

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068206.D
 Acq On : 27 Jan 2021 18:56
 Operator : VA/SY
 Sample : M1256-01
 Misc : 4.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 23:58:58 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)

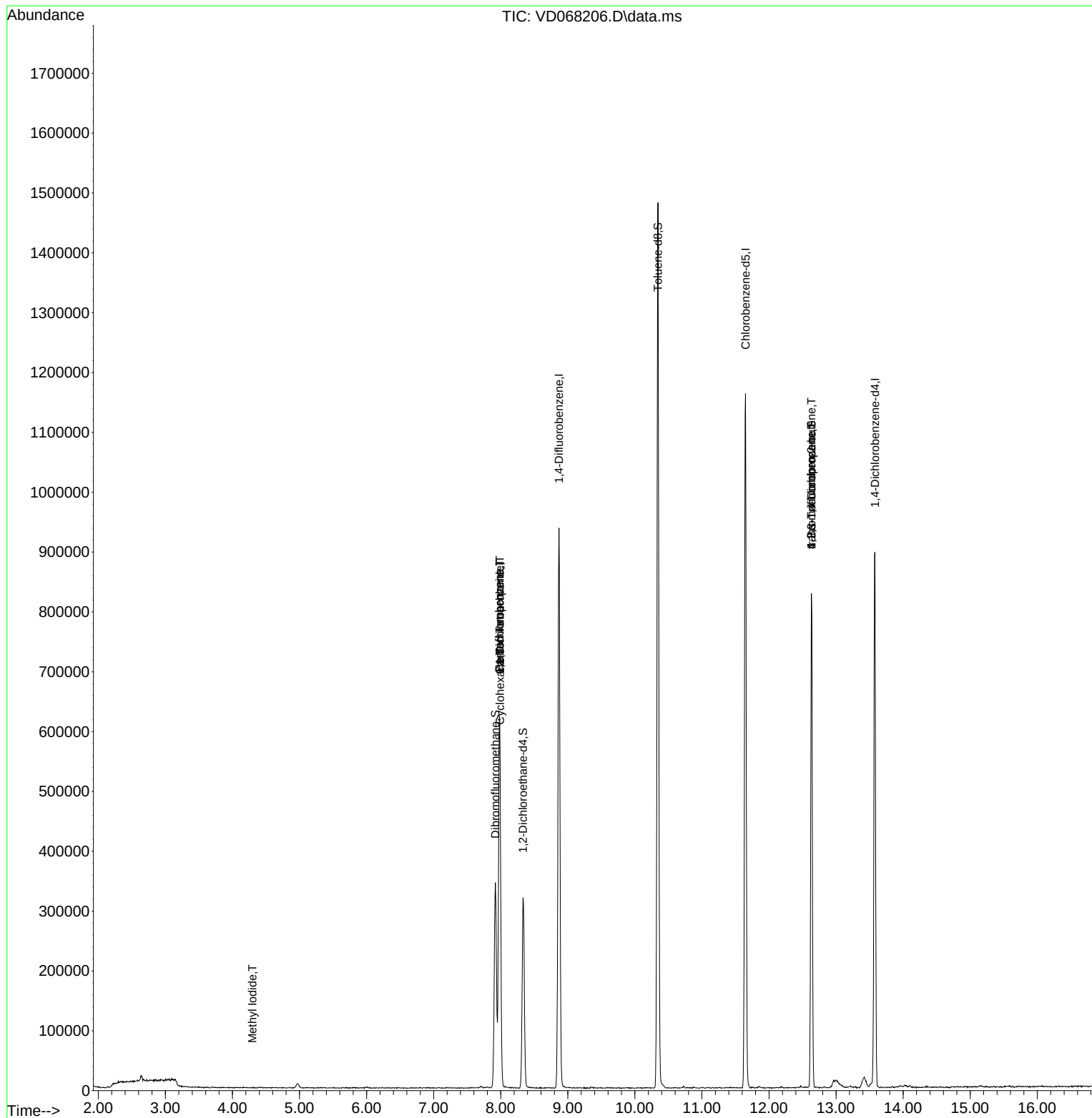
Internal Standards						
1) Pentafluorobenzene	7.979	168	479893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	845275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	688941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	246127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259699	56.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.14%			
35) Dibromofluoromethane	7.920	113	250261	53.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.10%			
50) Toluene-d8	10.344	98	1030652	55.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.28%			
62) 4-Bromofluorobenzene	12.632	95	290464	43.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.30%			
Target Compounds						
10) Methyl Iodide	4.297	142	76	3.17	ug/l #	38
20) Methylene Chloride	4.968	84	5389	Below Cal		96
31) Cyclohexane	7.991	56	10533	1.06	ug/l #	13
36) 1,1-Dichloropropene	7.985	75	39288	4.61	ug/l #	47
38) Carbon Tetrachloride	7.985	117	48283	6.05	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	149087	62.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	149087	126.77	ug/l #	13

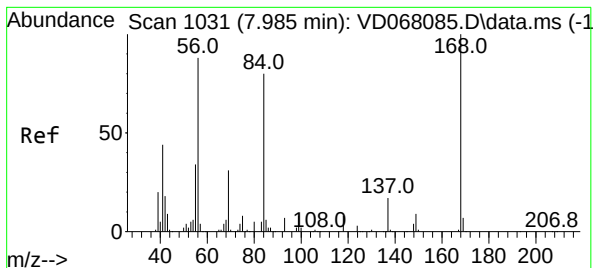
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
Data File : VD068206.D
Acq On : 27 Jan 2021 18:56
Operator : VA/SY
Sample : M1256-01
Misc : 4.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 27 23:58:58 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

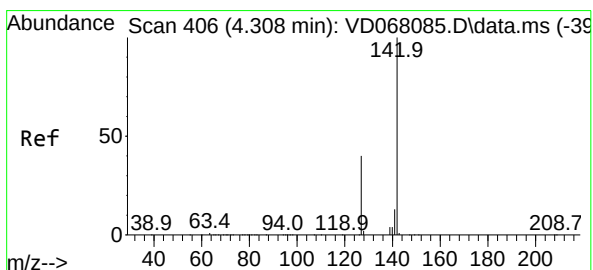
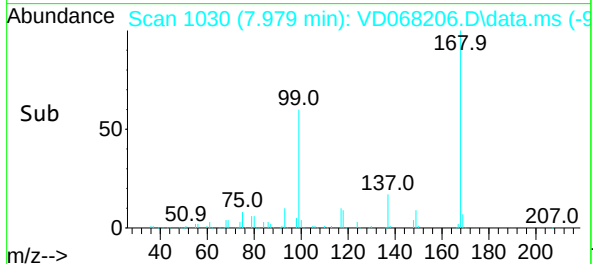
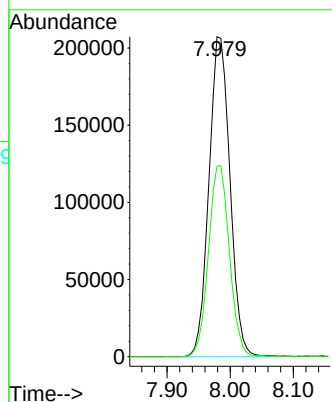
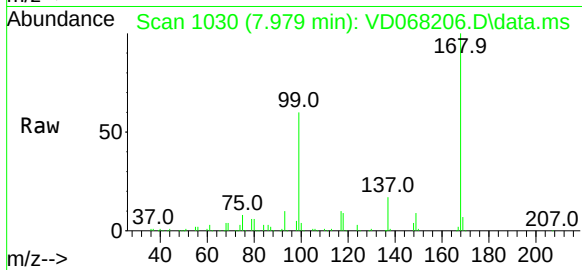




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

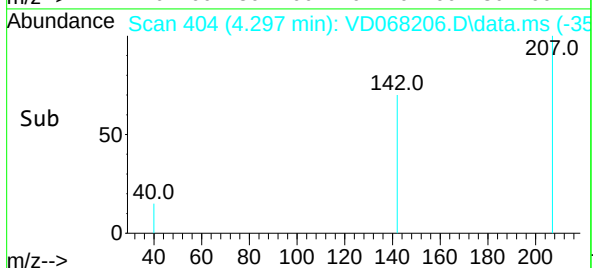
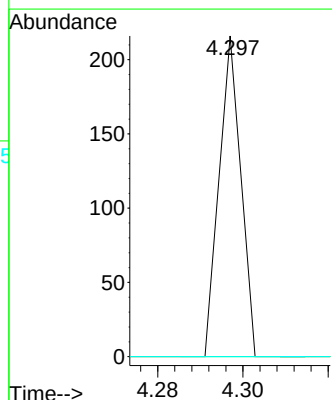
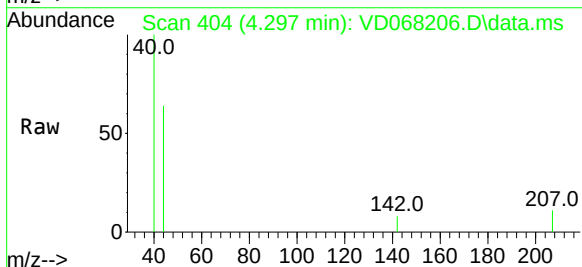
Instrument :
MSVOA_D
ClientSampleId :

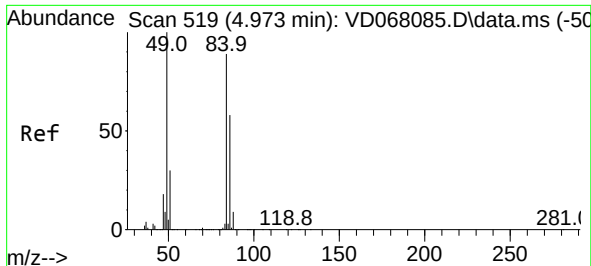
Tgt Ion:168 Resp: 479893
Ion Ratio Lower Upper
168 100
99 59.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

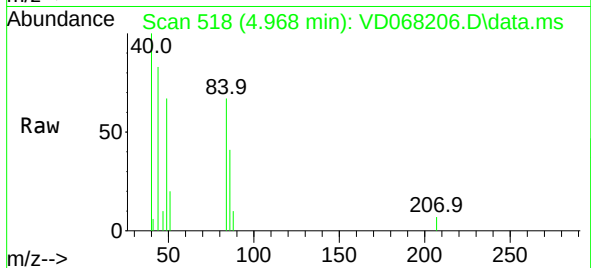
Tgt Ion:142 Resp: 76
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



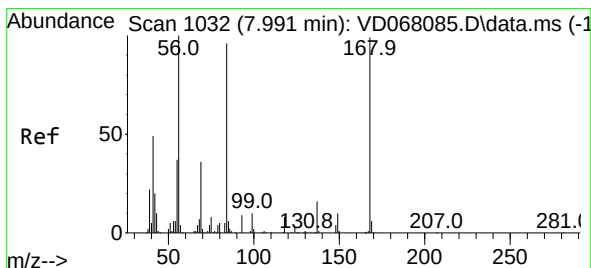
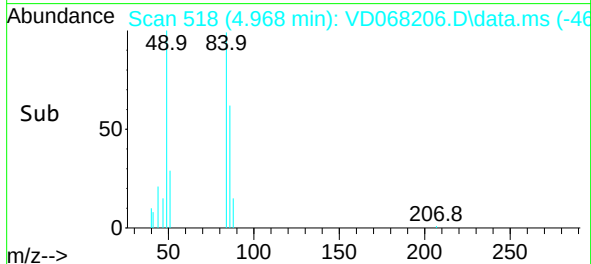
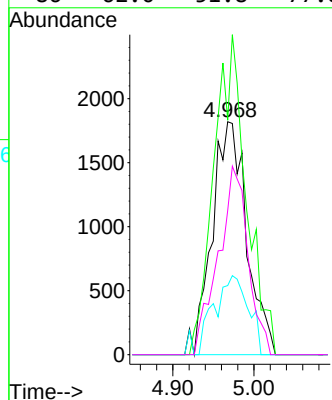


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

Instrument :
MSVOA_D
ClientSampled :

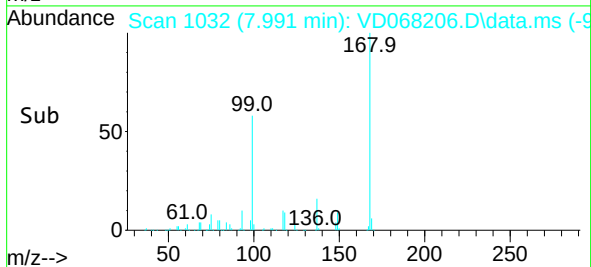
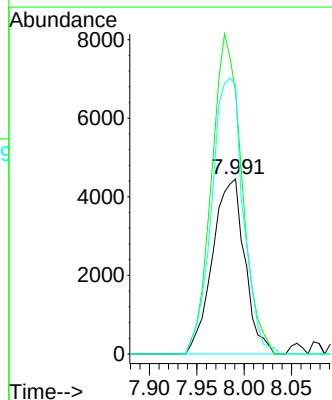
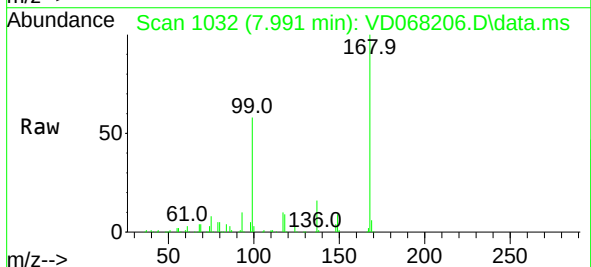


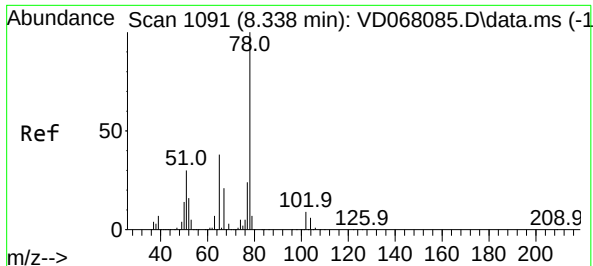
Tgt Ion:	84	Resp:	5389
Ion	Ratio	Lower	Upper
84	100		
49	100.6	77.4	116.2
51	29.7	26.1	39.1
86	62.0	51.8	77.8



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

Tgt Ion:	56	Resp:	10533
Ion	Ratio	Lower	Upper
56	100		
69	149.8	30.1	45.1#
84	153.7	82.1	123.1#

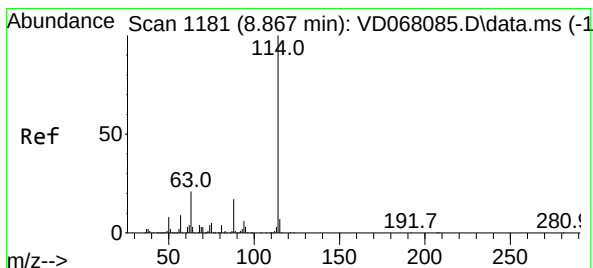
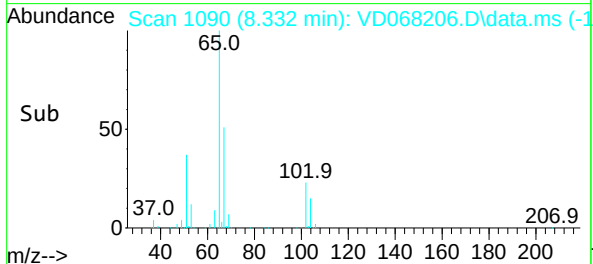
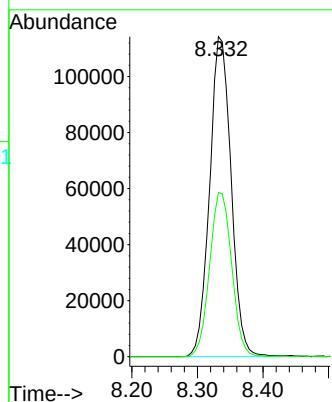
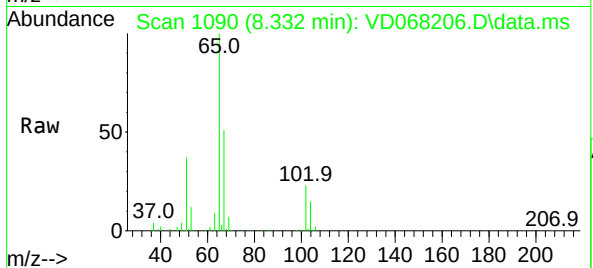




#33
 1,2-Dichloroethane-d4
 Concen: 56.57 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068206.D
 Acq: 27 Jan 2021 18:56

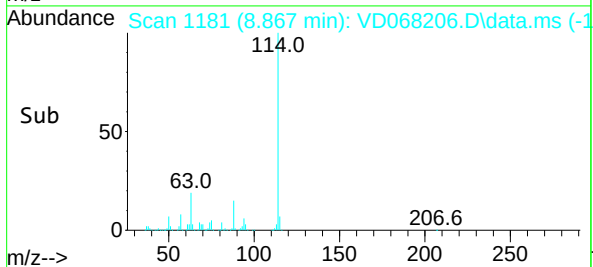
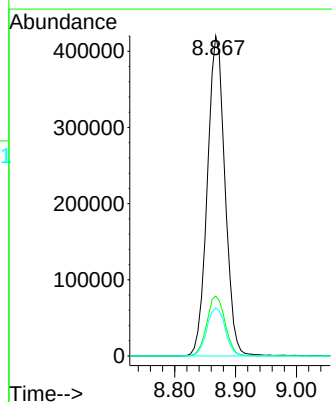
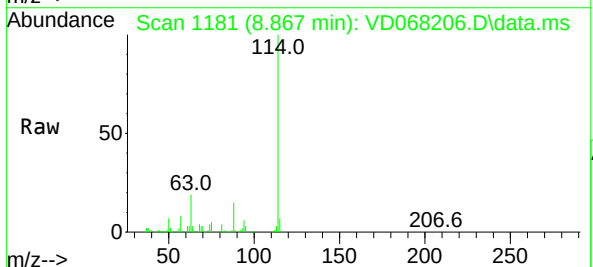
Instrument :
 MSVOA_D
 ClientSampled :

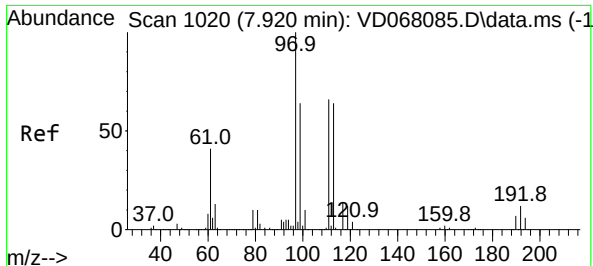
Tgt Ion: 65 Resp: 259699
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068206.D
 Acq: 27 Jan 2021 18:56

Tgt Ion: 114 Resp: 845275
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.8
 88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.55 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068206.D

Acq: 27 Jan 2021 18:56

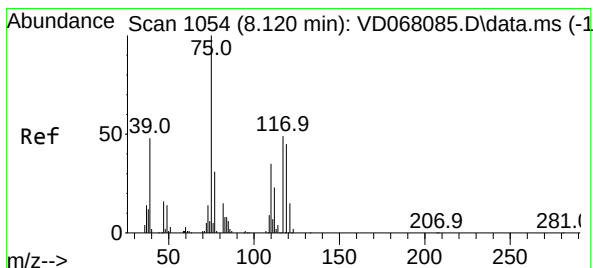
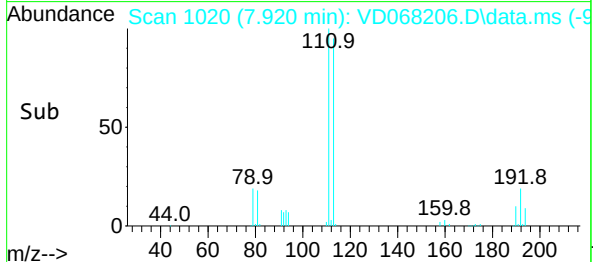
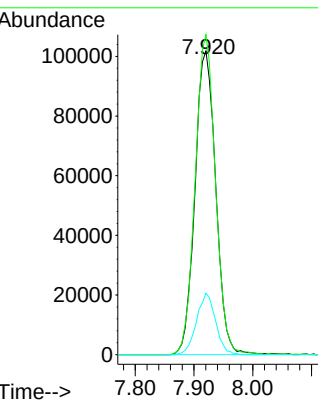
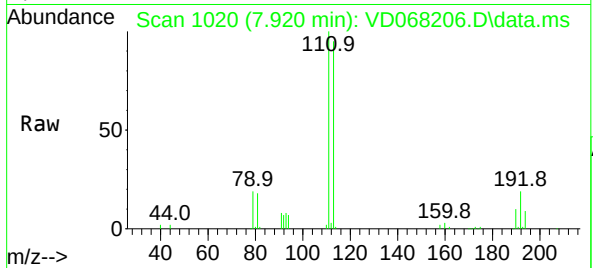
Tgt Ion:113 Resp: 250261

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068206.D

Acq: 27 Jan 2021 18:56

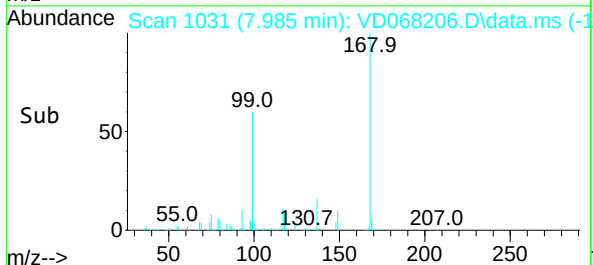
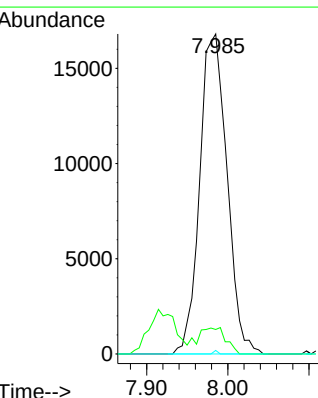
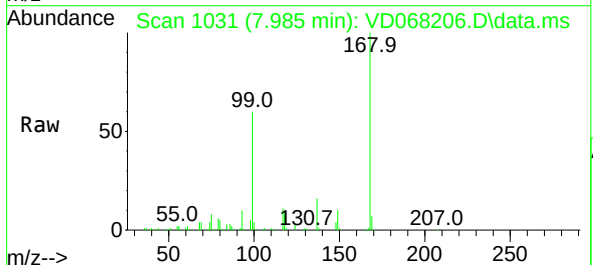
Tgt Ion: 75 Resp: 39288

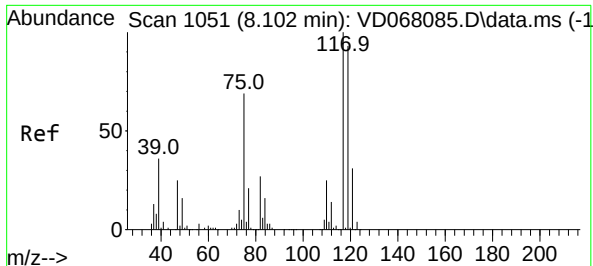
Ion Ratio Lower Upper

75 100

110 8.5 19.4 58.2#

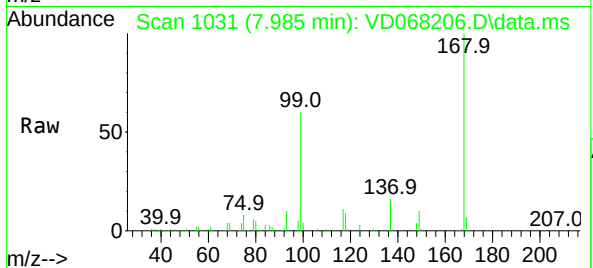
77 0.2 25.3 37.9#



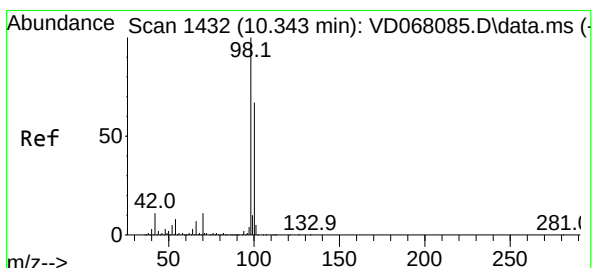
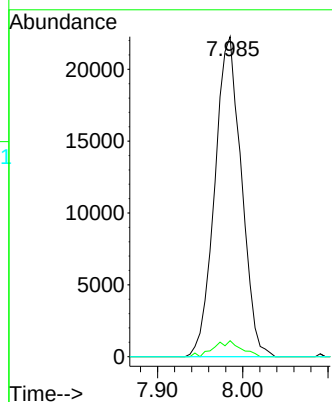
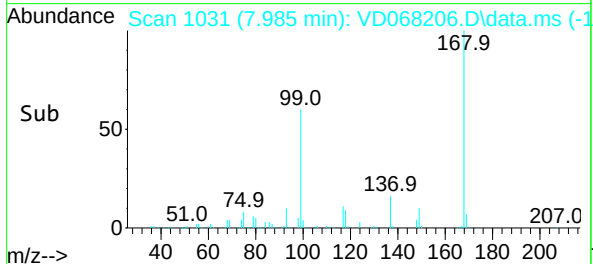


#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

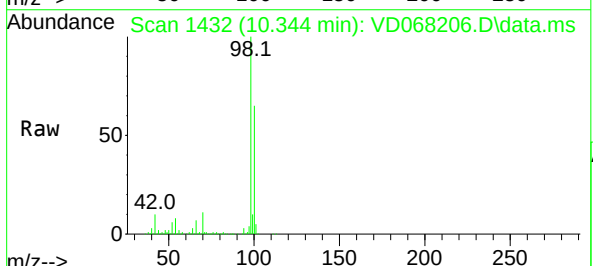
Instrument :
MSVOA_D
ClientSampled :



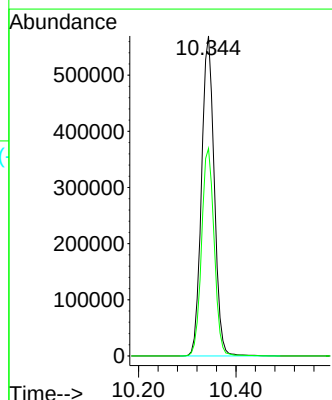
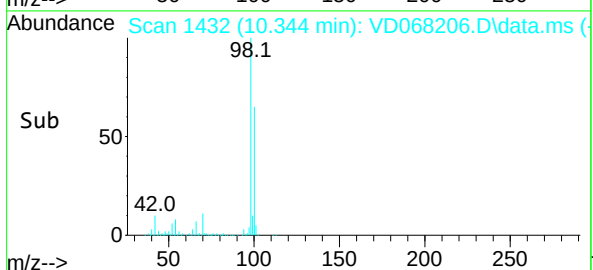
Tgt Ion:117 Resp: 48283
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#

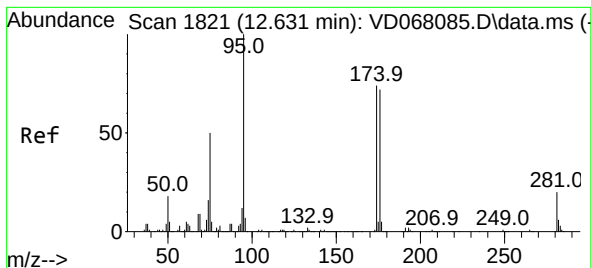


#50
Toluene-d8
Concen: 55.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56



Tgt Ion: 98 Resp: 1030652
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4

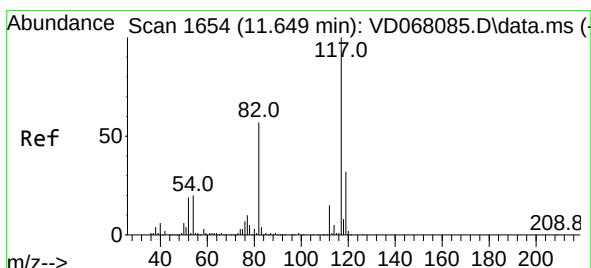
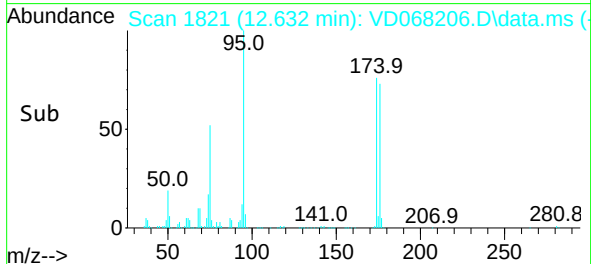
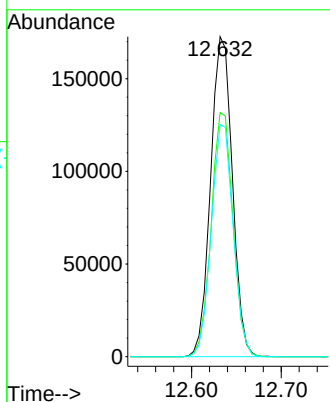
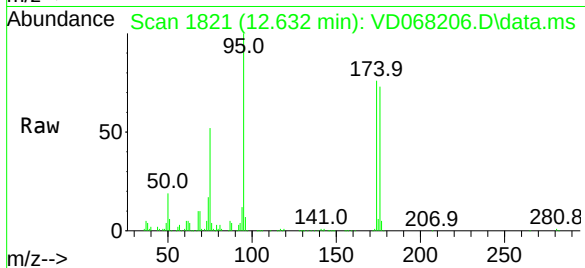




#62
4-Bromofluorobenzene
Concen: 43.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

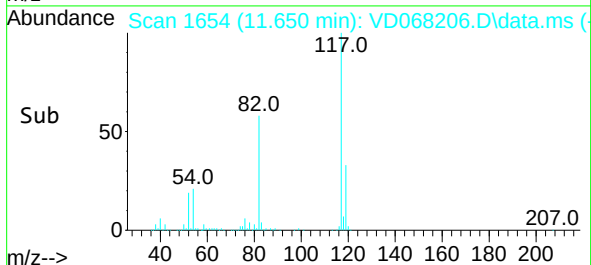
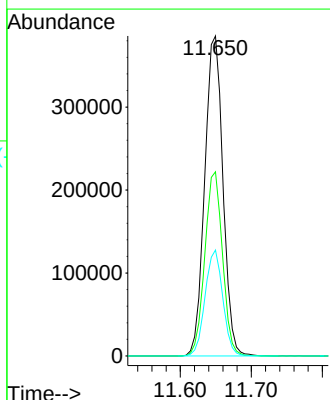
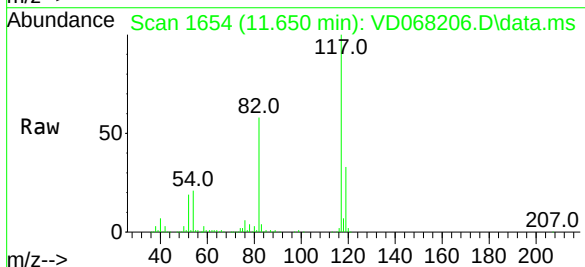
Instrument :
MSVOA_D
ClientSampleId :

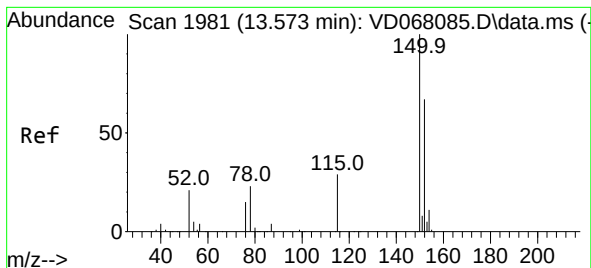
Tgt Ion: 95 Resp: 290464
Ion Ratio Lower Upper
95 100
174 76.6 0.0 172.4
176 73.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068206.D
Acq: 27 Jan 2021 18:56

Tgt Ion: 117 Resp: 688941
Ion Ratio Lower Upper
117 100
82 57.6 41.4 62.0
119 33.1 26.1 39.1

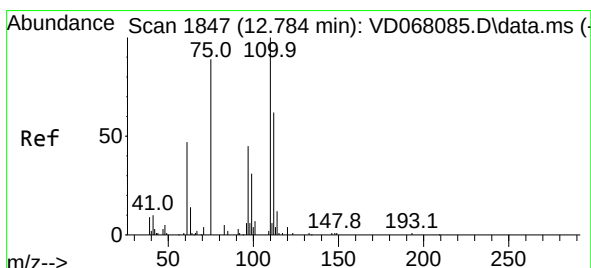
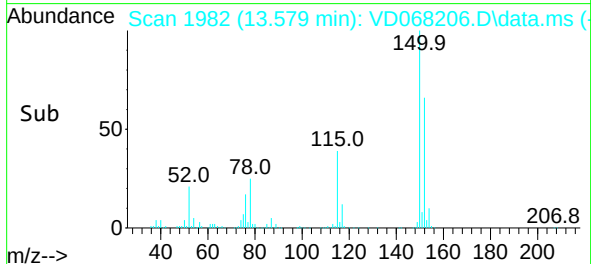
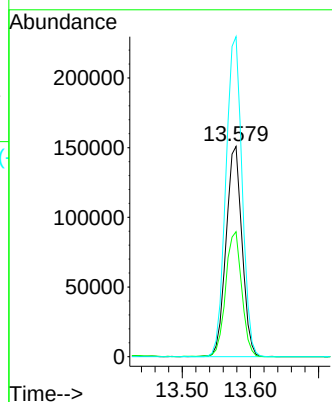
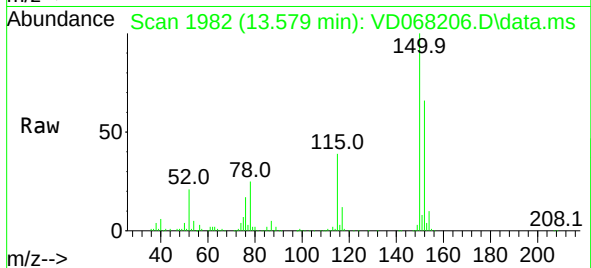




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VD068206.D
 Acq: 27 Jan 2021 18:56

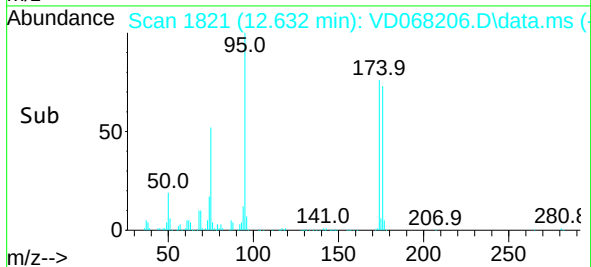
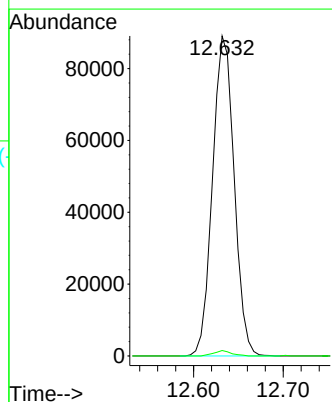
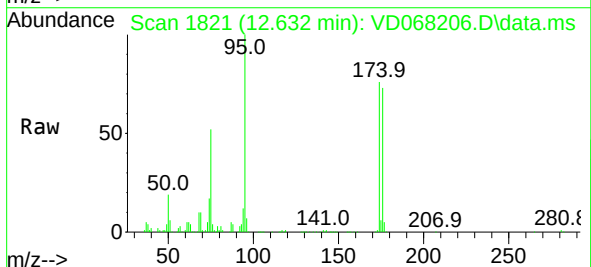
Instrument :
 MSVOA_D
 ClientSampleId :

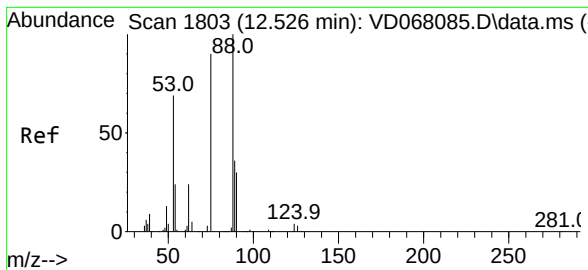
Tgt Ion:152 Resp: 246127
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.8
 150 154.7 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 62.65 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068206.D
 Acq: 27 Jan 2021 18:56

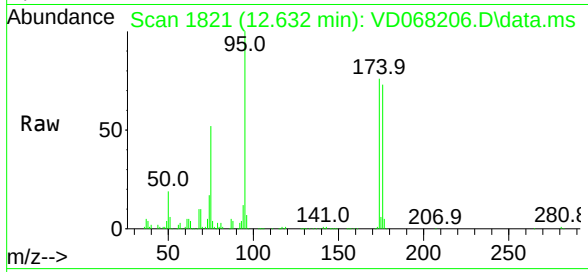
Tgt Ion: 75 Resp: 149087
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.77 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068206.D
 Acq: 27 Jan 2021 18:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 149087
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

