

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068209.D
 Acq On : 27 Jan 2021 20:18
 Operator : VA/SY
 Sample : M1253-03
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 23:59:48 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	489660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	873260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	761331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	334869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	265980	56.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.56%
35) Dibromofluoromethane	7.920	113	255976	53.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.04%
50) Toluene-d8	10.344	98	1083781	56.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.24%
62) 4-Bromofluorobenzene	12.632	95	341521	49.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.22%

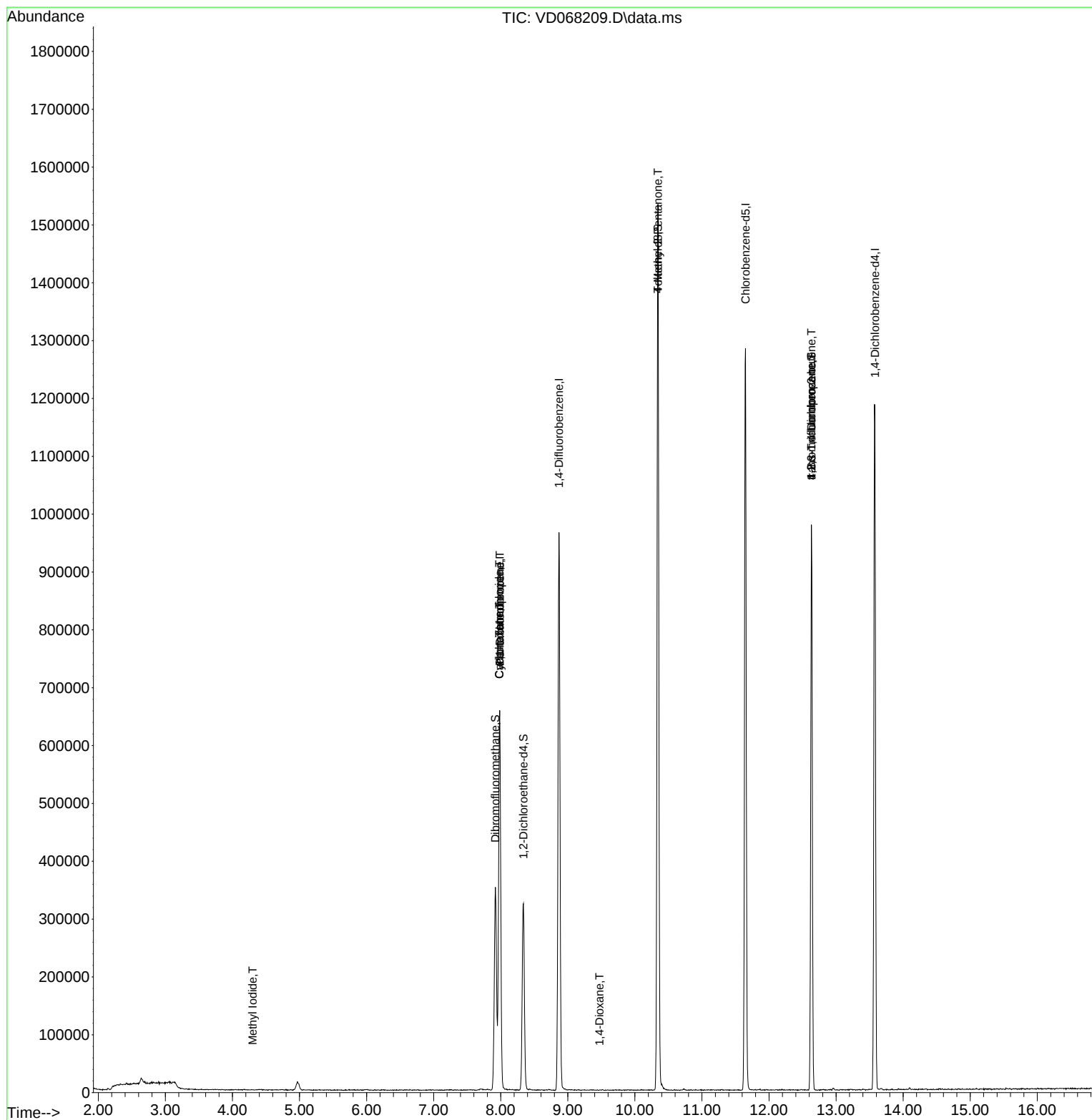
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	133	3.18	ug/l #	38
11) Tert butyl alcohol	5.226	59	66	Below	Cal #	74
20) Methylene Chloride	4.967	84	11698	Below	Cal #	90
31) Cyclohexane	7.979	56	10825	1.07	ug/l #	11
36) 1,1-Dichloropropene	7.985	75	40554	4.61	ug/l #	48
38) Carbon Tetrachloride	7.979	117	49118	5.96	ug/l #	15
49) 1,4-Dioxane	9.473	88	77	2.15	ug/l #	1
51) 4-Methyl-2-Pentanone	10.344	43	5012	1.66	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	173173	53.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	173173	108.23	ug/l #	13

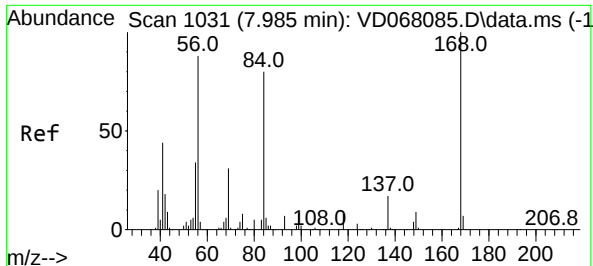
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
Data File : VD068209.D
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Sample : M1253-03
Misc : 6.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Jan 27 23:59:48 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

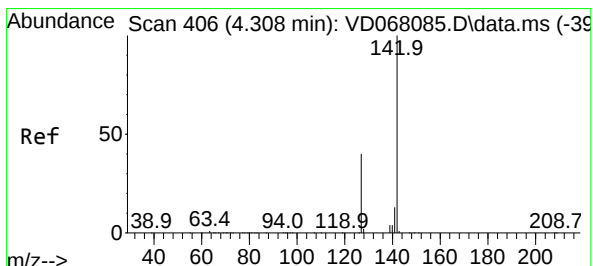
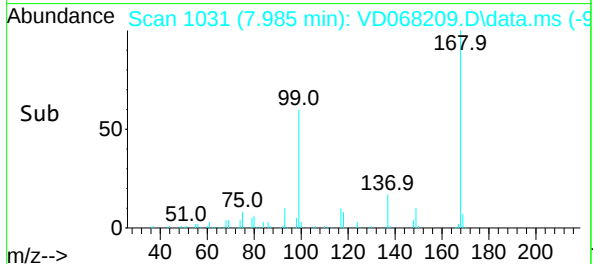
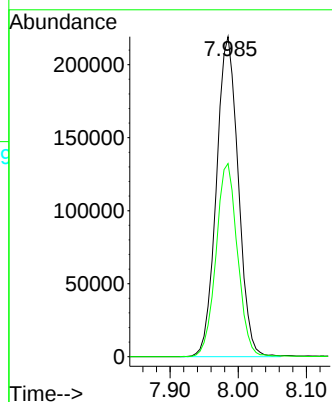
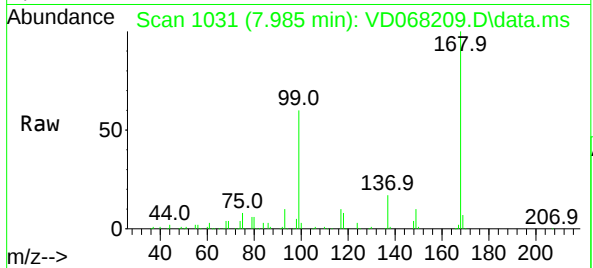




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

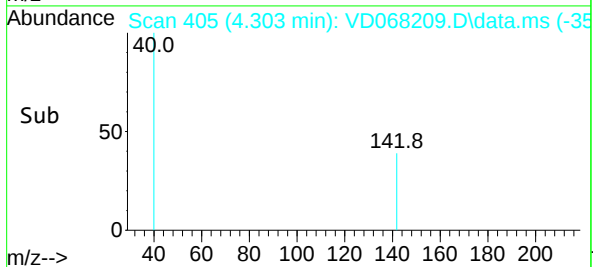
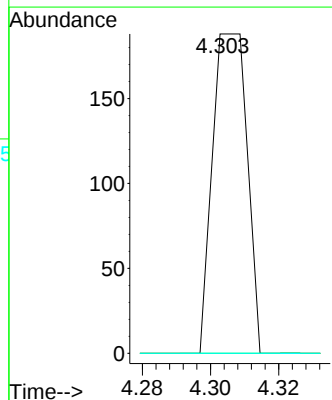
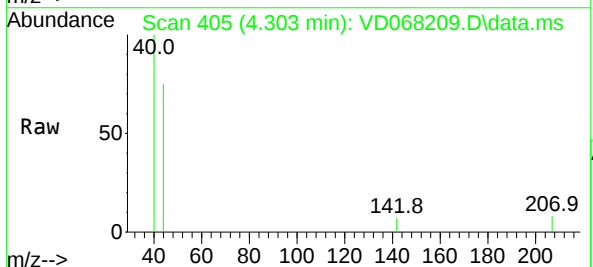
Instrument :
MSVOA_D
ClientSampled :

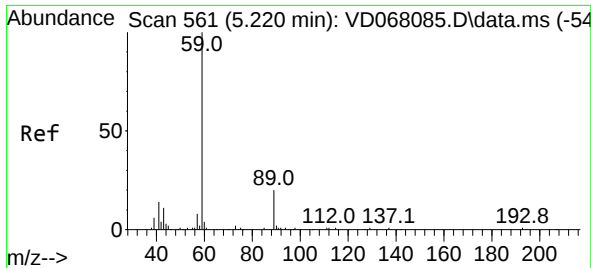
Tgt Ion:168 Resp: 489660
Ion Ratio Lower Upper
168 100
99 60.4 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

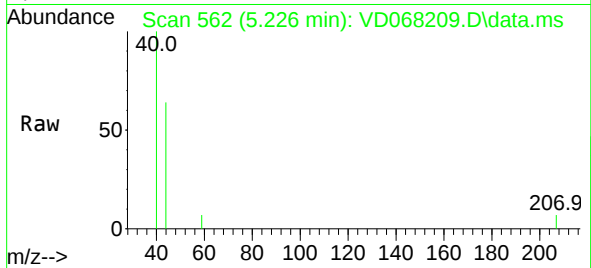
Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



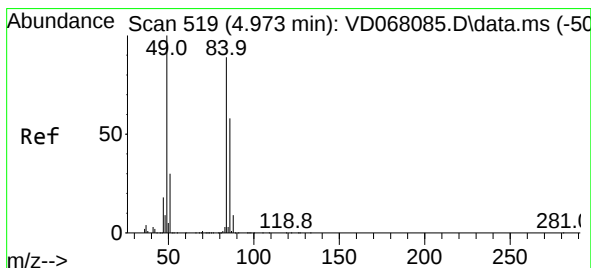
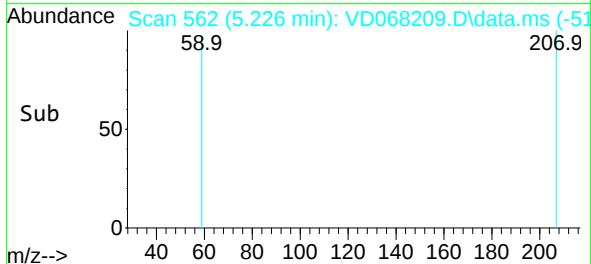
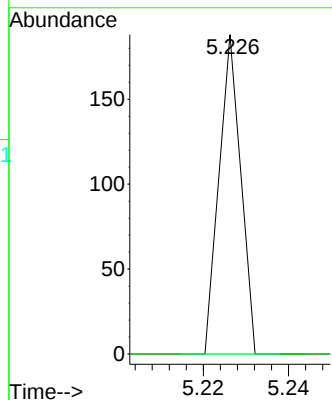


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Instrument :
MSVOA_D
ClientSampled :

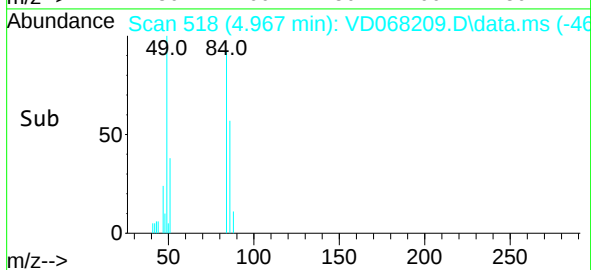
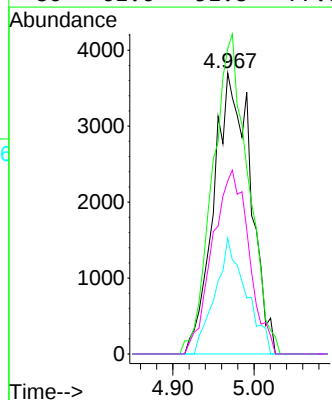
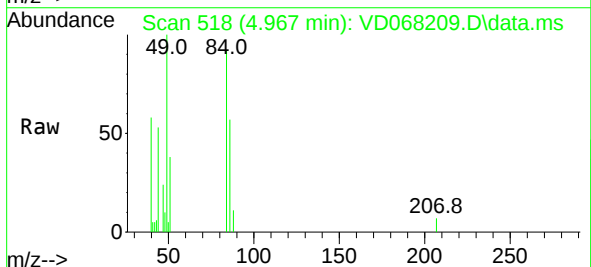


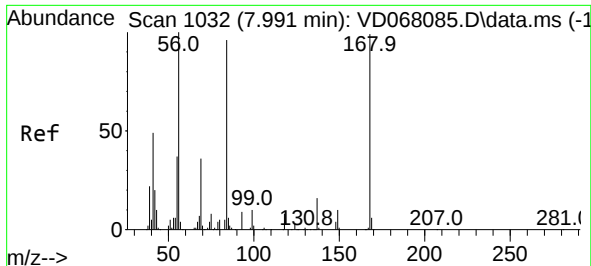
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion: 84 Resp: 11698
Ion Ratio Lower Upper
84 100
49 108.6 77.4 116.2
51 41.2 26.1 39.1#
86 61.6 51.8 77.8

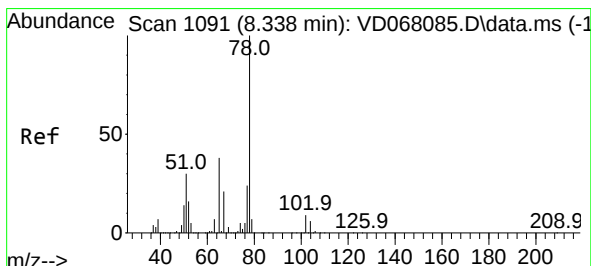
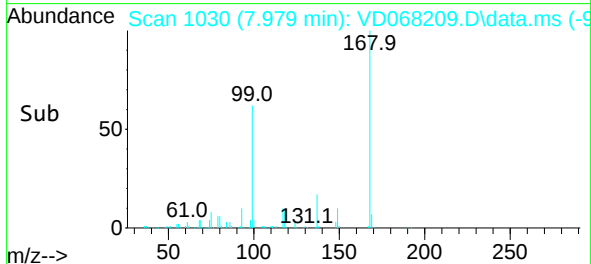
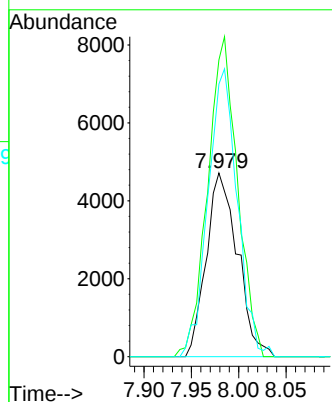
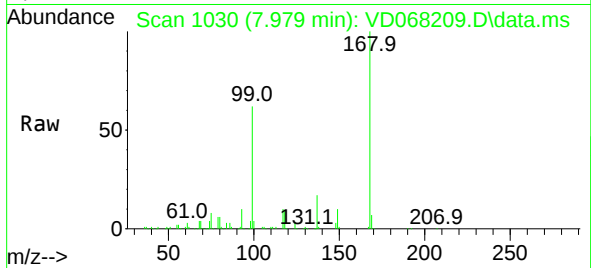




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

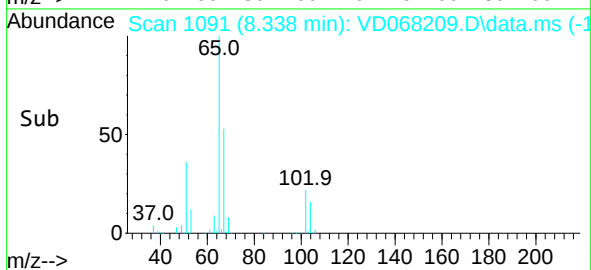
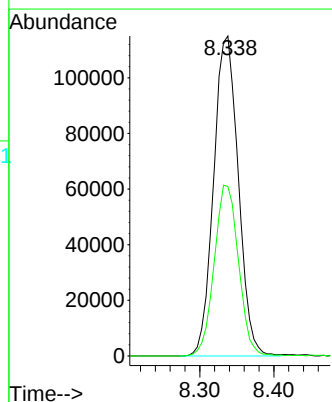
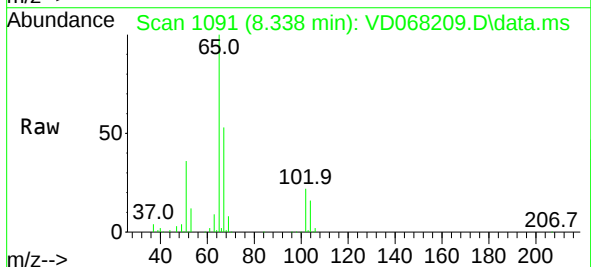
Instrument :
MSVOA_D
ClientSampled :

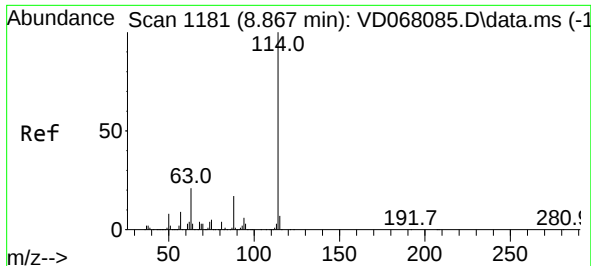
Tgt Ion: 56 Resp: 10825
Ion Ratio Lower Upper
56 100
69 161.6 30.1 45.1#
84 148.5 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 56.78 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion: 65 Resp: 265980
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

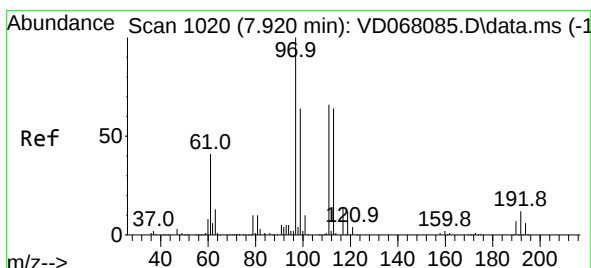
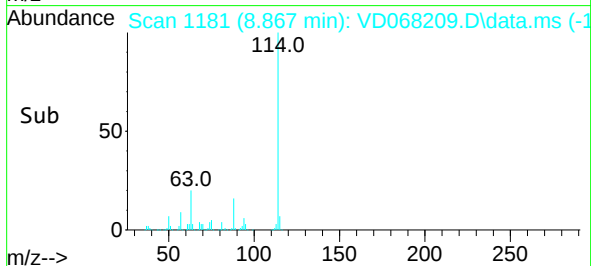
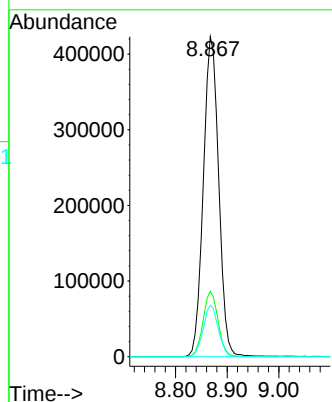
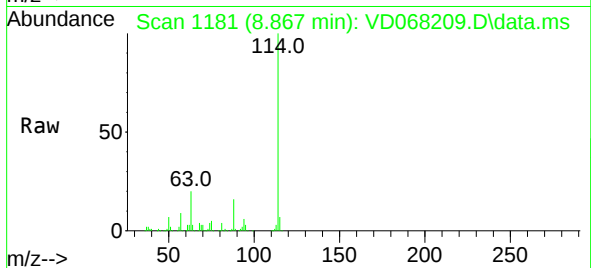




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

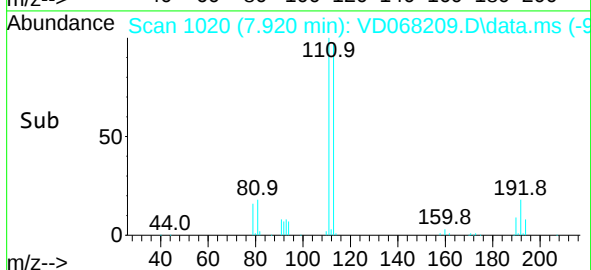
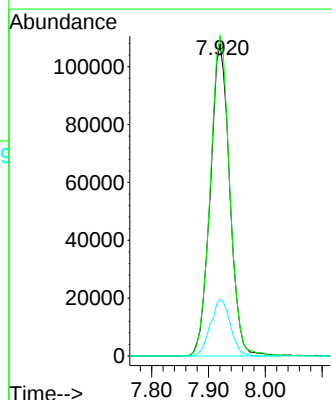
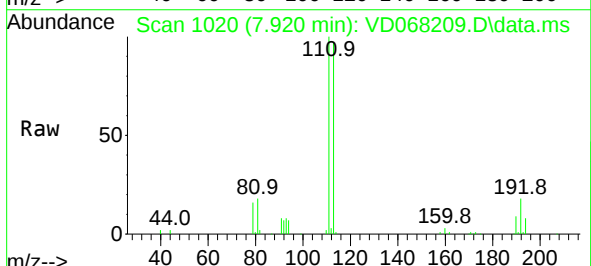
Instrument :
MSVOA_D
ClientSampled :

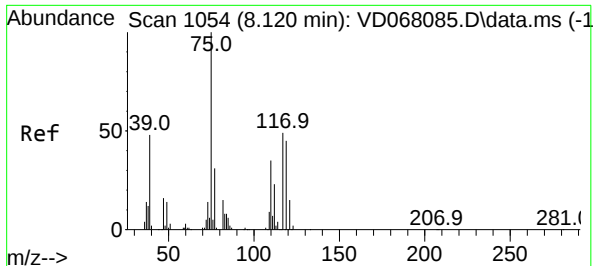
Tgt Ion:114 Resp: 873260
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.02 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion:113 Resp: 255976
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.5 16.1 24.1

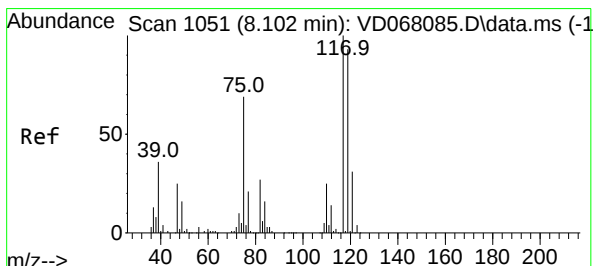
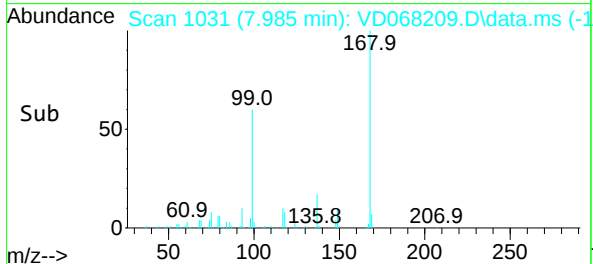
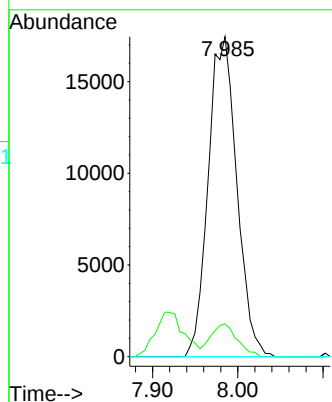
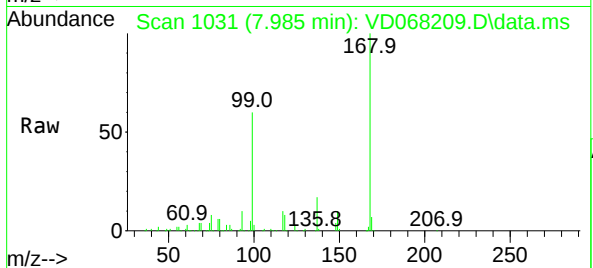




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

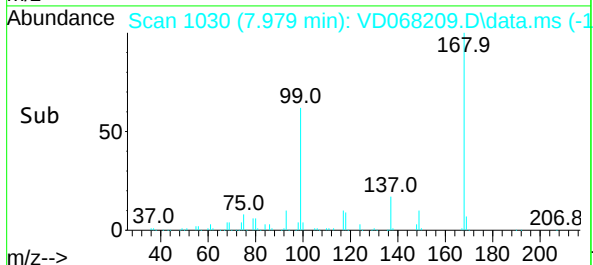
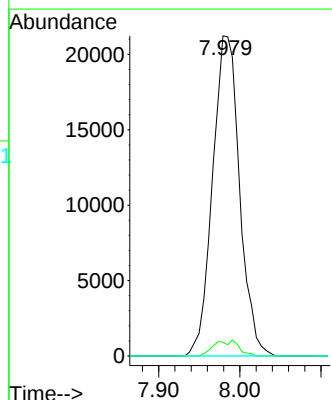
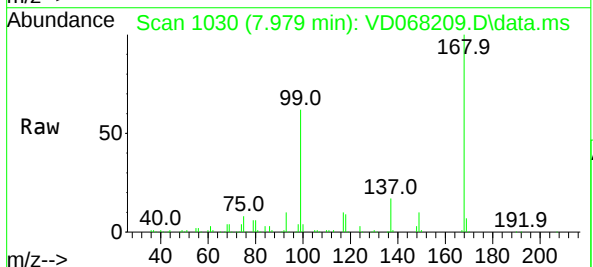
Instrument :
MSVOA_D
ClientSampled :

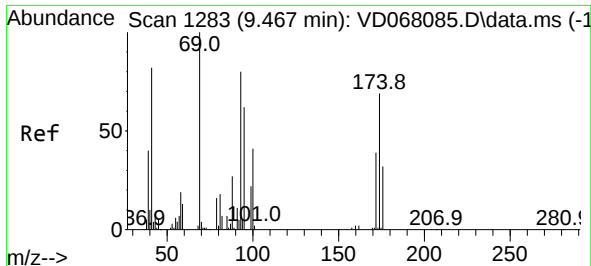
Tgt Ion: 75 Resp: 40554
Ion Ratio Lower Upper
75 100
110 9.5 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion: 117 Resp: 49118
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#

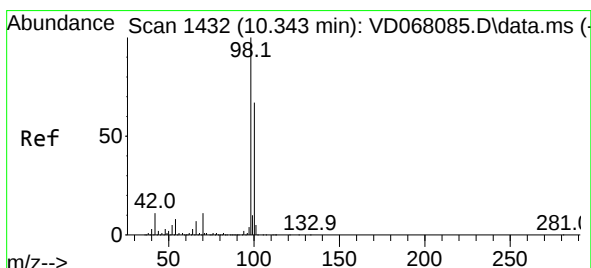
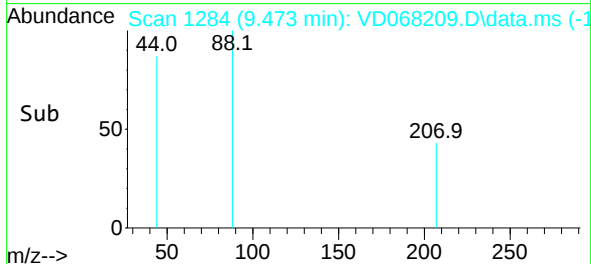
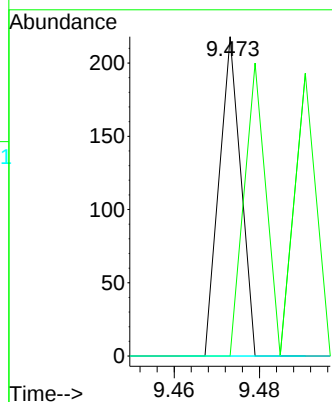
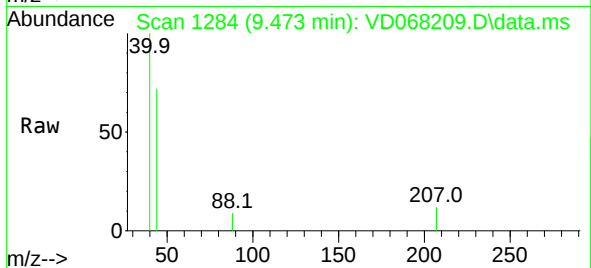




#49
1,4-Dioxane
Concen: 2.15 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

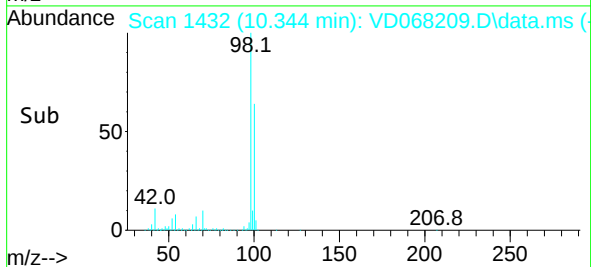
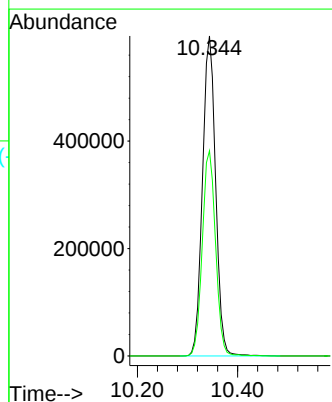
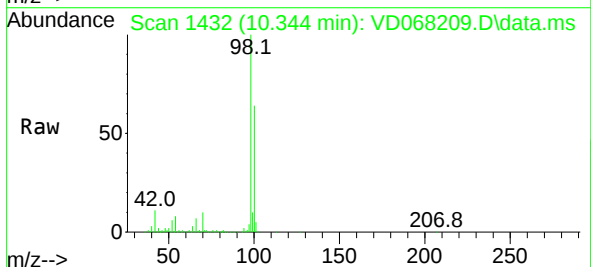
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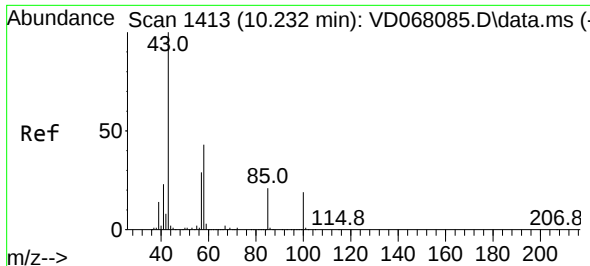
Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 180.5 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 56.12 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion: 98 Resp: 1083781
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

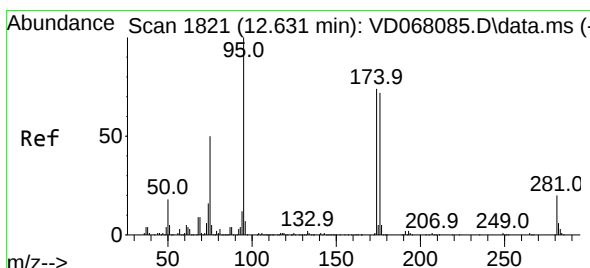
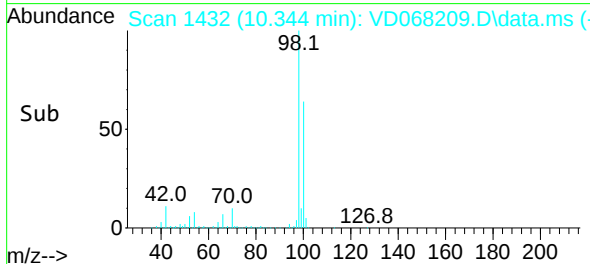
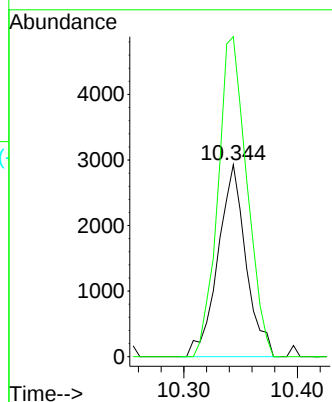
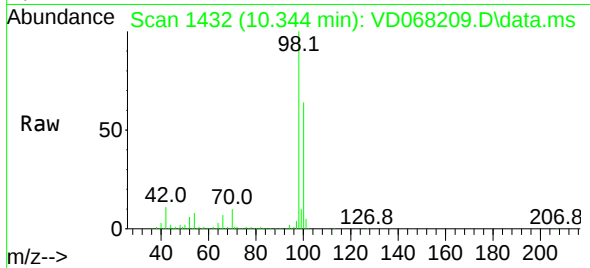




#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

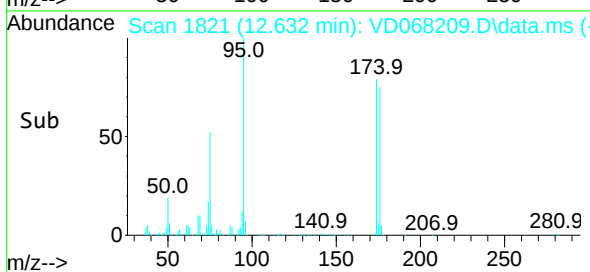
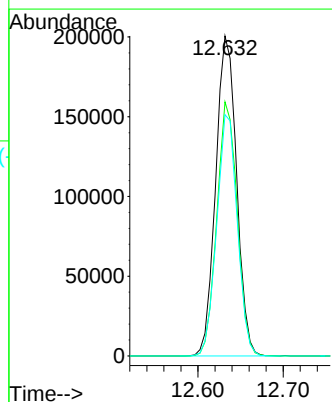
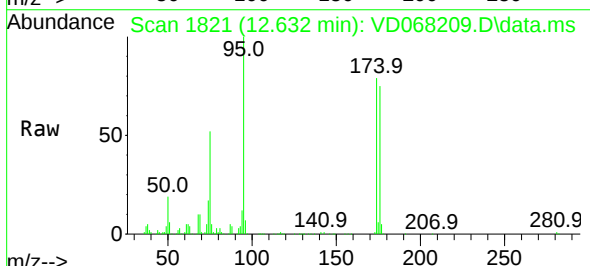
Instrument :
MSVOA_D
ClientSampled :

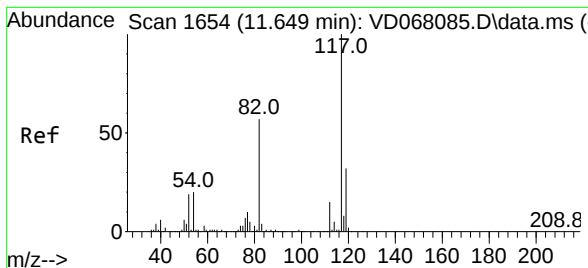
Tgt Ion: 43 Resp: 5012
Ion Ratio Lower Upper
43 100
58 172.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion: 95 Resp: 341521
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 74.1 0.0 168.4

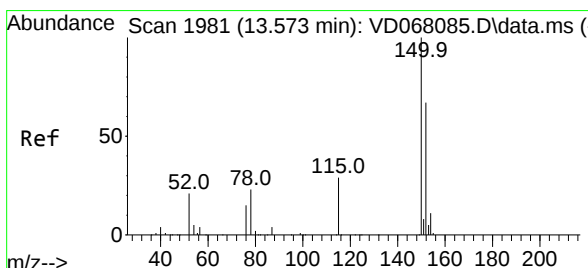
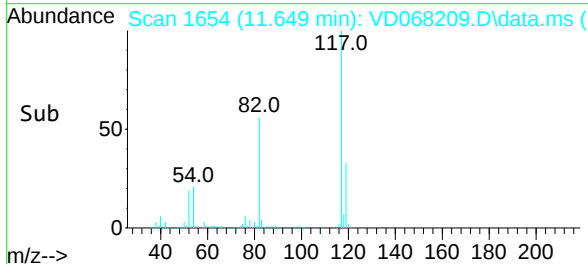
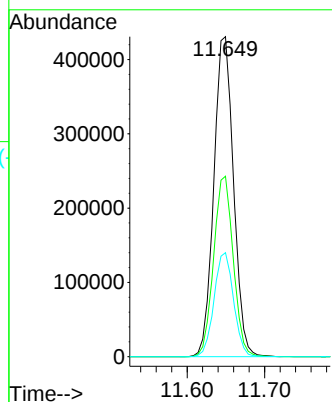
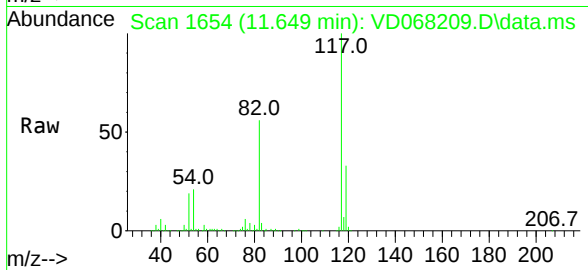




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

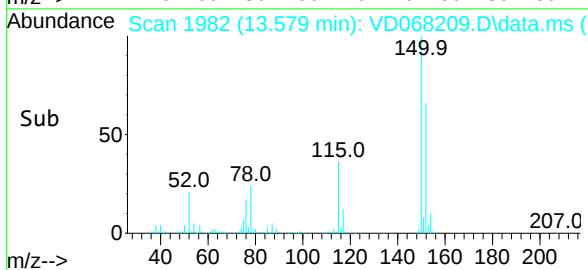
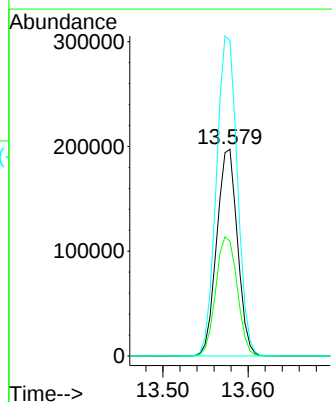
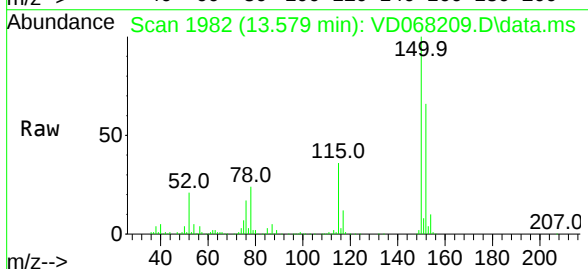
Instrument :
MSVOA_D
ClientSampled :

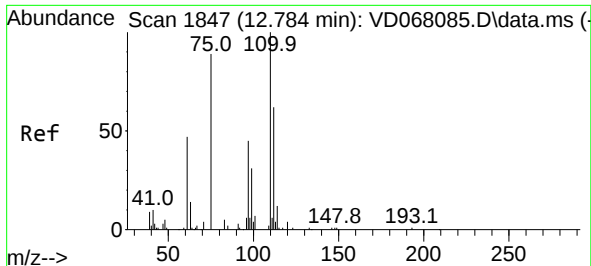
Tgt Ion:117 Resp: 761331
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion:152 Resp: 334869
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 156.4 0.0 344.4

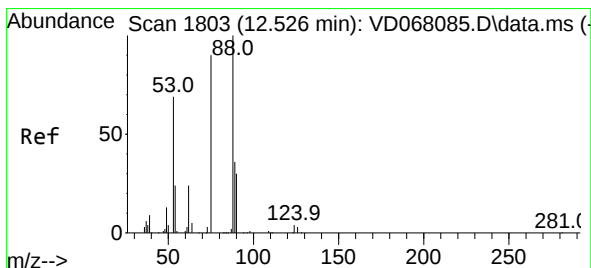
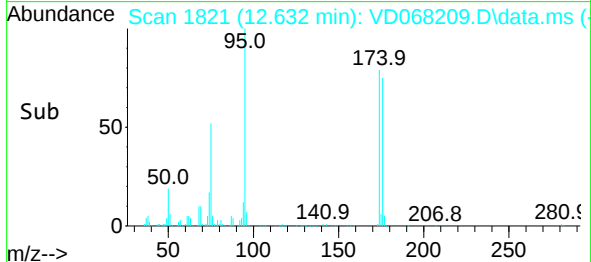
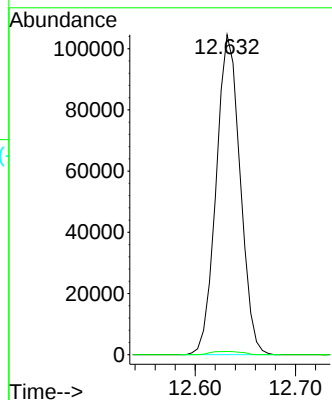
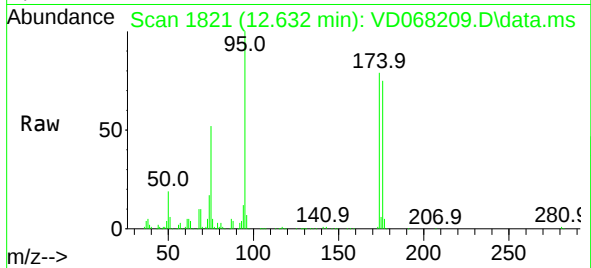




#76
1,2,3-Trichloropropane
Concen: 53.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 173173
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068209.D
Acq: 27 Jan 2021 20:18

Tgt Ion: 75 Resp: 173173
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

