

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068245.D
 Acq On : 29 Jan 2021 17:42
 Operator : VA/SY
 Sample : M1286-16
 Misc : 4.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:04:18 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)

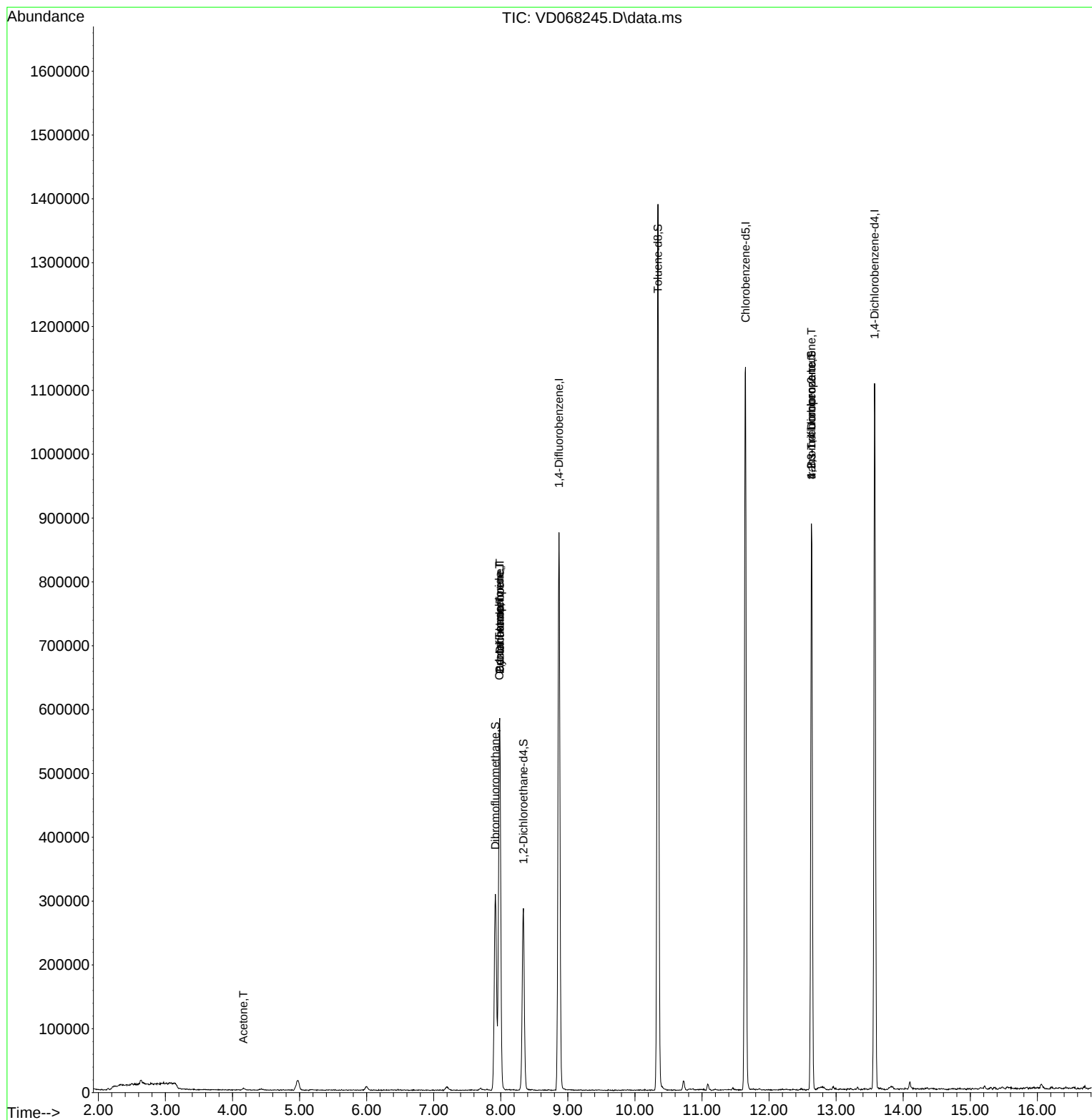
Internal Standards						
1) Pentafluorobenzene	7.985	168	446232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	782375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	684841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	294723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	224953	52.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.40%			
35) Dibromofluoromethane	7.920	113	229040	52.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.90%			
50) Toluene-d8	10.344	98	966544	55.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.72%			
62) 4-Bromofluorobenzene	12.632	95	302539	48.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.12%			
Target Compounds						
11) Tert butyl alcohol	5.191	59	443	Below Cal	#	74
16) Acetone	4.161	43	4482	5.88	ug/l	95
20) Methylene Chloride	4.979	84	12952	Below Cal	#	89
31) Cyclohexane	7.985	56	9619	1.04	ug/l	# 27
36) 1,1-Dichloropropene	7.985	75	37697	4.78	ug/l	# 46
38) Carbon Tetrachloride	7.979	117	46004	6.23	ug/l	# 15
76) 1,2,3-Trichloropropane	12.632	75	155698	54.64	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	155698	110.56	ug/l	# 13

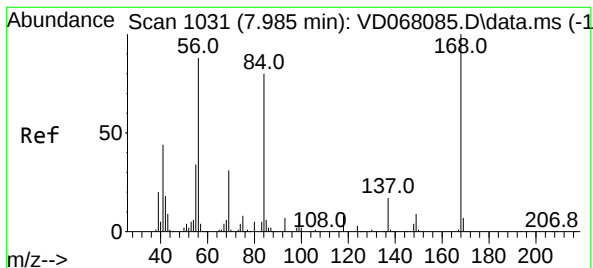
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
Data File : VD068245.D
Acq On : 29 Jan 2021 17:42
Operator : VA/SY
Sample : M1286-16
Misc : 4.86G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

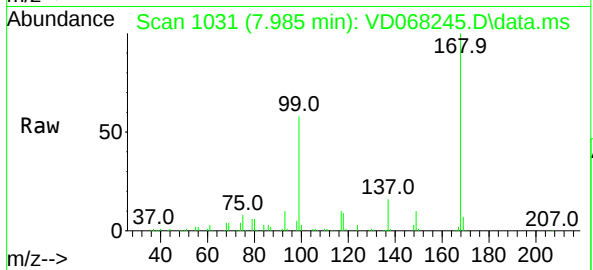
Quant Time: Jan 30 00:04:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration



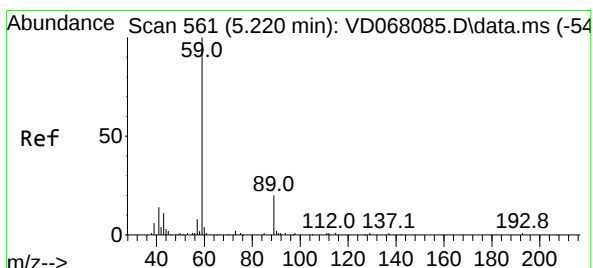
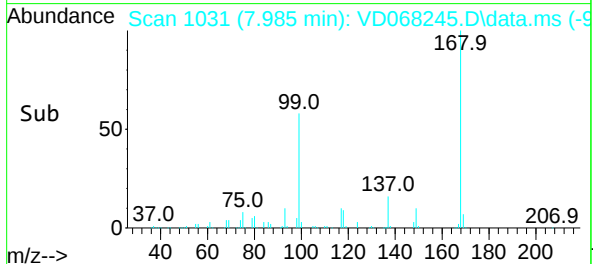
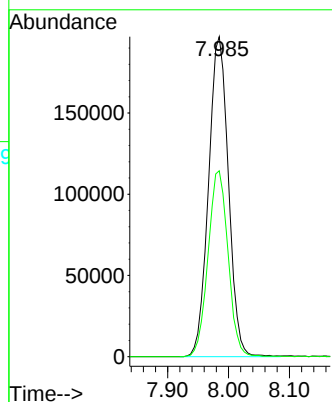


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Instrument :
MSVOA_D
ClientSampled :

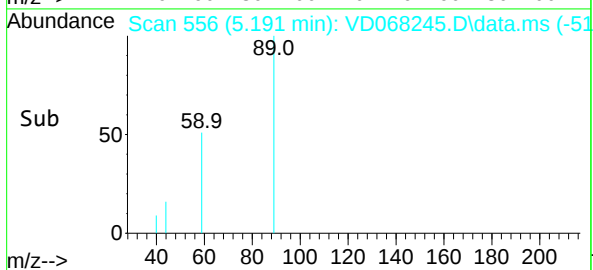
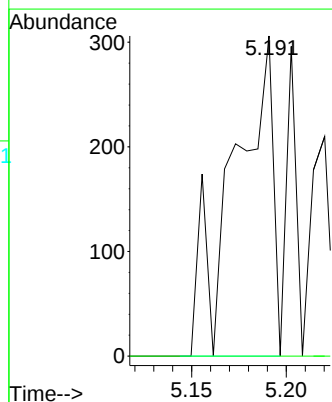
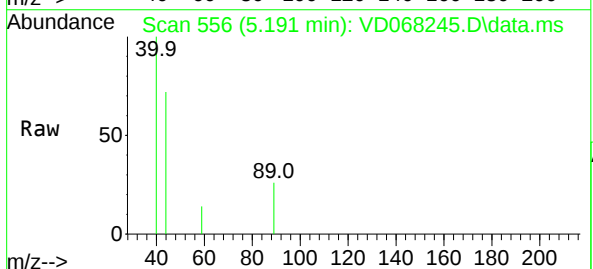


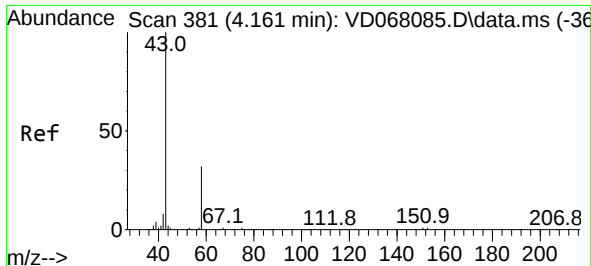
Tgt Ion:168 Resp: 446232
Ion Ratio Lower Upper
168 100
99 58.1 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion: 59 Resp: 443
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

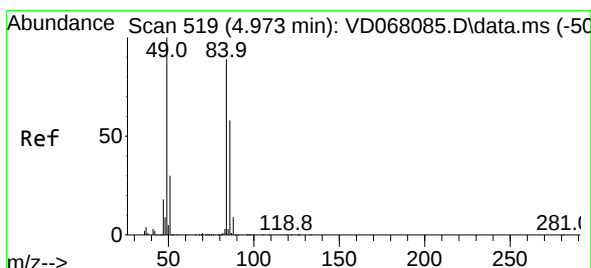
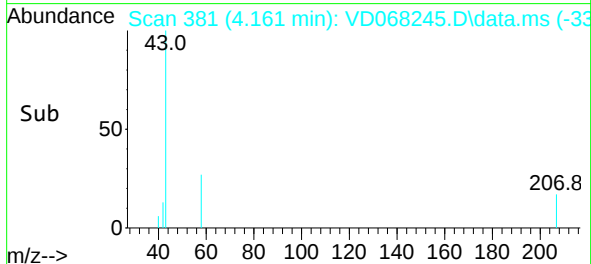
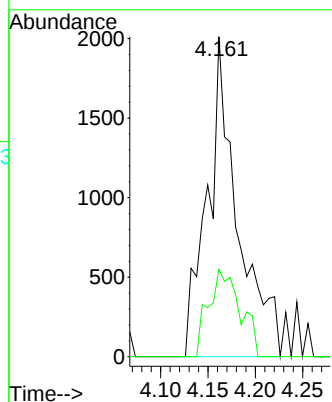
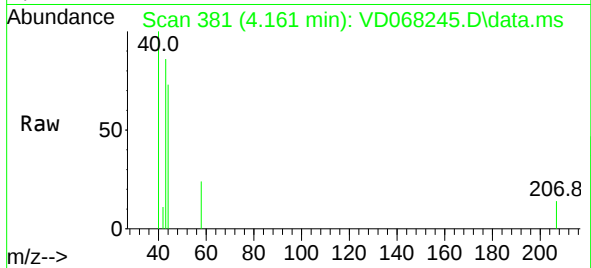




#16
Acetone
Concen: 5.88 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

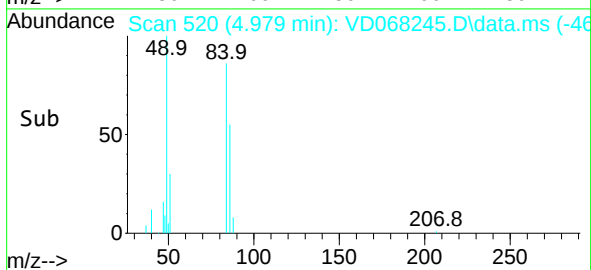
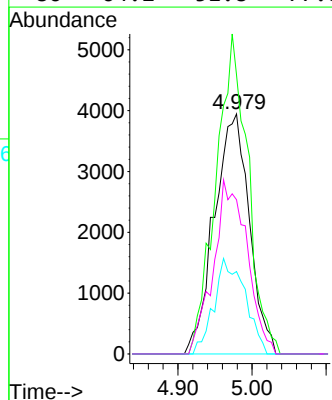
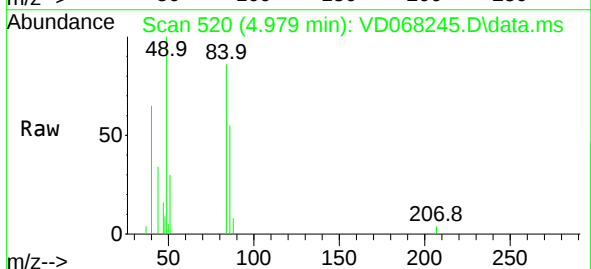
Instrument :
MSVOA_D
ClientSampleId :

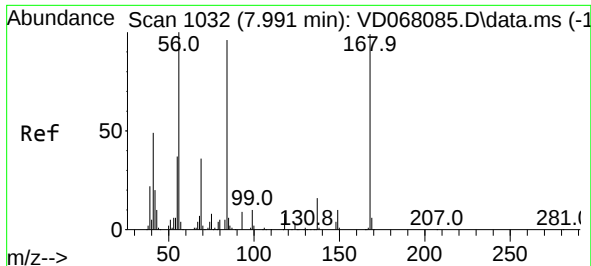
Tgt Ion: 43 Resp: 4482
Ion Ratio Lower Upper
43 100
58 27.3 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion: 84 Resp: 12952
Ion Ratio Lower Upper
84 100
49 116.2 77.4 116.2#
51 34.3 26.1 39.1
86 64.2 51.8 77.8

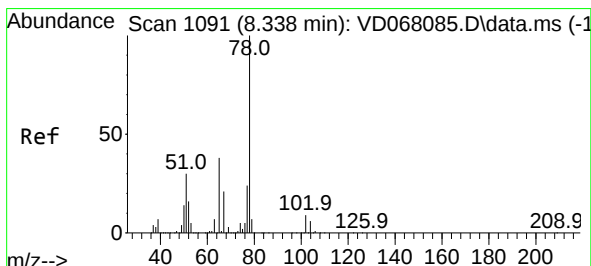
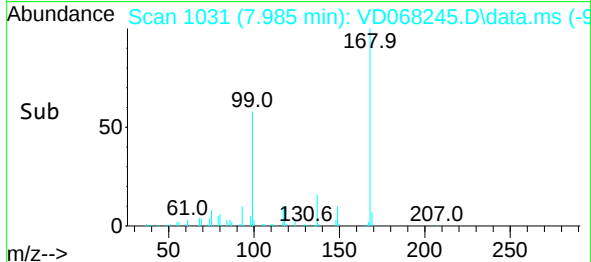
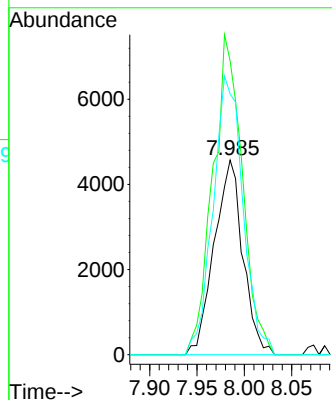
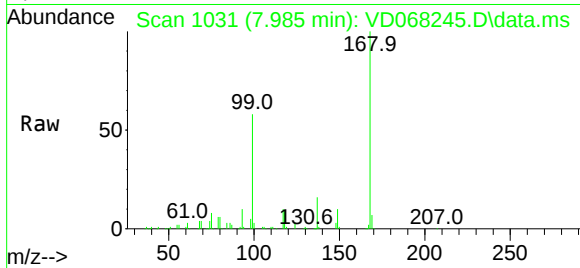




#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

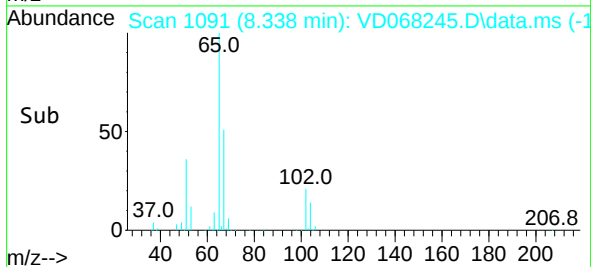
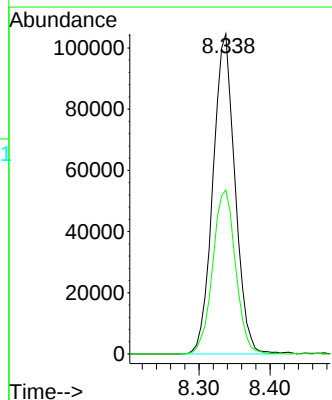
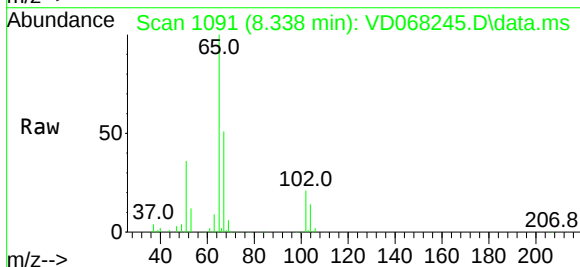
Instrument :
MSVOA_D
ClientSampled :

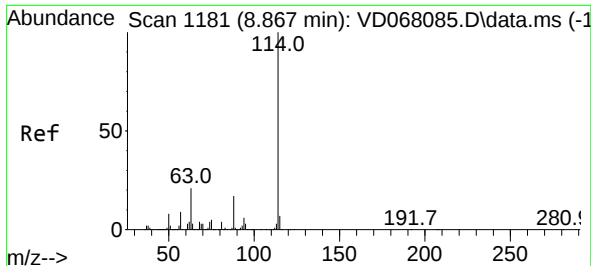
Tgt Ion: 56 Resp: 9619
Ion Ratio Lower Upper
56 100
69 151.0 30.1 45.1#
84 134.1 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.70 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion: 65 Resp: 224953
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

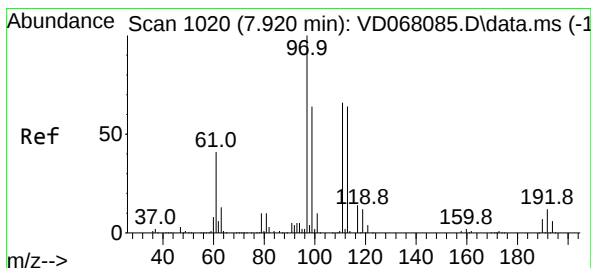
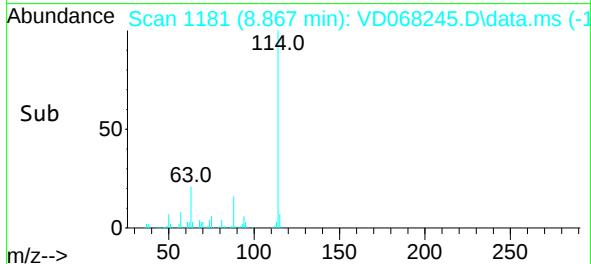
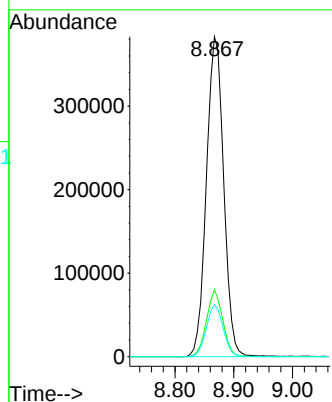
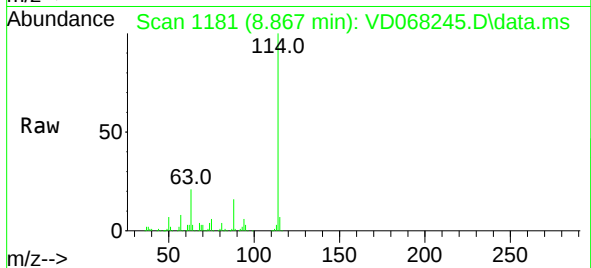




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

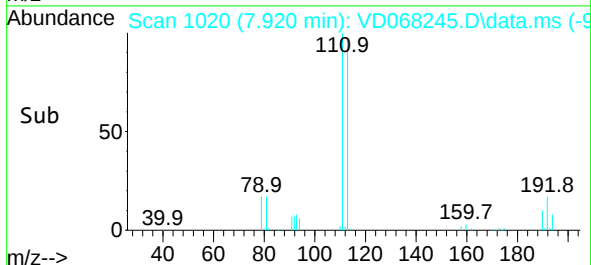
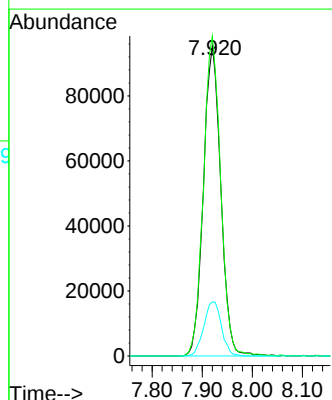
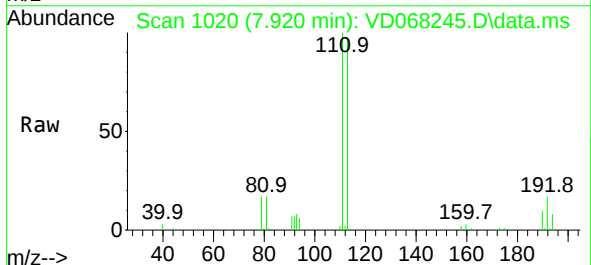
Instrument :
MSVOA_D
ClientSampleId :

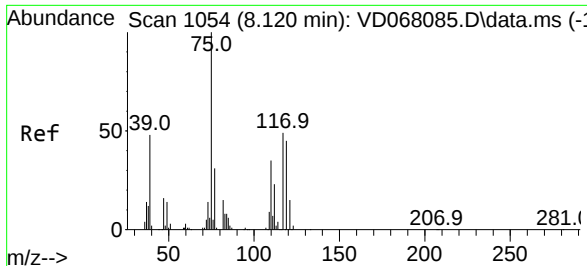
Tgt Ion:114 Resp: 782375
Ion Ratio Lower Upper
114 100
63 20.9 0.0 34.8
88 16.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.95 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion:113 Resp: 229040
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 17.8 16.1 24.1

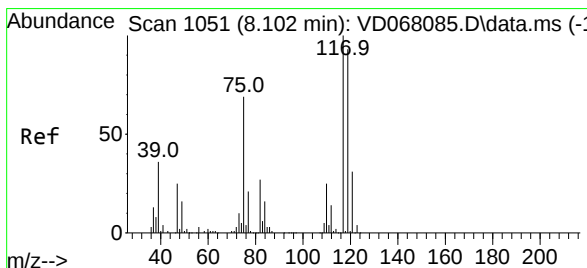
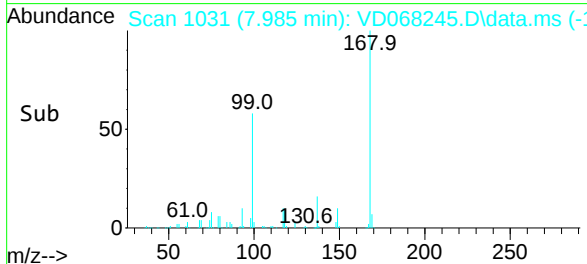
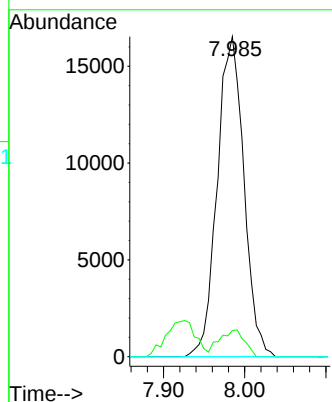
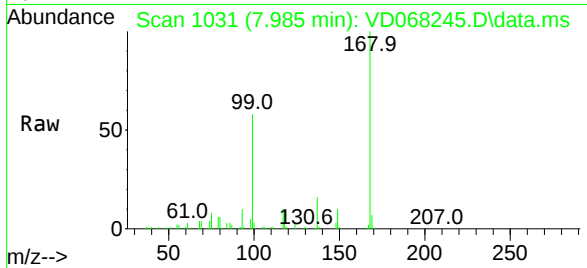




#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

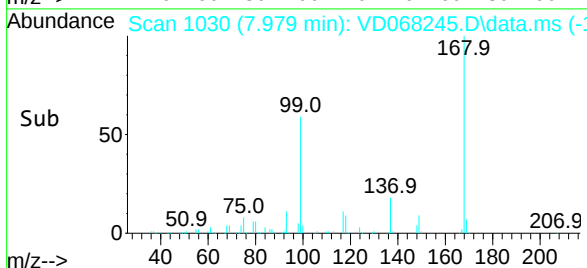
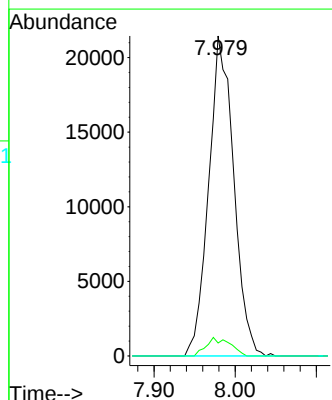
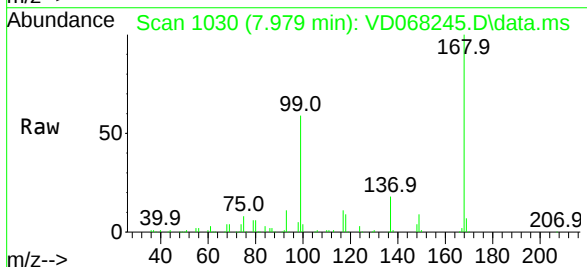
Instrument :
MSVOA_D
ClientSampled :

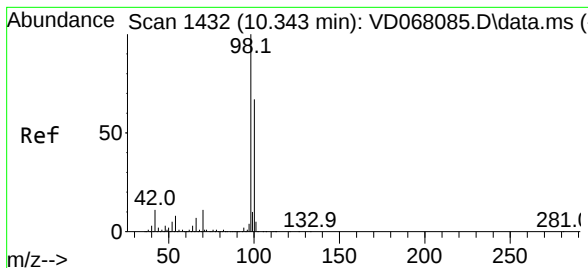
Tgt Ion: 75 Resp: 37697
Ion Ratio Lower Upper
75 100
110 7.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion: 117 Resp: 46004
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.7 37.1#

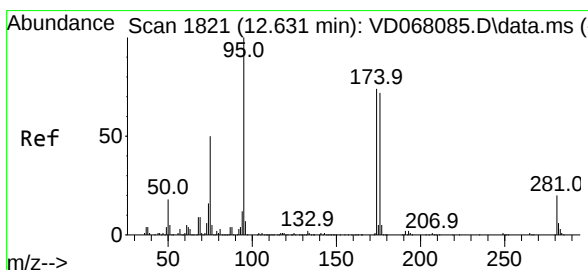
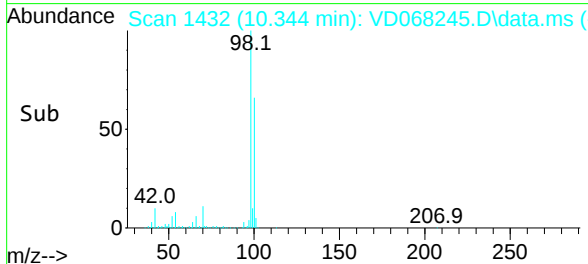
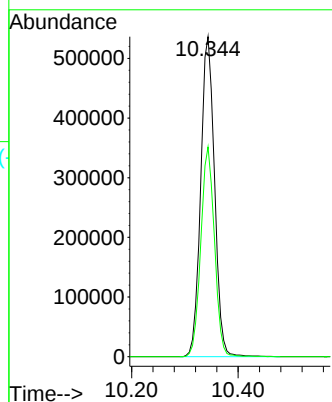
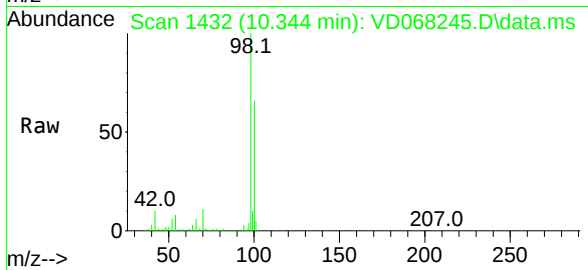




#50
Toluene-d8
Concen: 55.86 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

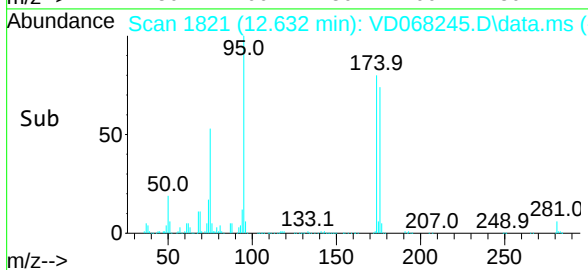
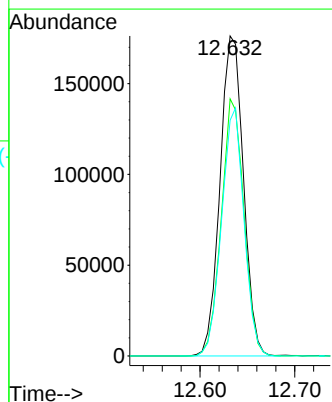
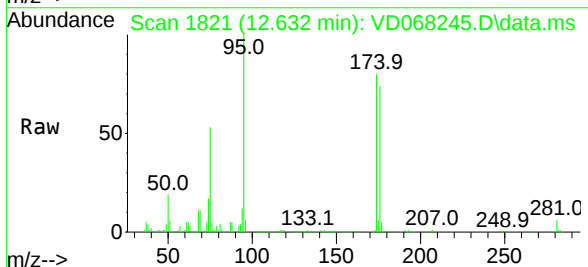
Instrument :
MSVOA_D
ClientSampleId :

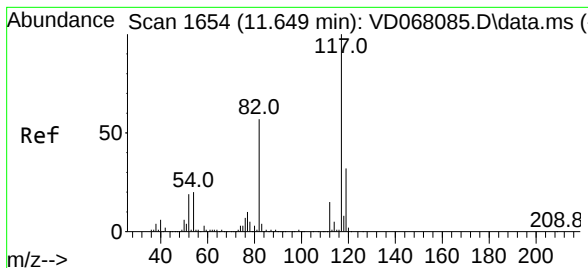
Tgt Ion: 98 Resp: 966544
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion: 95 Resp: 302539
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 74.2 0.0 168.4

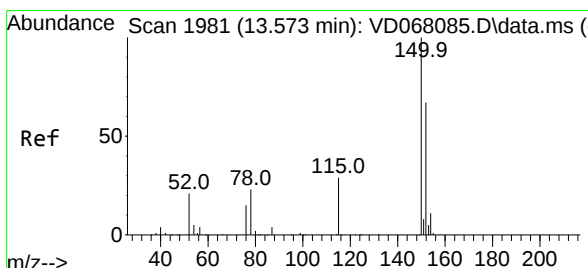
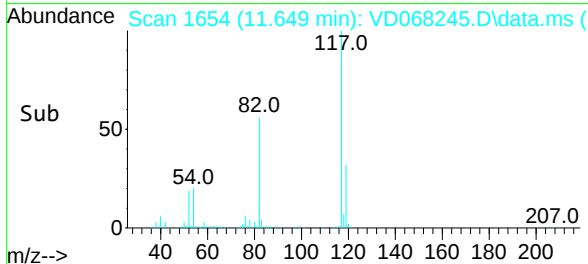
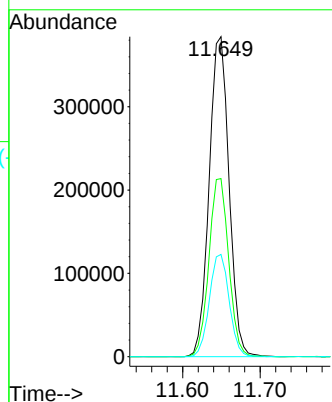
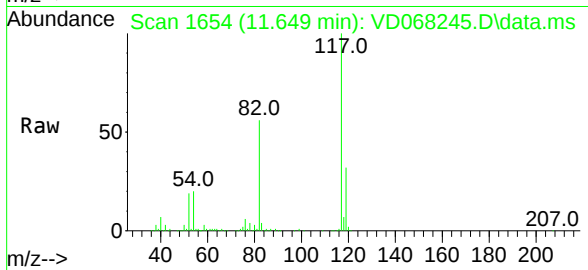




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

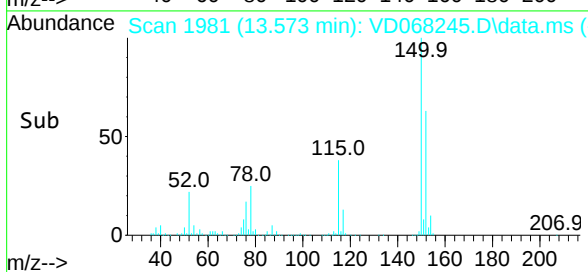
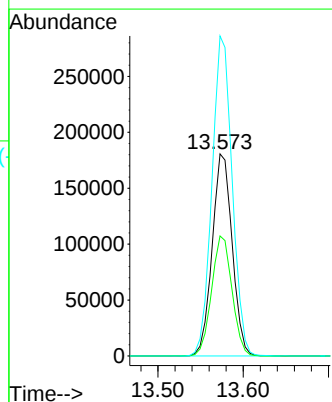
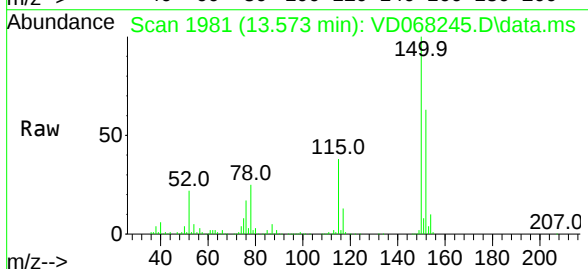
Instrument :
MSVOA_D
ClientSampleId :

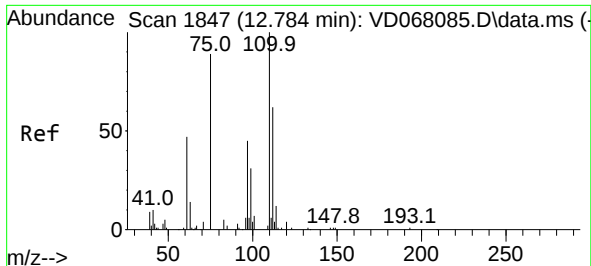
Tgt Ion:117 Resp: 684841
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion:152 Resp: 294723
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.8
150 159.6 0.0 344.4

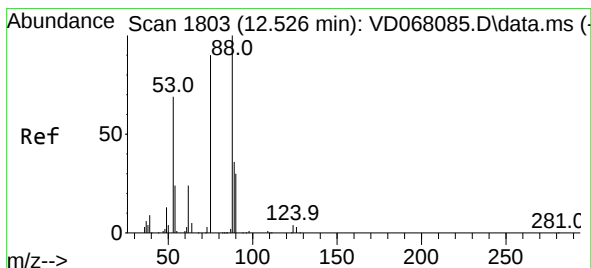
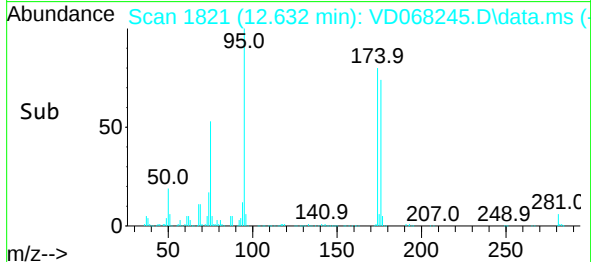
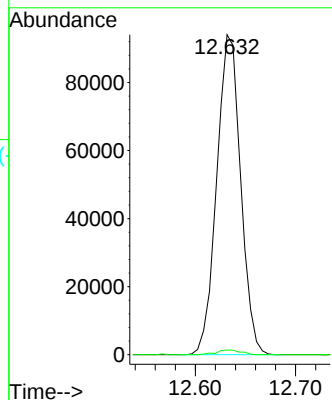
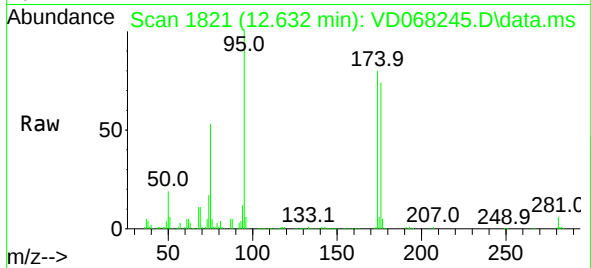




#76
1,2,3-Trichloropropane
Concen: 54.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 155698
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068245.D
Acq: 29 Jan 2021 17:42

Tgt Ion: 75 Resp: 155698
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

