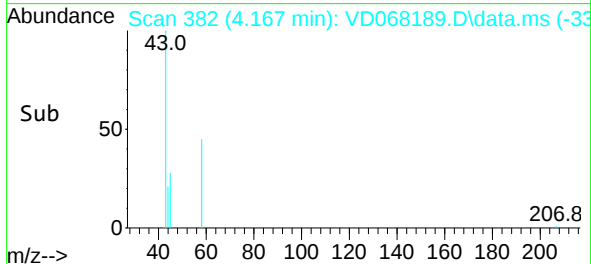
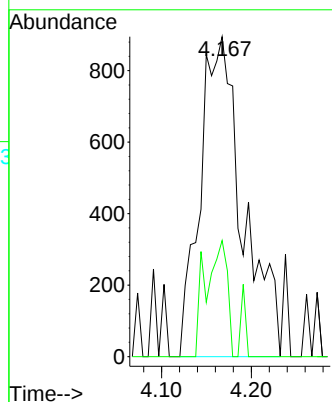
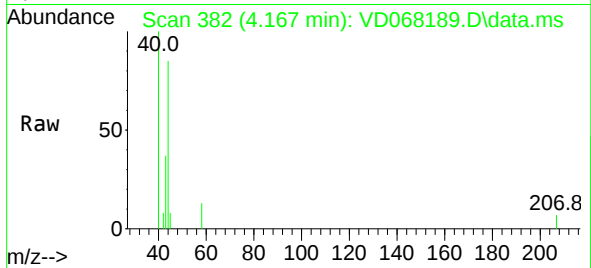




#16
Acetone
Concen: 3.17 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

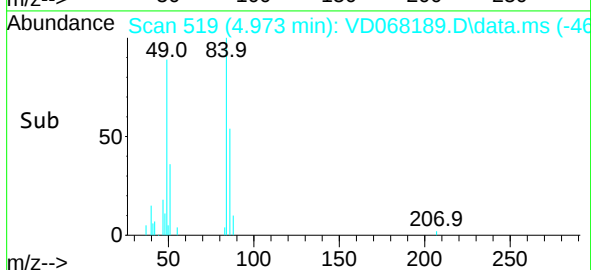
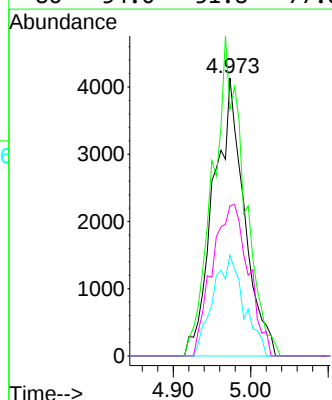
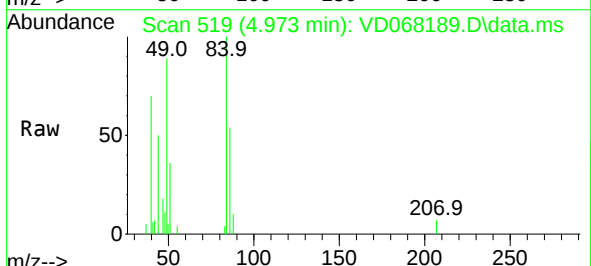
Instrument :
MSVOA_D
ClientSampleId :

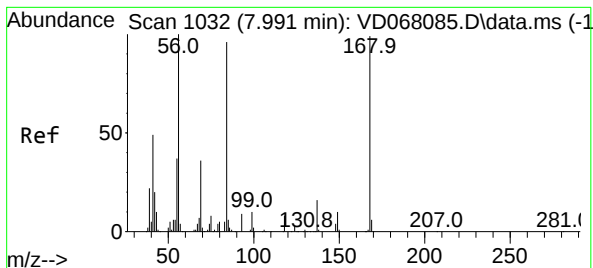
Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
58 36.3 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 84 Resp: 11376
Ion Ratio Lower Upper
84 100
49 88.8 77.4 116.2
51 36.3 26.1 39.1
86 54.0 51.8 77.8

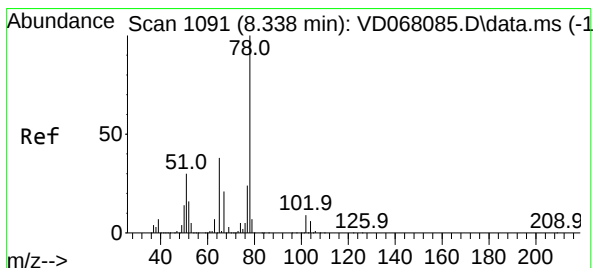
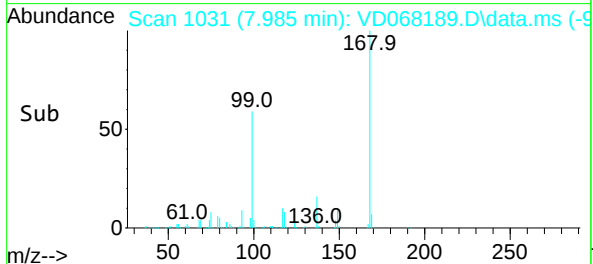
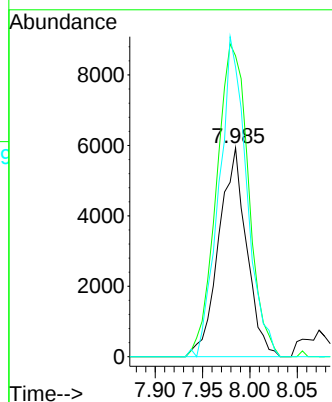
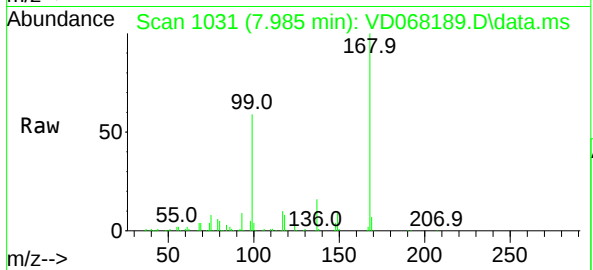




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

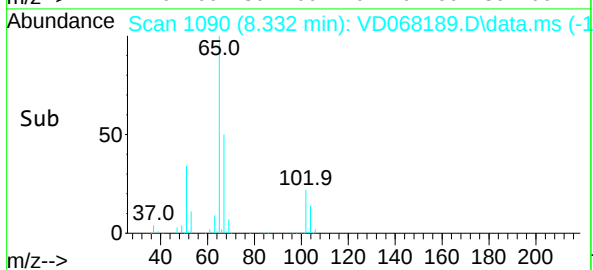
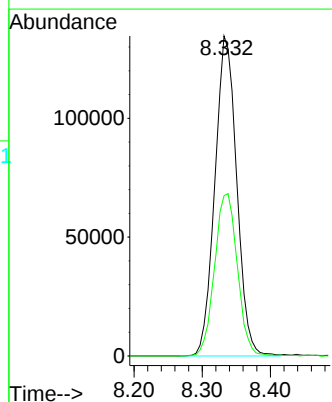
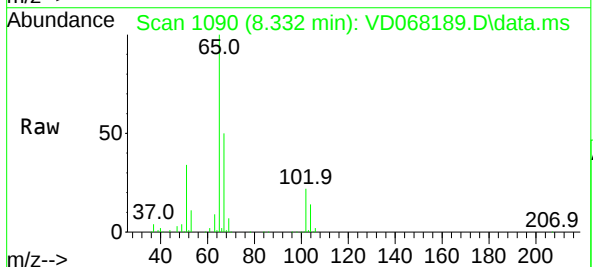
Instrument :
MSVOA_D
ClientSampled :

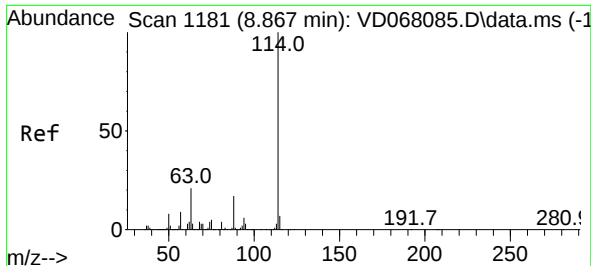
Tgt Ion: 56 Resp: 12110
Ion Ratio Lower Upper
56 100
69 144.0 30.1 45.1#
84 138.7 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 57.59 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 65 Resp: 300700
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

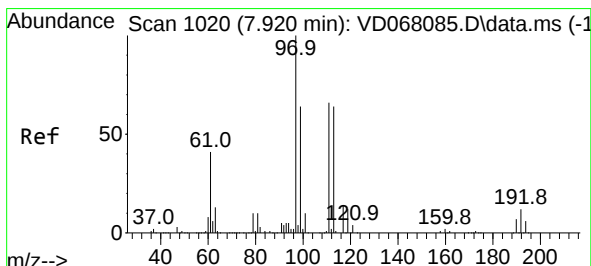
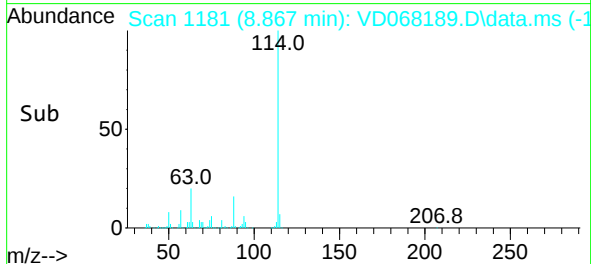
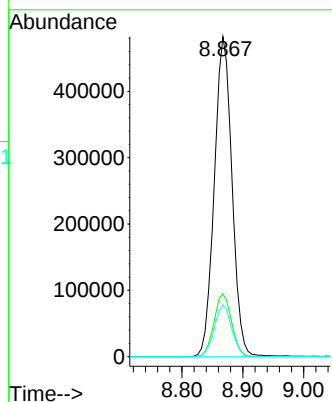
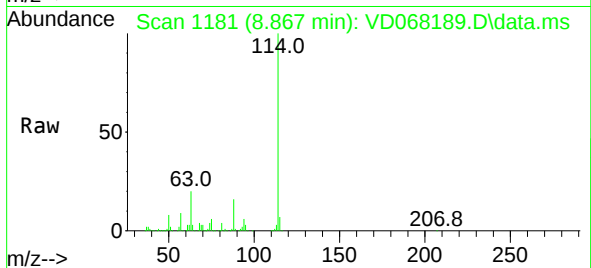




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

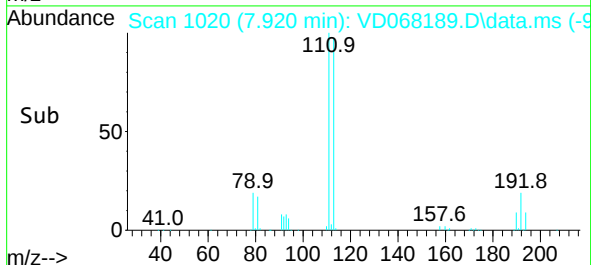
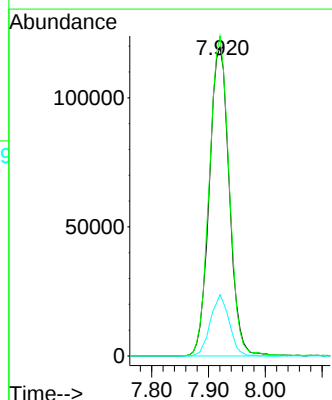
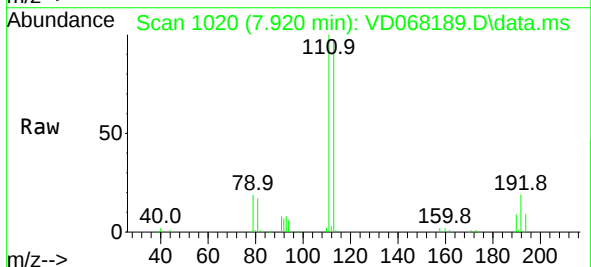
Instrument :
MSVOA_D
ClientSampled :

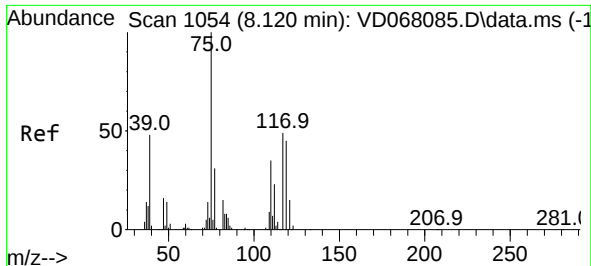
Tgt Ion:114 Resp: 973228
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion:113 Resp: 292360
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.6 16.1 24.1

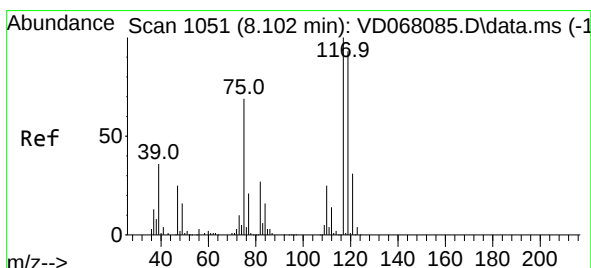
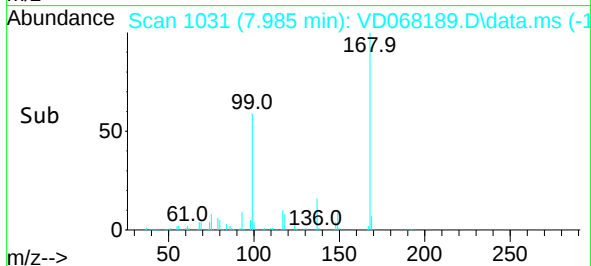
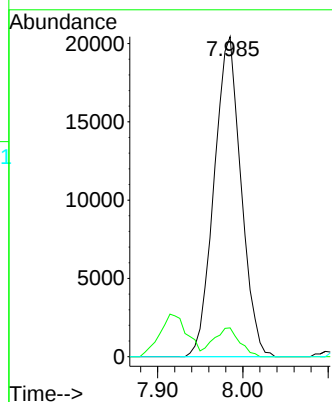
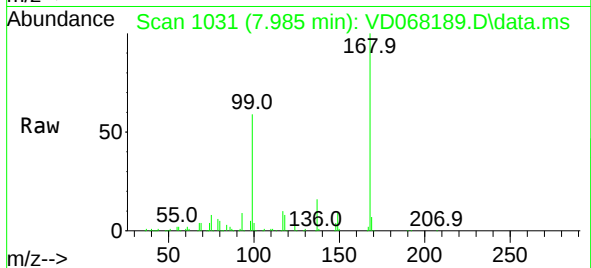




#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

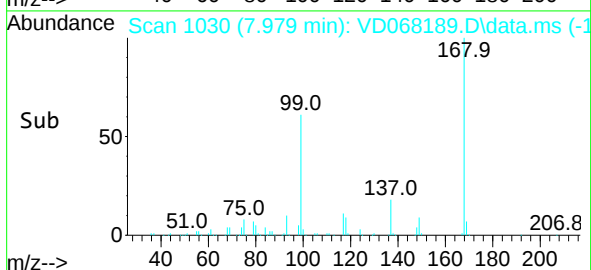
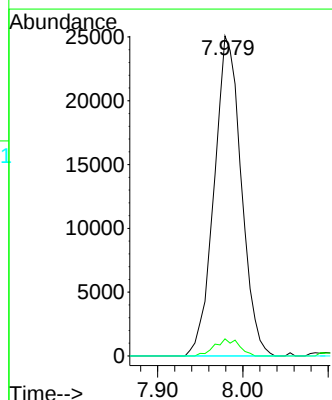
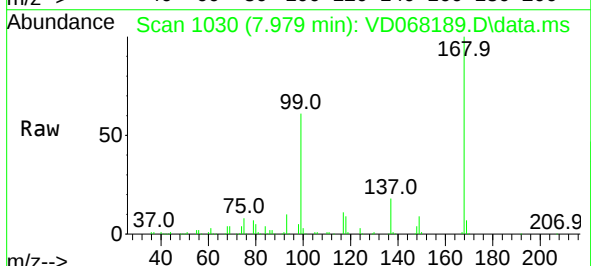
Instrument :
MSVOA_D
ClientSampled :

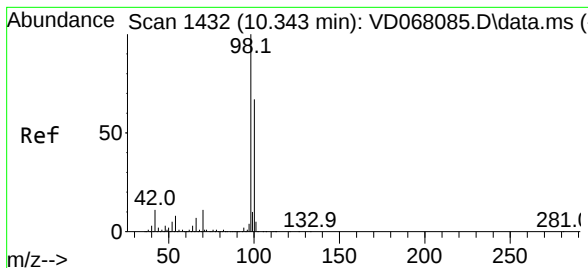
Tgt Ion: 75 Resp: 44894
Ion Ratio Lower Upper
75 100
110 8.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 117 Resp: 55403
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

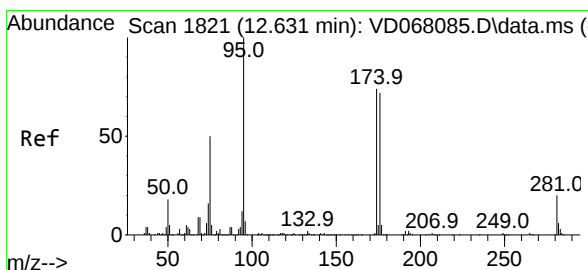
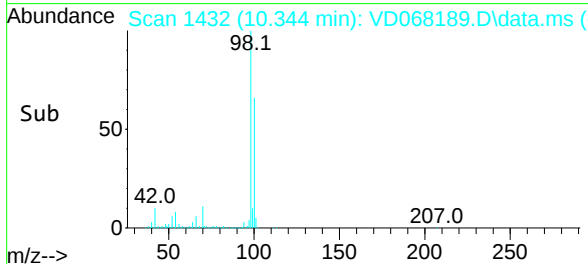
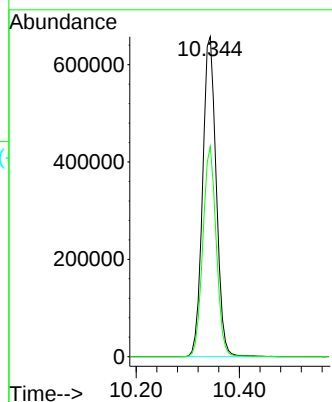
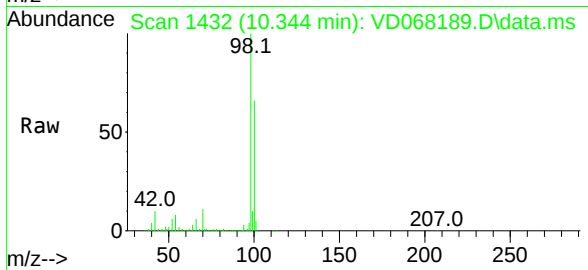




#50
Toluene-d8
Concen: 55.75 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

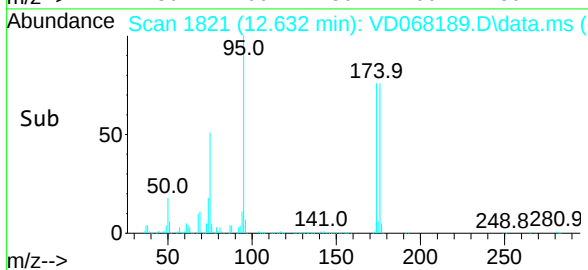
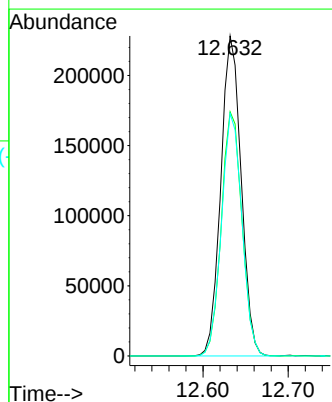
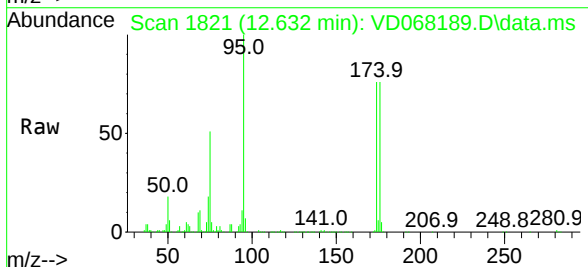
Instrument :
MSVOA_D
ClientSampleId :

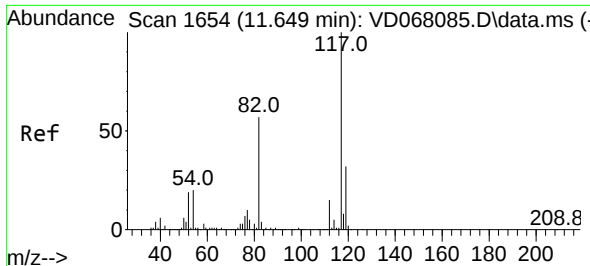
Tgt Ion: 98 Resp: 1199764
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 95 Resp: 379110
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 76.3 0.0 168.4

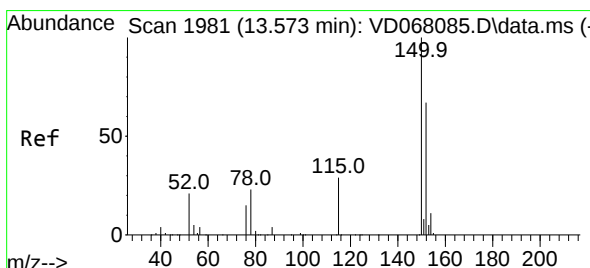
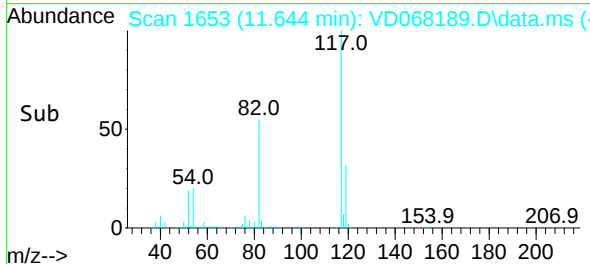
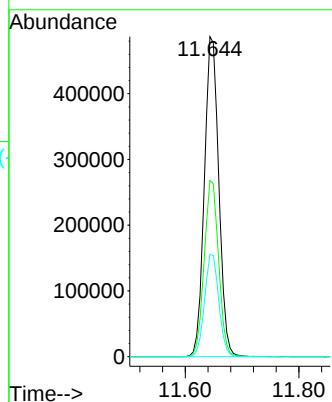
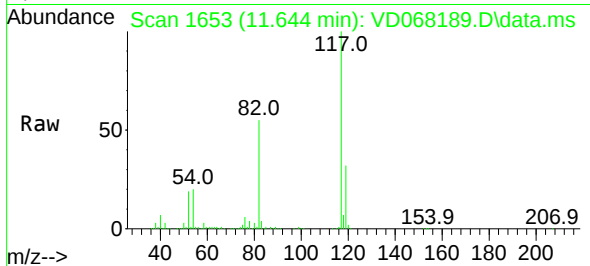




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

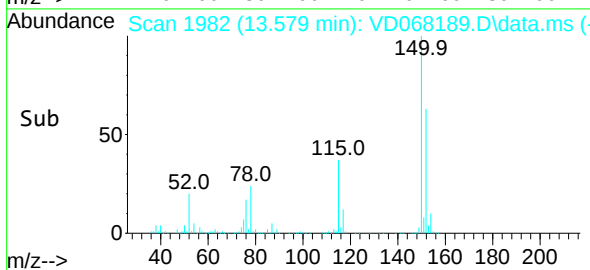
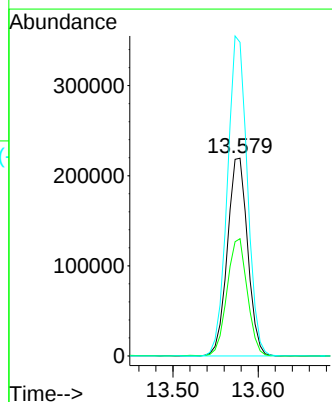
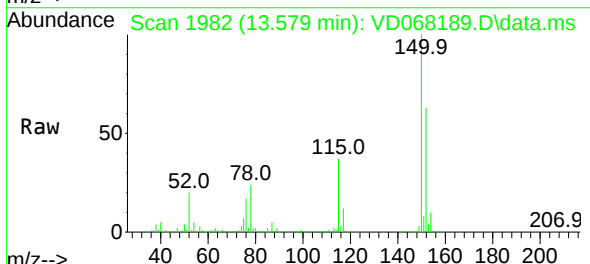
Instrument :
MSVOA_D
ClientSampleId :

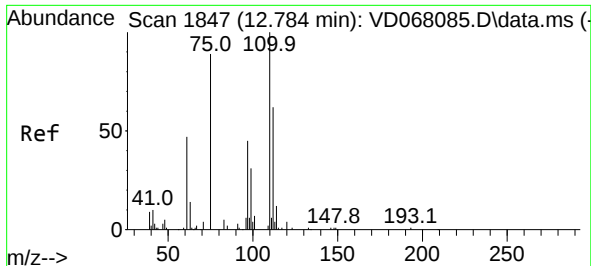
Tgt Ion:117 Resp: 855133
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion:152 Resp: 363155
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 158.8 0.0 344.4

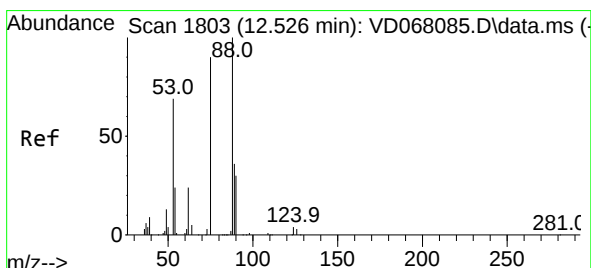
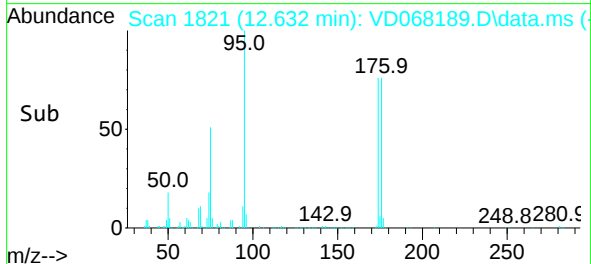
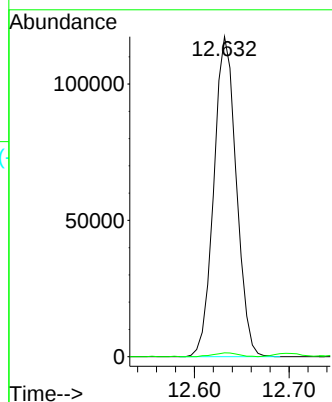
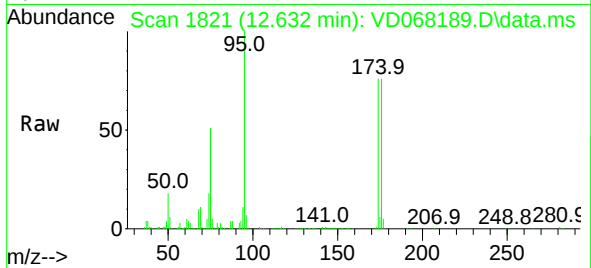




#76
1,2,3-Trichloropropane
Concen: 55.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 193878
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068189.D
Acq: 26 Jan 2021 16:33

Tgt Ion: 75 Resp: 193878
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

