

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068203.D
 Acq On : 27 Jan 2021 17:35
 Operator : VA/SY
 Sample : M1251-04
 Misc : 7.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 23:58:15 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)

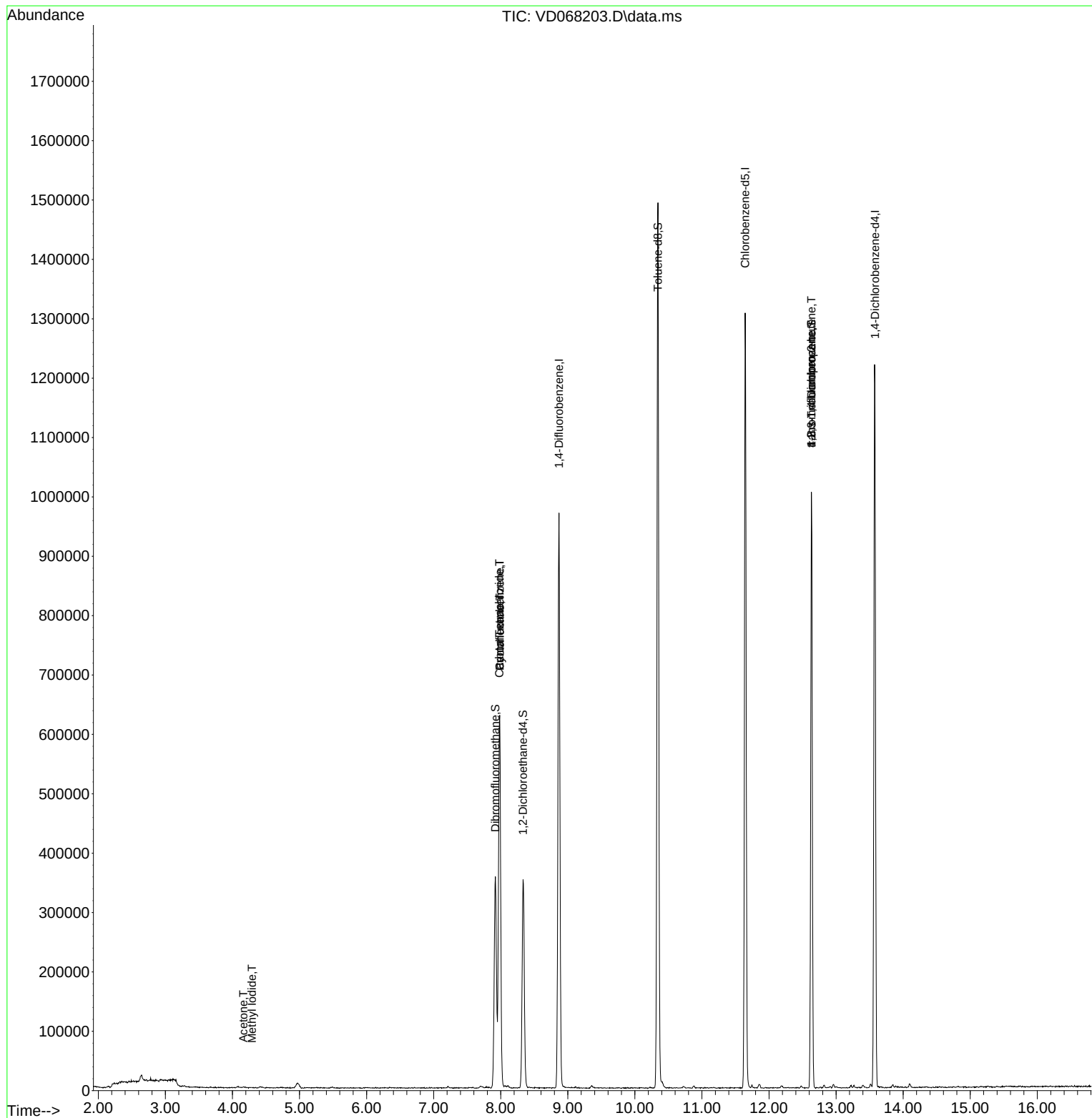
Internal Standards						
1) Pentafluorobenzene	7.985	168	473224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	856984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	769331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	336776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	286727	63.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.68%			
35) Dibromofluoromethane	7.920	113	261755	55.25	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.50%			
50) Toluene-d8	10.344	98	1062265	56.05	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.10%			
62) 4-Bromofluorobenzene	12.632	95	349516	51.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.42%			
Target Compounds						
10) Methyl Iodide	4.291	142	860	3.30	ug/l #	46
11) Tert butyl alcohol	5.203	59	219	Below Cal	#	74
16) Acetone	4.162	43	2659	3.29	ug/l	89
20) Methylene Chloride	4.968	84	7025	Below Cal	#	83
31) Cyclohexane	7.985	56	11864	1.21	ug/l #	8
38) Carbon Tetrachloride	7.979	117	49014	6.06	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	174097	53.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	174097	108.19	ug/l #	13

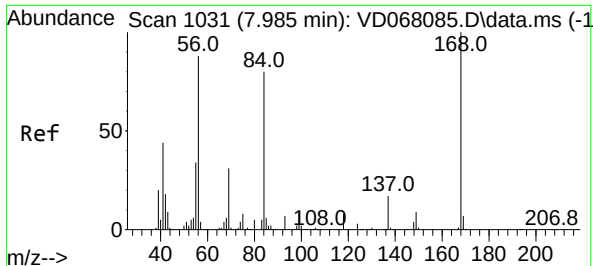
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
Data File : VD068203.D
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MSVOA_D
ClientSampleId :

Quant Time: Jan 27 23:58:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
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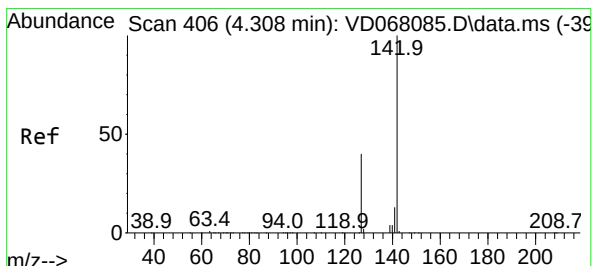
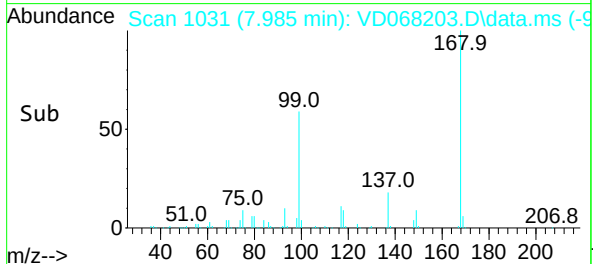
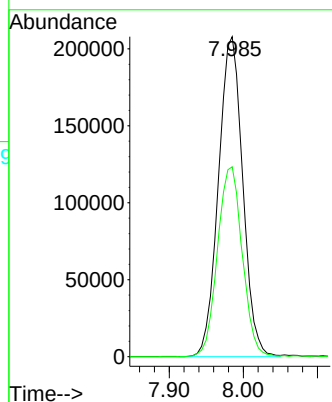
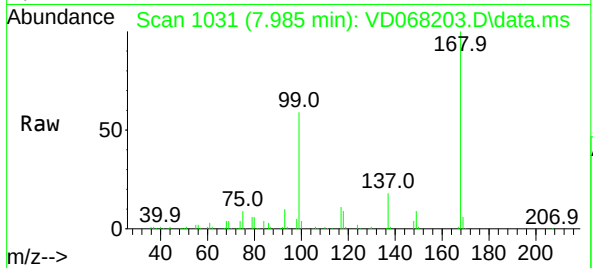




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

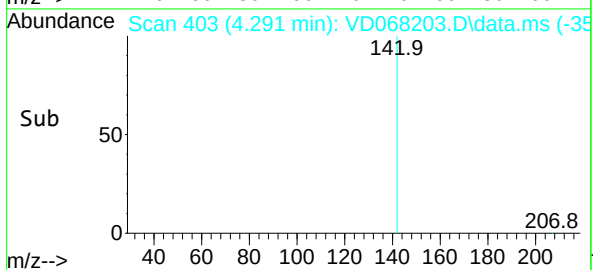
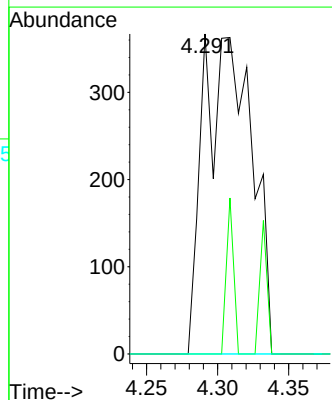
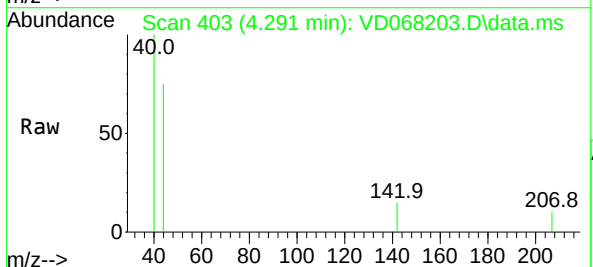
Instrument :
MSVOA_D
ClientSampled :

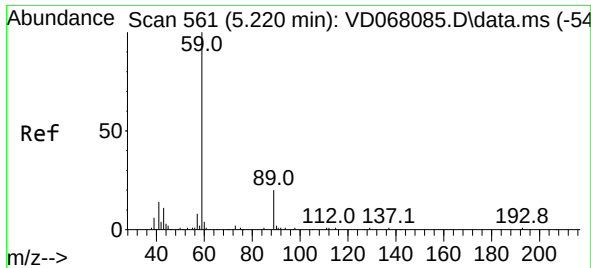
Tgt Ion:168 Resp: 473224
Ion Ratio Lower Upper
168 100
99 59.4 43.5 65.3



#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

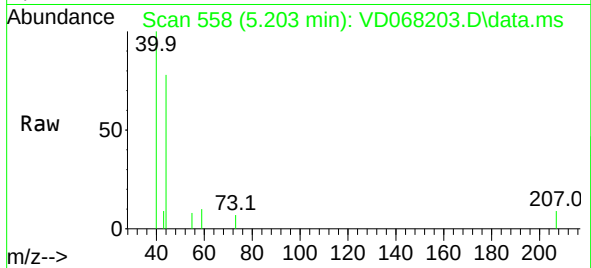
Tgt Ion:142 Resp: 860
Ion Ratio Lower Upper
142 100
127 7.3 37.9 56.9#
141 0.0 11.5 17.3#



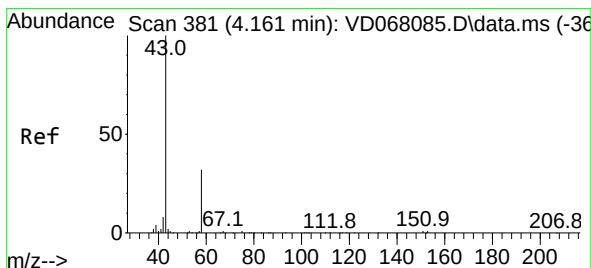
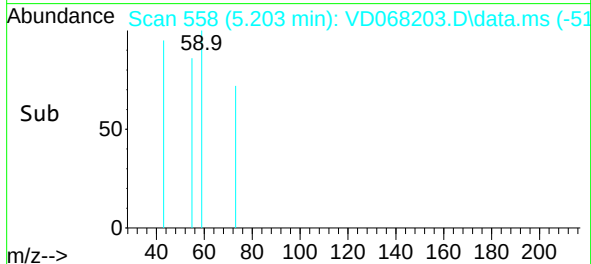
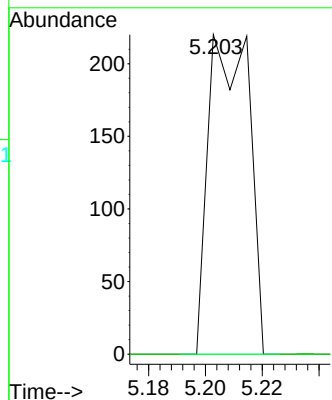


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Instrument :
MSVOA_D
ClientSampled :

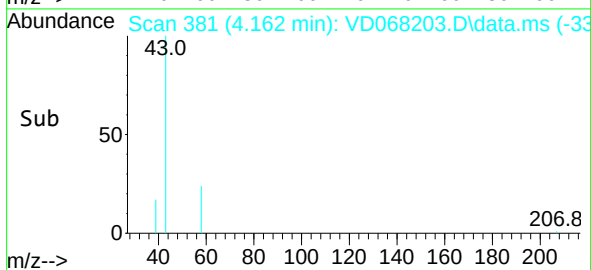
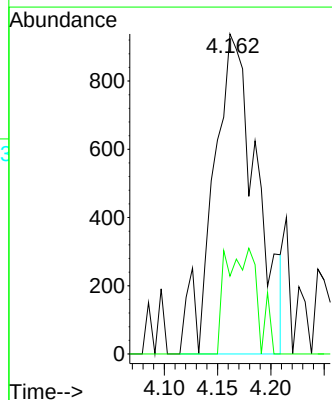
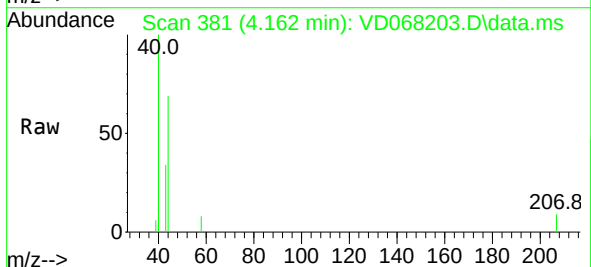


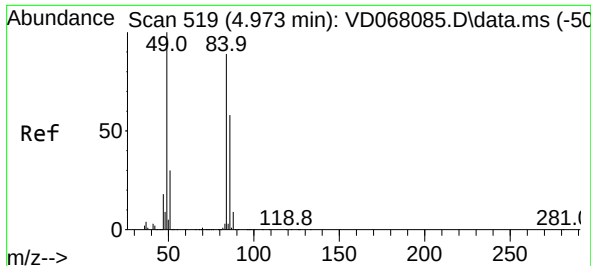
Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.29 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

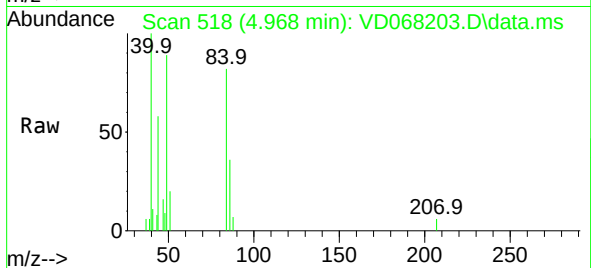
Tgt Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
58 24.3 24.2 36.4



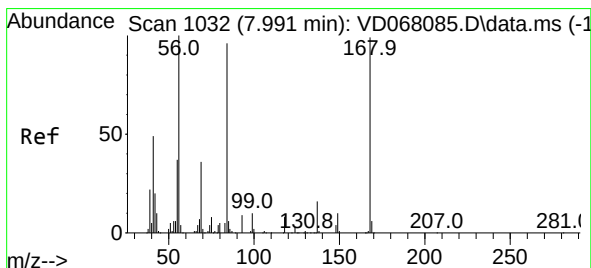
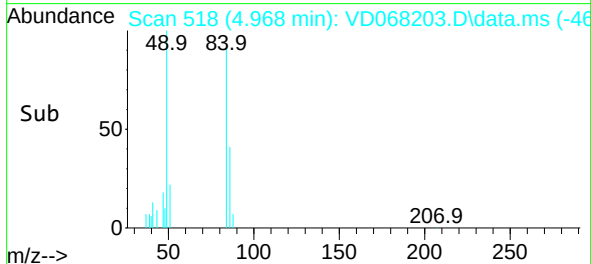
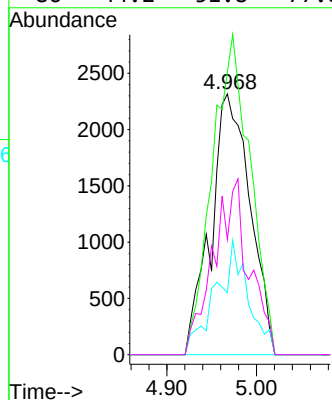


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Instrument :
MSVOA_D
ClientSampled :

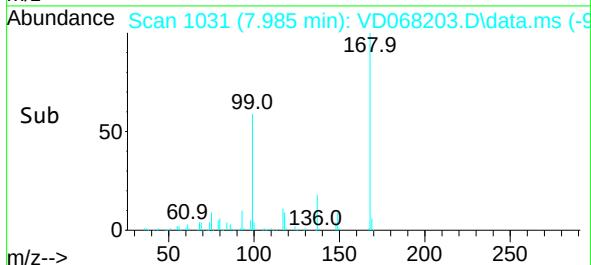
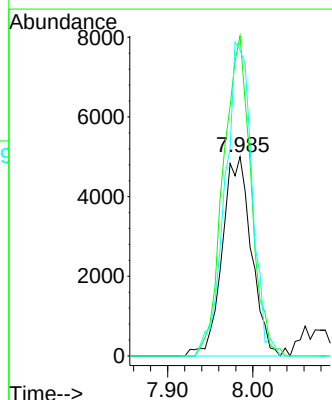
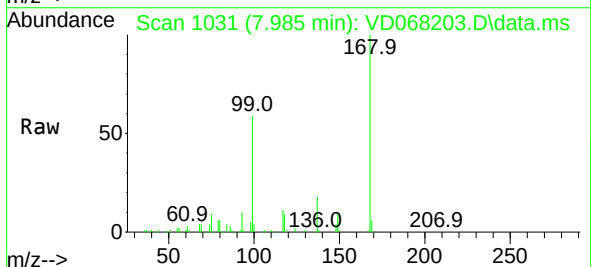


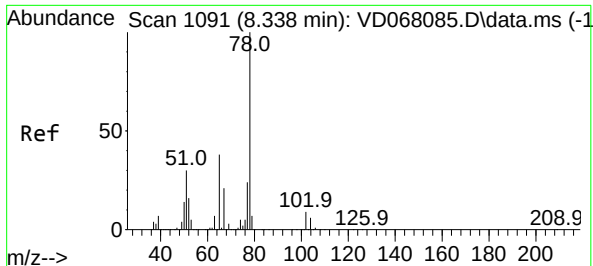
Tgt Ion: 84 Resp: 7025
Ion Ratio Lower Upper
84 100
49 108.2 77.4 116.2
51 23.7 26.1 39.1#
86 44.2 51.8 77.8#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Tgt Ion: 56 Resp: 11864
Ion Ratio Lower Upper
56 100
69 160.6 30.1 45.1#
84 153.5 82.1 123.1#

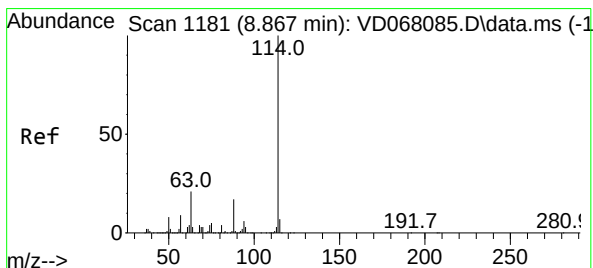
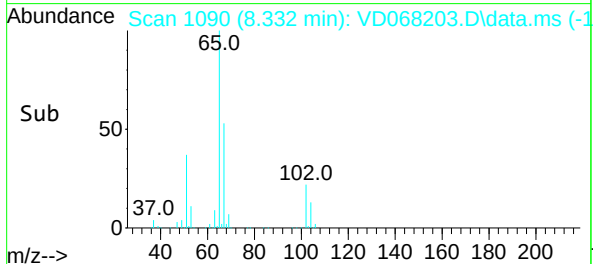
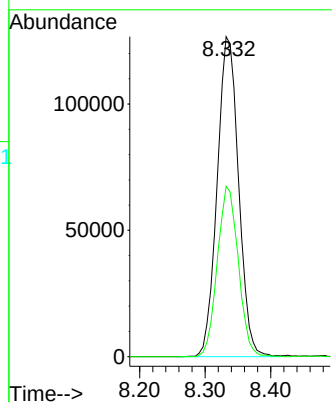
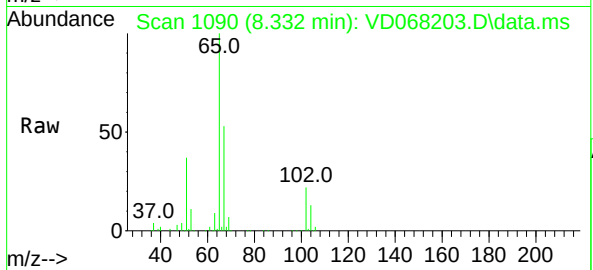




#33
 1,2-Dichloroethane-d4
 Concen: 63.34 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068203.D
 Acq: 27 Jan 2021 17:35

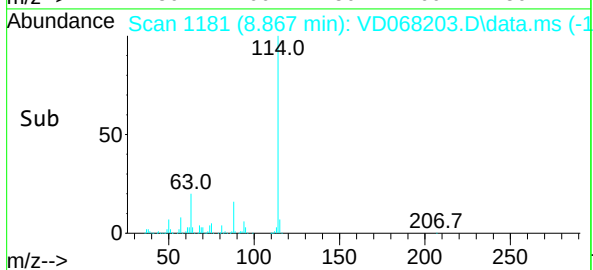
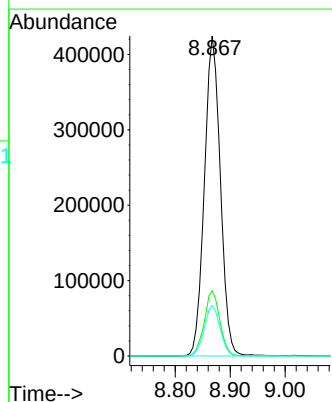
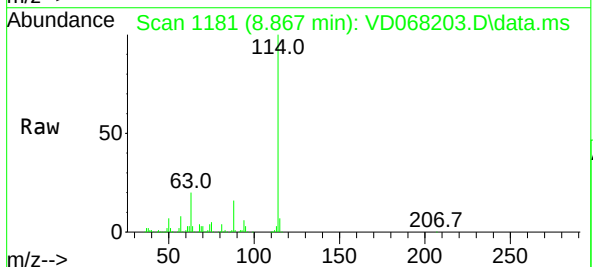
Instrument :
 MSVOA_D
 ClientSampled :

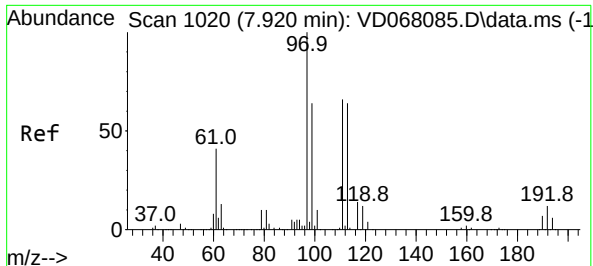
Tgt Ion: 65 Resp: 286727
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068203.D
 Acq: 27 Jan 2021 17:35

Tgt Ion: 114 Resp: 856984
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 34.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.25 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068203.D

Acq: 27 Jan 2021 17:35

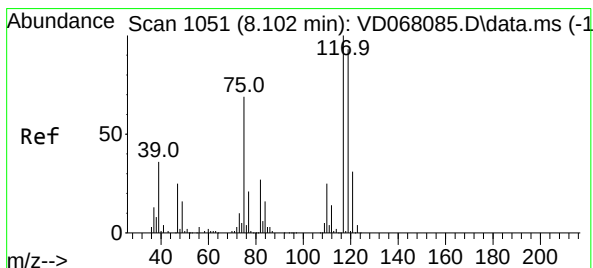
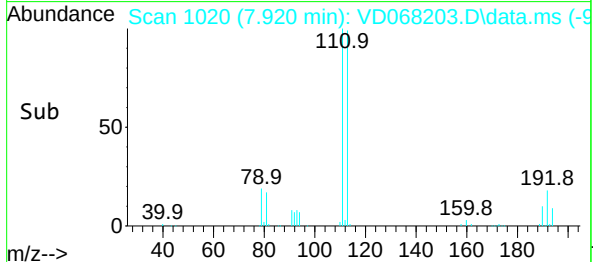
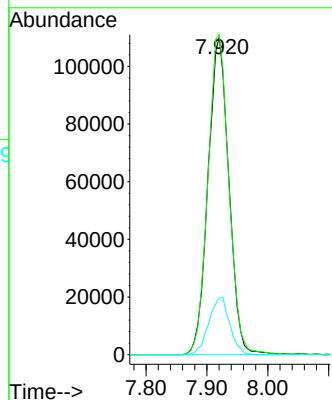
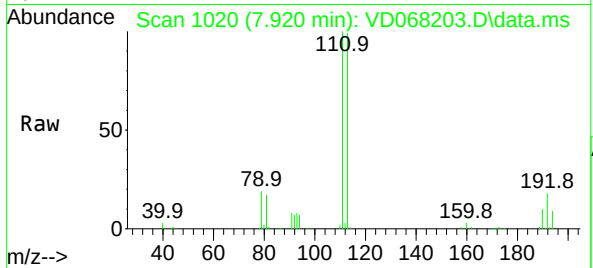
Tgt Ion:113 Resp: 261755

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 18.1 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.06 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.123 min

Lab File: VD068203.D

Acq: 27 Jan 2021 17:35

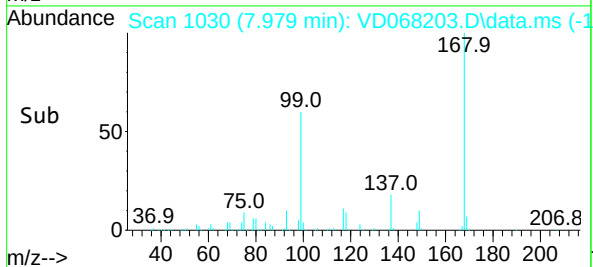
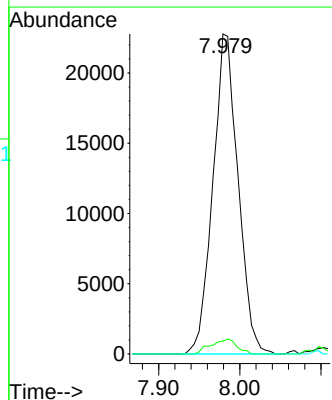
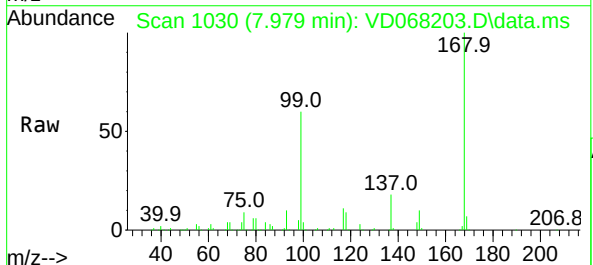
Tgt Ion:117 Resp: 49014

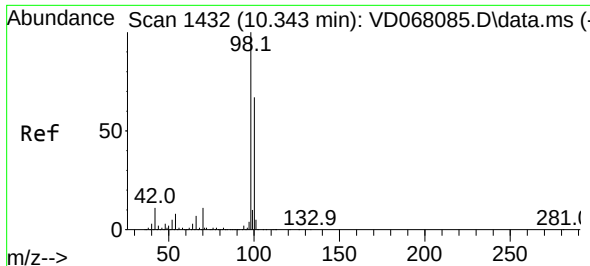
Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 24.7 37.1#

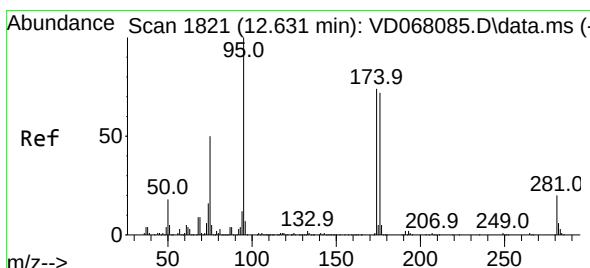
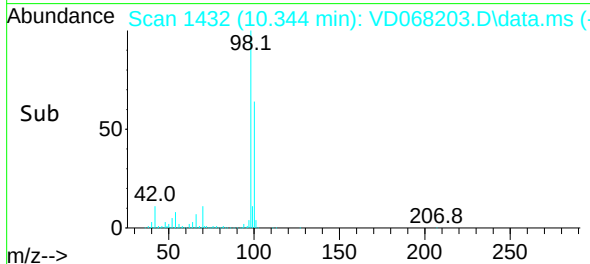
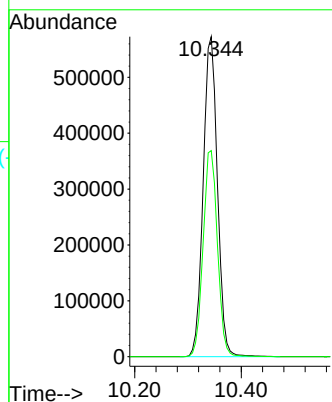
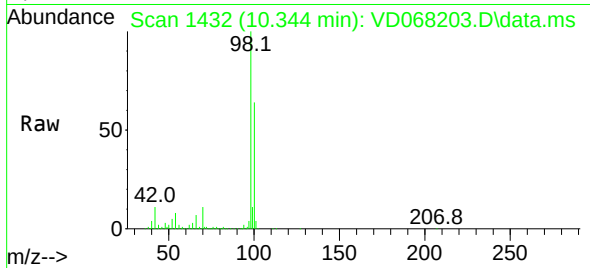




#50
Toluene-d8
Concen: 56.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

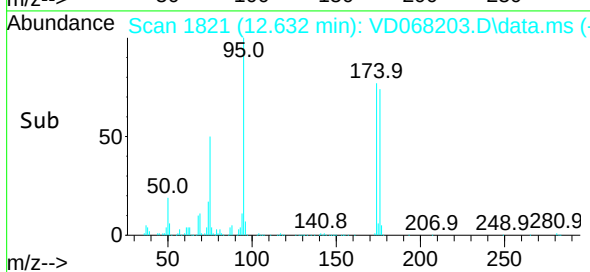
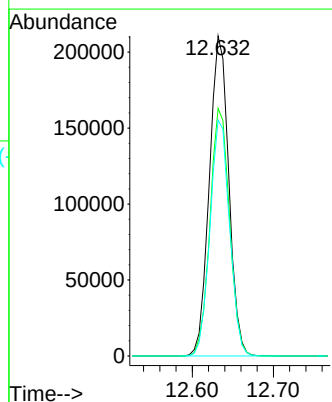
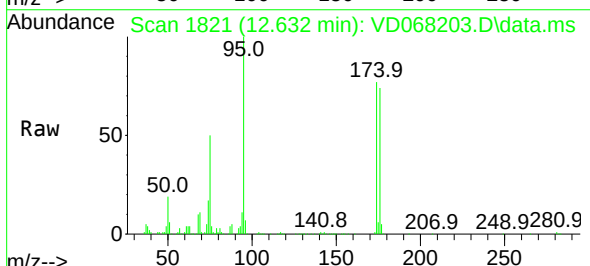
Instrument :
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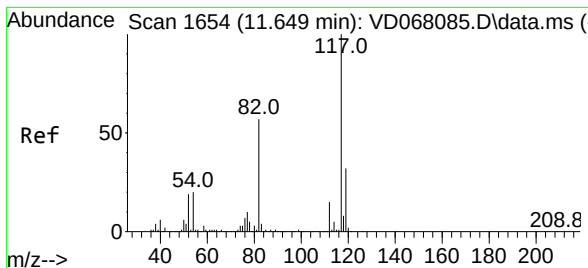
Tgt Ion: 98 Resp: 1062265
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Tgt Ion: 95 Resp: 349516
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 74.2 0.0 168.4

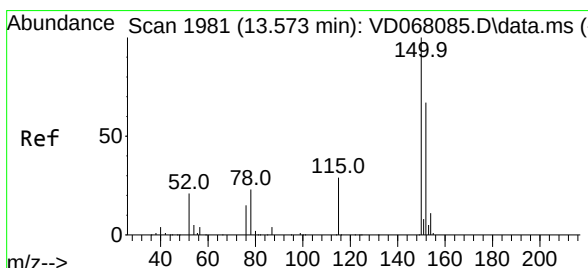
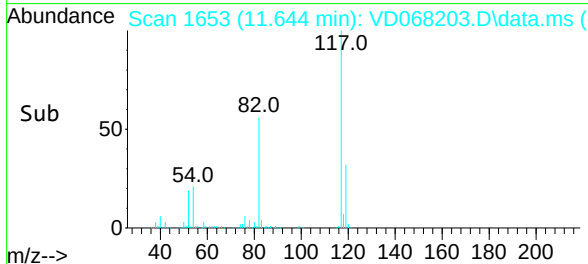
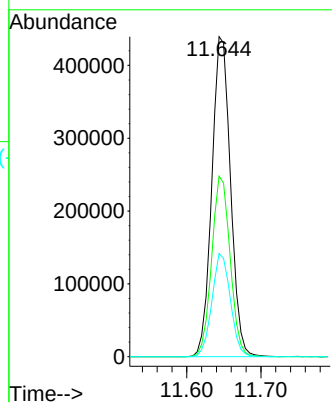
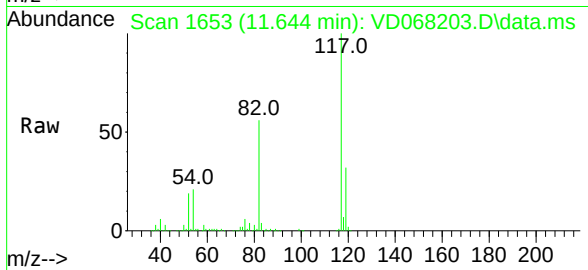




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

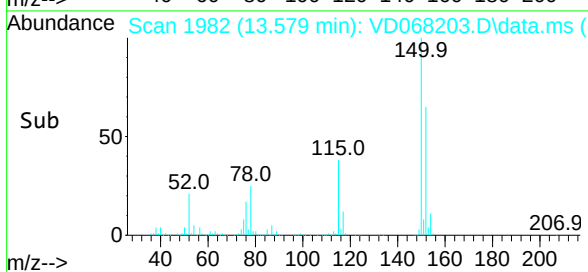
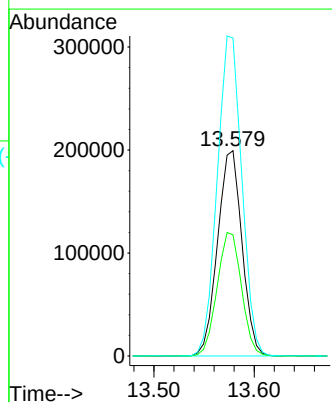
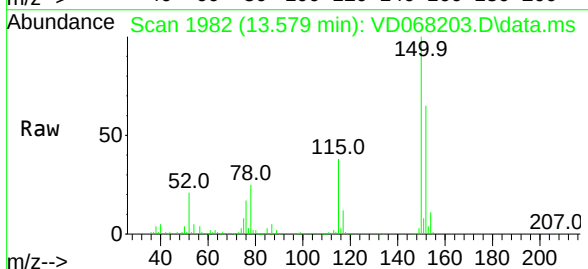
Instrument :
MSVOA_D
ClientSampleId :

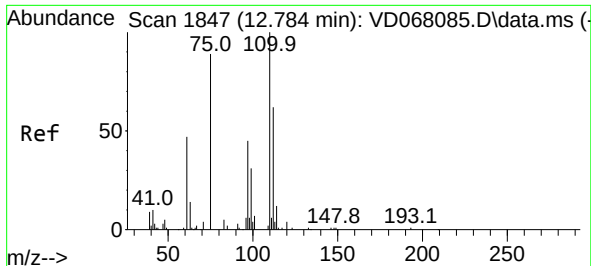
Tgt Ion:117 Resp: 769331
Ion Ratio Lower Upper
117 100
82 56.5 41.4 62.0
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Tgt Ion:152 Resp: 336776
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 157.2 0.0 344.4

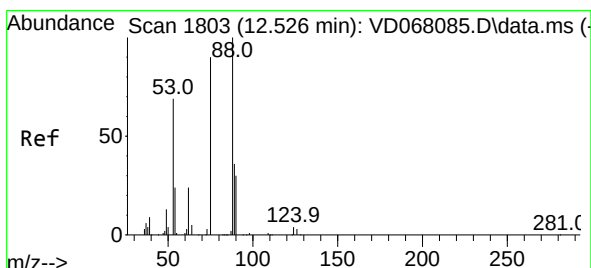
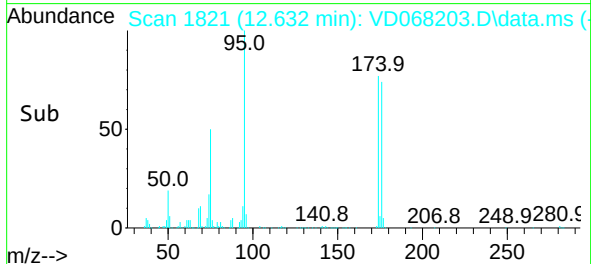
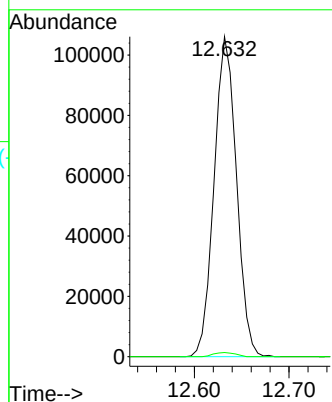
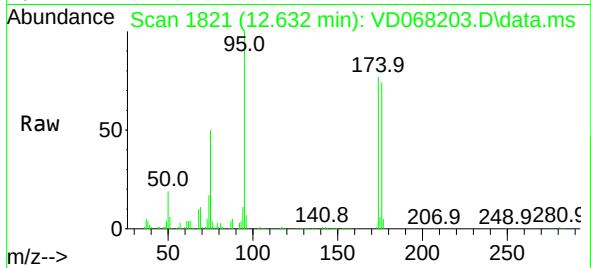




#76
1,2,3-Trichloropropane
Concen: 53.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 174097
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068203.D
Acq: 27 Jan 2021 17:35

Tgt Ion: 75 Resp: 174097
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

