

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068831.D
 Acq On : 12 Apr 2021 14:44
 Operator : VA/SY
 Sample : M1997-03
 Misc : 6.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:09:31 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)

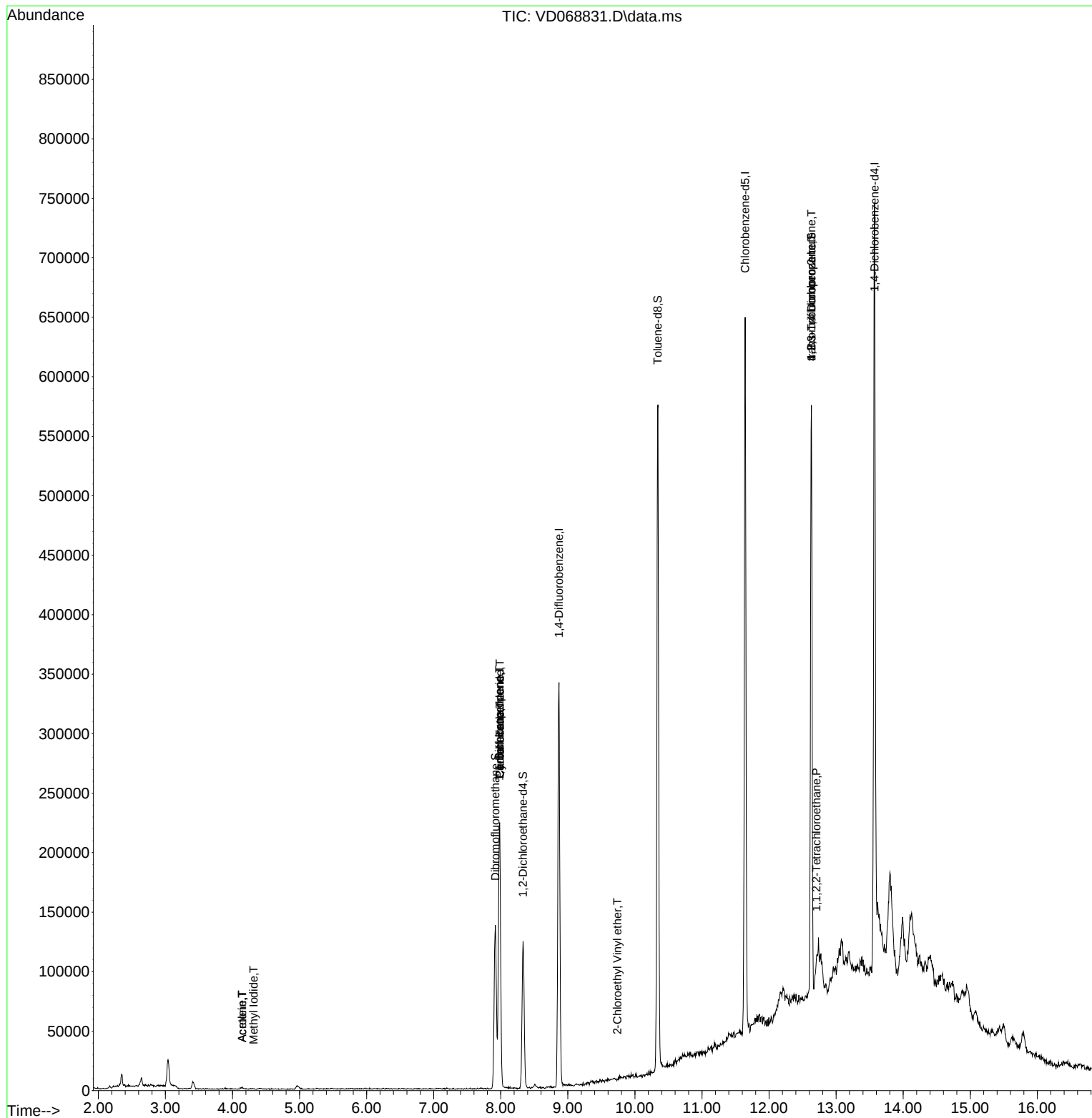
Internal Standards						
1) Pentafluorobenzene	7.985	168	177580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	309195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	353918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	175859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	99015	52.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.52%			
35) Dibromofluoromethane	7.920	113	99405	49.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.86%			
50) Toluene-d8	10.338	98	402896	53.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.22%			
62) 4-Bromofluorobenzene	12.632	95	165165	65.55	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.10%			
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	121	2.30	ug/l #	41
13) Acrolein	4.144	56	78	1.06	ug/l #	16
16) Acetone	4.144	43	403	1.55	ug/l #	40
20) Methylene Chloride	4.967	84	2520	Below Cal		86
31) Cyclohexane	7.985	56	3873	1.24	ug/l #	46
36) 1,1-Dichloropropene	7.979	75	13279	4.24	ug/l #	50
38) Carbon Tetrachloride	7.985	117	17182	5.55	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.738	63	62	17.05	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.708	83	3243	1.35	ug/l #	26
76) 1,2,3-Trichloropropane	12.632	75	81446	50.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	81446	117.65	ug/l #	16

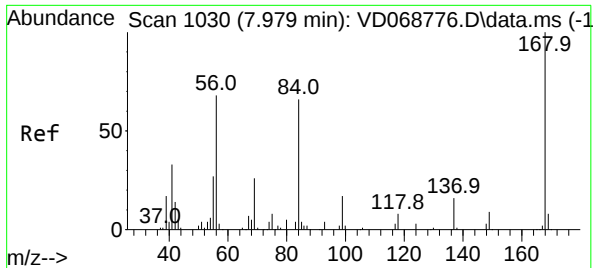
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Apr 13 01:09:31 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

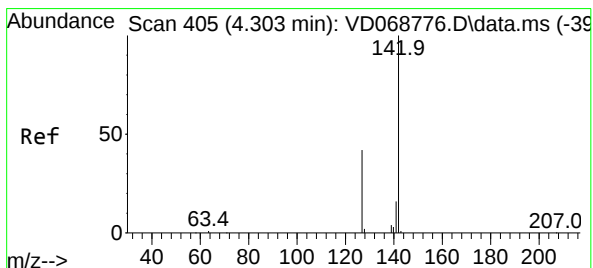
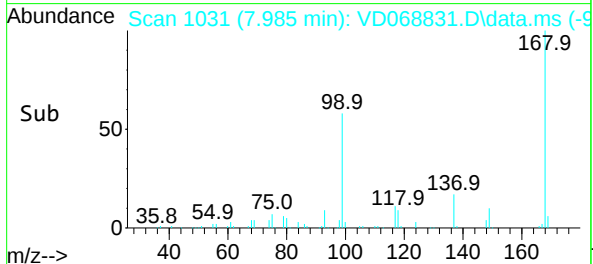
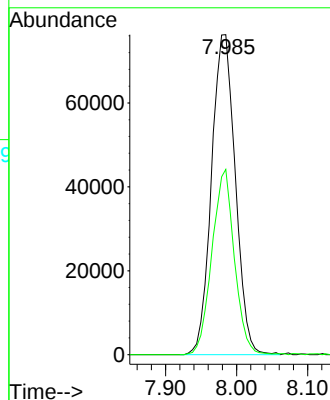
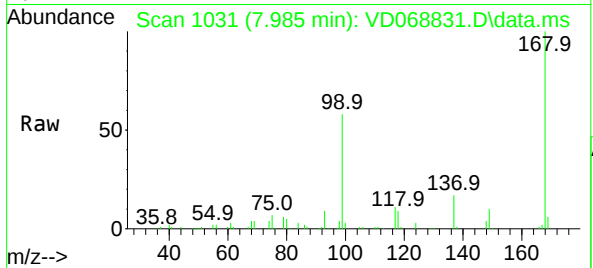




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

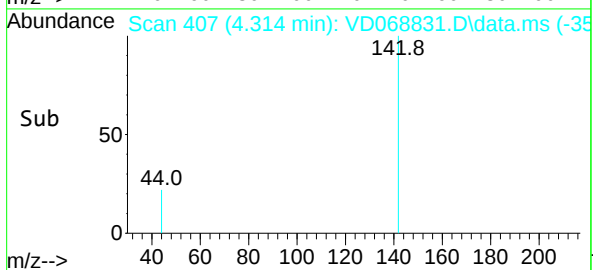
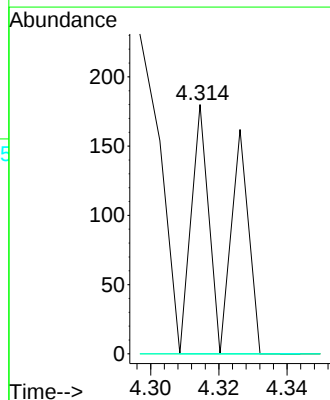
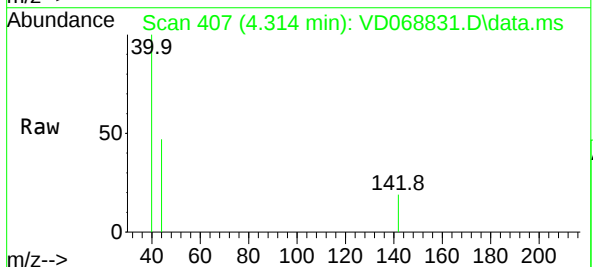
Instrument :
MSVOA_D
ClientSampled :

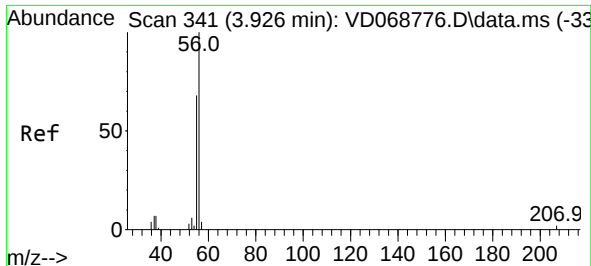
Tgt Ion:168 Resp: 177580
Ion Ratio Lower Upper
168 100
99 57.9 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion:142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

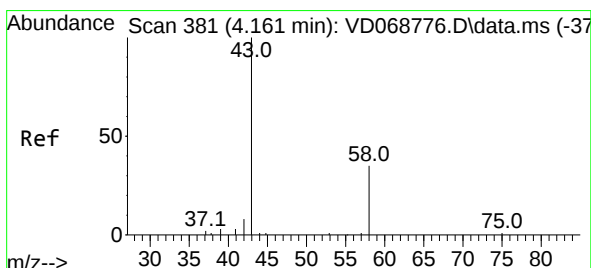
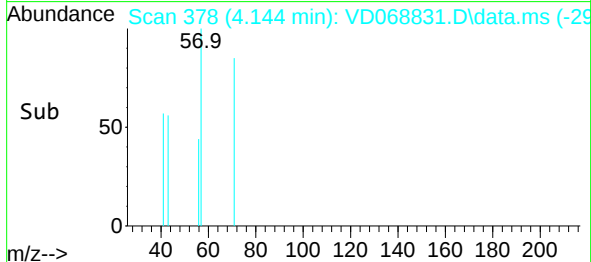
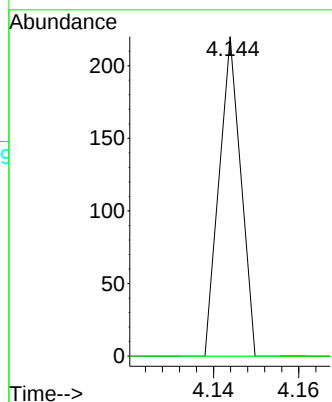
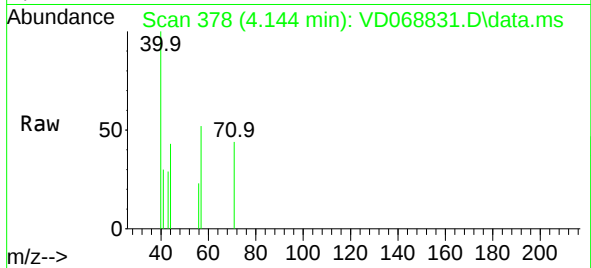




#13
Acrolein
Concen: 1.06 ug/l
RT: 4.144 min Scan# 378
Delta R.T. 0.218 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

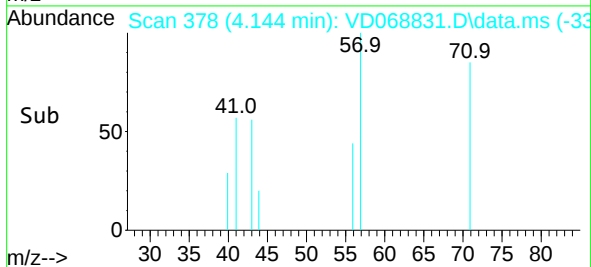
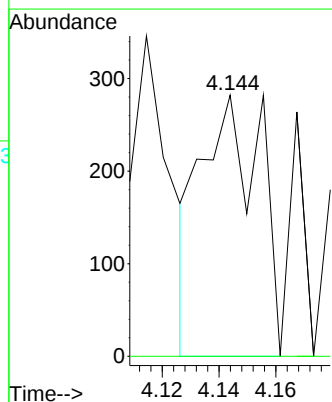
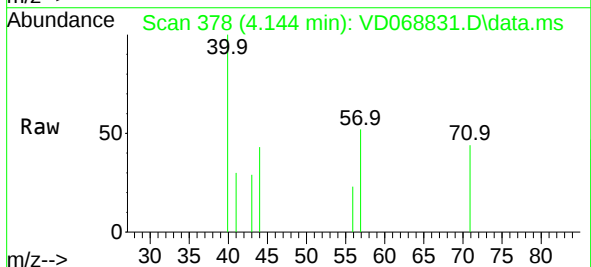
Instrument :
MSVOA_D
ClientSampled :

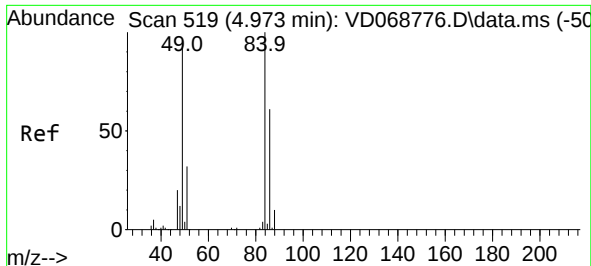
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#



#16
Acetone
Concen: 1.55 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

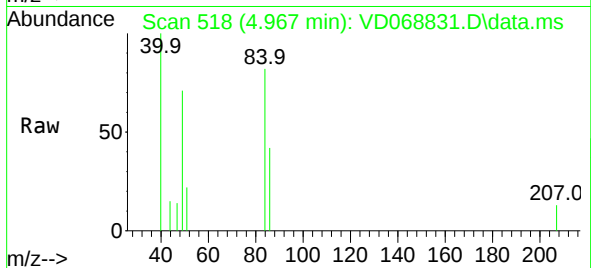
Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





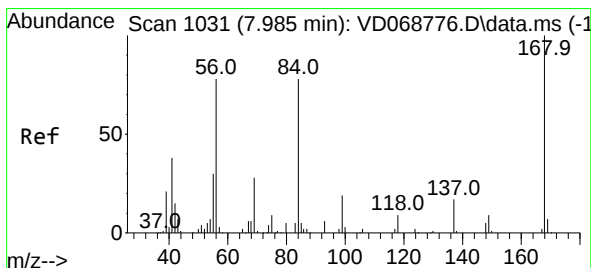
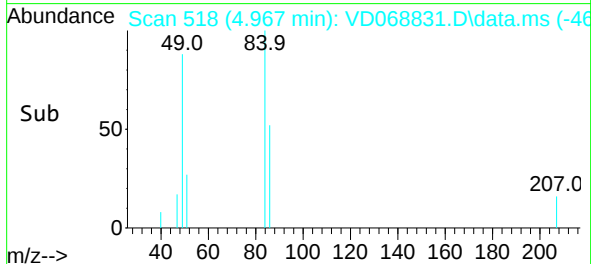
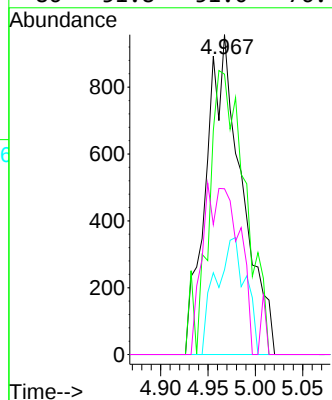
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 2520

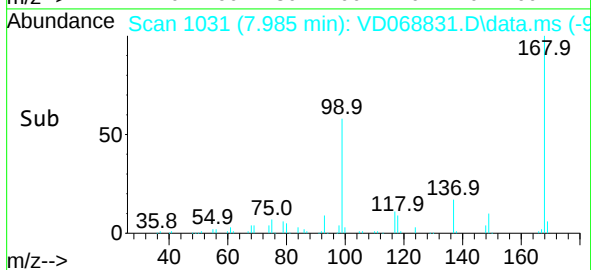
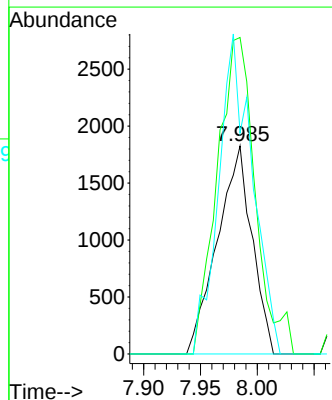
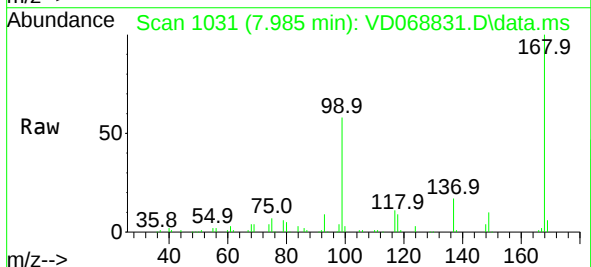
Ion	Ratio	Lower	Upper
84	100		
49	87.7	83.4	125.0
51	26.5	23.4	35.2
86	51.8	51.0	76.4

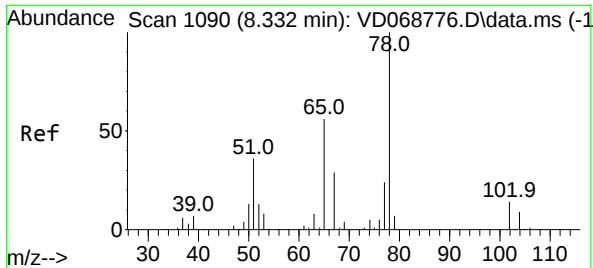


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion: 56 Resp: 3873

Ion	Ratio	Lower	Upper
56	100		
69	152.1	30.0	45.0#
84	106.3	82.0	123.0

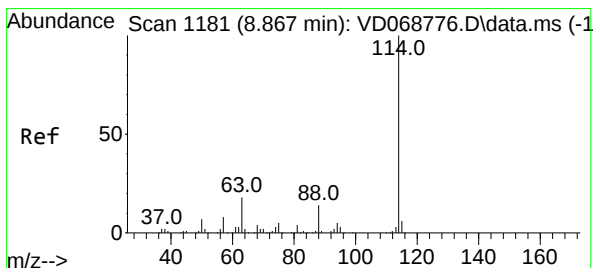
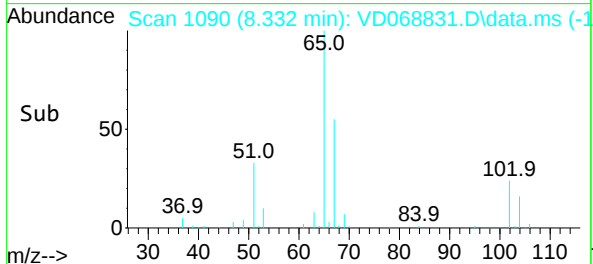
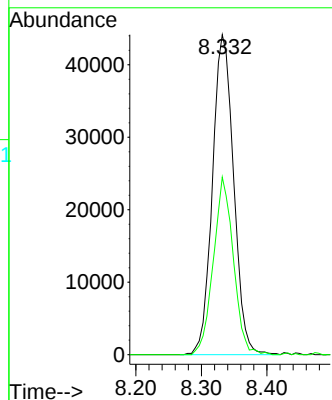
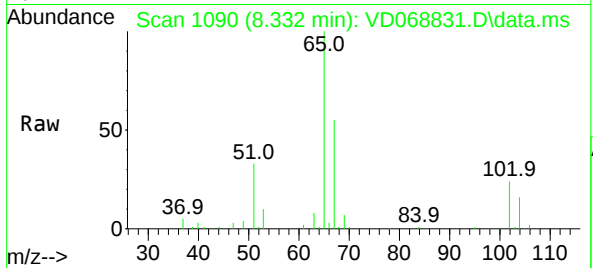




#33
1,2-Dichloroethane-d4
Concen: 52.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

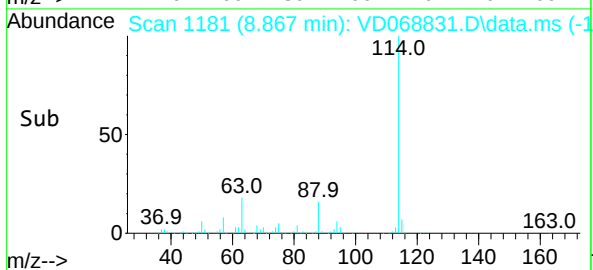
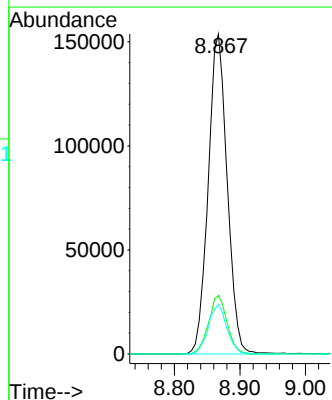
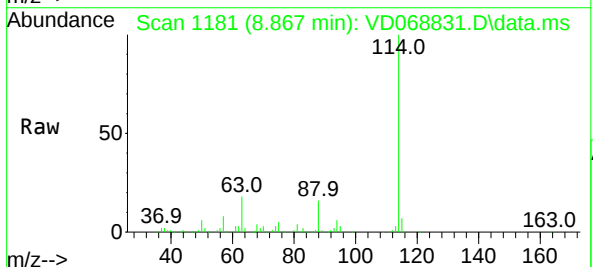
Instrument :
MSVOA_D
ClientSampled :

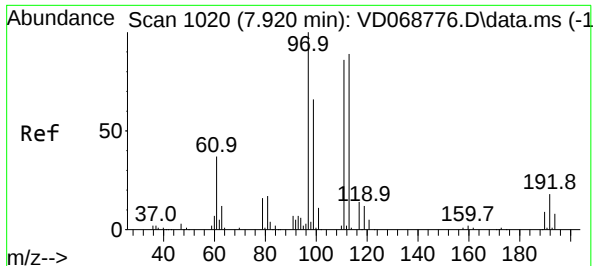
Tgt Ion: 65 Resp: 99015
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion: 114 Resp: 309195
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 15.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.43 ug/l

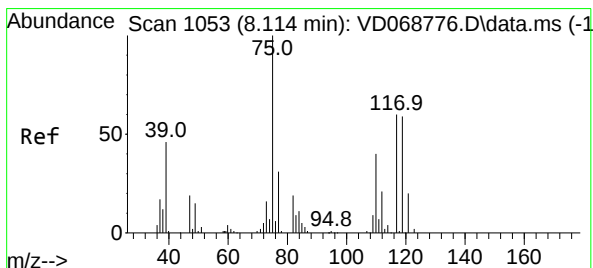
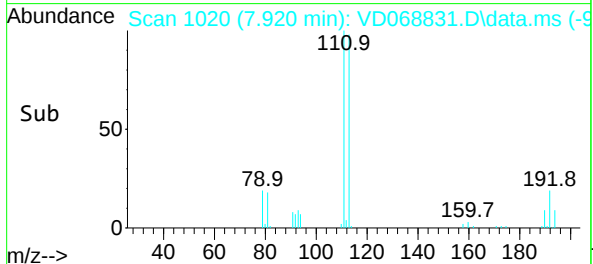
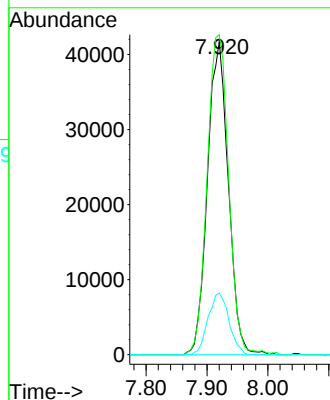
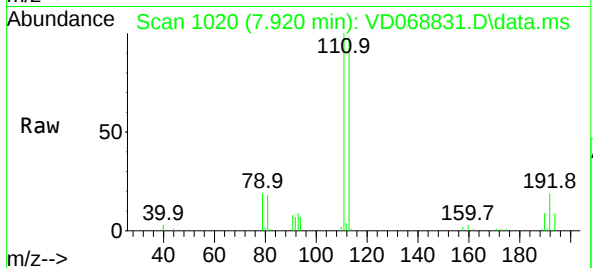
RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068831.D

Acq: 12 Apr 2021 14:44

Tgt Ion:	113	Resp:	99405
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.5	123.7
192	19.7	15.1	22.7



#36

1,1-Dichloropropene

Concen: 4.24 ug/l

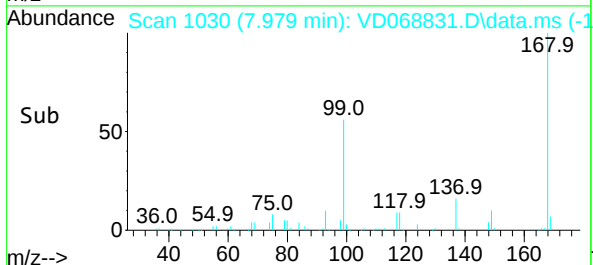
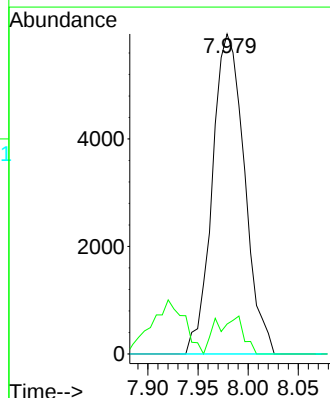
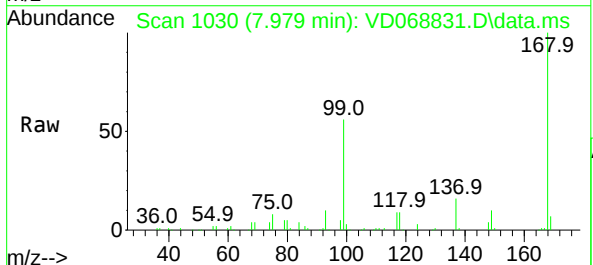
RT: 7.979 min Scan# 1030

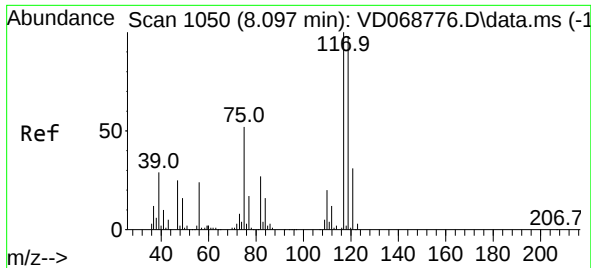
Delta R.T. -0.135 min

Lab File: VD068831.D

Acq: 12 Apr 2021 14:44

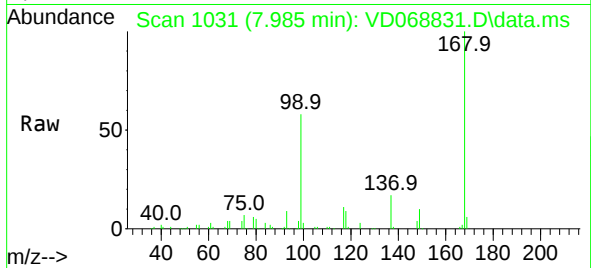
Tgt Ion:	75	Resp:	13279
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	24.7	37.1#



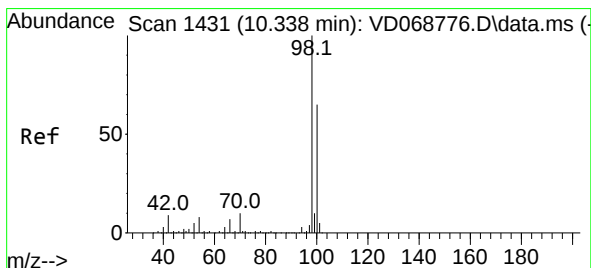
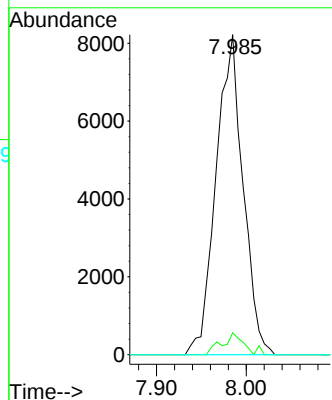
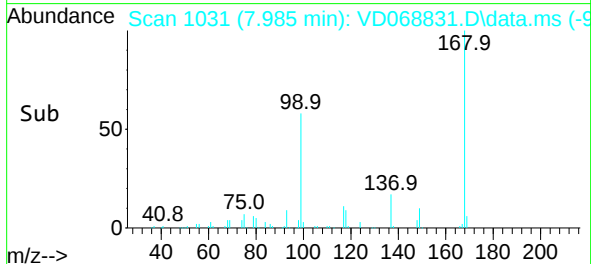


#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

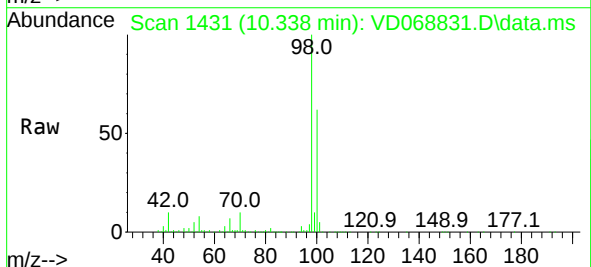
Instrument :
MSVOA_D
ClientSampled :



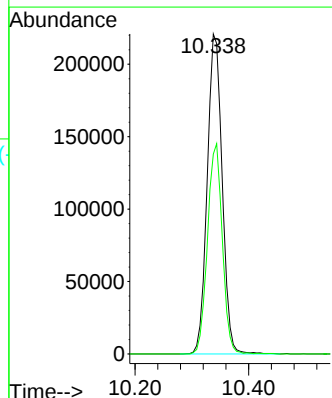
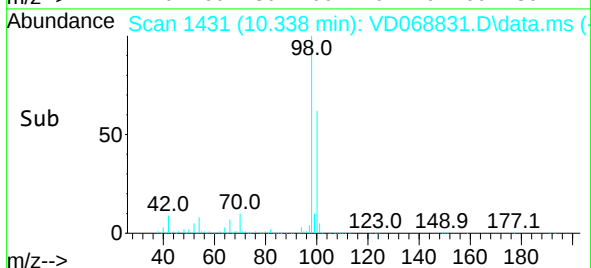
Tgt Ion:117 Resp: 17182
Ion Ratio Lower Upper
117 100
119 6.8 76.6 115.0#
121 0.0 26.1 39.1#

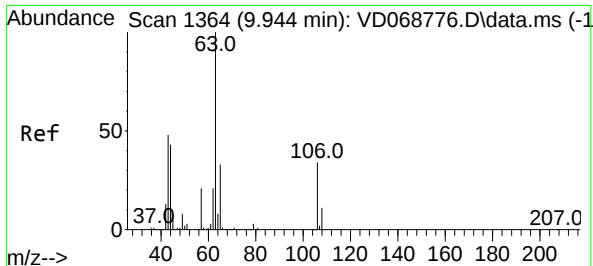


#50
Toluene-d8
Concen: 53.11 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44



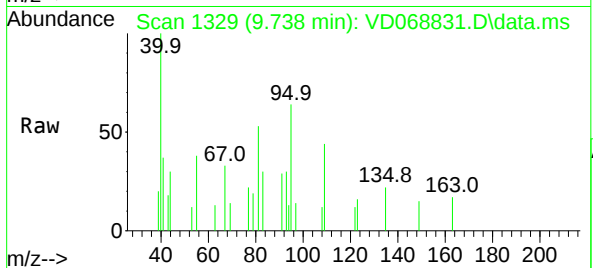
Tgt Ion: 98 Resp: 402896
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



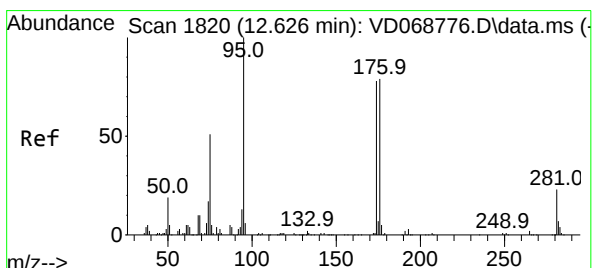
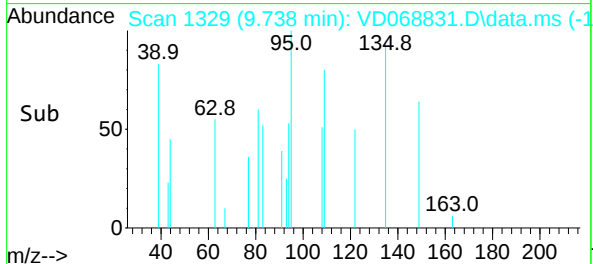
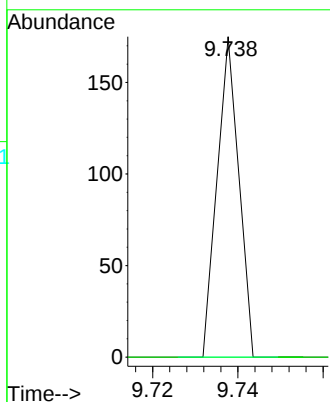


#58
2-Chloroethyl Vinyl ether
Concen: 17.05 ug/l
RT: 9.738 min Scan# 1329
Delta R.T. -0.206 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Instrument :
MSVOA_D
ClientSampled :

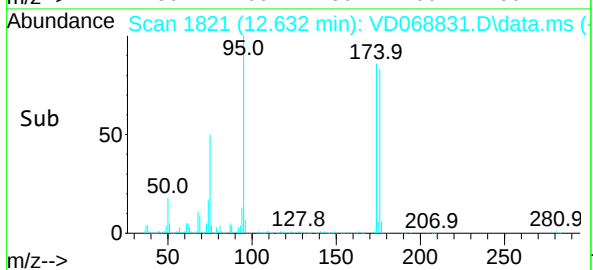
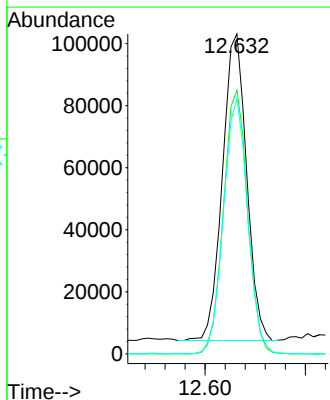
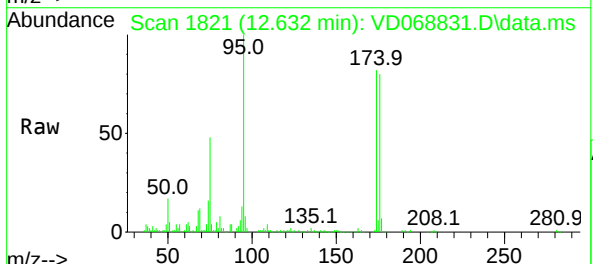


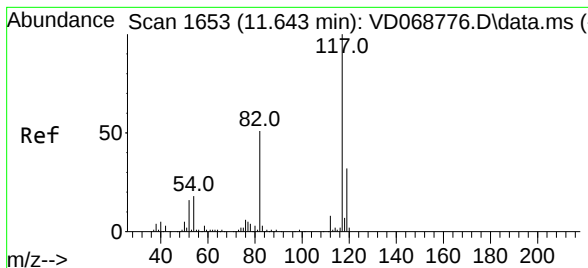
Tgt Ion: 63 Resp: 62
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 65.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion: 95 Resp: 165165
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 83.5 0.0 160.2

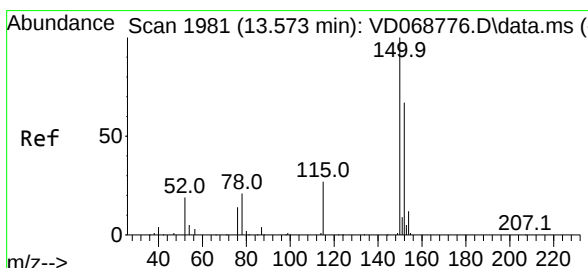
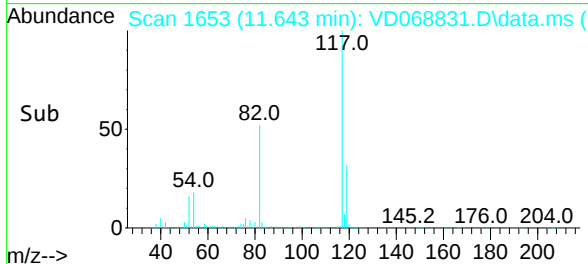
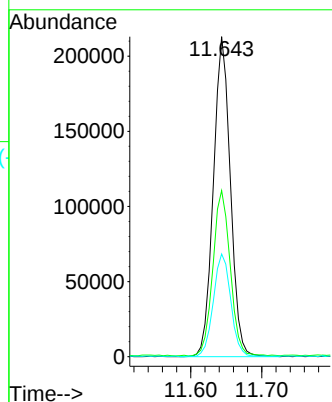
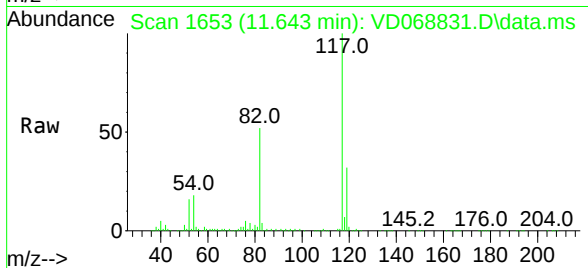




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

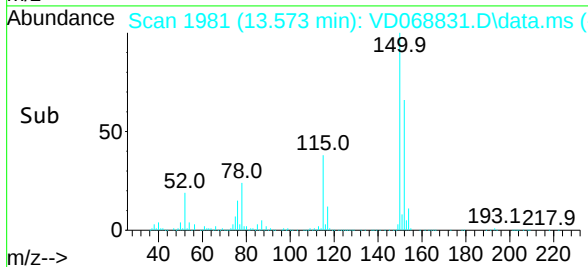
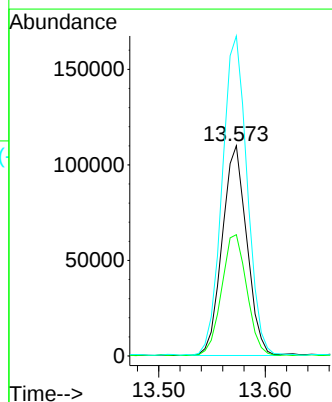
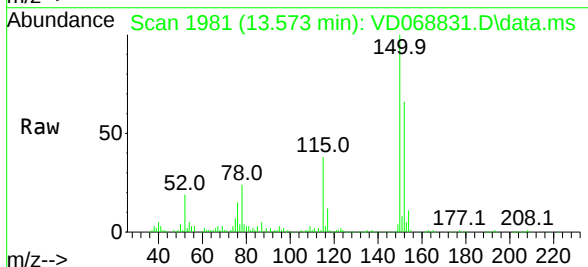
Instrument :
MSVOA_D
ClientSampleId :

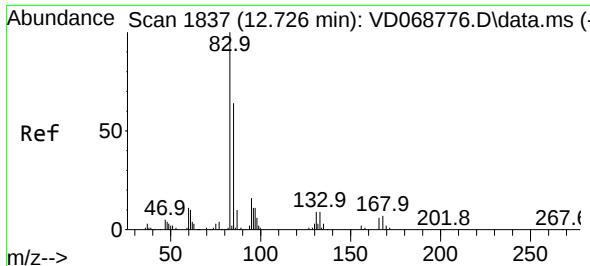
Tgt Ion:117 Resp: 353918
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion:152 Resp: 175859
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.8
150 154.4 0.0 347.6

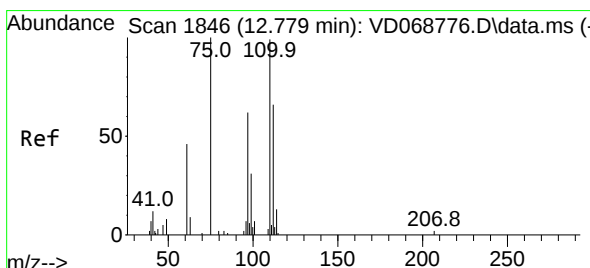
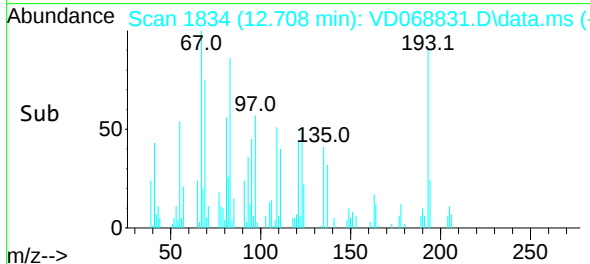
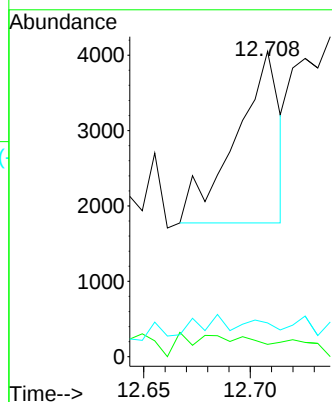
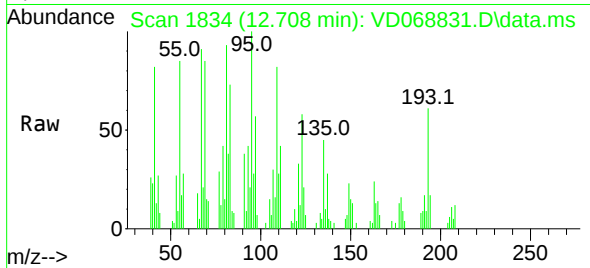




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.35 ug/l
 RT: 12.708 min Scan# 1834
 Delta R.T. -0.018 min
 Lab File: VD068831.D
 Acq: 12 Apr 2021 14:44

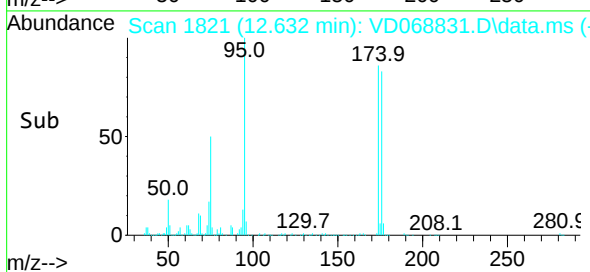
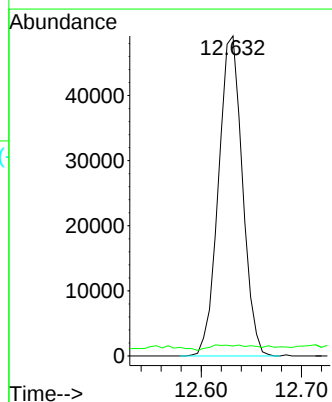
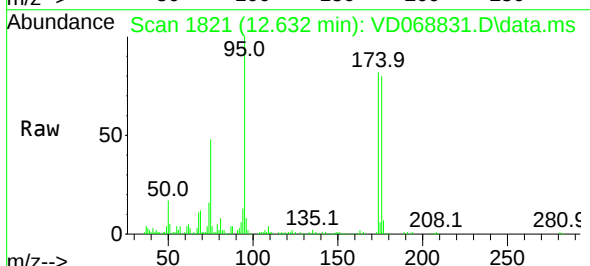
Instrument :
 MSVOA_D
 ClientSampleId :

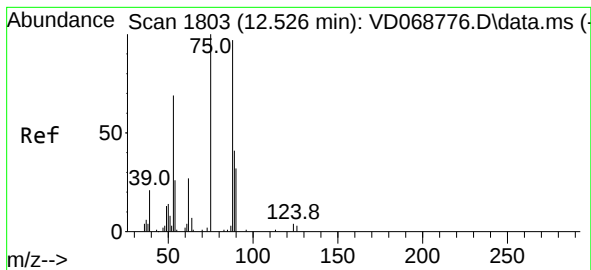
Tgt Ion: 83 Resp: 3243
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 50.70 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068831.D
 Acq: 12 Apr 2021 14:44

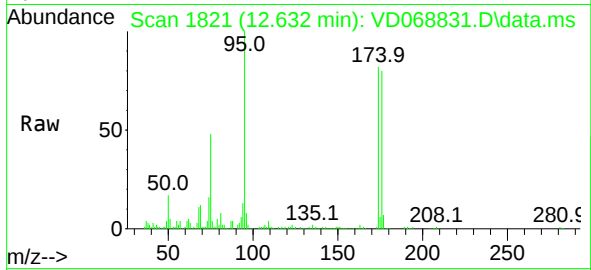
Tgt Ion: 75 Resp: 81446
 Ion Ratio Lower Upper
 75 100
 77 3.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.65 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068831.D
 Acq: 12 Apr 2021 14:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 81446

Ion	Ratio	Lower	Upper
75	100		
53	0.6	66.8	100.2#
89	0.0	36.6	54.8#

