

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068140.D
 Acq On : 21 Jan 2021 18:36
 Operator : VA/SY
 Sample : M1188-04
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-SWITCH-GEAR

Quant Time: Jan 22 00:11:49 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)

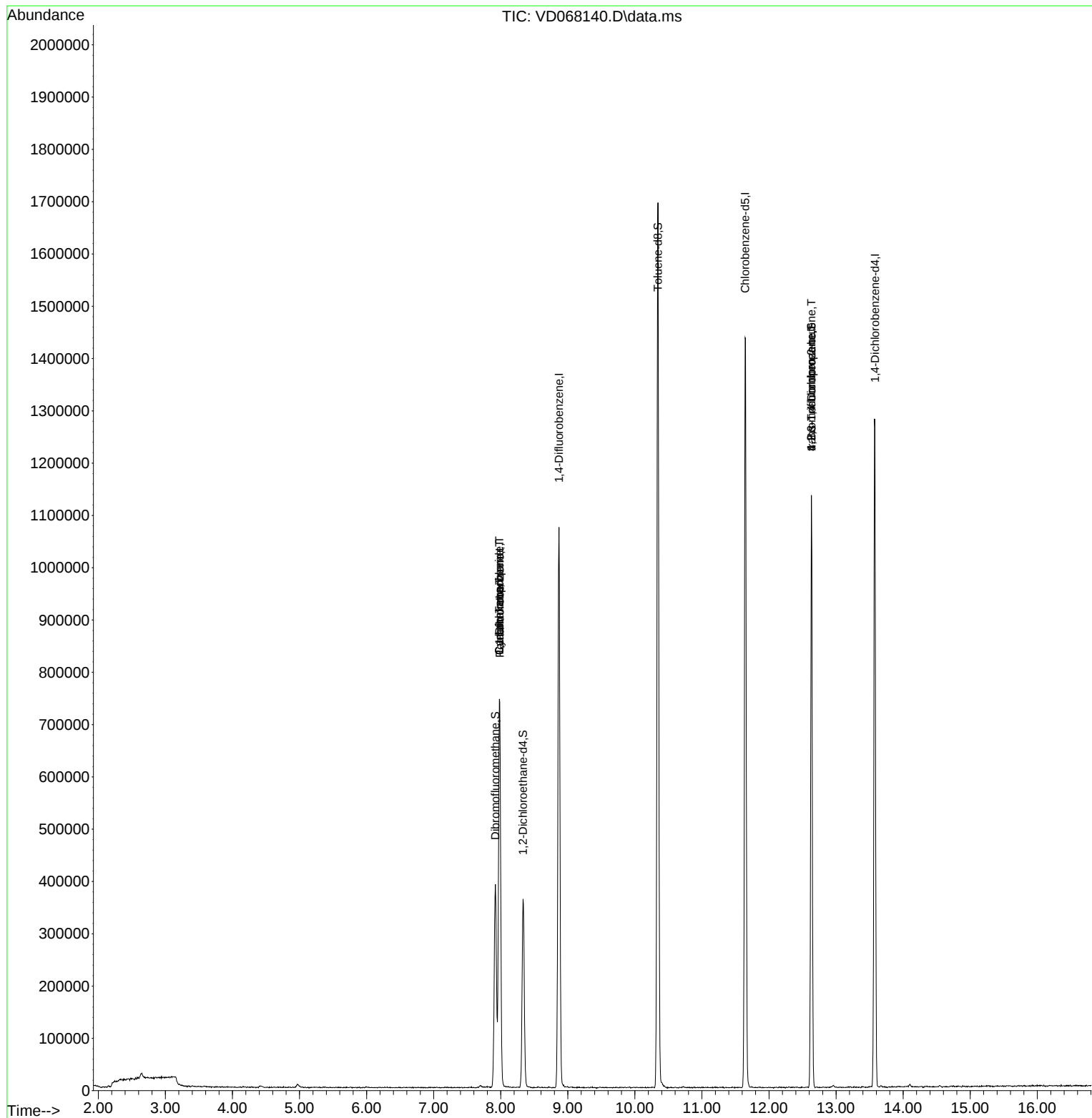
Internal Standards						
1) Pentafluorobenzene	7.985	168	574078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	966275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	861981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	342772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	295890	53.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.76%			
35) Dibromofluoromethane	7.920	113	283794	53.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.24%			
50) Toluene-d8	10.344	98	1198479	56.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.18%			
62) 4-Bromofluorobenzene	12.632	95	389070	50.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.12%			
Target Compounds						
11) Tert butyl alcohol	5.232	59	60	Below Cal	#	74
20) Methylene Chloride	4.967	84	4247	Below Cal	#	81
31) Cyclohexane	7.979	56	12455	1.05 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	47097	4.83 ug/l	#	46
38) Carbon Tetrachloride	7.979	117	57271	6.28 ug/l	#	15
76) 1,2,3-Trichloropropane	12.632	75	198065	59.76 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	198065	120.93 ug/l	#	13

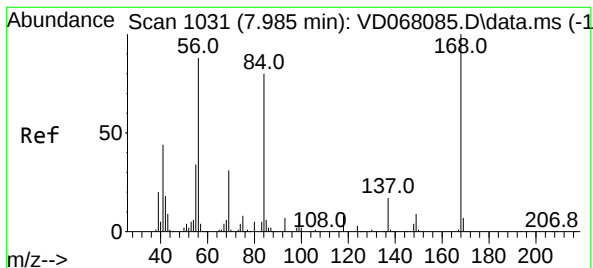
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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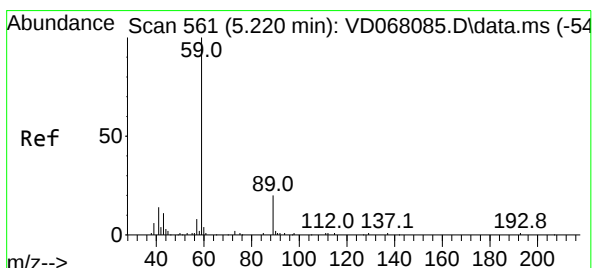
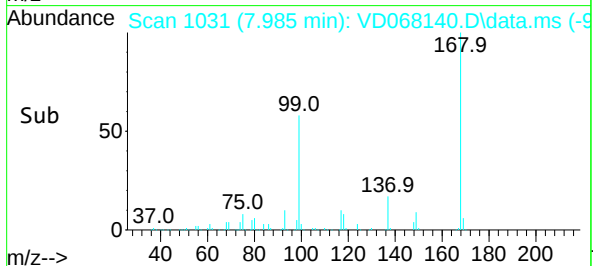
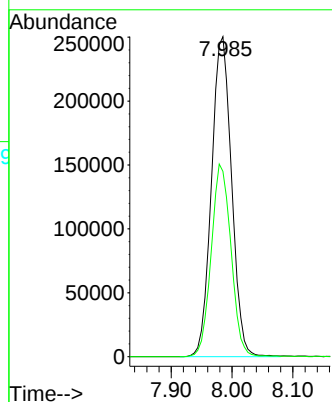
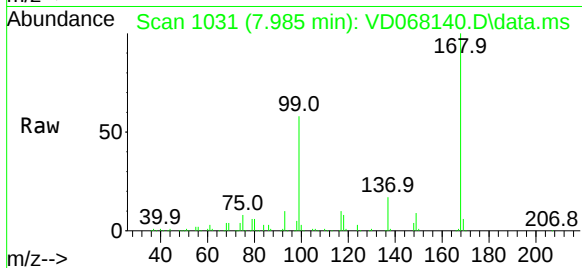




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

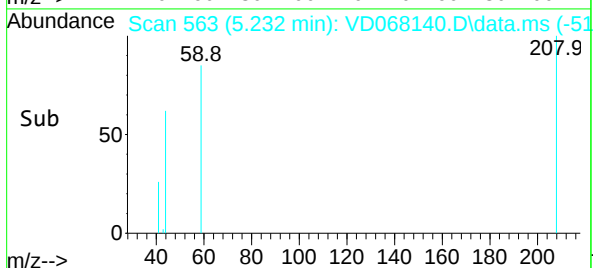
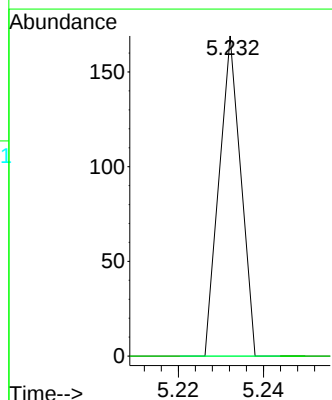
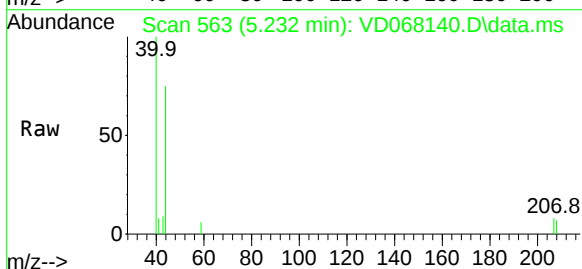
Instrument :
MSVOA_D
ClientSampleId :
TP-SWITCH-GEAR

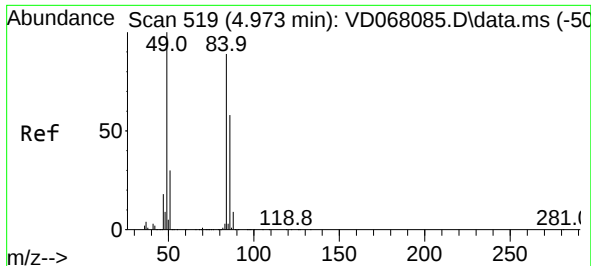
Tgt Ion:168 Resp: 574078
Ion Ratio Lower Upper
168 100
99 57.9 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

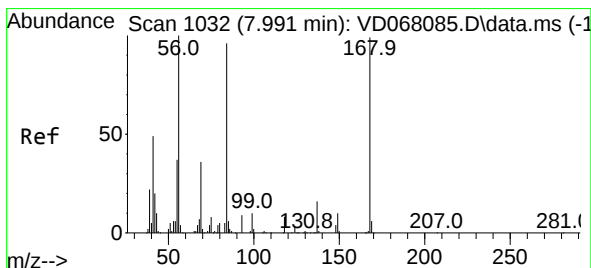
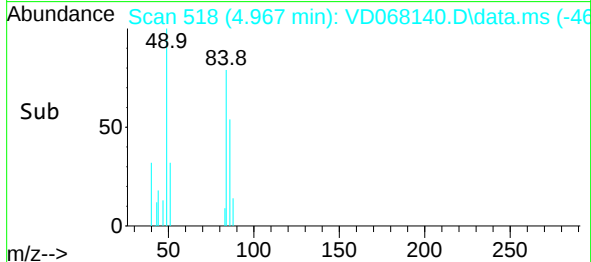
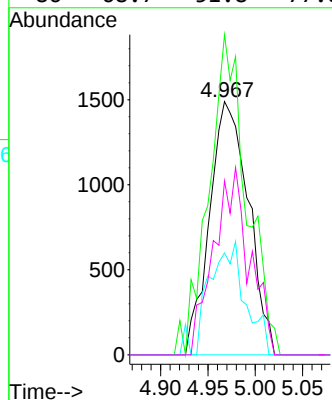
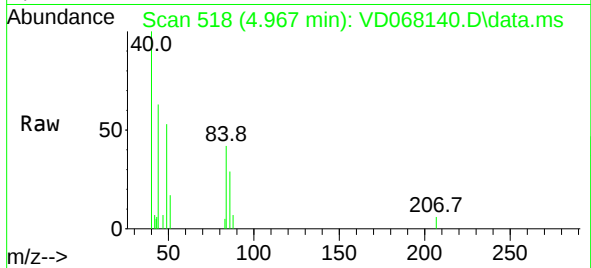




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

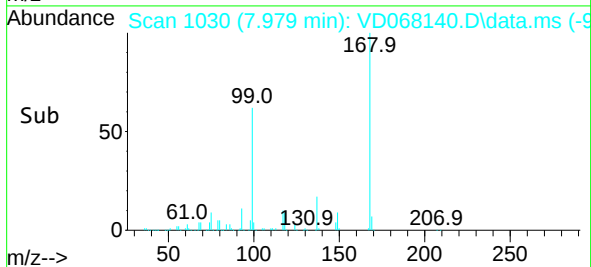
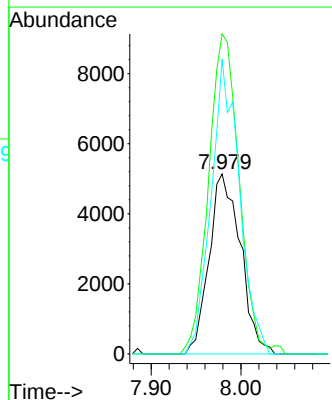
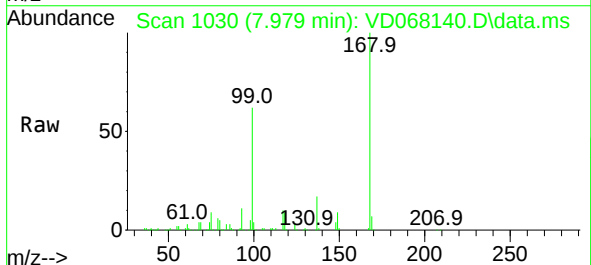
Instrument :
MSVOA_D
ClientSampleId :
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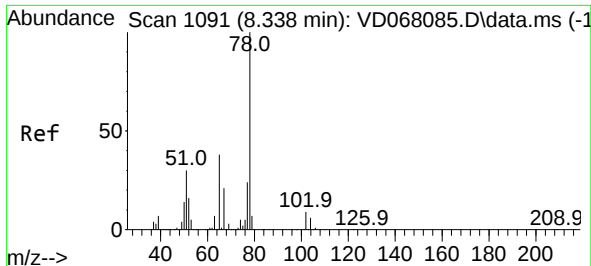
Tgt Ion: 84 Resp: 4247
Ion Ratio Lower Upper
84 100
49 126.4 77.4 116.2#
51 40.2 26.1 39.1#
86 68.7 51.8 77.8



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 56 Resp: 12455
Ion Ratio Lower Upper
56 100
69 177.7 30.1 45.1#
84 163.7 82.1 123.1#

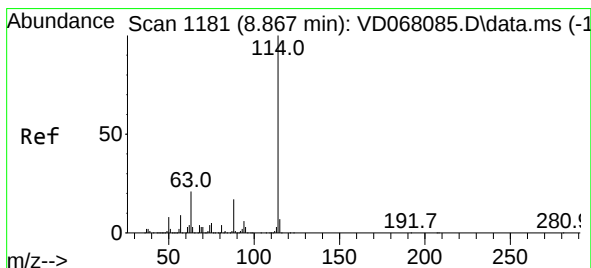
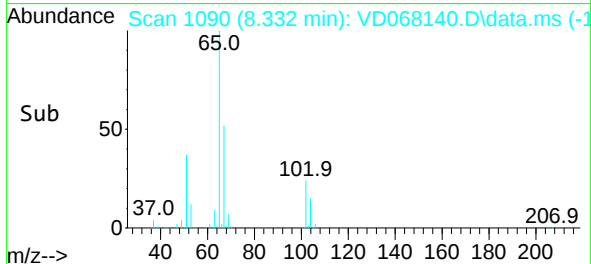
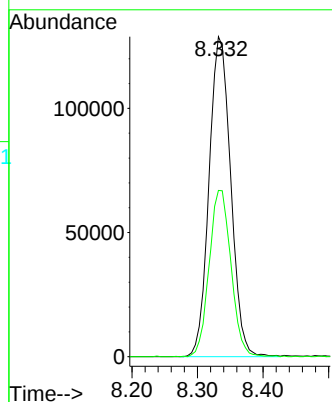
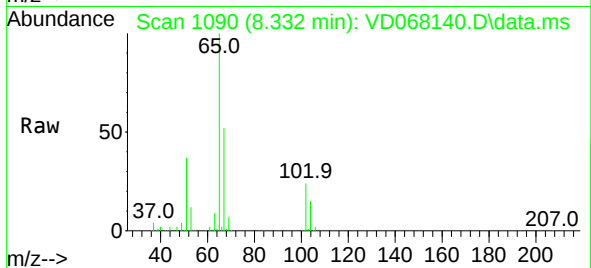




#33
 1,2-Dichloroethane-d4
 Concen: 53.88 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068140.D
 Acq: 21 Jan 2021 18:36

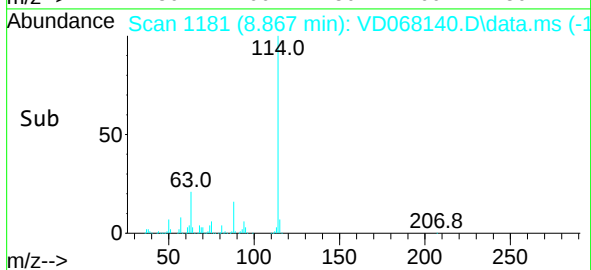
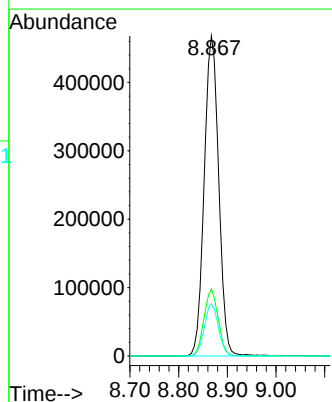
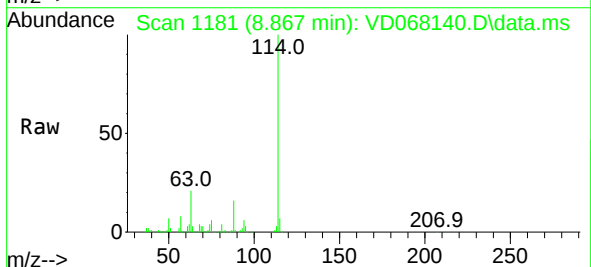
Instrument :
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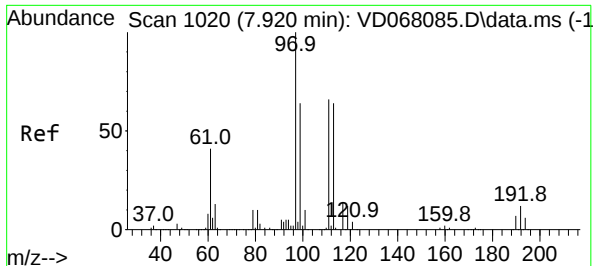
Tgt Ion: 65 Resp: 295890
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068140.D
 Acq: 21 Jan 2021 18:36

Tgt Ion: 114 Resp: 966275
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 34.8
 88 16.3 0.0 31.6

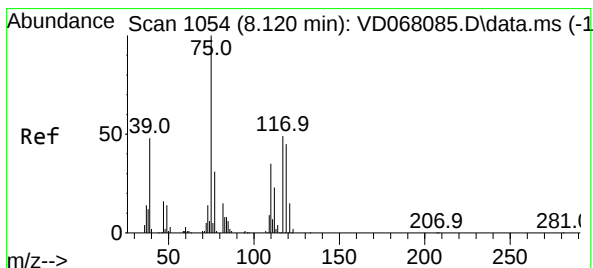
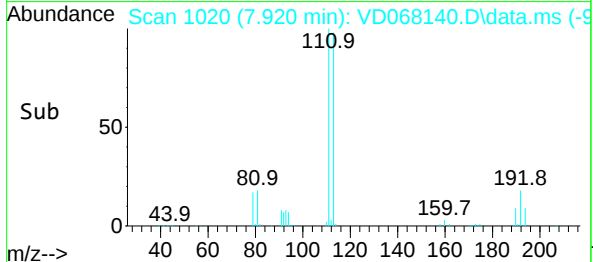
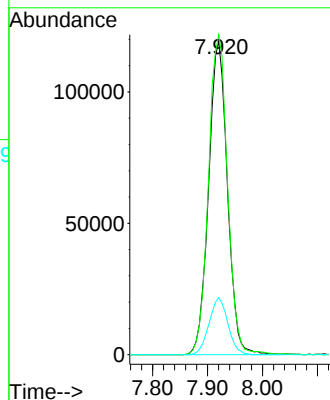
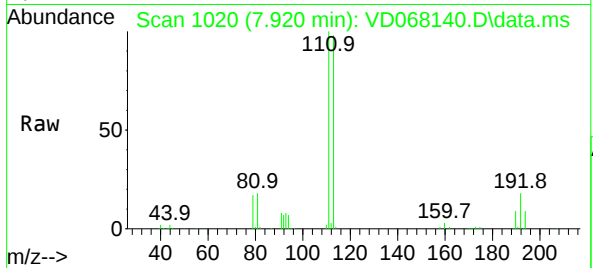




#35
Dibromofluoromethane
Concen: 53.12 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

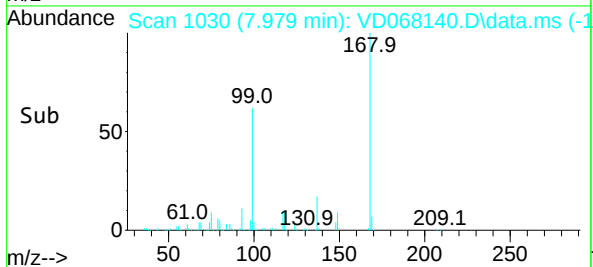
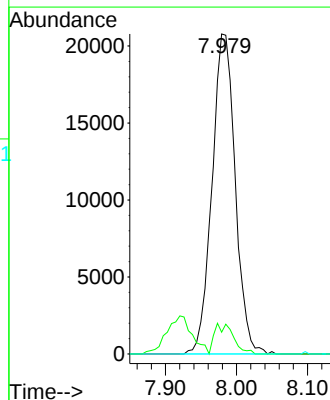
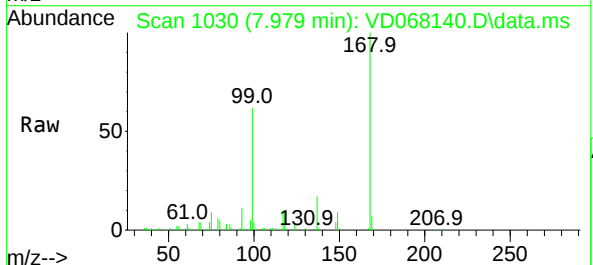
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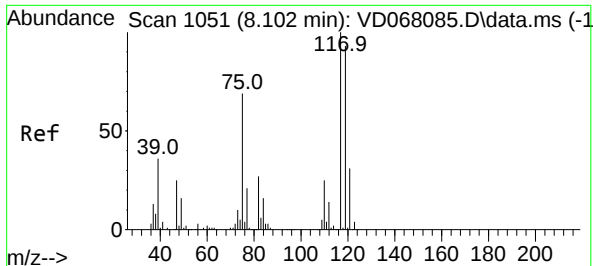
Tgt Ion:113 Resp: 283794
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 75 Resp: 47097
Ion Ratio Lower Upper
75 100
110 7.7 19.4 58.2#
77 0.0 25.3 37.9#

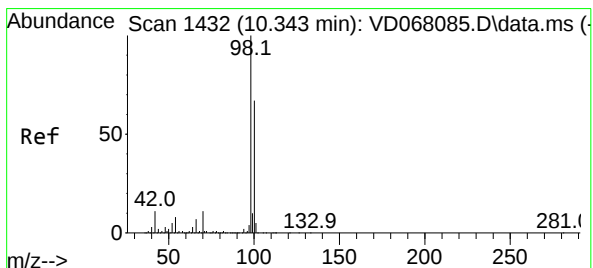
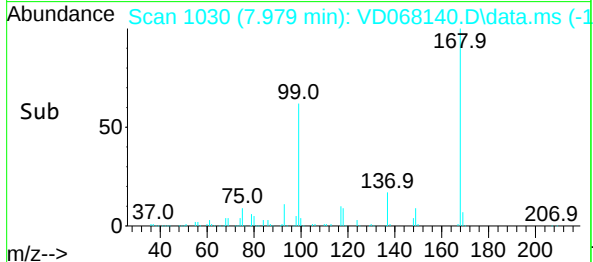
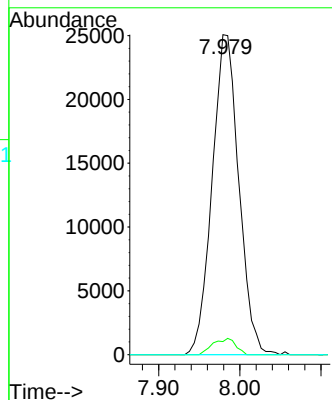
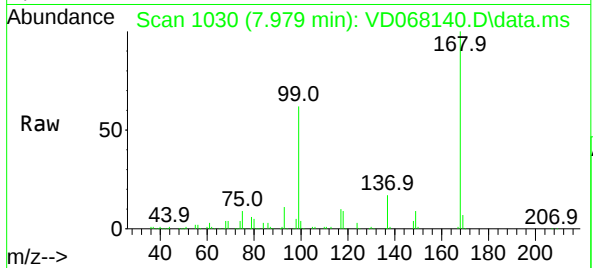




#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

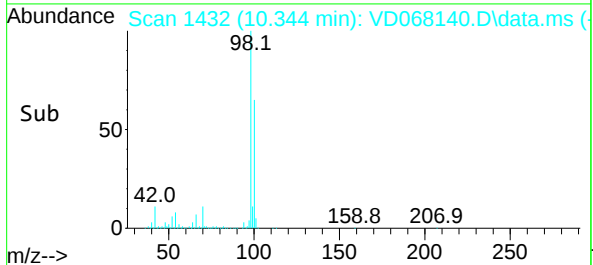
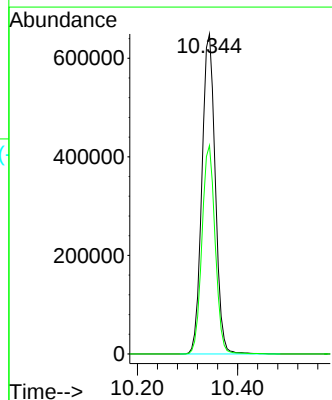
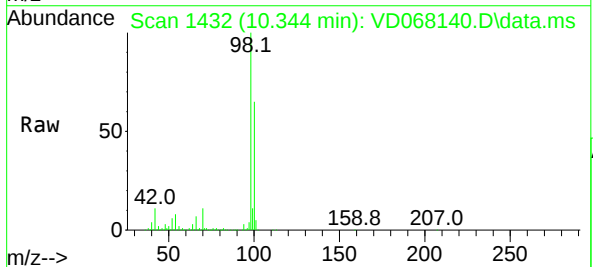
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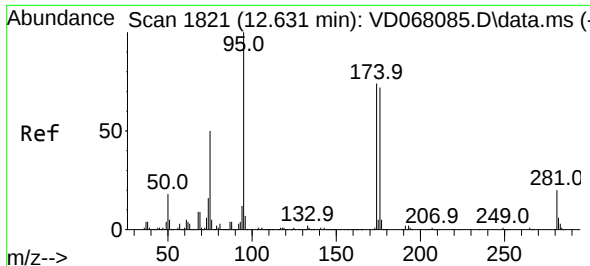
Tgt Ion:117 Resp: 57271
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 98 Resp: 1198479
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

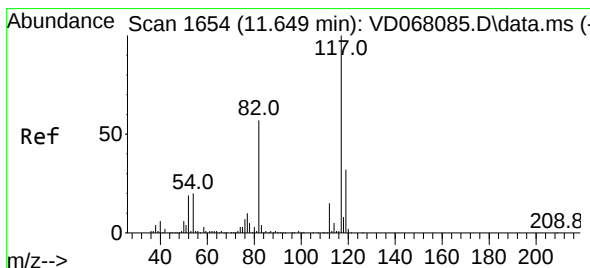
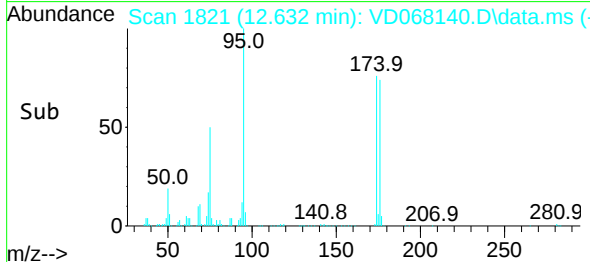
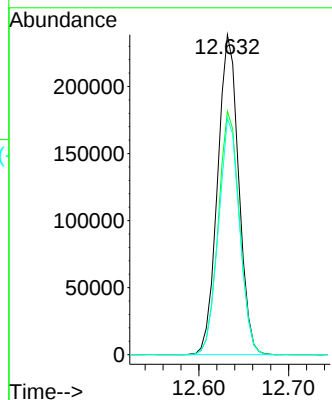
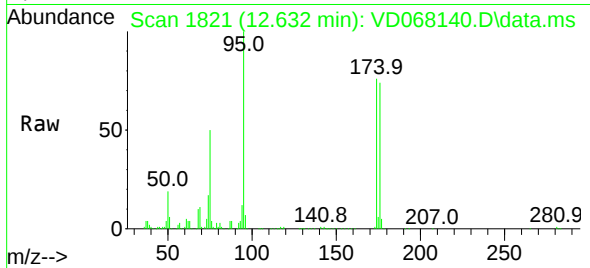




#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

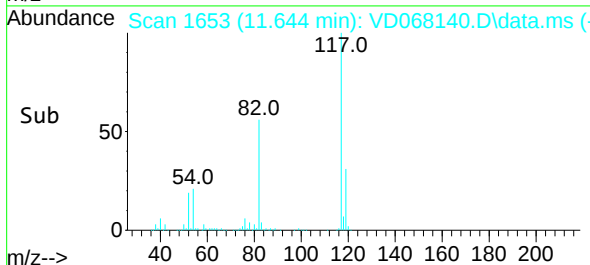
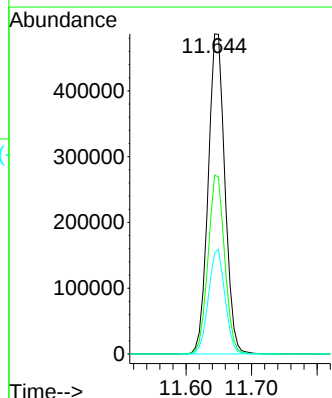
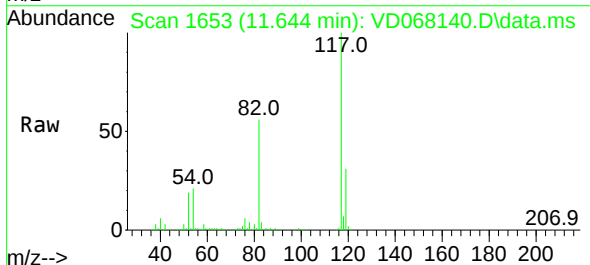
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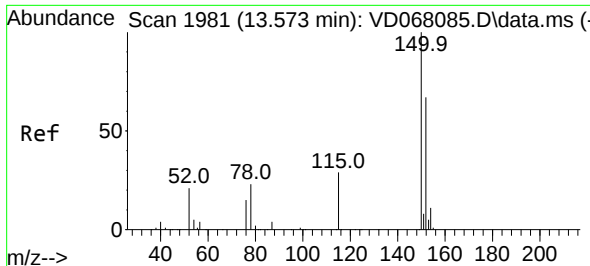
Tgt Ion: 95 Resp: 389070
Ion Ratio Lower Upper
95 100
174 76.5 0.0 172.4
176 73.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

Tgt Ion: 117 Resp: 861981
Ion Ratio Lower Upper
117 100
82 55.9 41.4 62.0
119 31.4 26.1 39.1

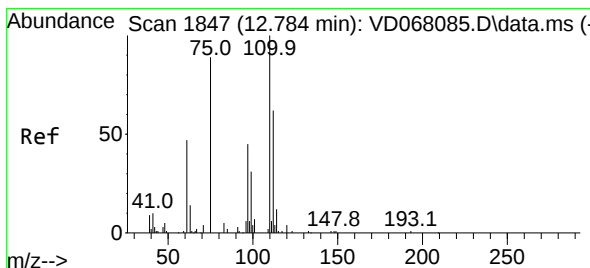
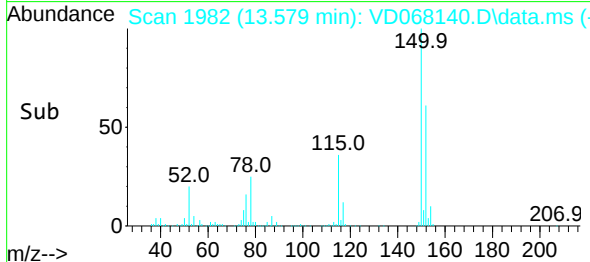
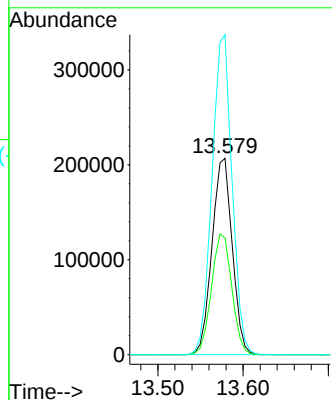
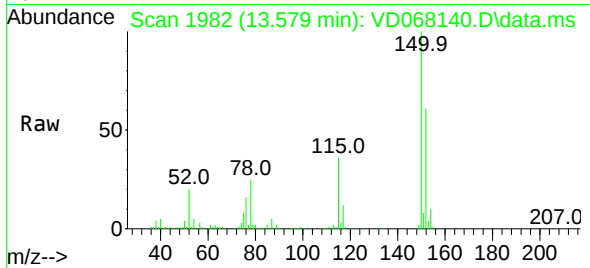




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

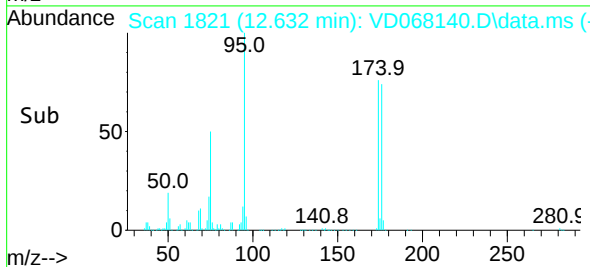
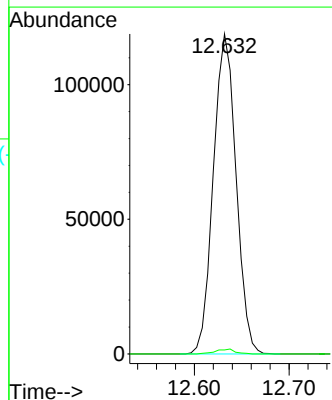
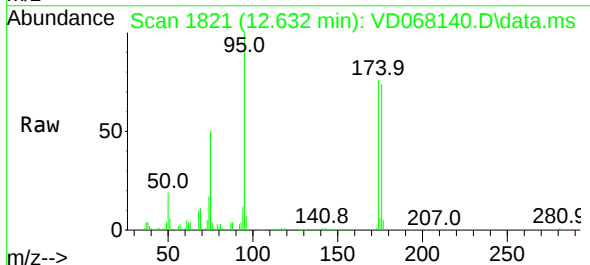
Instrument :
MSVOA_D
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TP-SWITCH-GEAR

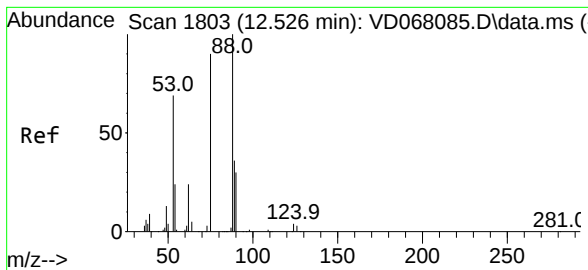
Tgt Ion:152 Resp: 342772
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.8
150 160.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 59.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068140.D
Acq: 21 Jan 2021 18:36

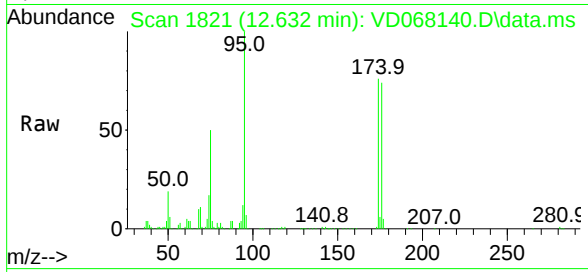
Tgt Ion: 75 Resp: 198065
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.93 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068140.D
 Acq: 21 Jan 2021 18:36

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-SWITCH-GEAR



Tgt Ion: 75 Resp: 198065
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

