

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068830.D
 Acq On : 12 Apr 2021 14:16
 Operator : VA/SY
 Sample : M1997-01
 Misc : 7.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

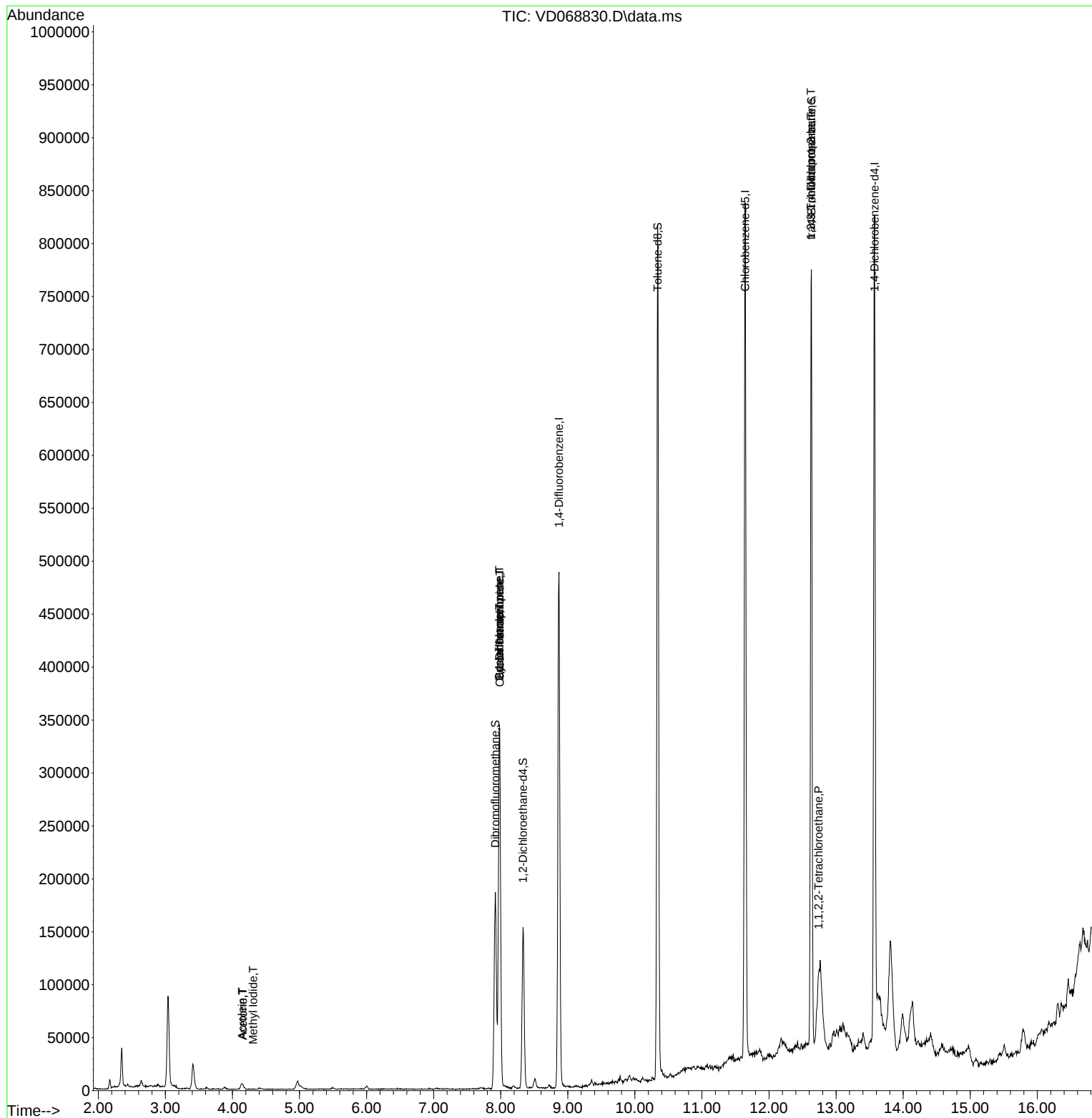
Internal Standards						
1) Pentafluorobenzene	7.979	168	266944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	453751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	485169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	218672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118706	42.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.16%
35) Dibromofluoromethane	7.920	113	131988	44.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.44%
50) Toluene-d8	10.338	98	577334	51.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.70%
62) 4-Bromofluorobenzene	12.632	95	219868	59.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.92%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	82	2.27	ug/l #	41
11) Tert butyl alcohol	5.226	59	66	Below	Cal #	73
13) Acrolein	4.144	56	999	9.00	ug/l	97
16) Acetone	4.156	43	2963	7.58	ug/l #	40
20) Methylene Chloride	4.973	84	5684	Below	Cal	93
31) Cyclohexane	7.979	56	6739	1.44	ug/l #	50
36) 1,1-Dichloropropene	7.979	75	19753	4.30	ug/l #	49
38) Carbon Tetrachloride	7.985	117	26179	5.76	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.738	83	8423	2.82	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	109081	54.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	109081	126.72	ug/l #	16

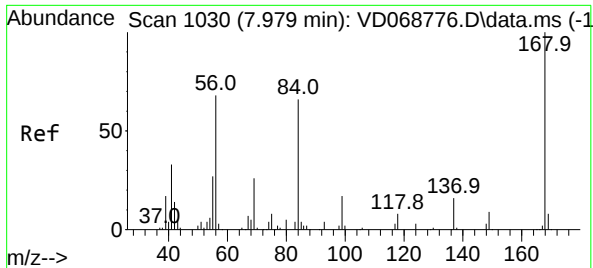
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068830.D
Acq On : 12 Apr 2021 14:16
Operator : VA/SY
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Apr 13 01:09:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

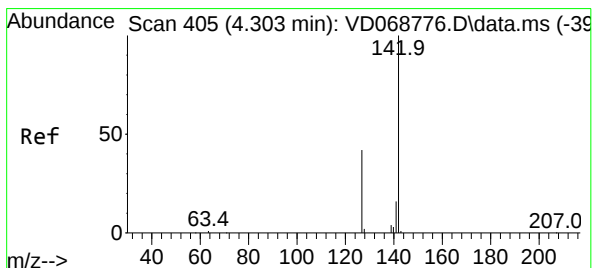
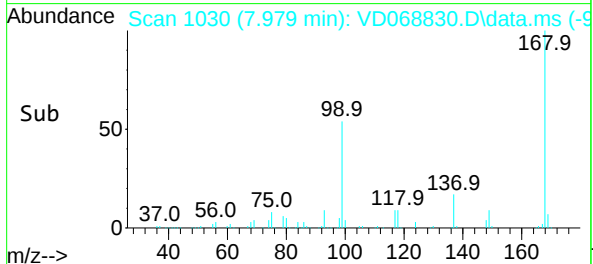
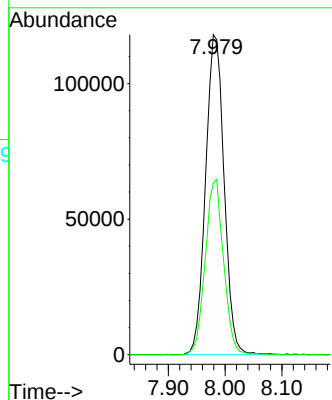
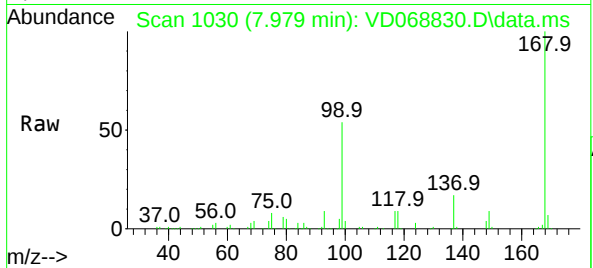




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

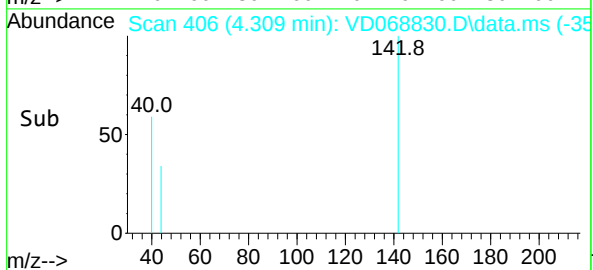
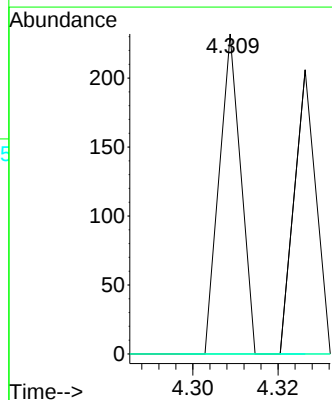
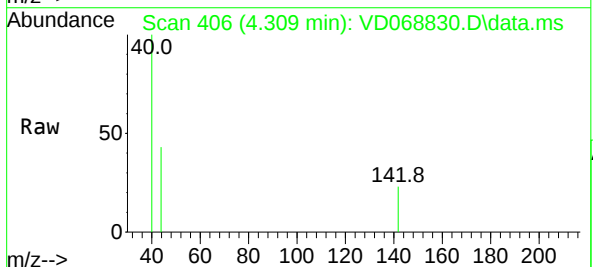
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 266944
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion:142 Resp: 82
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

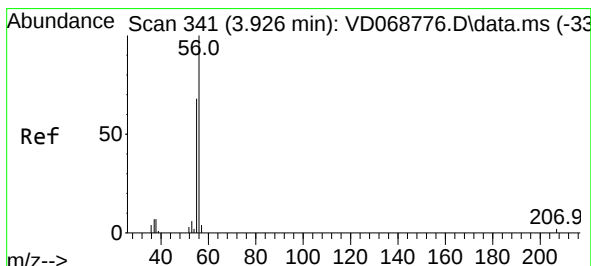
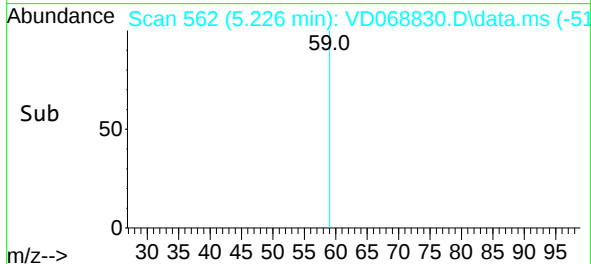
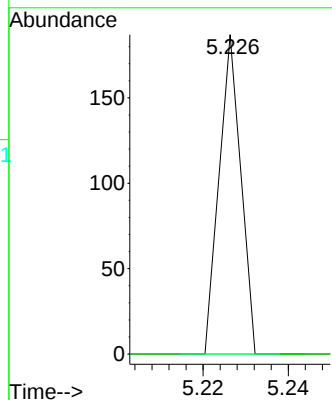
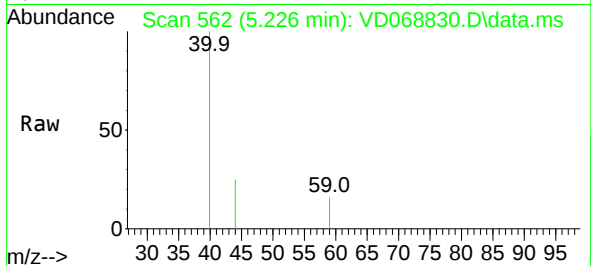




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

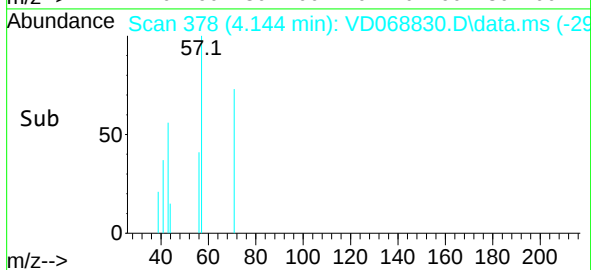
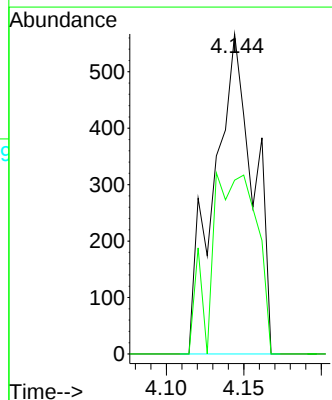
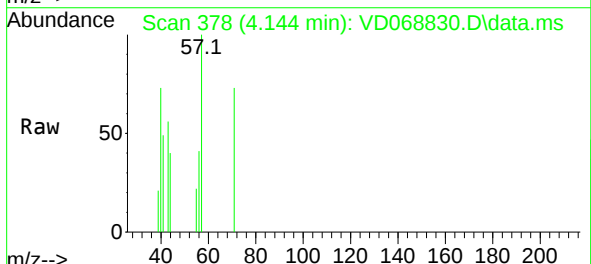
Instrument :
MSVOA_D
ClientSampled :

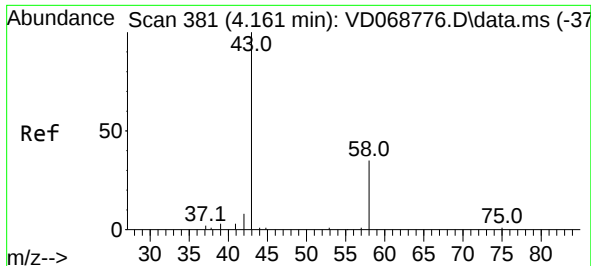
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 9.00 ug/l
RT: 4.144 min Scan# 378
Delta R.T. 0.218 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion: 56 Resp: 999
Ion Ratio Lower Upper
56 100
55 66.0 54.7 82.1

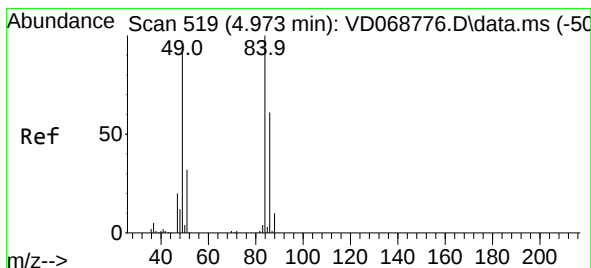
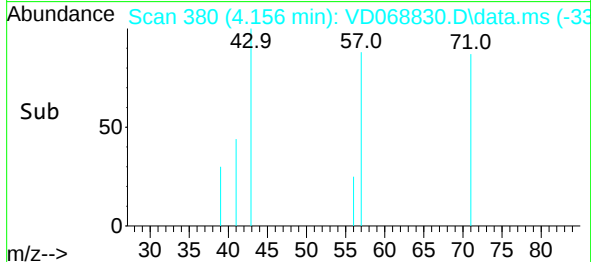
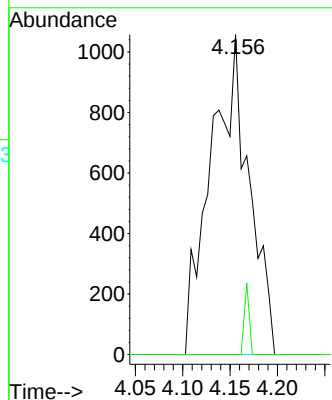
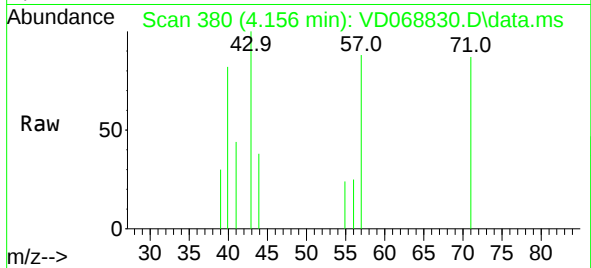




#16
Acetone
Concen: 7.58 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

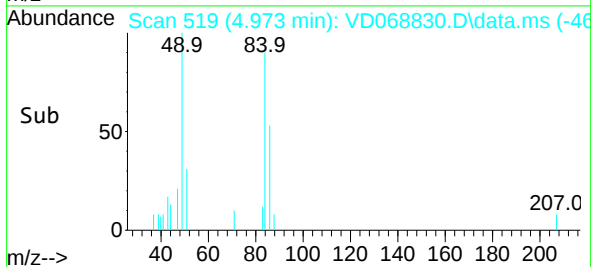
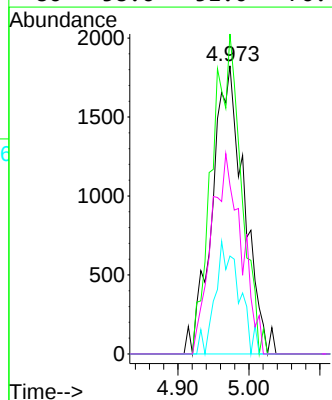
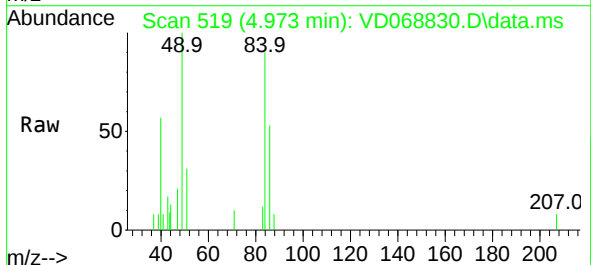
Instrument :
MSVOA_D
ClientSampled :

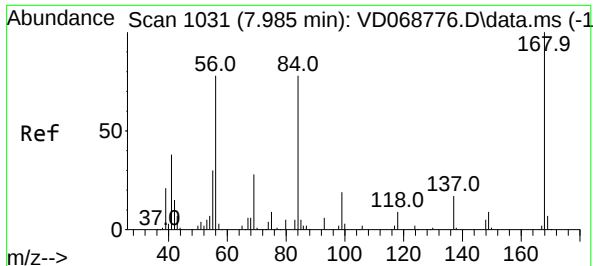
Tgt Ion: 43 Resp: 2963
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

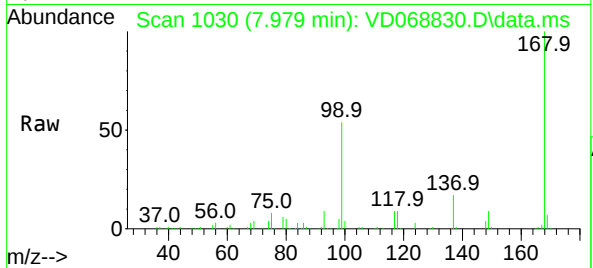
Tgt Ion: 84 Resp: 5684
Ion Ratio Lower Upper
84 100
49 111.1 83.4 125.0
51 34.0 23.4 35.2
86 58.6 51.0 76.4



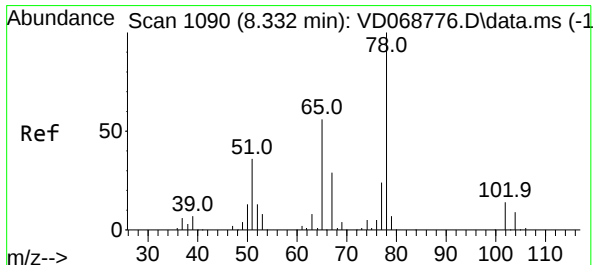
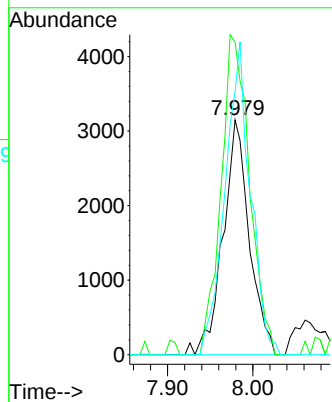
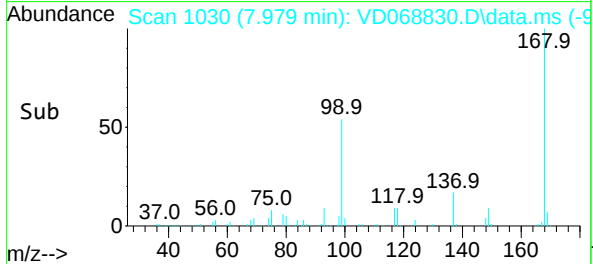


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

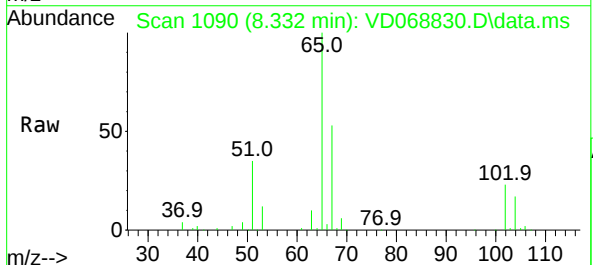
Instrument :
MSVOA_D
ClientSampleId :



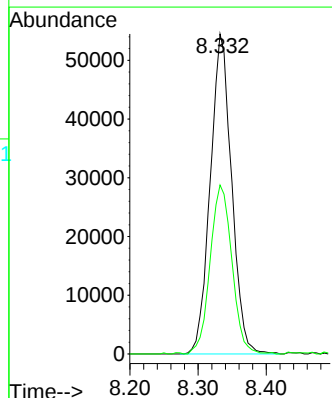
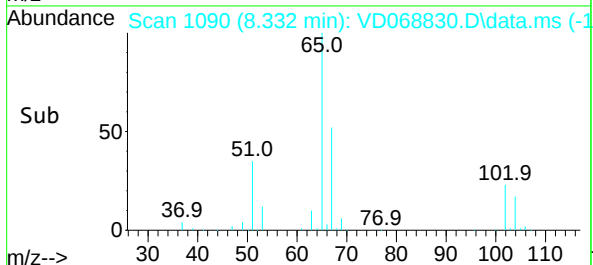
Tgt Ion: 56 Resp: 6739
Ion Ratio Lower Upper
56 100
69 133.1 30.0 45.0#
84 112.0 82.0 123.0

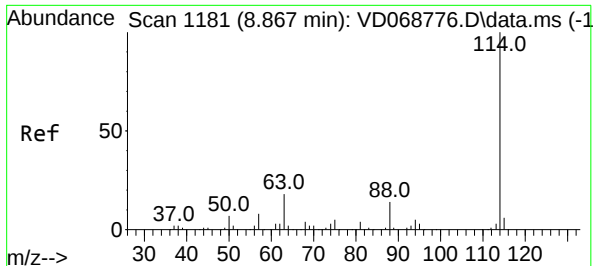


#33
1,2-Dichloroethane-d4
Concen: 42.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16



Tgt Ion: 65 Resp: 118706
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0

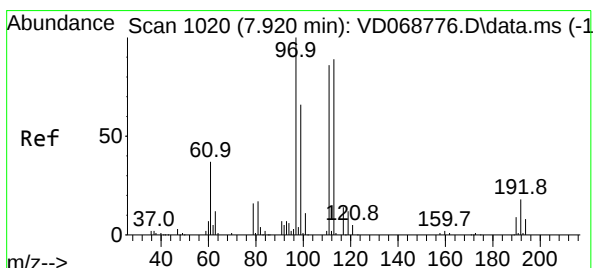
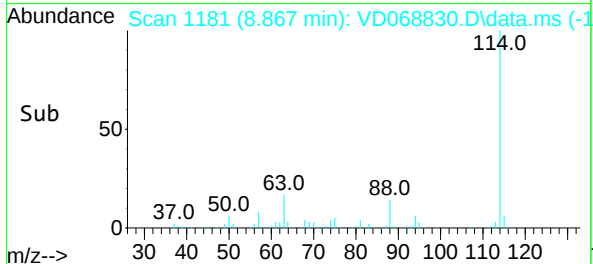
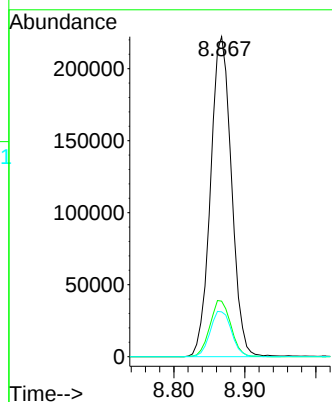
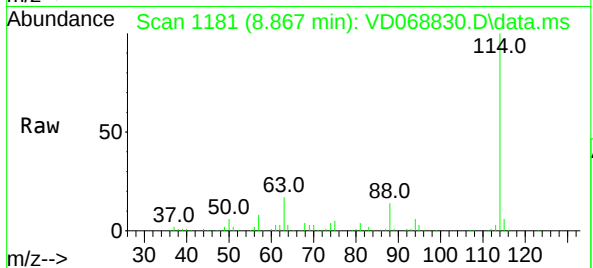




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

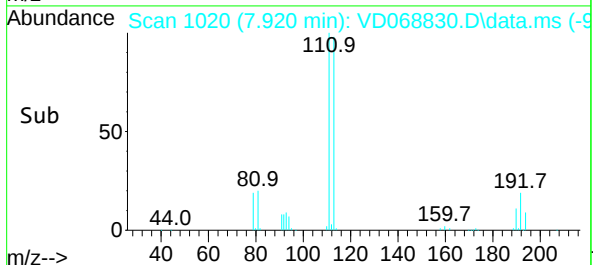
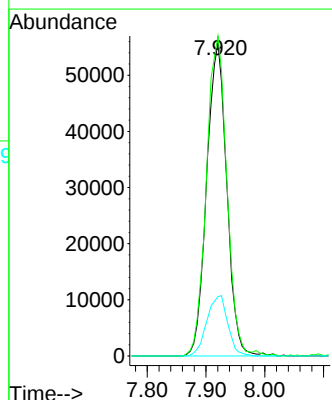
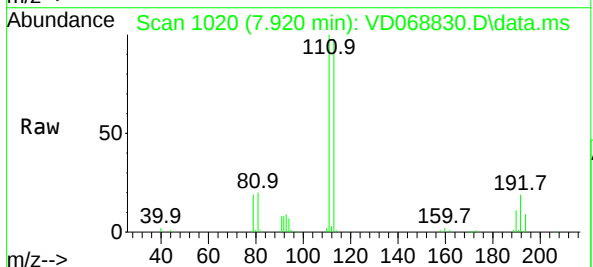
Instrument :
MSVOA_D
ClientSampled :

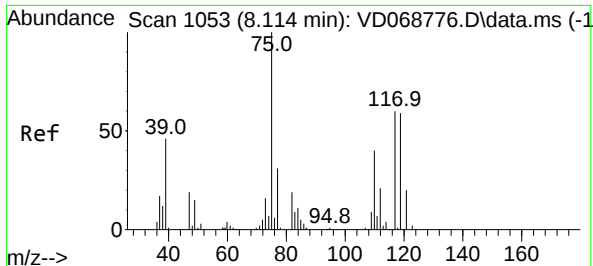
Tgt Ion:114 Resp: 453751
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 44.72 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion:113 Resp: 131988
Ion Ratio Lower Upper
113 100
111 104.7 82.5 123.7
192 20.1 15.1 22.7



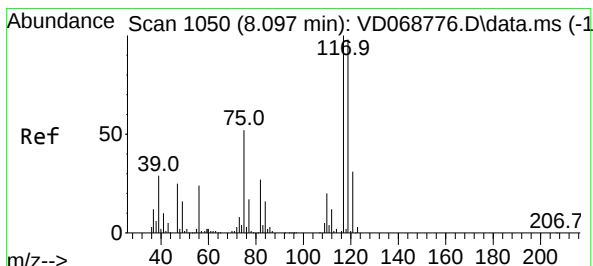
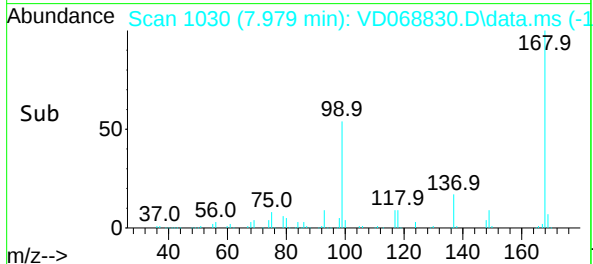
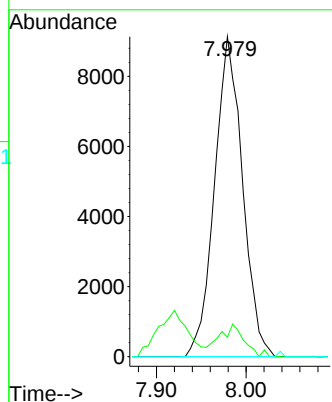
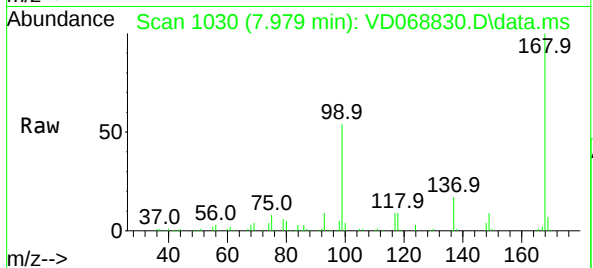


#36

1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Instrument :
MSVOA_D
ClientSampled :

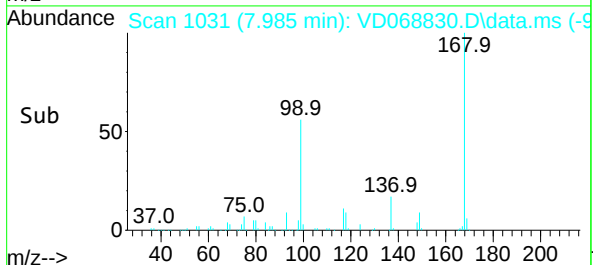
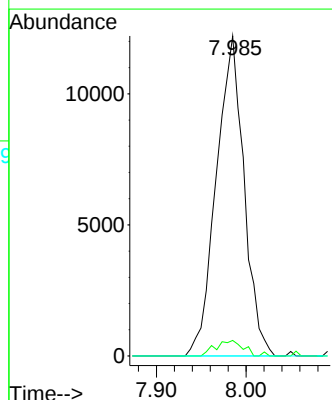
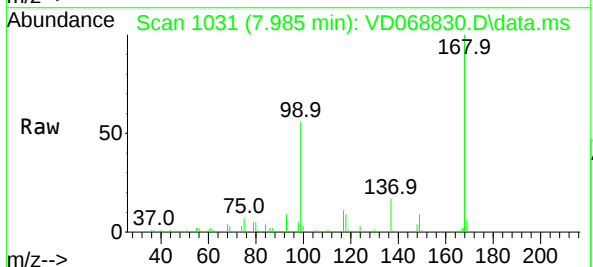
Tgt Ion: 75 Resp: 19753
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 24.7 37.1#

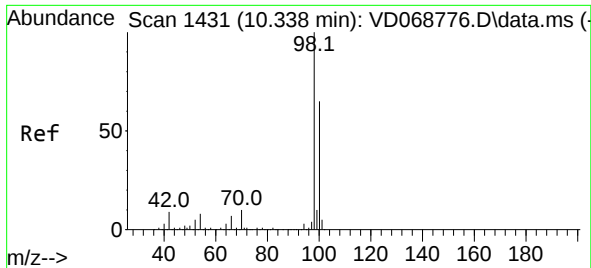


#38

Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion: 117 Resp: 26179
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 26.1 39.1#

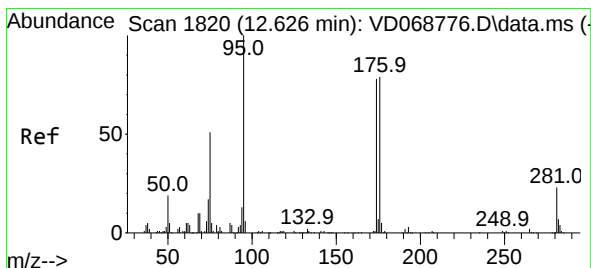
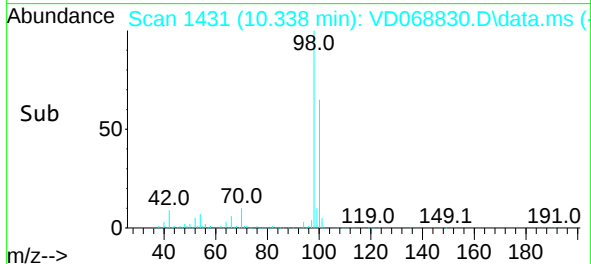
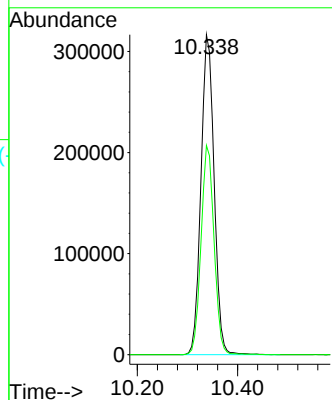
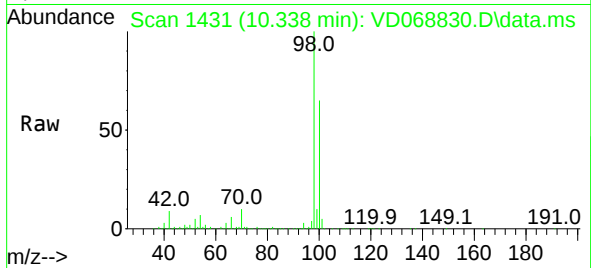




#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

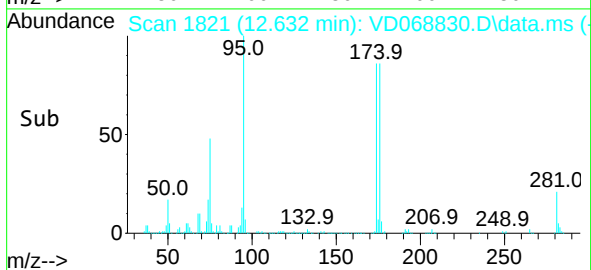
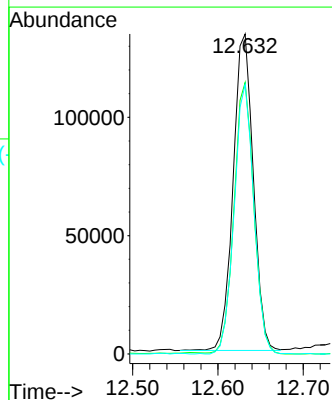
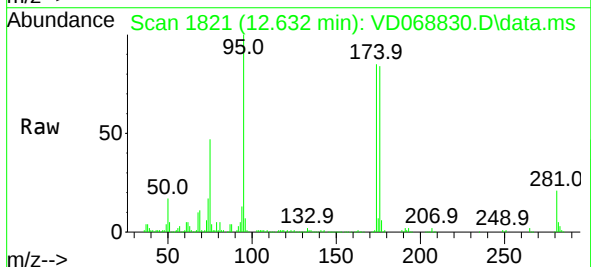
Instrument :
MSVOA_D
ClientSampled :

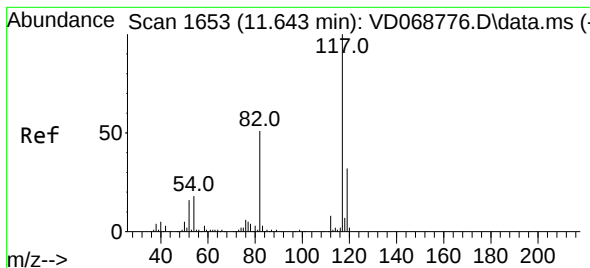
Tgt Ion: 98 Resp: 577334
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion: 95 Resp: 219868
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.0
176 83.3 0.0 160.2

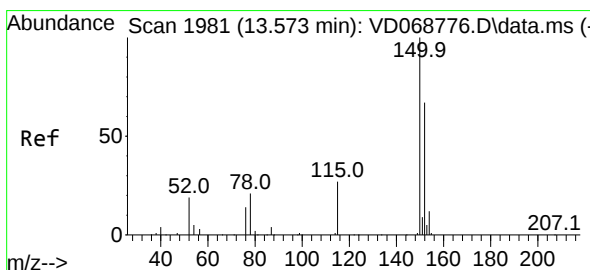
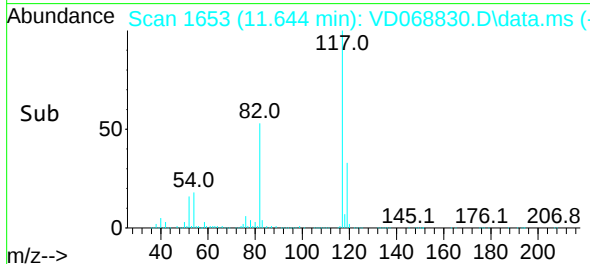
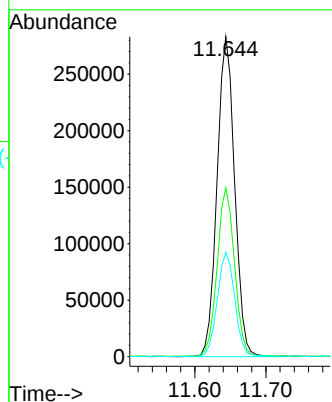
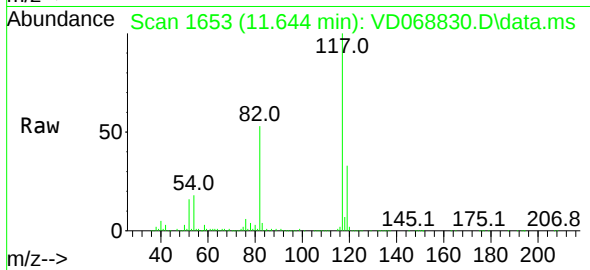




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

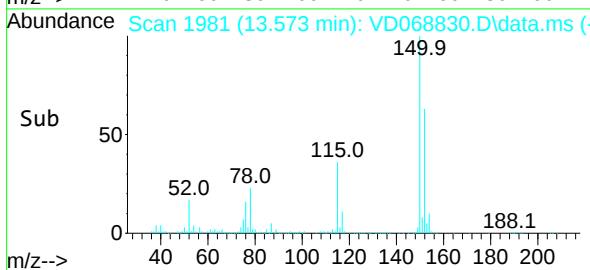
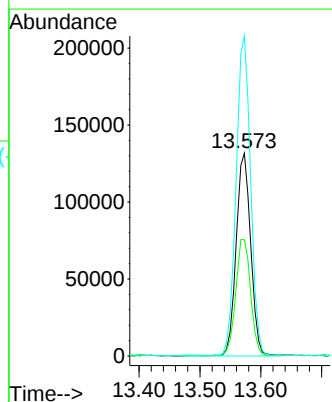
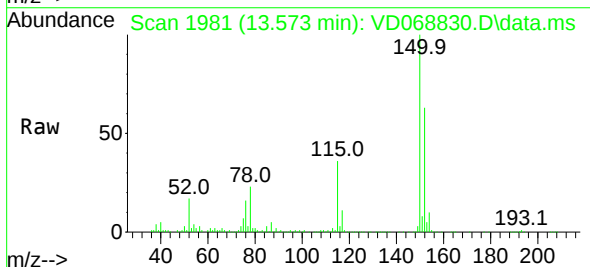
Instrument :
MSVOA_D
ClientSampled :

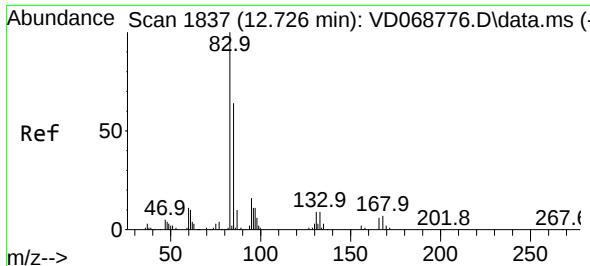
Tgt Ion:117 Resp: 485169
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068830.D
Acq: 12 Apr 2021 14:16

Tgt Ion:152 Resp: 218672
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 157.4 0.0 347.6

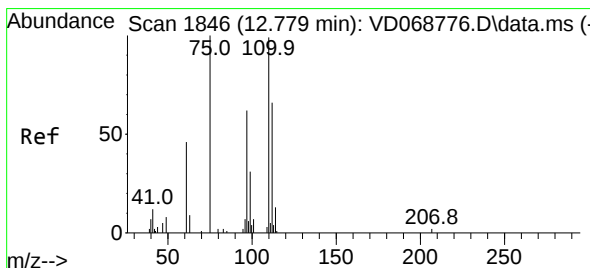
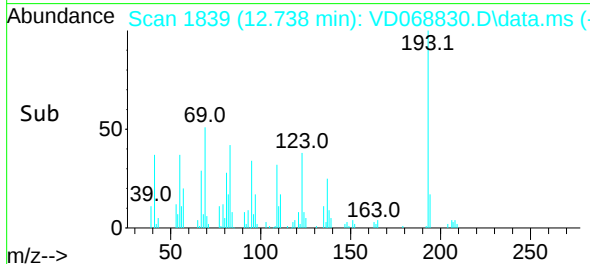
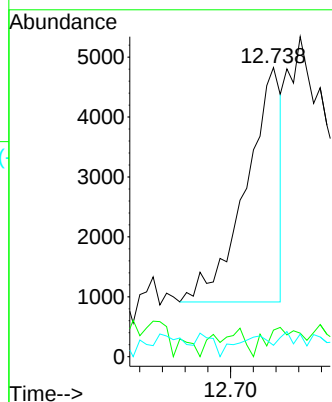
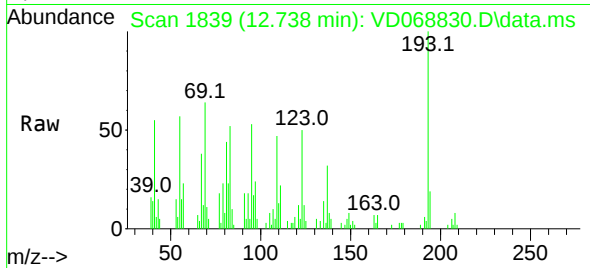




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.82 ug/l
 RT: 12.738 min Scan# 1839
 Delta R.T. 0.012 min
 Lab File: VD068830.D
 Acq: 12 Apr 2021 14:16

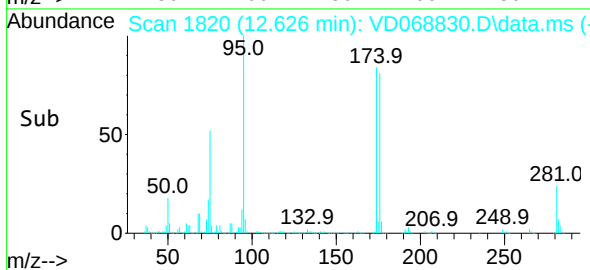
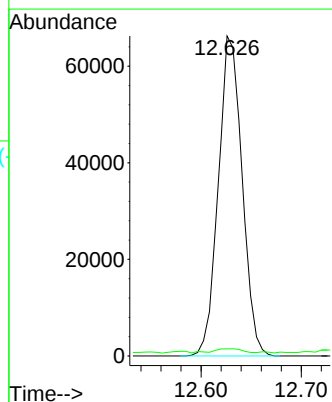
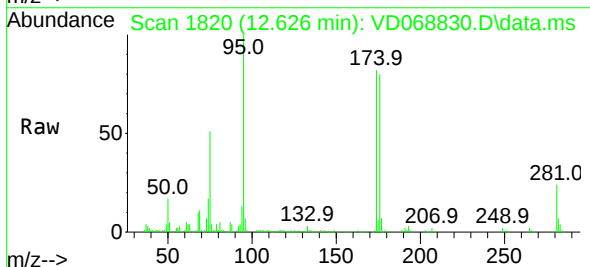
Instrument :
 MSVOA_D
 ClientSampleId :

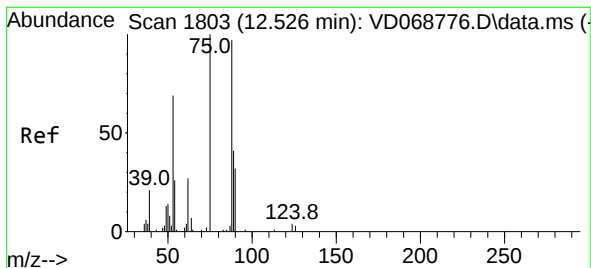
Tgt Ion: 83 Resp: 8423
 Ion Ratio Lower Upper
 83 100
 131 12.4 5.1 15.3
 85 2.6 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 54.60 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD068830.D
 Acq: 12 Apr 2021 14:16

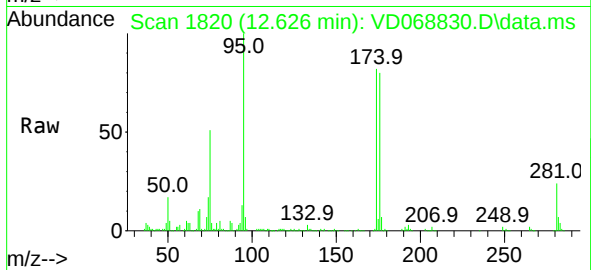
Tgt Ion: 75 Resp: 109081
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.72 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068830.D
 Acq: 12 Apr 2021 14:16

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 109081
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.4 36.6 54.8#

