

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069875.D
 Acq On : 27 Jul 2021 19:17
 Operator : VA/SY
 Sample : M3200-04
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 28 04:01:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

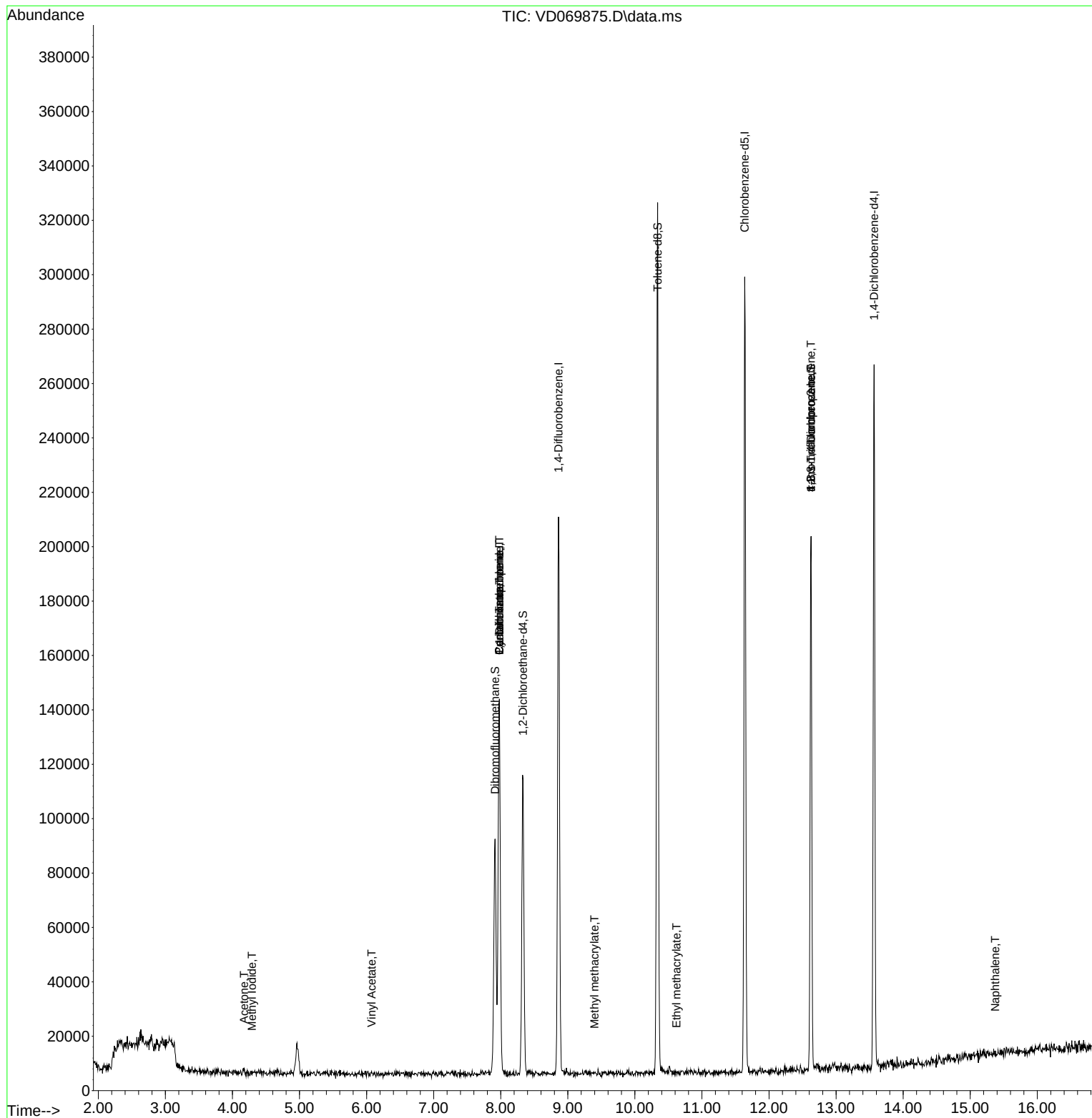
Internal Standards						
1) Pentafluorobenzene	7.979	168	97821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	171070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	173672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	70436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	84972	75.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.060%			
35) Dibromofluoromethane	7.914	113	64052	59.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.780%			
50) Toluene-d8	10.338	98	221397	53.242	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.480%			
62) 4-Bromofluorobenzene	12.626	95	69728	50.174	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.340%			
Target Compounds			Qvalue			
5) Bromomethane	2.797	94	1531	Below Cal	#	61
10) Methyl Iodide	4.291	142	428	3.790	ug/l #	61
16) Acetone	4.173	43	1374	6.761	ug/l #	38
20) Methylene Chloride	4.956	84	8478	Below Cal		92
23) Vinyl Acetate	6.073	43	66	20.380	ug/l #	71
31) Cyclohexane	7.979	56	2683	1.221	ug/l #	26
36) 1,1-Dichloropropene	7.979	75	9286	5.030	ug/l #	49
38) Carbon Tetrachloride	7.979	117	9994	5.927	ug/l #	21
48) Methyl methacrylate	9.397	41	77	2.860	ug/l #	13
56) Ethyl methacrylate	10.620	69	59	3.941	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	33746	45.074	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	33746	136.742	ug/l #	16
95) Naphthalene	15.373	128	228	5.088	ug/l #	69

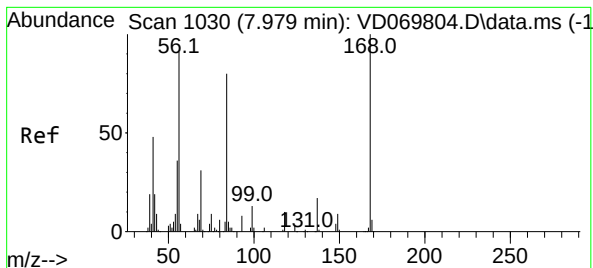
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
Data File : VD069875.D
Acq On : 27 Jul 2021 19:17
Operator : VA/SY
Sample : M3200-04
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 28 04:01:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

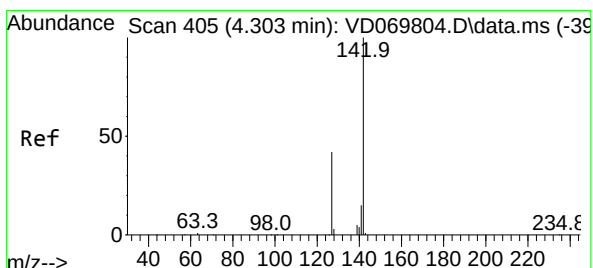
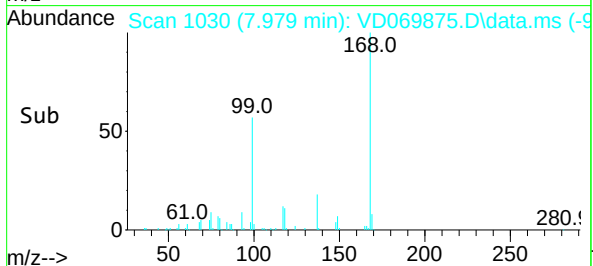
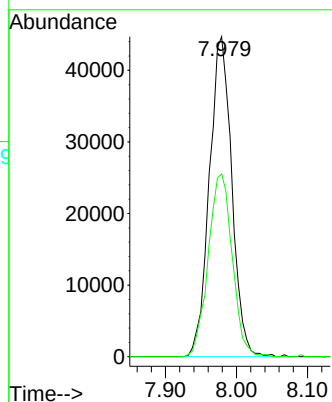
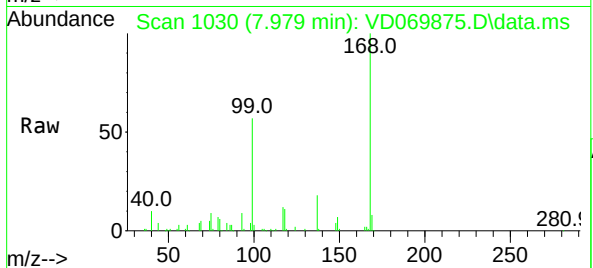




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

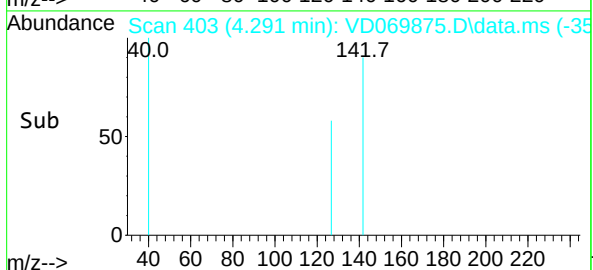
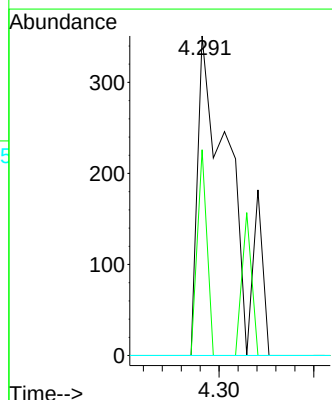
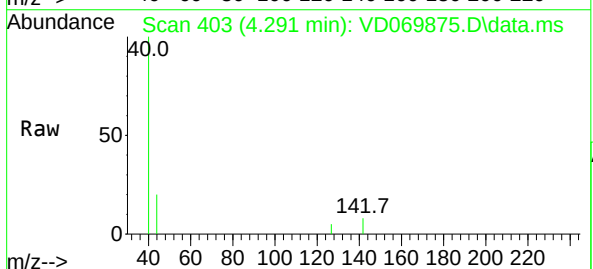
Instrument :
MSVOA_D
ClientSampled :

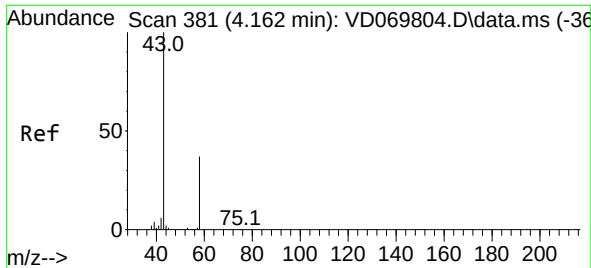
Tgt Ion:168 Resp: 97821
Ion Ratio Lower Upper
168 100
99 57.1 51.1 76.7



#10
Methyl Iodide
Concen: 3.790 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion:142 Resp: 428
Ion Ratio Lower Upper
142 100
127 18.7 35.7 53.5#
141 0.0 12.0 18.0#

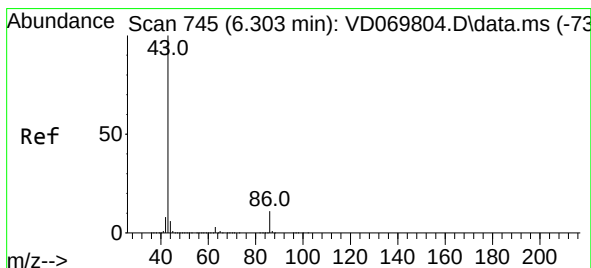
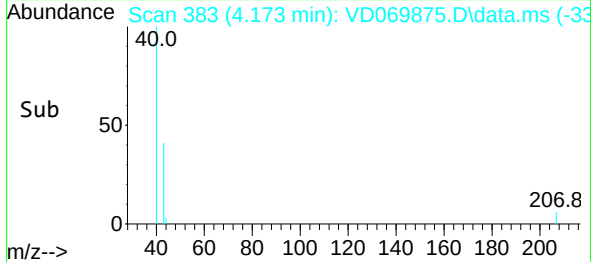
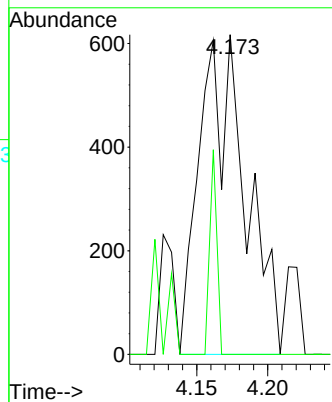
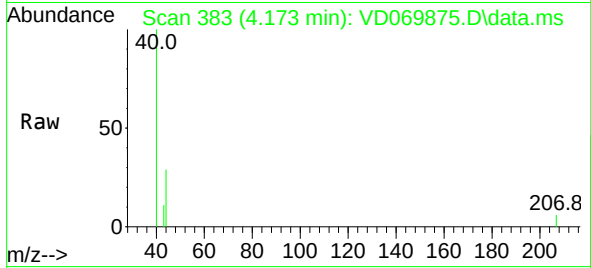




#16
Acetone
Concen: 6.761 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

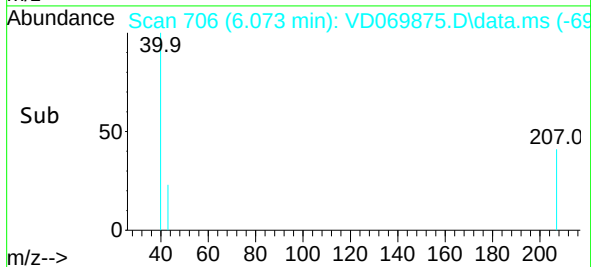
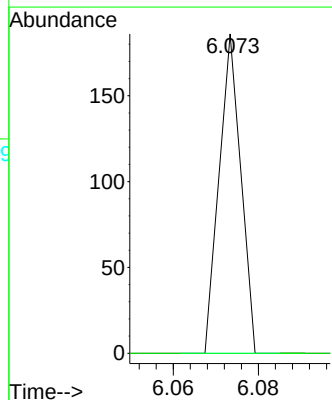
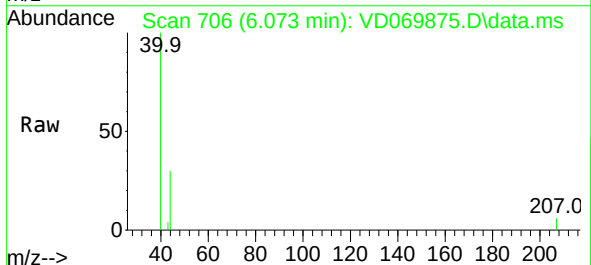
Instrument :
MSVOA_D
ClientSampleId :

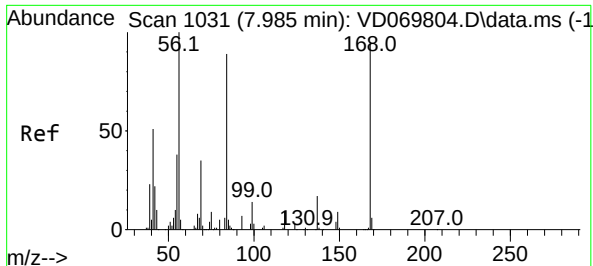
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



#23
Vinyl Acetate
Concen: 20.380 ug/l
RT: 6.073 min Scan# 706
Delta R.T. -0.230 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

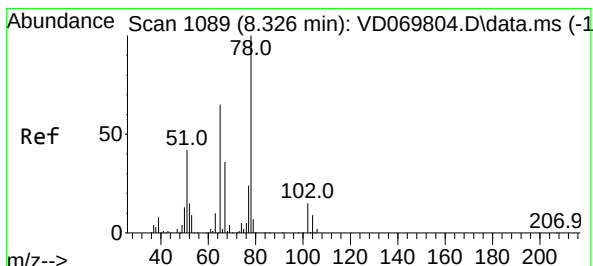
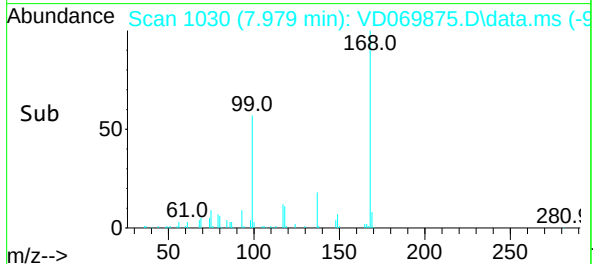
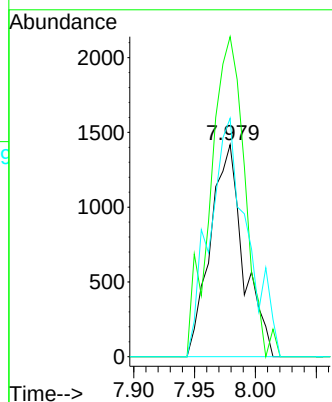
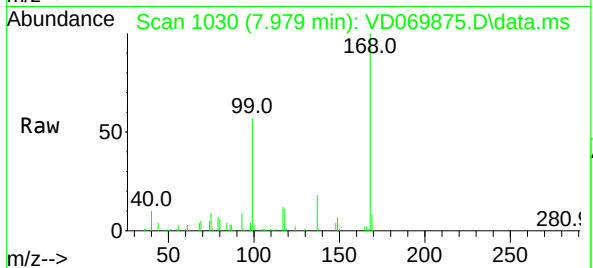




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

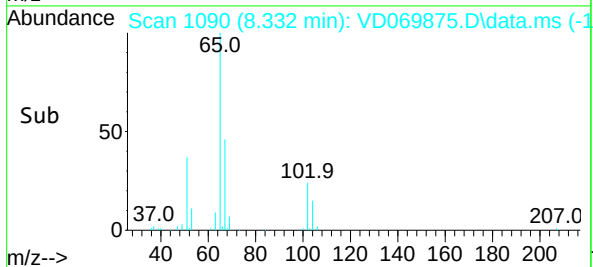
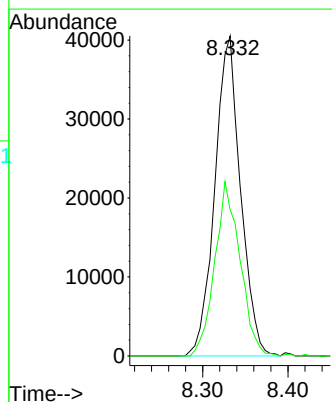
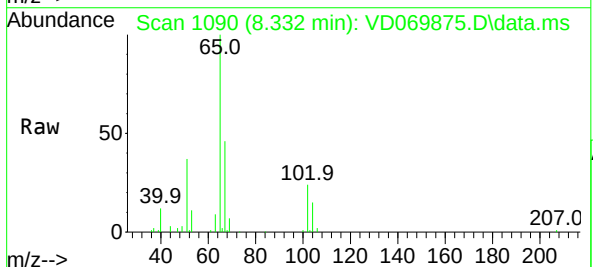
Instrument :
MSVOA_D
ClientSampleId :

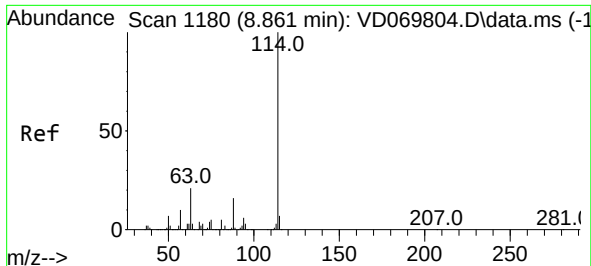
Tgt Ion: 56 Resp: 2683
Ion Ratio Lower Upper
56 100
69 150.9 27.9 41.9#
84 112.4 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 75.529 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 65 Resp: 84972
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069875.D

Acq: 27 Jul 2021 19:17

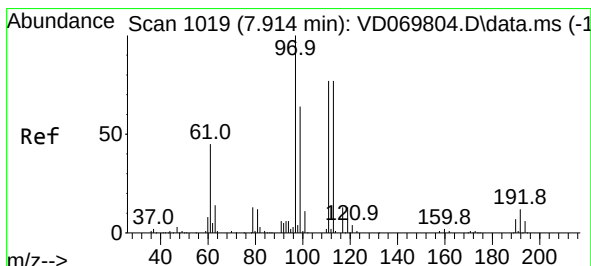
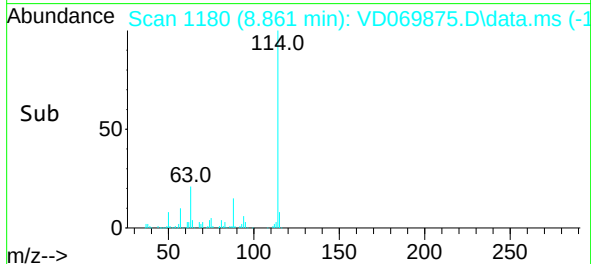
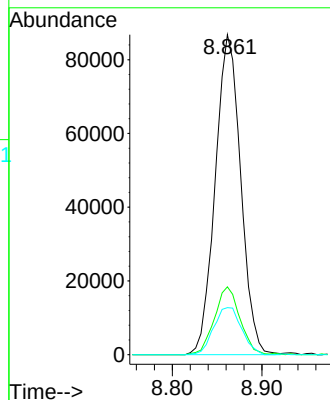
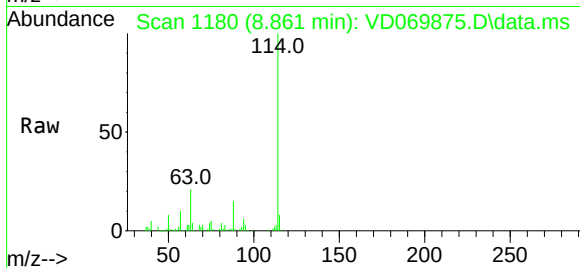
Tgt Ion:114 Resp: 171070

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 59.394 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069875.D

Acq: 27 Jul 2021 19:17

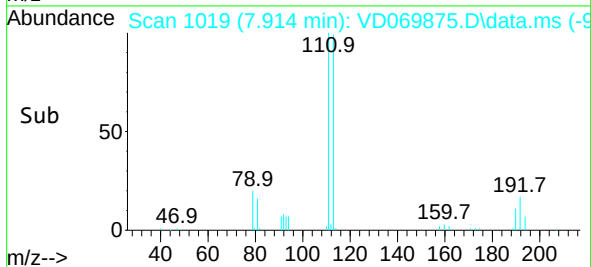
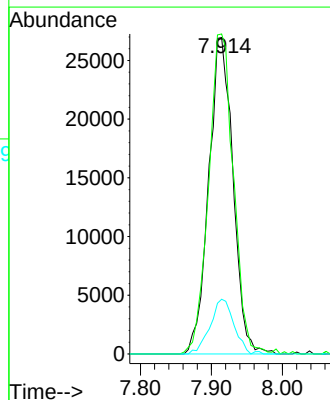
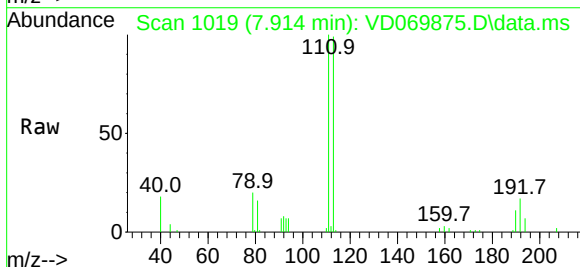
Tgt Ion:113 Resp: 64052

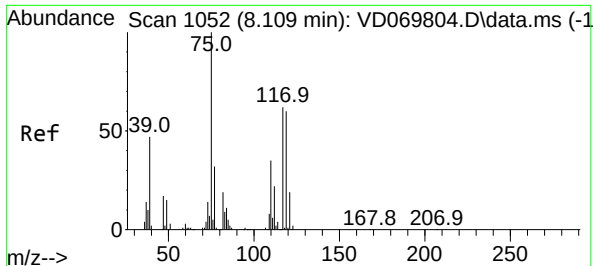
Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 17.0 12.6 19.0

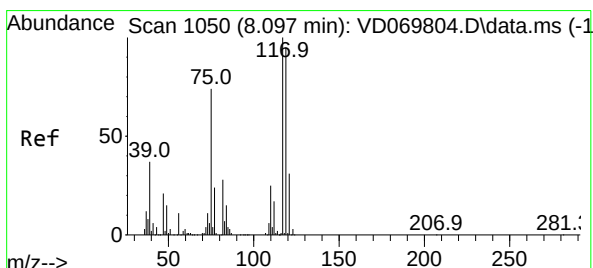
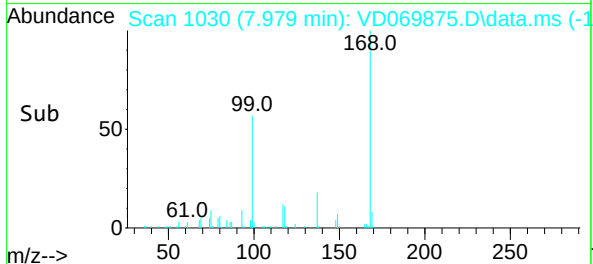
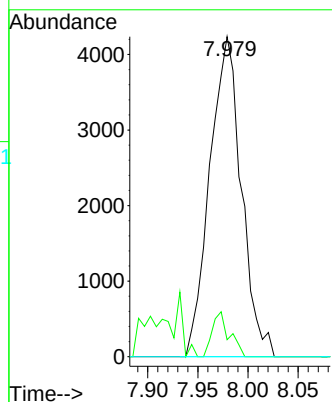
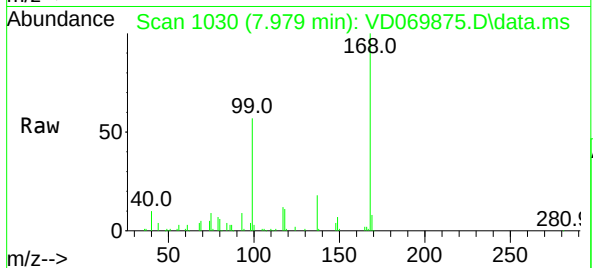




#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

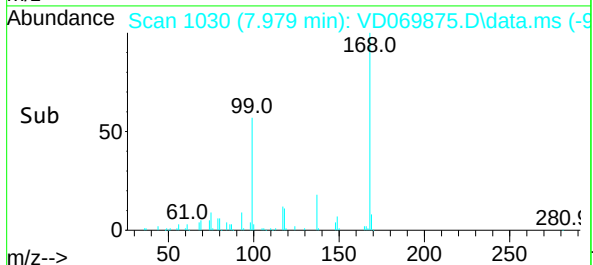
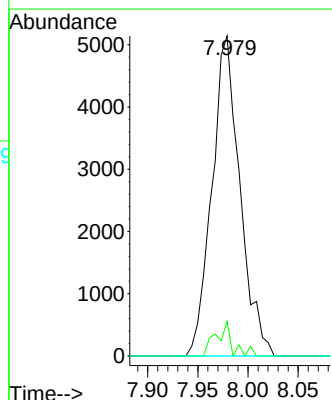
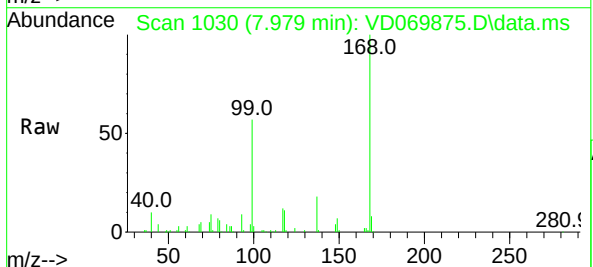
Instrument :
MSVOA_D
ClientSampleId :

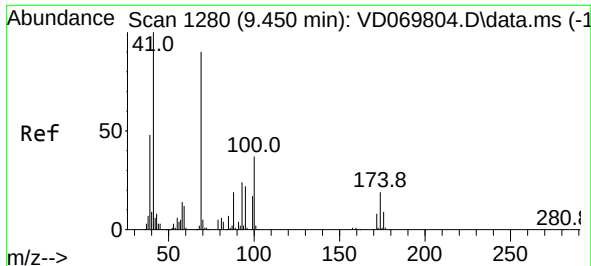
Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 117 Resp: 9994
Ion Ratio Lower Upper
117 100
119 10.8 76.2 114.2#
121 0.0 24.5 36.7#

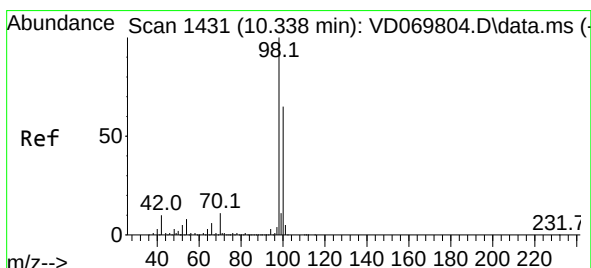
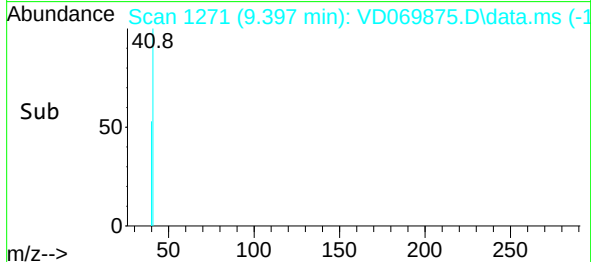
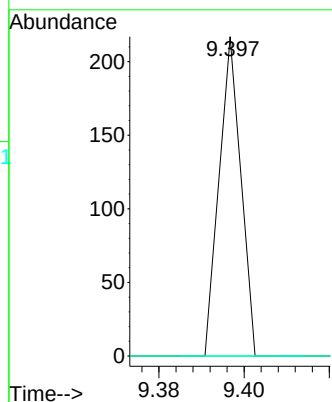
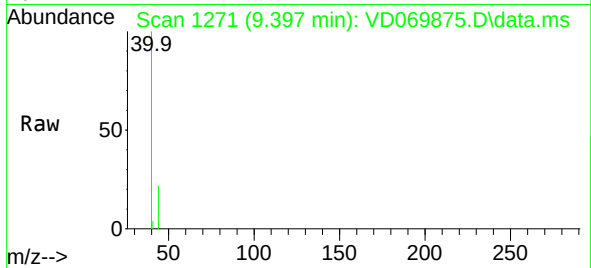




#48
Methyl methacrylate
Concen: 2.860 ug/l
RT: 9.397 min Scan# 1271
Delta R.T. -0.053 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

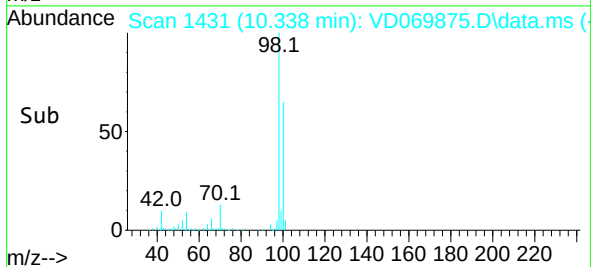
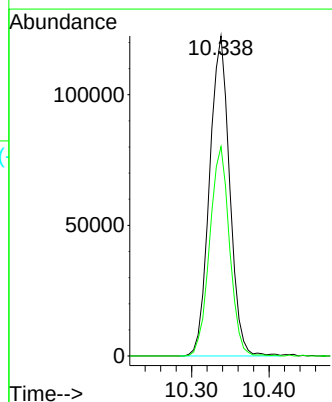
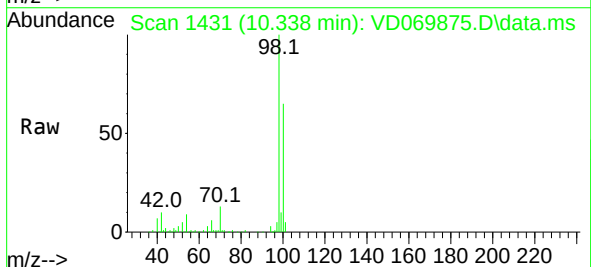
Instrument :
MSVOA_D
ClientSampleId :

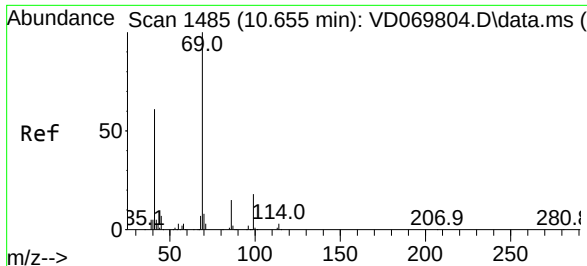
Tgt Ion: 41 Resp: 77
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 53.242 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 98 Resp: 221397
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

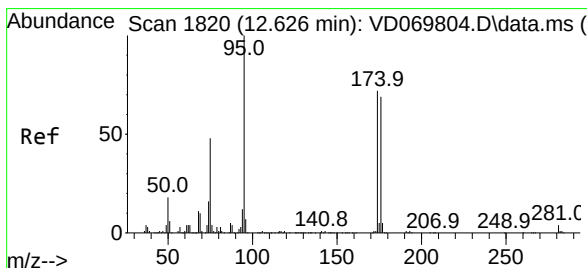
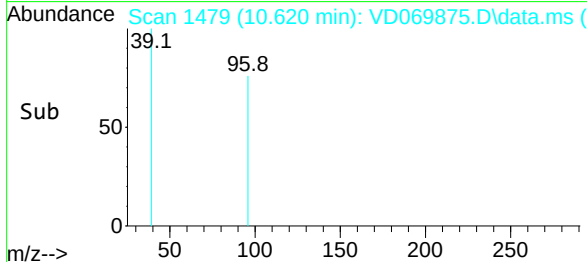
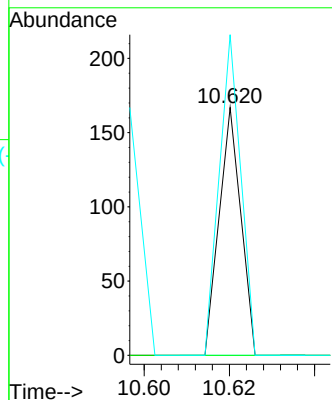
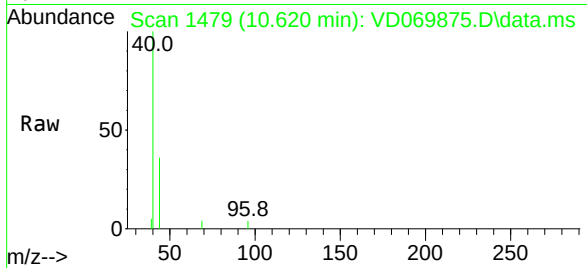




#56
Ethyl methacrylate
Concen: 3.941 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.035 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

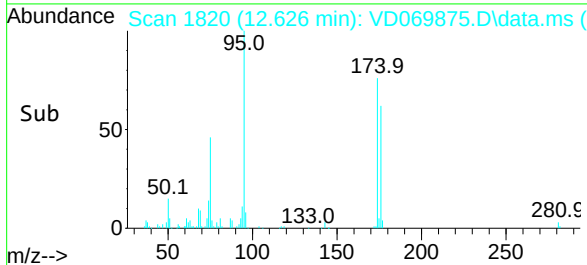
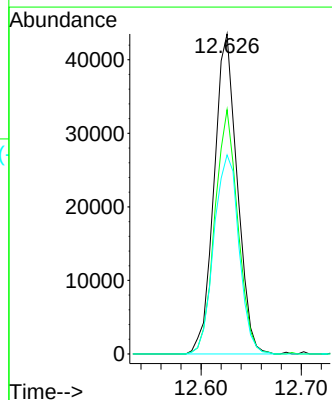
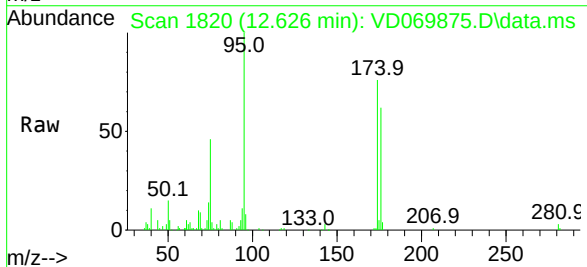
Instrument :
MSVOA_D
ClientSampleId :

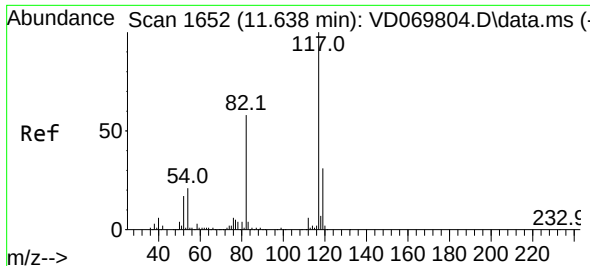
Tgt Ion: 69 Resp: 59
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 128.8 22.0 33.0#



#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion: 95 Resp: 69728
Ion Ratio Lower Upper
95 100
174 75.8 0.0 142.6
176 67.4 0.0 134.2

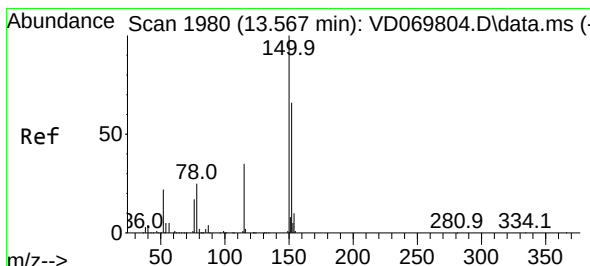
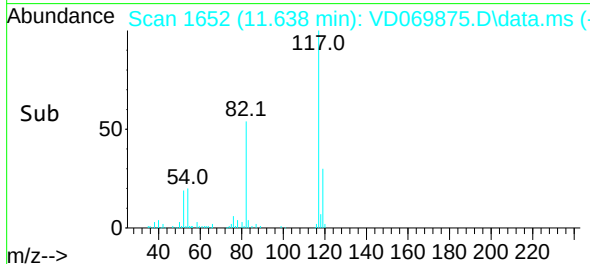
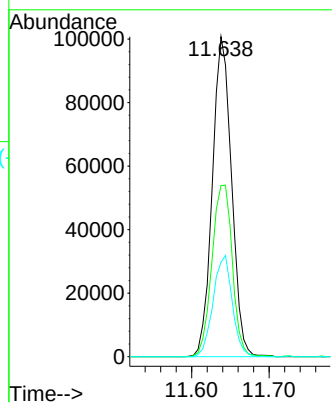
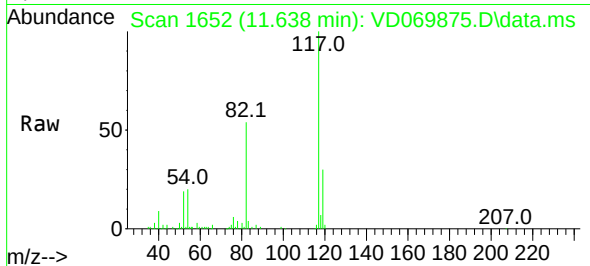




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

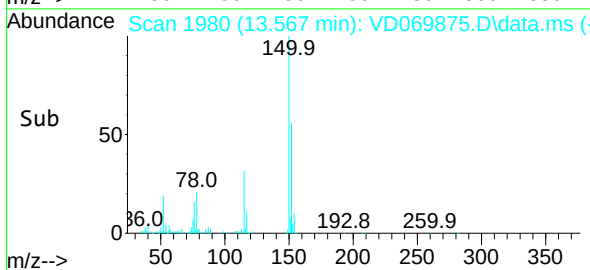
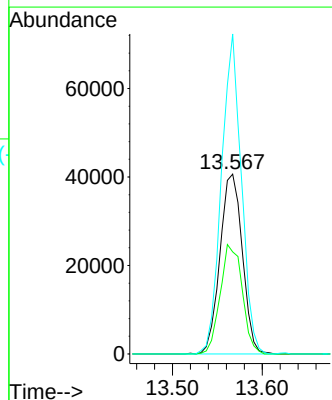
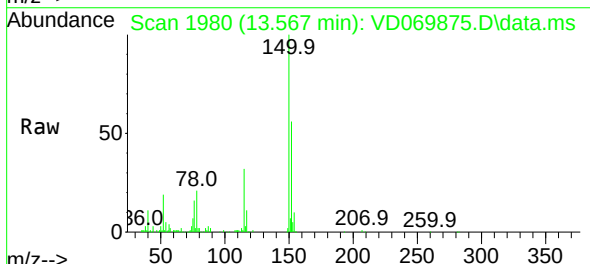
Instrument :
MSVOA_D
ClientSampleId :

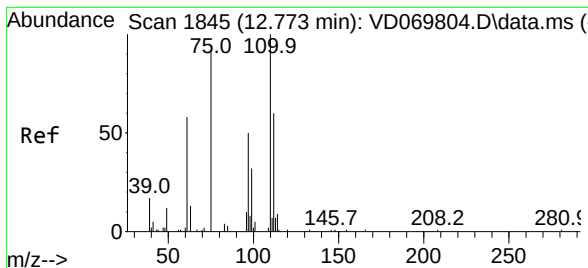
Tgt Ion:117 Resp: 173672
Ion Ratio Lower Upper
117 100
82 53.5 46.3 69.5
119 29.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Tgt Ion:152 Resp: 70436
Ion Ratio Lower Upper
152 100
115 59.8 31.1 93.3
150 158.1 0.0 343.0

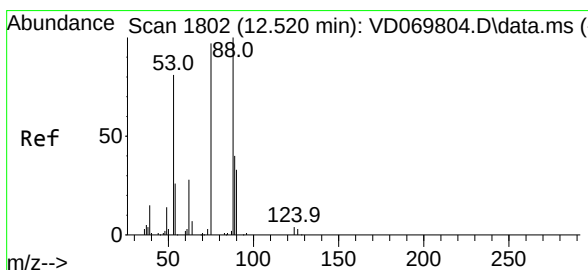
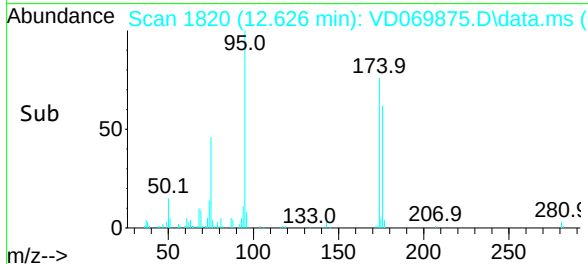
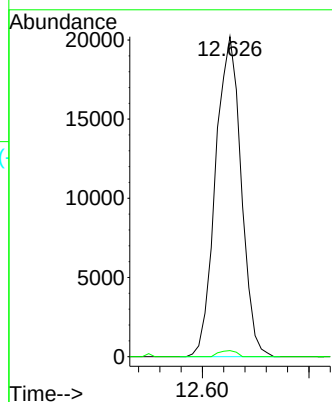
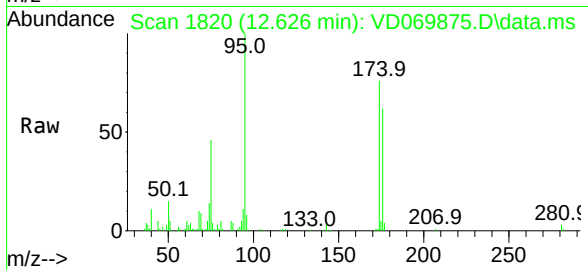




#76
1,2,3-Trichloropropane
Concen: 45.074 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

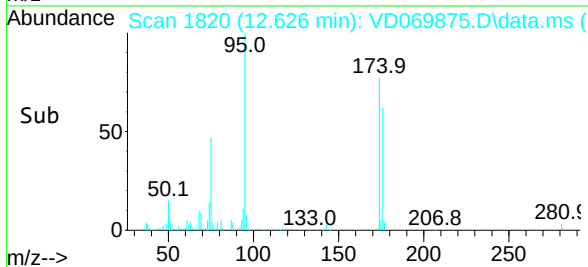
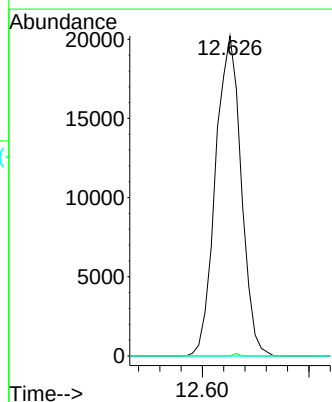
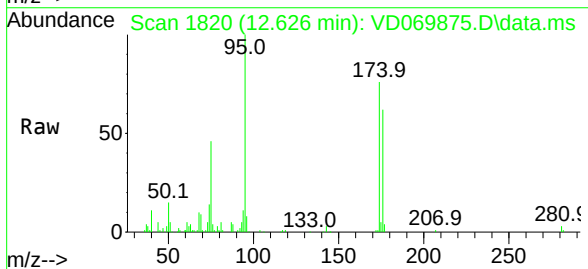
Instrument :
MSVOA_D
ClientSampleId :

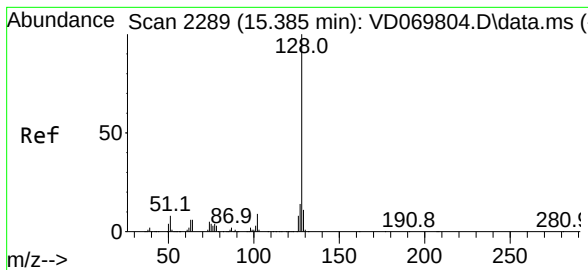
Tgt Ion: 75 Resp: 33746
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.742 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

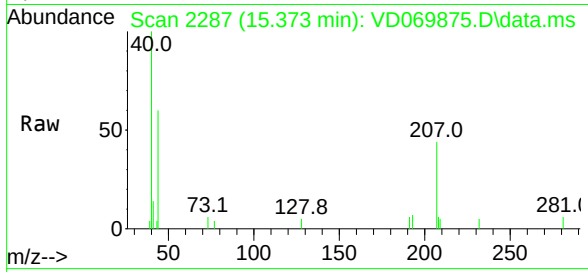
Tgt Ion: 75 Resp: 33746
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 5.088 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD069875.D
Acq: 27 Jul 2021 19:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 228
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

