

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
 Data File : VD068575.D
 Acq On : 09 Mar 2021 14:41
 Operator : VA/SY
 Sample : M1608-01
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 10 00:01:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

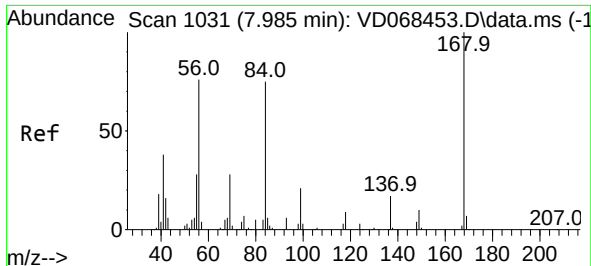
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	333126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	599543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	573323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	262344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175171	52.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.26%			
35) Dibromofluoromethane	7.909	113	183864	50.91	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.82%			
50) Toluene-d8	10.338	98	749904	52.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.26%			
62) 4-Bromofluorobenzene	12.632	95	246828	53.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.48%			
Target Compounds						
						Qvalue
10) Methyl Iodide	4.303	142	60	2.63	ug/l #	38
16) Acetone	4.150	43	1246	2.36	ug/l #	72
20) Methylene Chloride	4.968	84	2173	Below Cal	#	93
31) Cyclohexane	7.973	56	7647	1.26	ug/l #	23
36) 1,1-Dichloropropene	7.973	75	25661	4.50	ug/l #	48
38) Carbon Tetrachloride	7.979	117	32842	6.13	ug/l #	16
71) Bromoform	12.632	173	2185	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	127186	54.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	127186	127.44	ug/l #	14

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

Quant Time: Mar 10 00:01:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

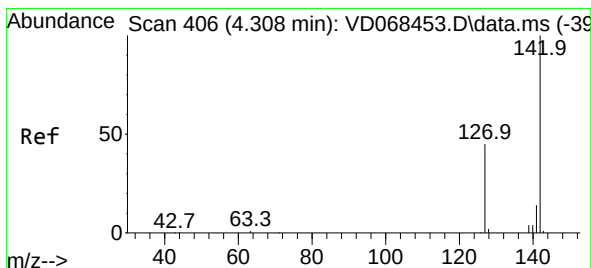
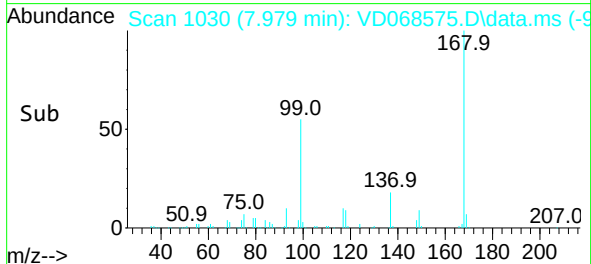
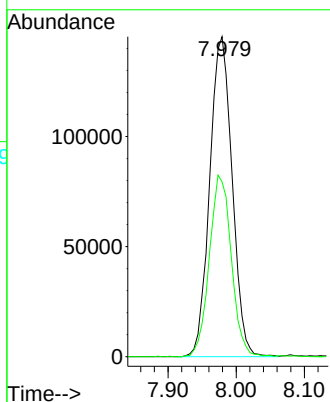
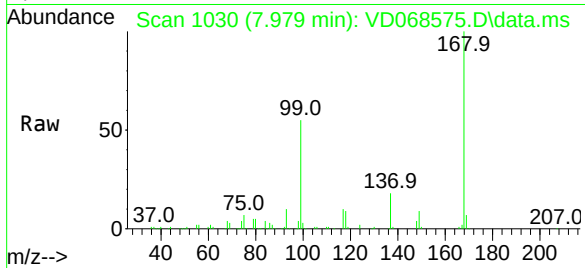




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

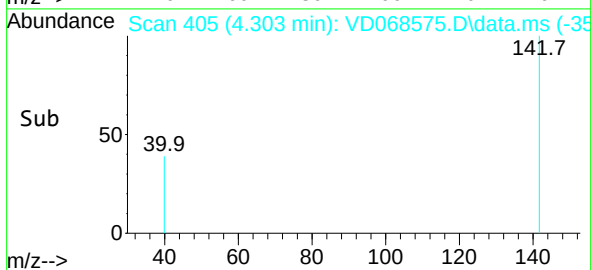
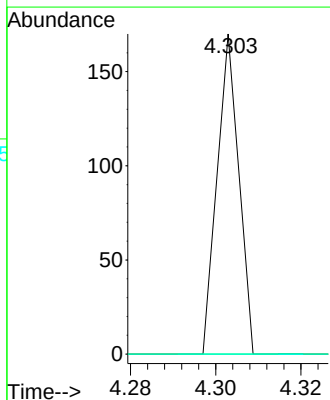
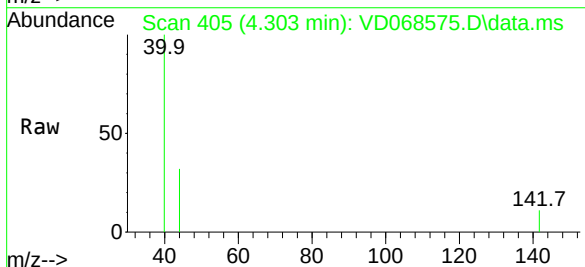
Instrument :
MSVOA_D
ClientSampleId :

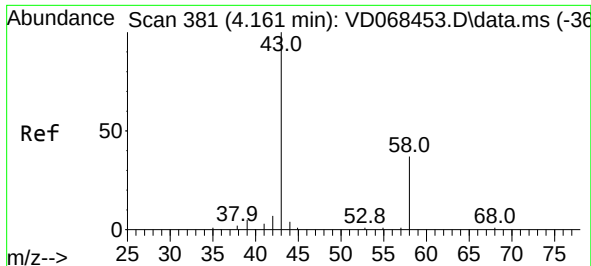
Tgt Ion:168 Resp: 333126
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

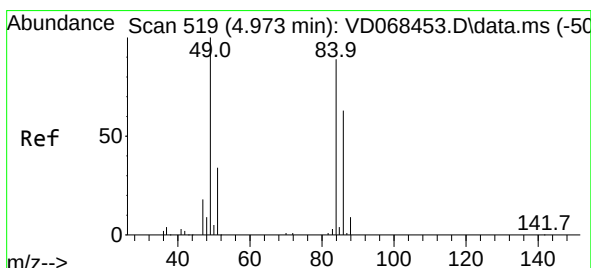
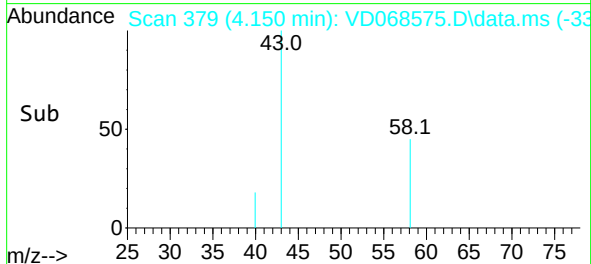
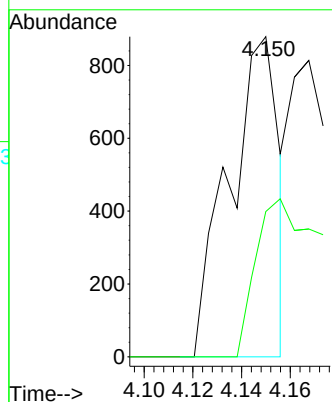
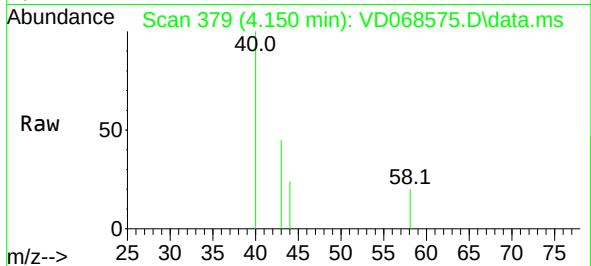




#16
Acetone
Concen: 2.36 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

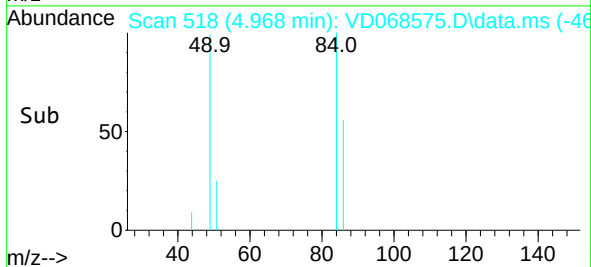
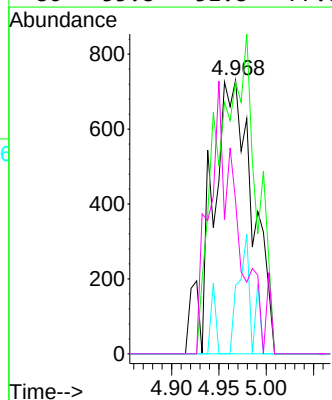
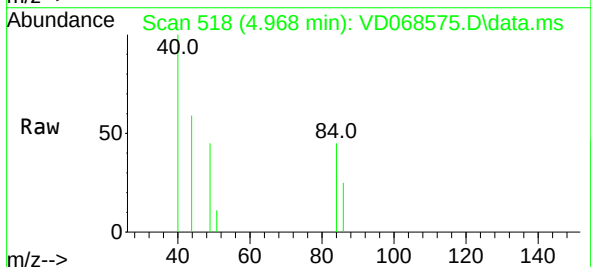
Instrument :
MSVOA_D
ClientSampleId :

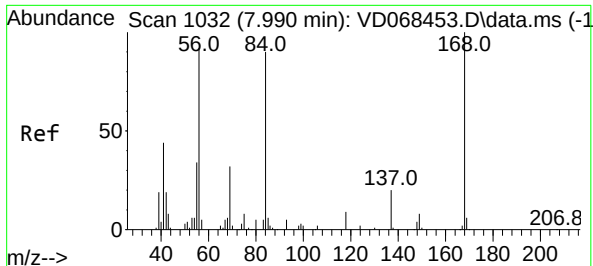
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 45.4 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

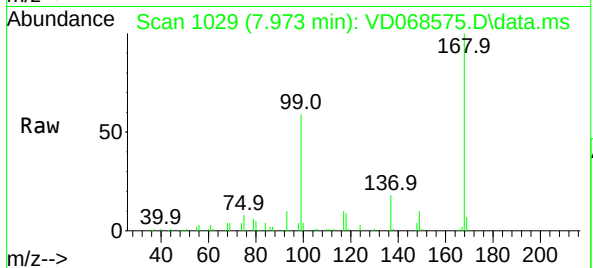
Tgt Ion: 84 Resp: 2173
Ion Ratio Lower Upper
84 100
49 99.3 77.4 116.2
51 24.9 26.1 39.1#
86 55.8 51.8 77.8



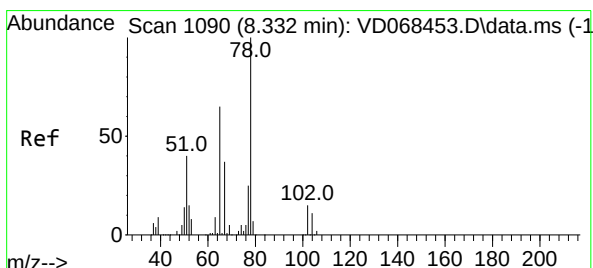
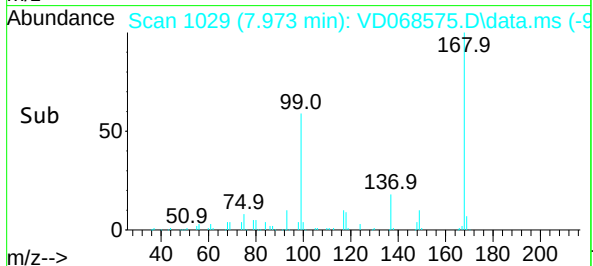
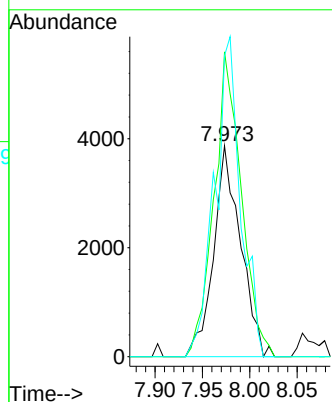


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :

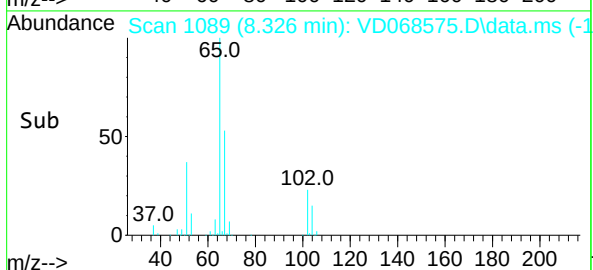
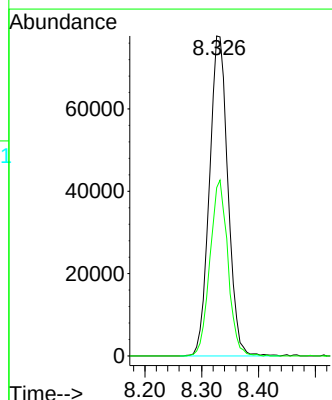
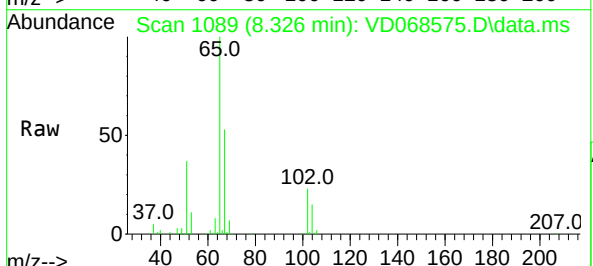


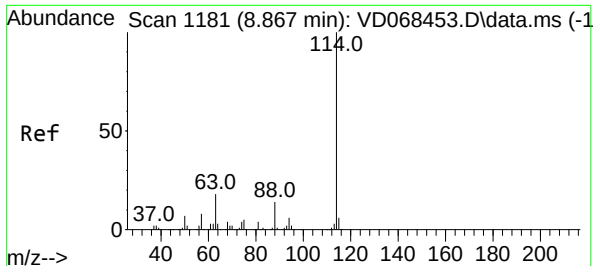
Tgt Ion: 56 Resp: 7647
Ion Ratio Lower Upper
56 100
69 144.5 30.1 45.1#
84 142.7 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.63 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion: 65 Resp: 175171
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



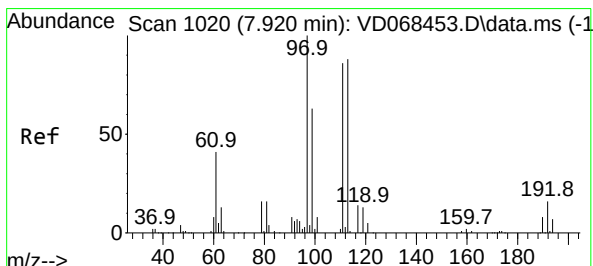
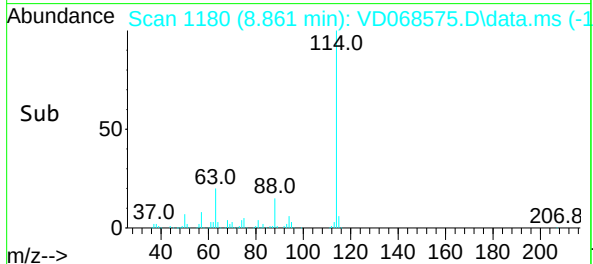
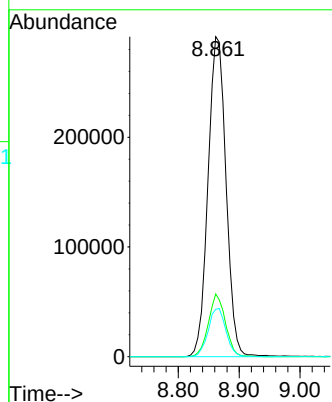
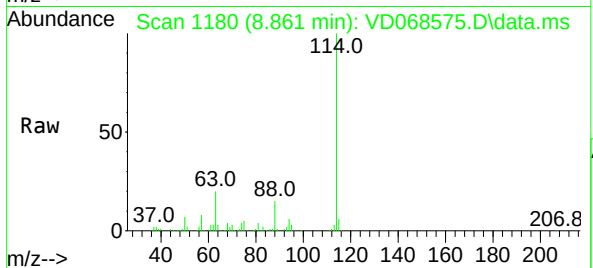


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :

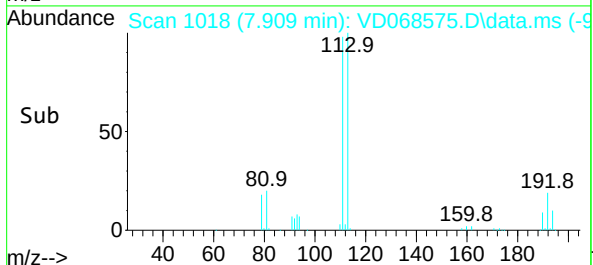
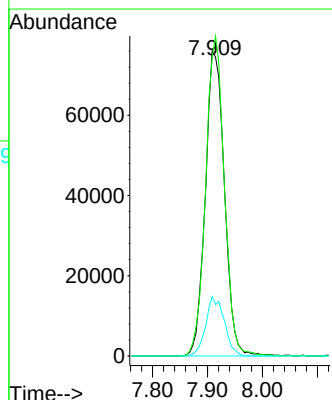
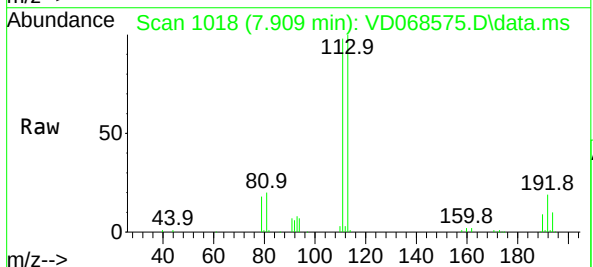
Tgt Ion:114 Resp: 599543
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 14.8 0.0 31.6

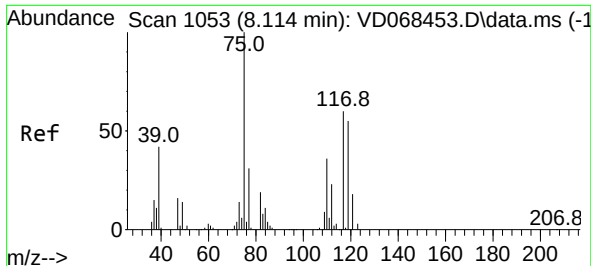


#35

Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion:113 Resp: 183864
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.9 16.1 24.1

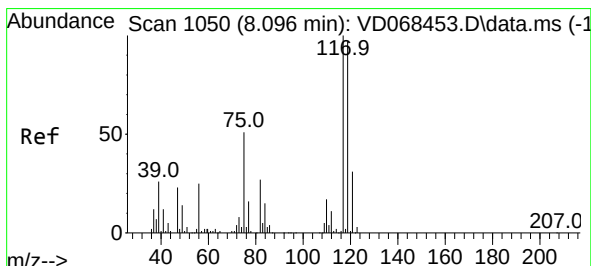
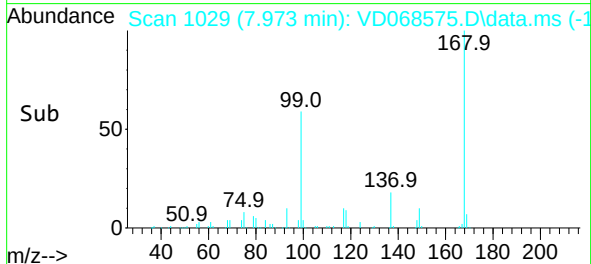
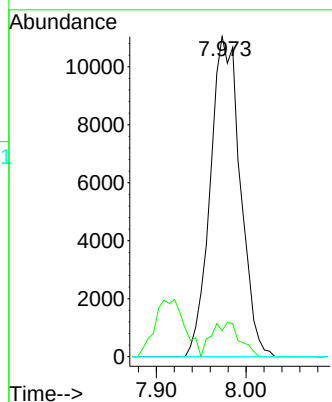
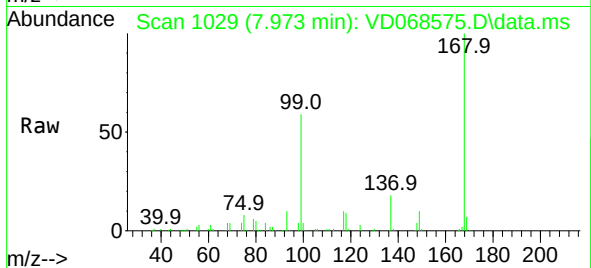




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

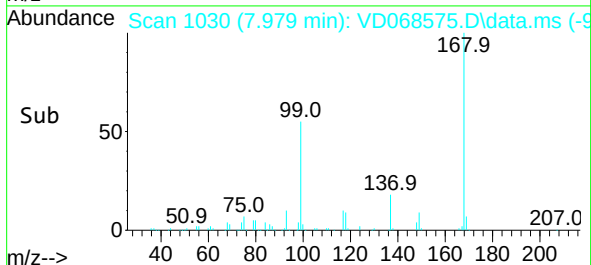
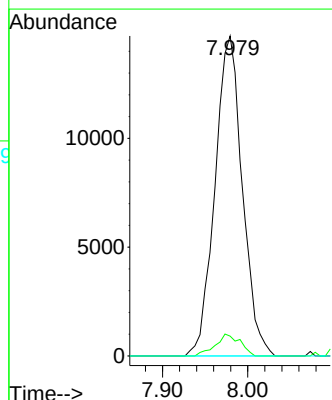
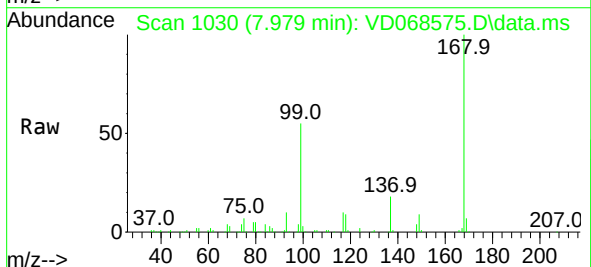
Instrument :
MSVOA_D
ClientSampled :

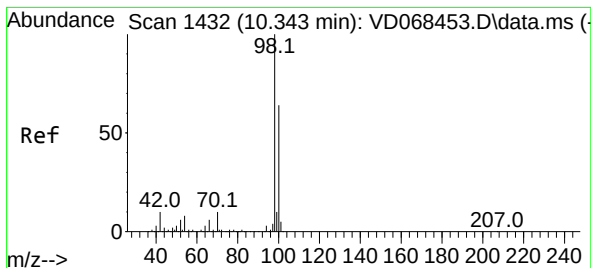
Tgt Ion: 75 Resp: 25661
Ion Ratio Lower Upper
75 100
110 10.1 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion: 117 Resp: 32842
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.7 37.1#

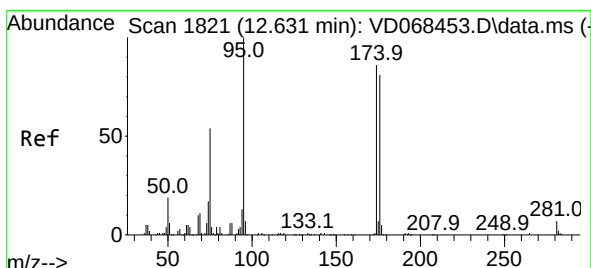
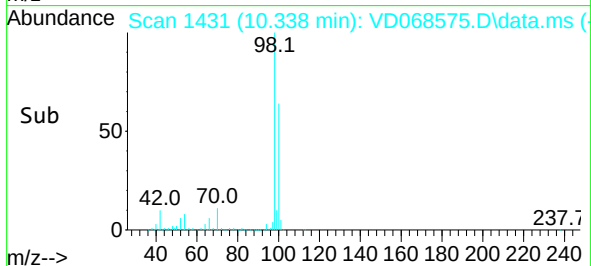
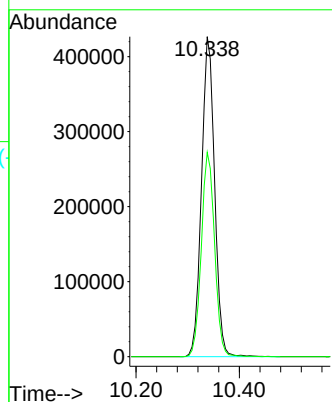
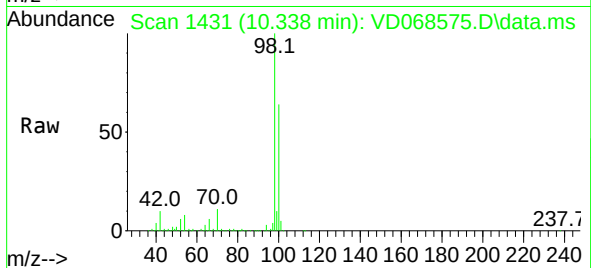




#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

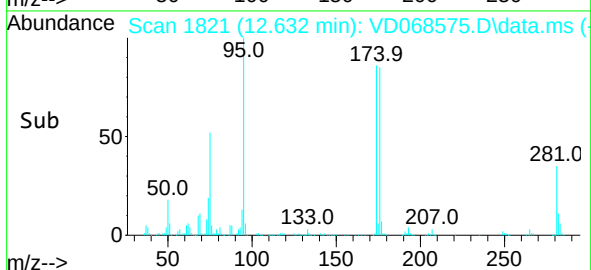
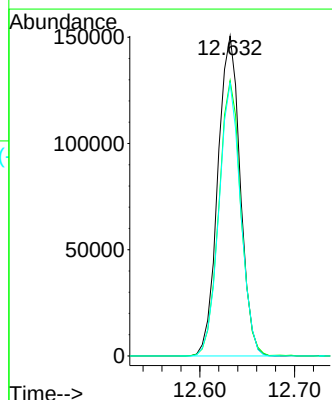
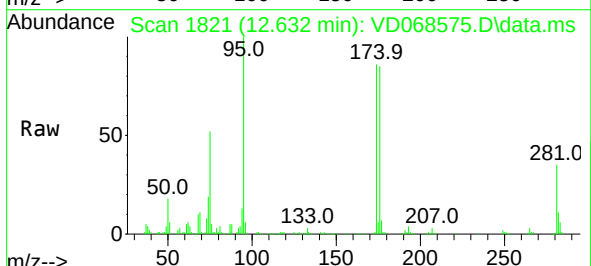
Instrument :
MSVOA_D
ClientSampleId :

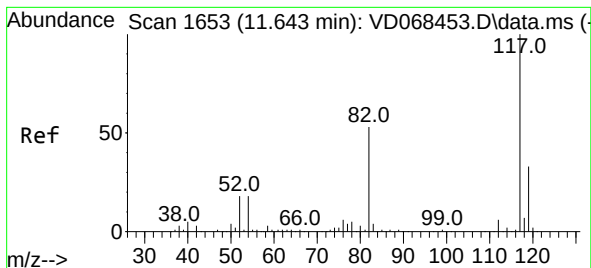
Tgt Ion: 98 Resp: 749904
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion: 95 Resp: 246828
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 82.8 0.0 168.4

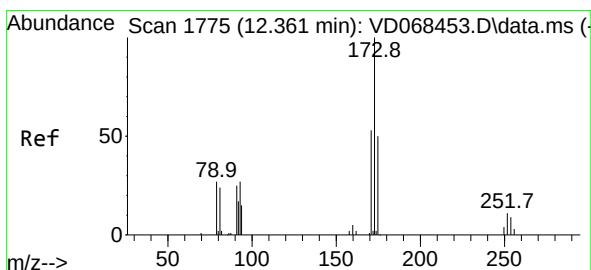
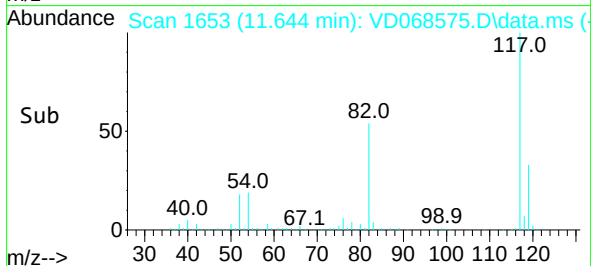
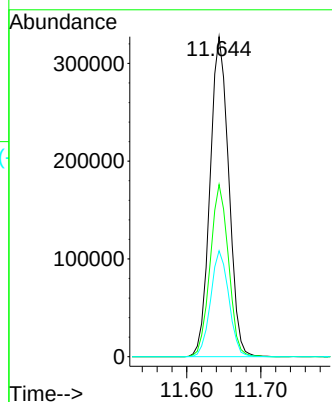
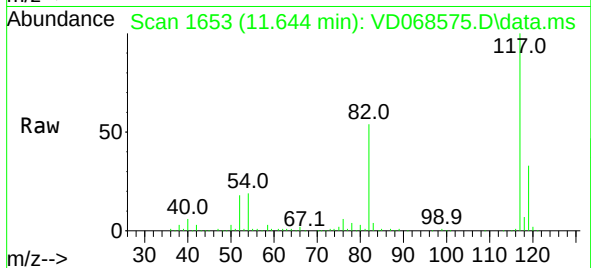




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

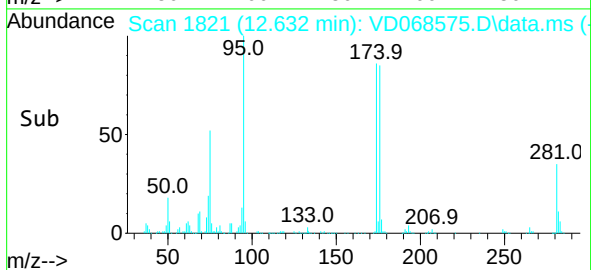
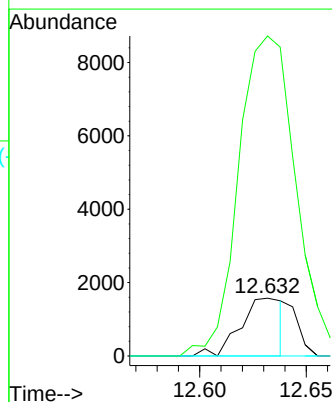
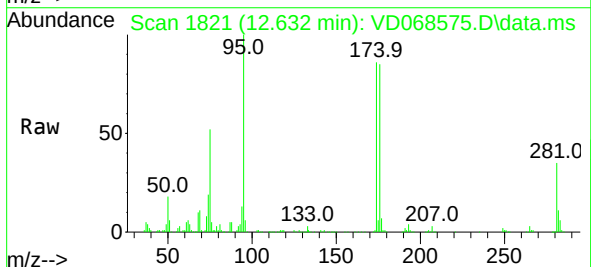
Instrument :
MSVOA_D
ClientSampleId :

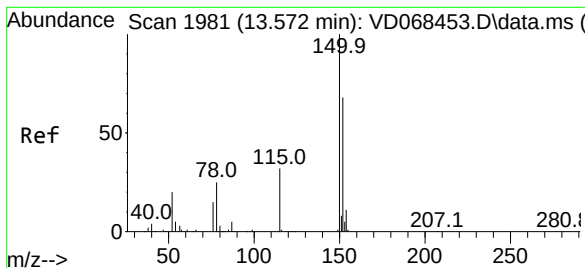
Tgt Ion:117 Resp: 573323
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 33.1 26.1 39.1



#71
Bromoform
Concen: 1.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

Tgt Ion:173 Resp: 2185
Ion Ratio Lower Upper
173 100
175 578.4 24.6 73.8#
254 0.0 0.0 0.0

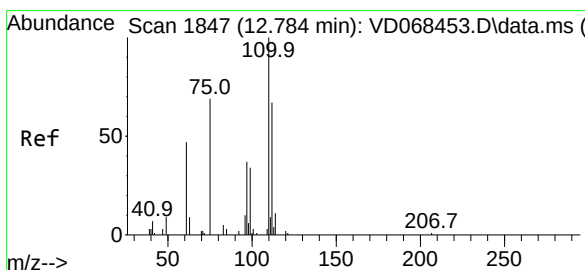
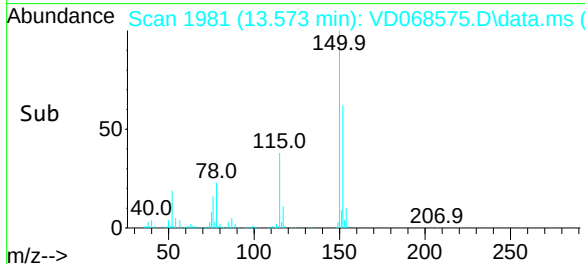
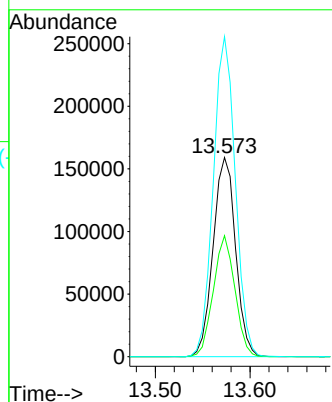
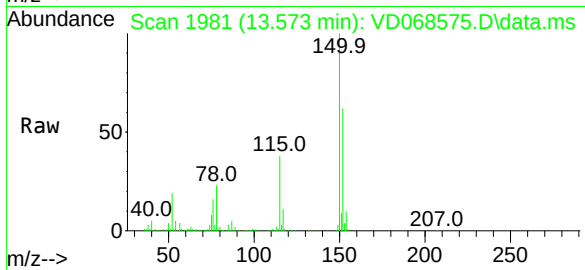




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

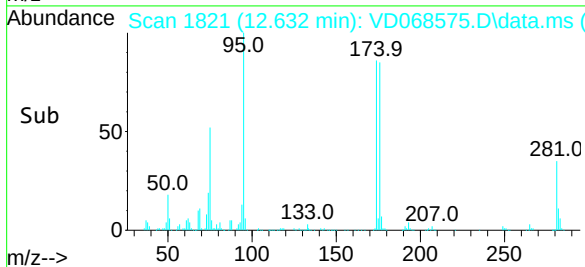
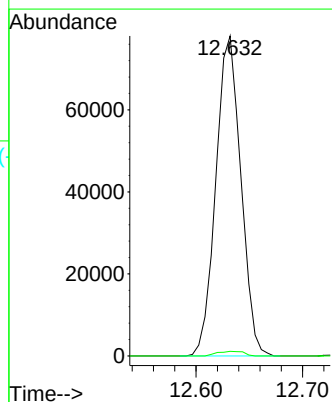
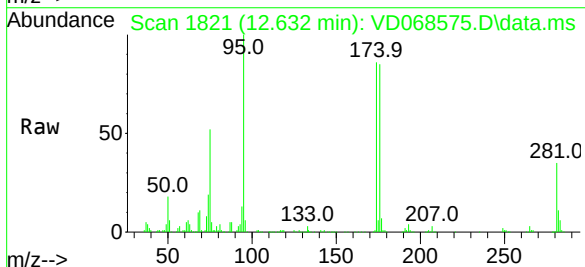
Instrument :
MSVOA_D
ClientSampleId :

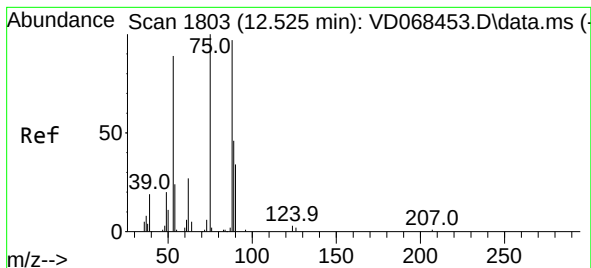
Tgt Ion:152 Resp: 262344
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 157.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068575.D
Acq: 09 Mar 2021 14:41

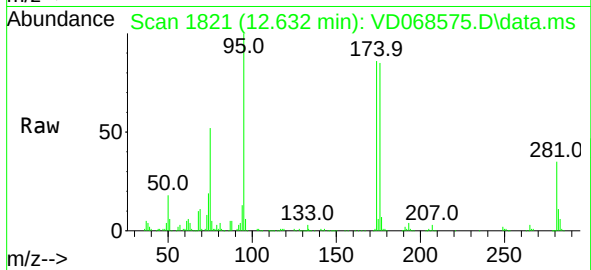
Tgt Ion: 75 Resp: 127186
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.44 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068575.D
 Acq: 09 Mar 2021 14:41

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 127186
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.4 40.3 60.5#

