

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069356.D
 Acq On : 04 Jun 2021 20:06
 Operator : VA/SY
 Sample : M2601-01
 Misc : 7.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

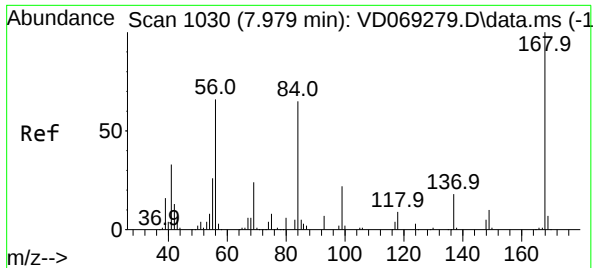
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236

Quant Time: Jun 05 00:38:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	307994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	542235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	510847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	164600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181783	61.512	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.020%			
35) Dibromofluoromethane	7.914	113	195027	57.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.540%			
50) Toluene-d8	10.337	98	662985	53.543	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.080%			
62) 4-Bromofluorobenzene	12.626	95	202971	50.026	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.060%			
Target Compounds						
11) Tert butyl alcohol	5.220	59	303	Below Cal	#	73
16) Acetone	4.167	43	2376	4.607	ug/l #	40
20) Methylene Chloride	4.955	84	23287	Below Cal		91
31) Cyclohexane	7.985	56	7292	1.553	ug/l #	51
36) 1,1-Dichloropropene	7.979	75	23731	4.503	ug/l #	49
38) Carbon Tetrachloride	7.979	117	31075	5.461	ug/l #	15
51) 4-Methyl-2-Pentanone	10.337	43	2825	1.679	ug/l #	1
56) Ethyl methacrylate	10.667	69	197	2.694	ug/l #	81
76) 1,2,3-Trichloropropane	12.631	75	103101	72.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.631	75	103101	159.760	ug/l #	19
85) sec-Butylbenzene	13.396	105	11926	1.011	ug/l	96
95) Naphthalene	15.390	128	4840	4.107	ug/l #	69

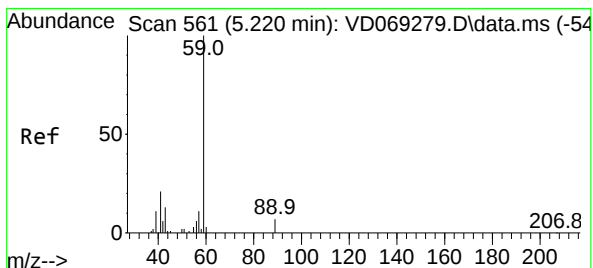
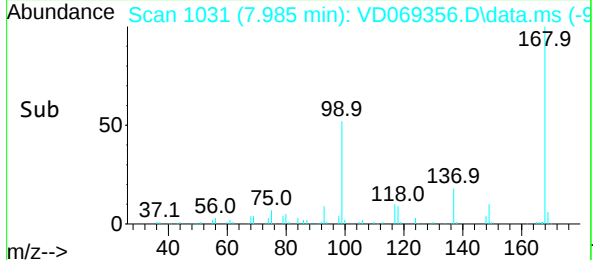
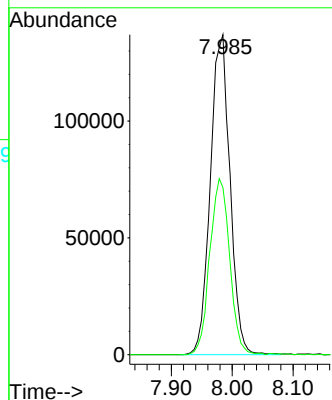
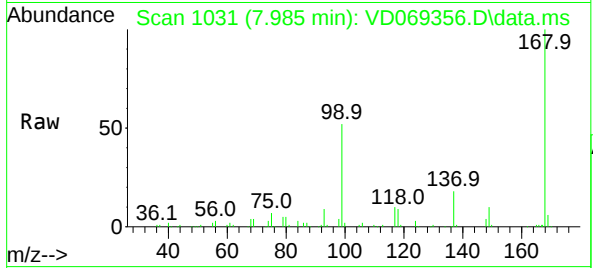
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

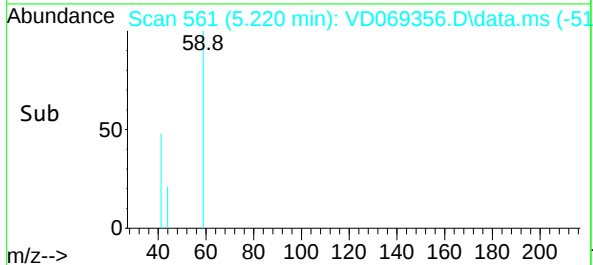
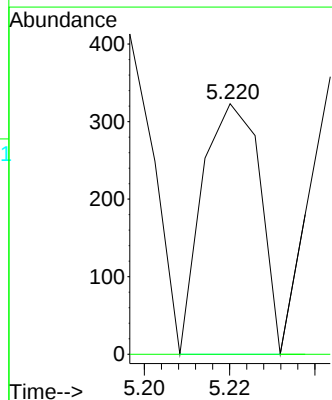
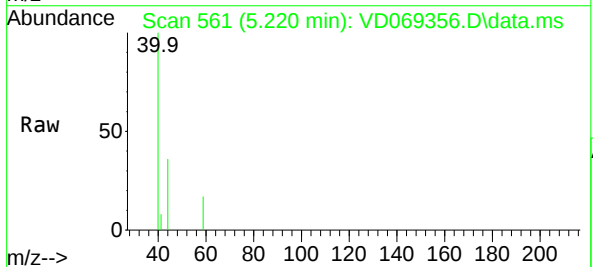
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

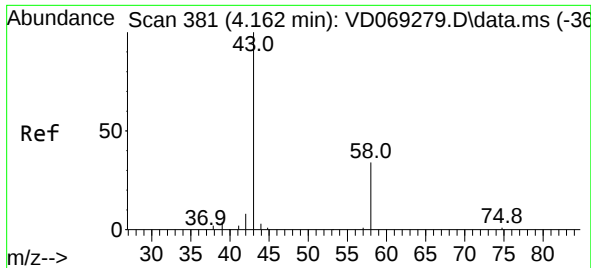
Tgt Ion:168 Resp: 307994
Ion Ratio Lower Upper
168 100
99 52.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

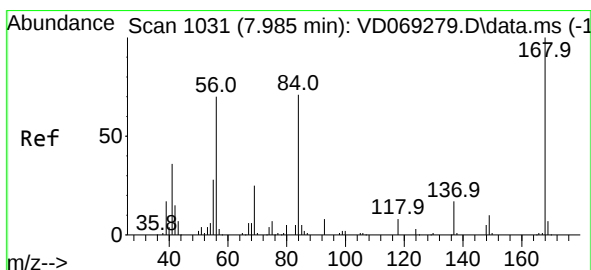
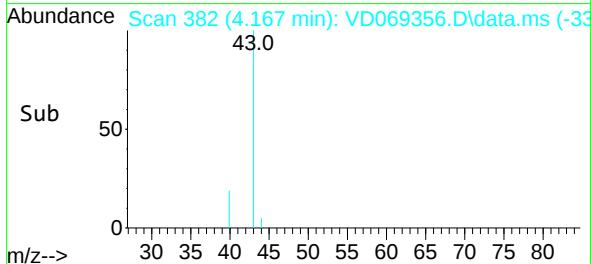
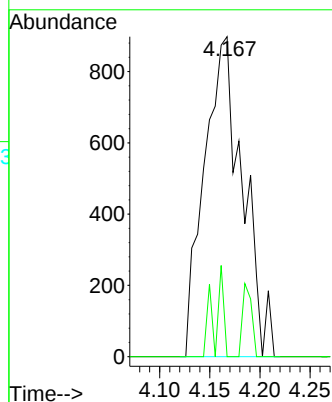
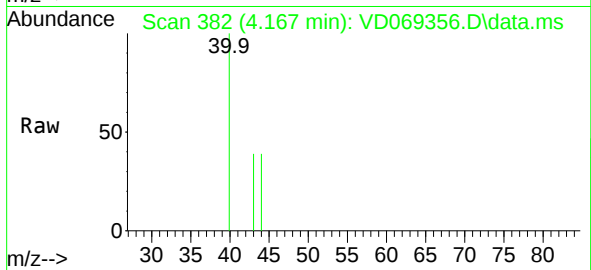




#16
Acetone
Concen: 4.607 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

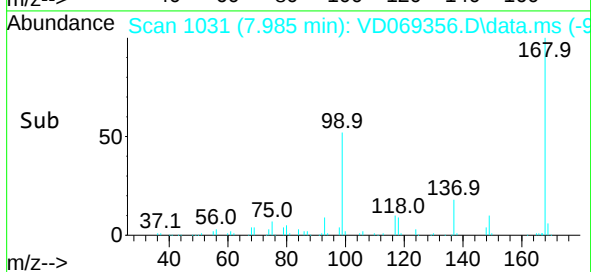
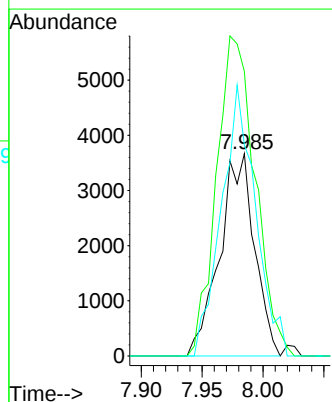
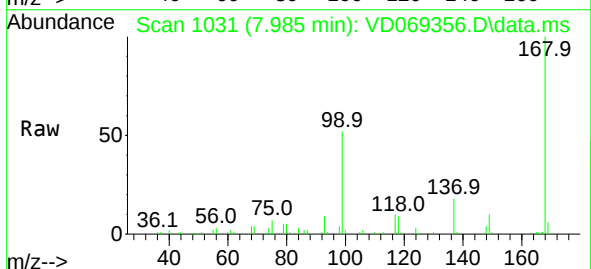
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

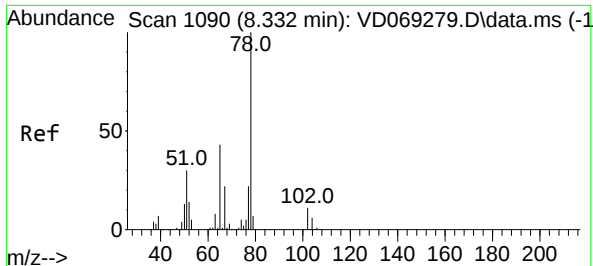
Tgt Ion: 43 Resp: 2376
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#31
Cyclohexane
Concen: 1.553 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Tgt Ion: 56 Resp: 7292
Ion Ratio Lower Upper
56 100
69 140.8 29.0 43.4#
84 104.3 81.1 121.7

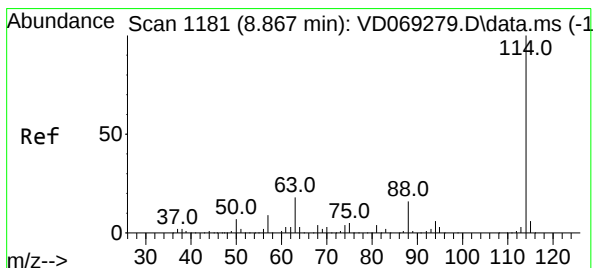
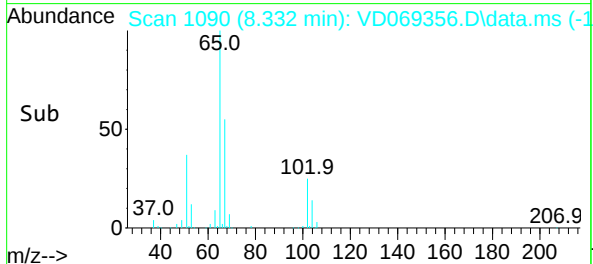
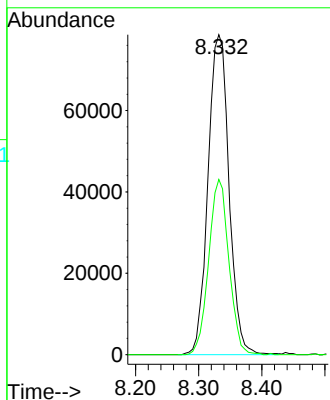
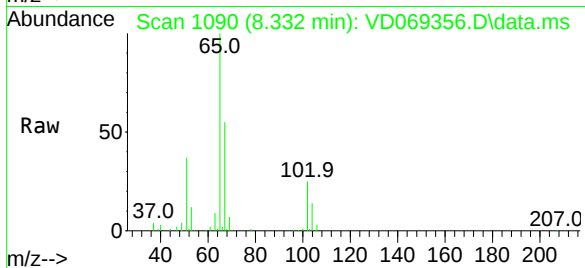




#33
1,2-Dichloroethane-d4
Concen: 61.512 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

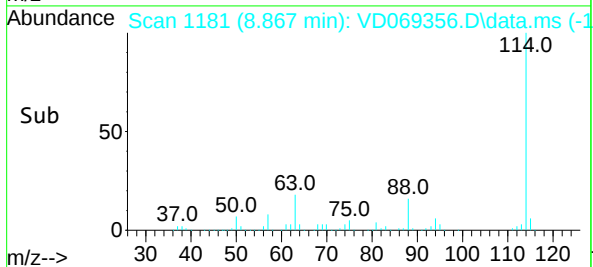
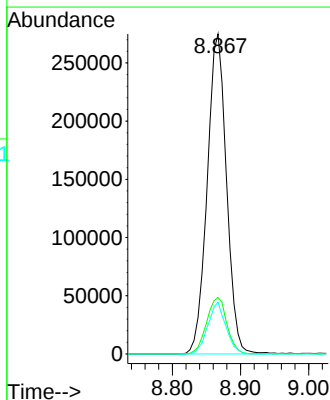
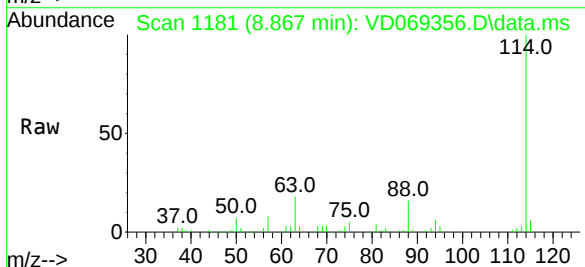
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

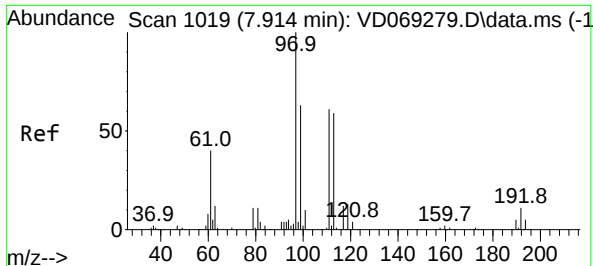
Tgt Ion: 65 Resp: 181783
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Tgt Ion: 114 Resp: 542235
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.6
88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 57.275 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069356.D

Acq: 04 Jun 2021 20:06

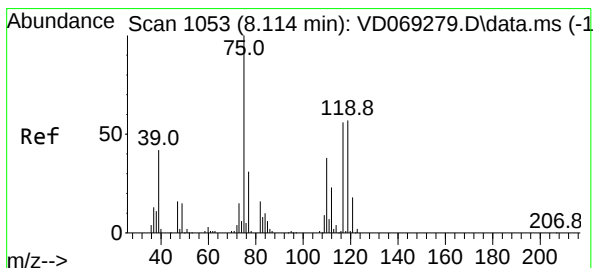
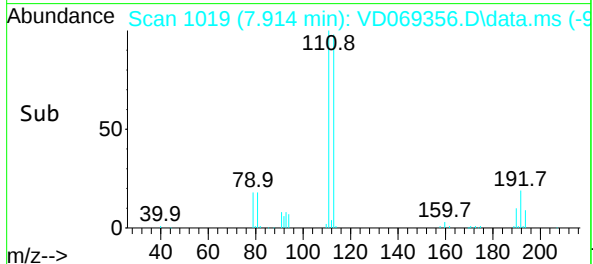
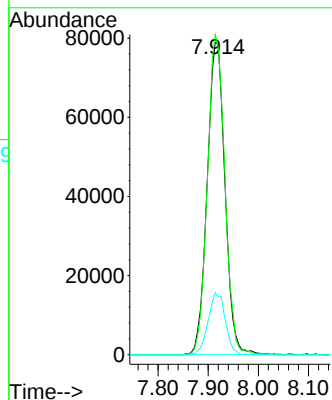
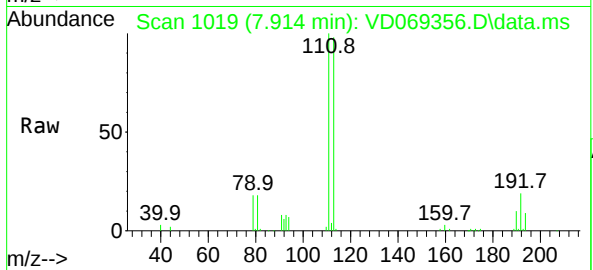
Tgt Ion:113 Resp: 195027

Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.6

192 19.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.136 min

Lab File: VD069356.D

Acq: 04 Jun 2021 20:06

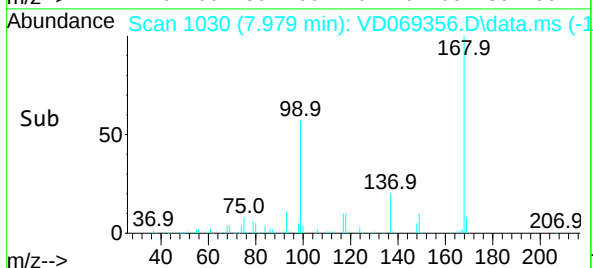
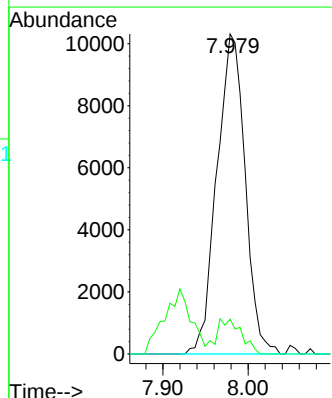
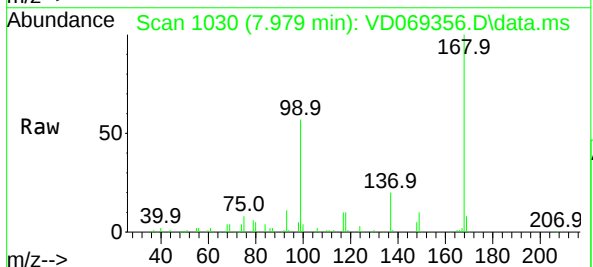
Tgt Ion: 75 Resp: 23731

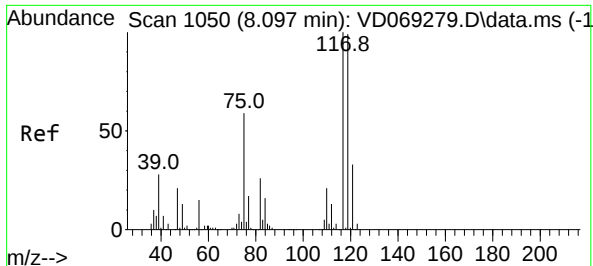
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.2#

77 0.0 24.9 37.3#

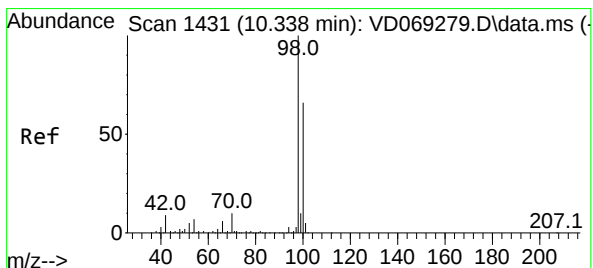
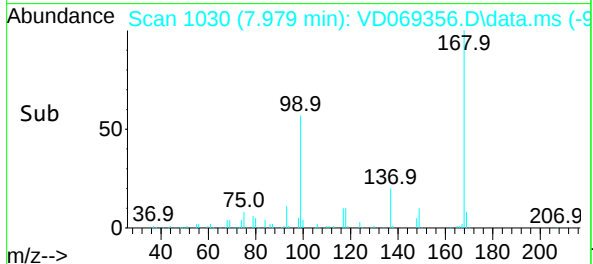
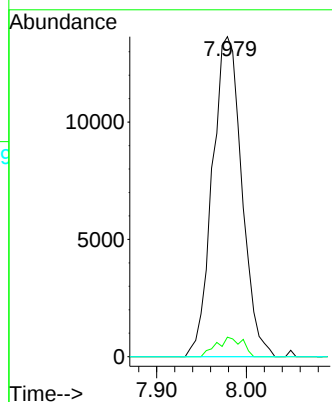
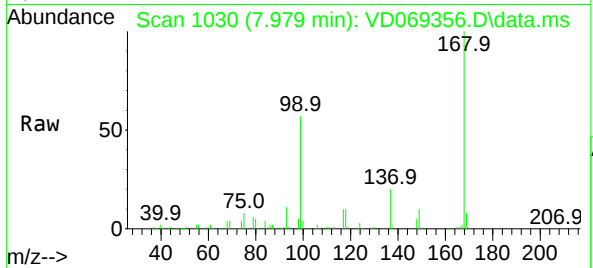




#38
Carbon Tetrachloride
Concen: 5.461 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

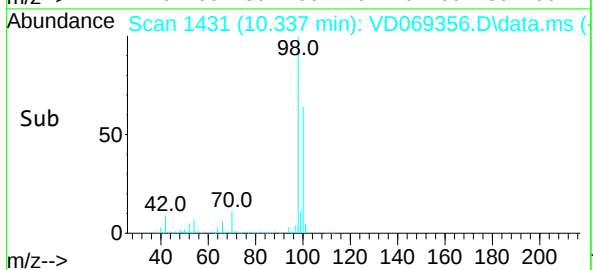
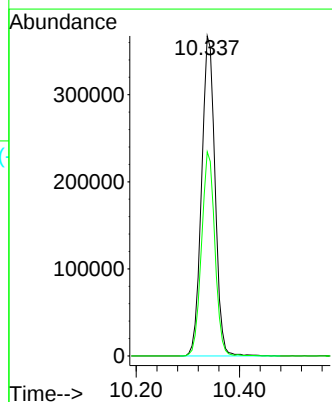
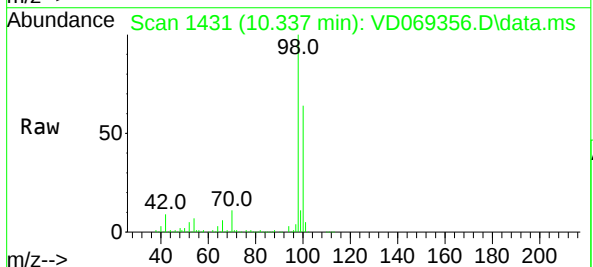
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

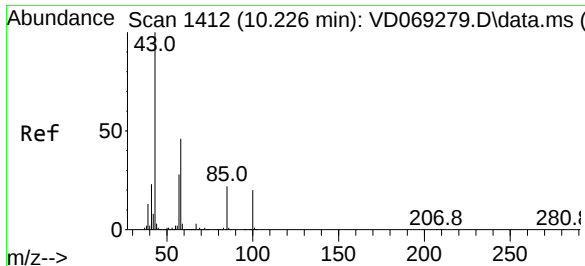
Tgt Ion:117 Resp: 31075
Ion Ratio Lower Upper
117 100
119 6.1 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.543 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Tgt Ion: 98 Resp: 662985
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

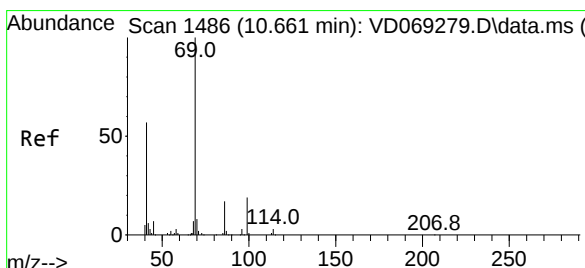
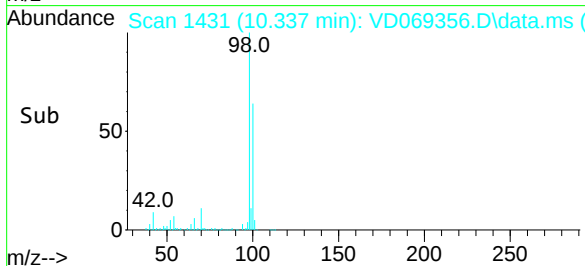
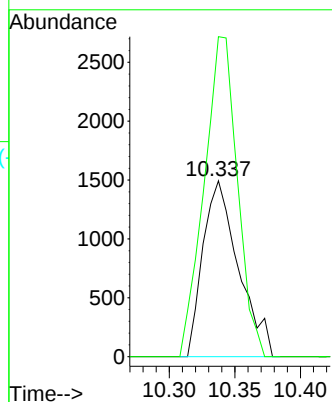
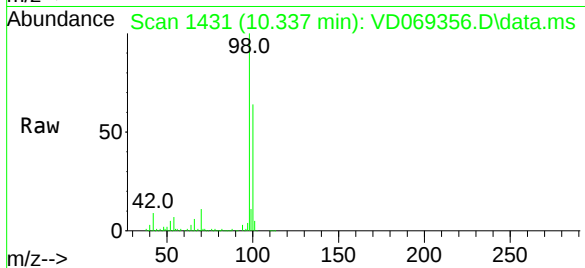




#51
4-Methyl-2-Pentanone
Concen: 1.679 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.111 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

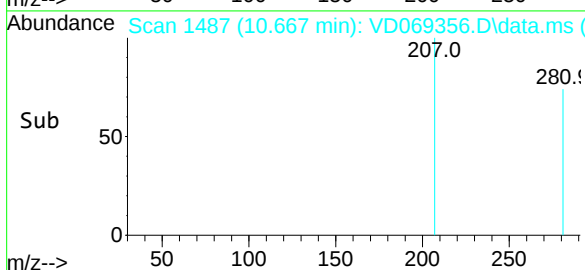
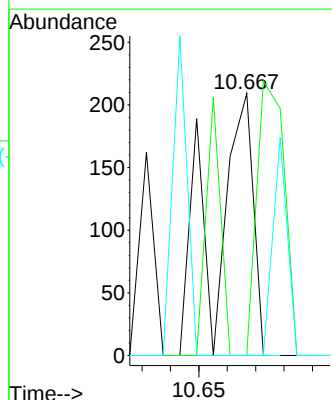
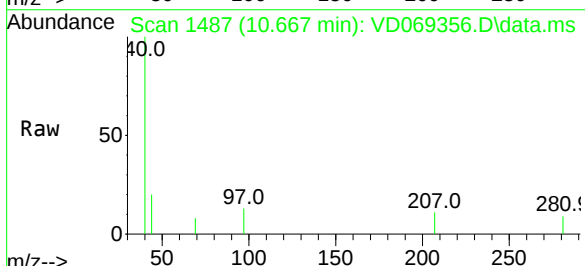
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

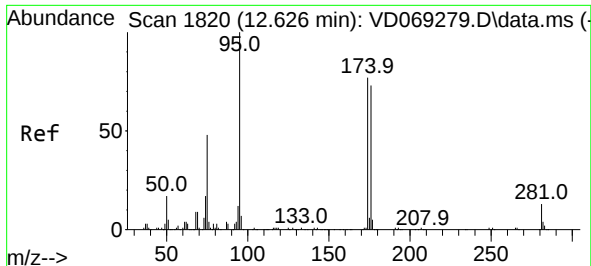
Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
58 169.9 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.694 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Tgt Ion: 69 Resp: 197
Ion Ratio Lower Upper
69 100
41 74.6 45.4 68.2#
39 31.0 21.7 32.5

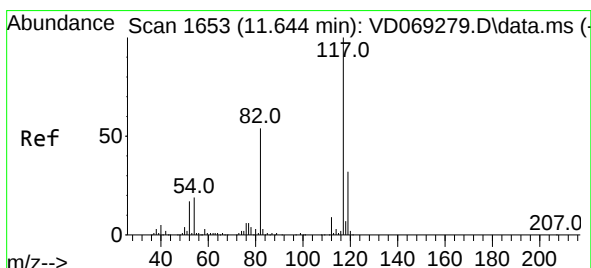
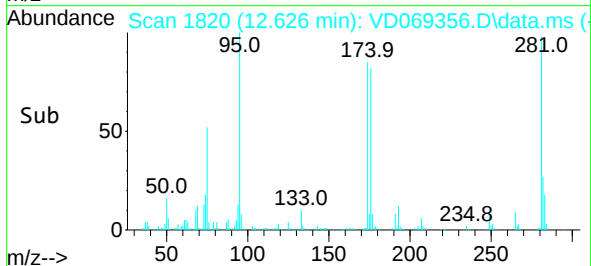
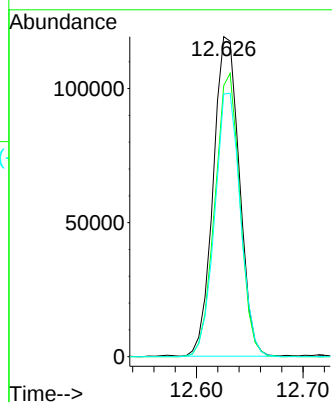
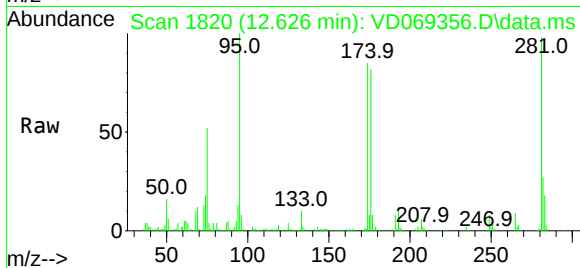




#62
4-Bromofluorobenzene
Concen: 50.026 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

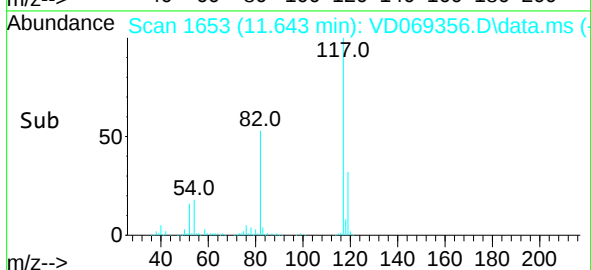
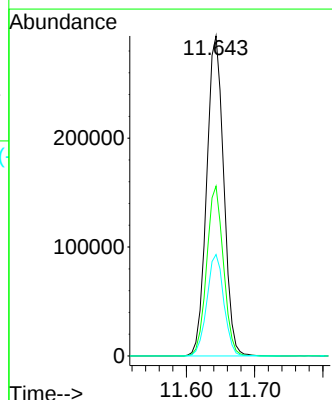
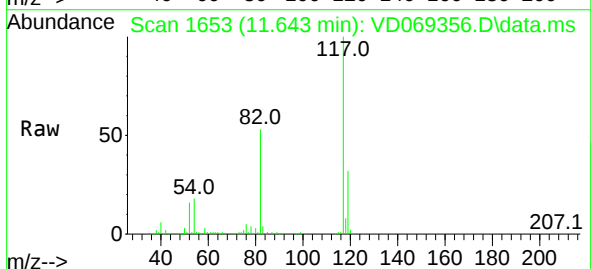
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

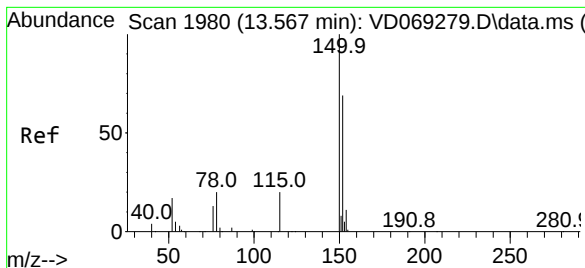
Tgt Ion: 95 Resp: 202971
Ion Ratio Lower Upper
95 100
174 84.7 0.0 162.8
176 81.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Tgt Ion: 117 Resp: 510847
Ion Ratio Lower Upper
117 100
82 53.1 43.3 64.9
119 31.7 25.3 37.9

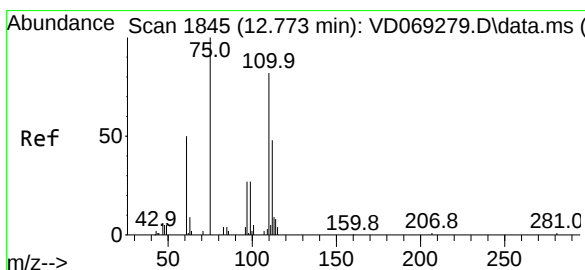
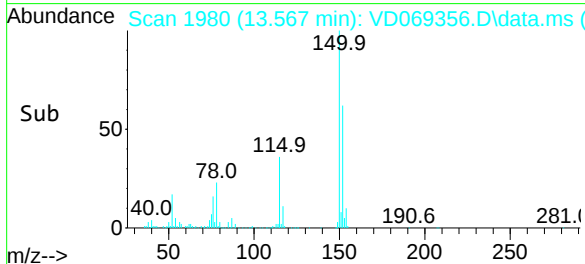
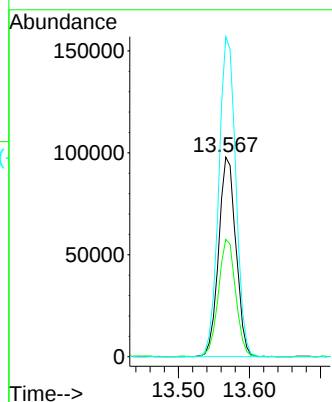
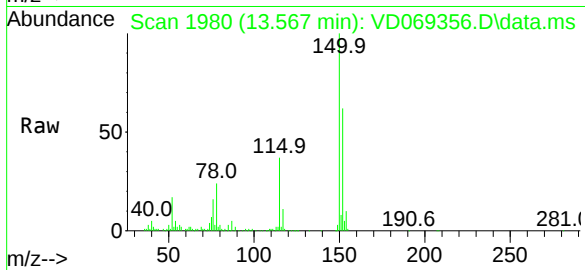




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

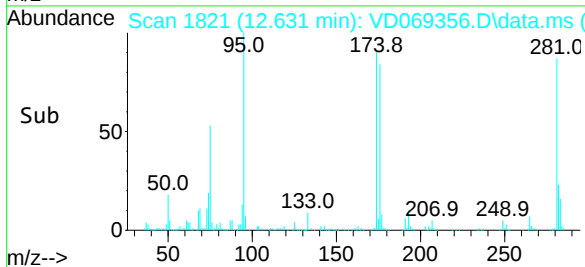
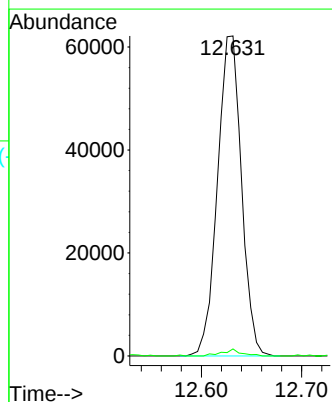
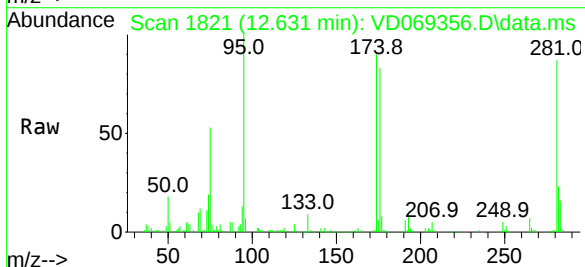
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

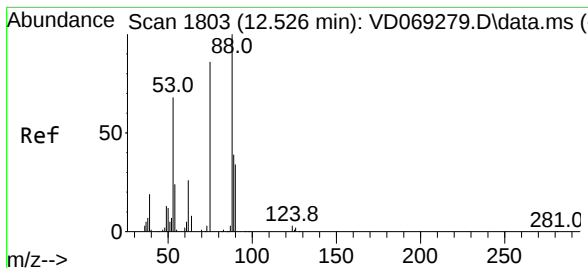
Tgt Ion:152 Resp: 164600
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.3
150 158.2 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 72.094 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

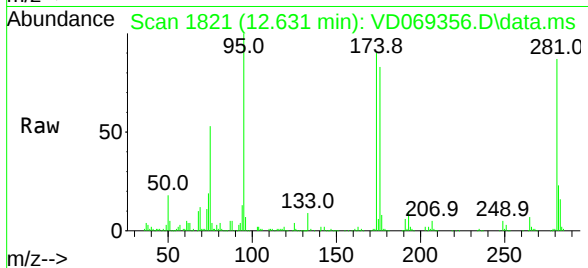
Tgt Ion: 75 Resp: 103101
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#



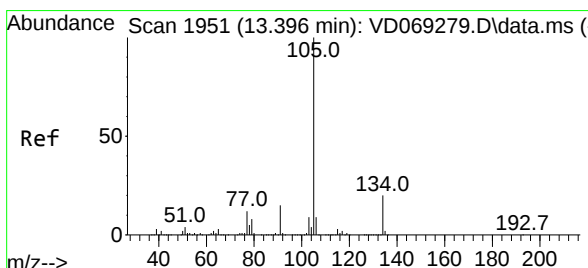
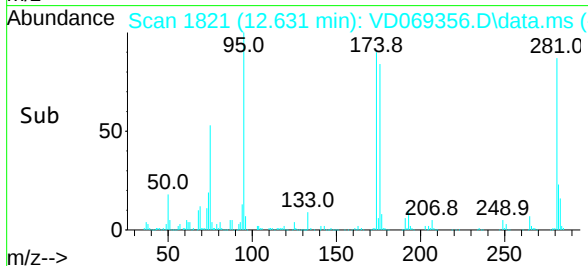
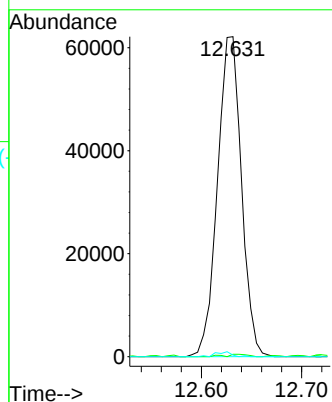


#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.760 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069356.D
 Acq: 04 Jun 2021 20:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236

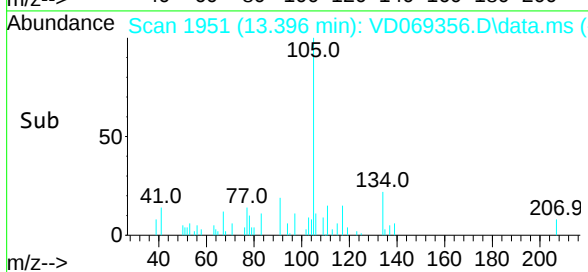
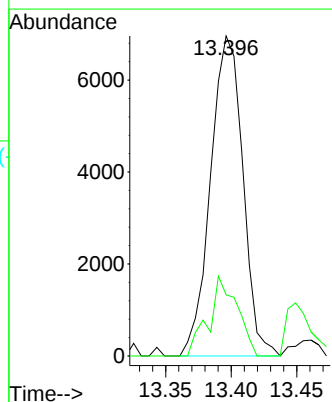
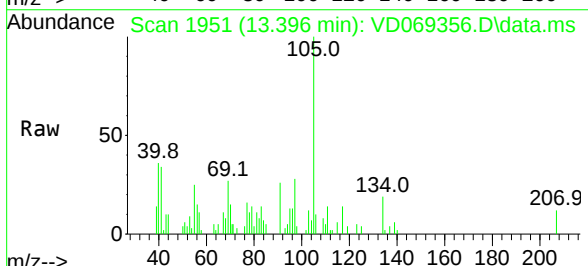


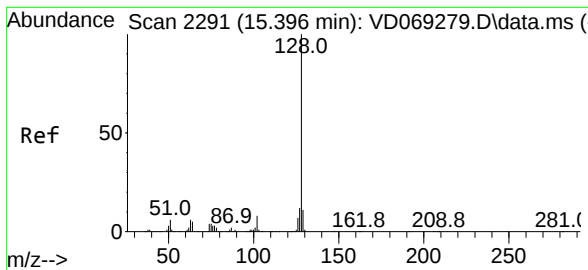
Tgt Ion: 75 Resp: 103101
 Ion Ratio Lower Upper
 75 100
 53 0.7 62.6 94.0#
 89 1.0 35.6 53.4#



#85
 sec-Butylbenzene
 Concen: 1.011 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD069356.D
 Acq: 04 Jun 2021 20:06

Tgt Ion: 105 Resp: 11926
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.1 30.3





#95
Naphthalene
Concen: 4.107 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069356.D
Acq: 04 Jun 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion:128 Resp: 4840
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

