

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069877.D
 Acq On : 27 Jul 2021 20:14
 Operator : VA/SY
 Sample : M3200-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

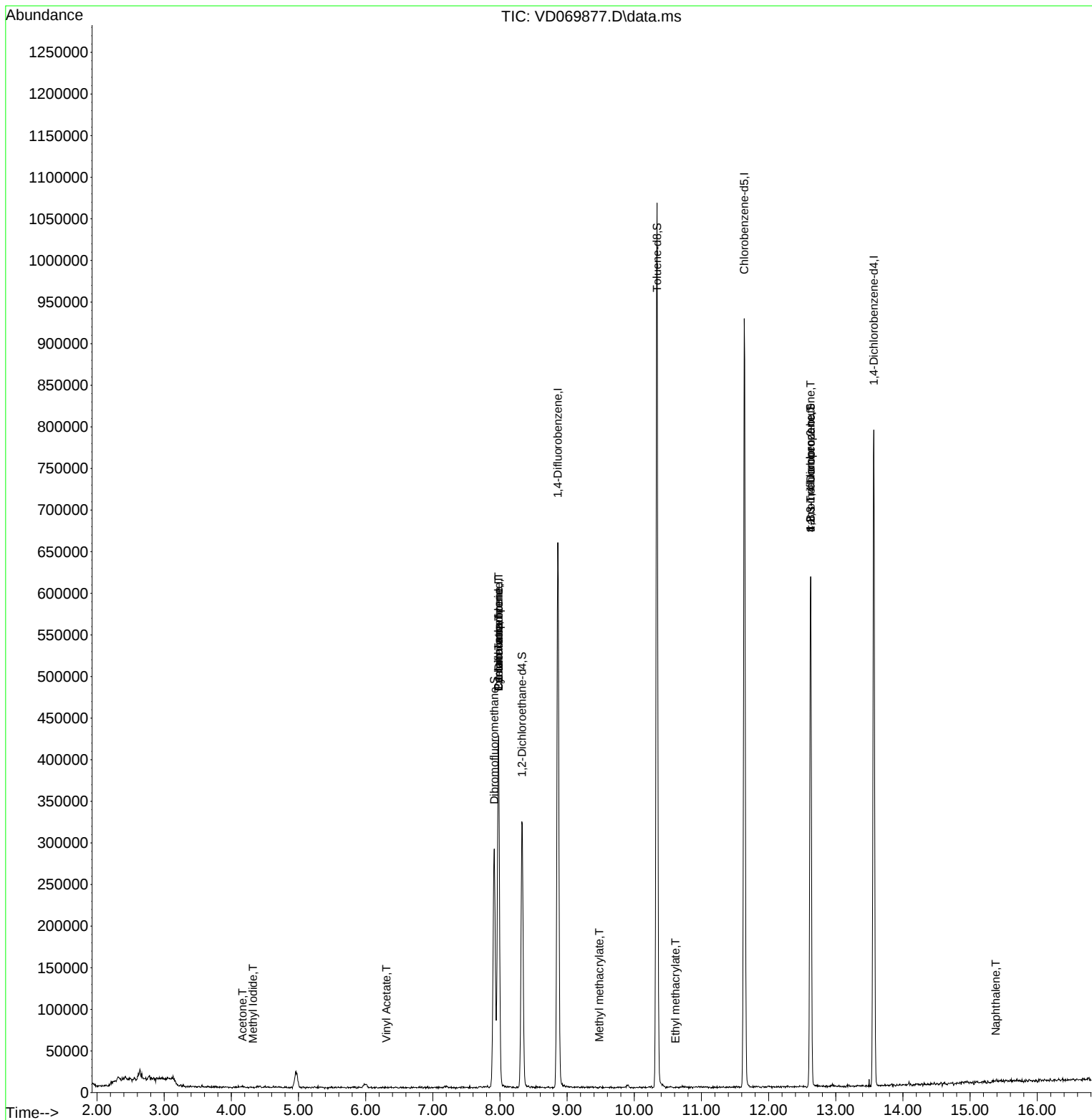
Quant Time: Jul 28 04:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

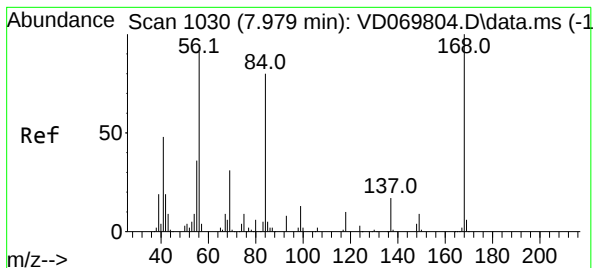
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	291861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	562577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	545024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	214100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249247	74.254	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.500%			
35) Dibromofluoromethane	7.914	113	210294	59.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.600%			
50) Toluene-d8	10.338	98	725733	53.070	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.626	95	223666	48.940	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.880%			
Target Compounds						
5) Bromomethane	2.768	94	1264	Below Cal		95
10) Methyl Iodide	4.321	142	837	3.677 ug/l #		65
16) Acetone	4.168	43	1283	2.116 ug/l #		64
20) Methylene Chloride	4.962	84	15022	Below Cal		89
23) Vinyl Acetate	6.309	43	58	20.358 ug/l #		71
31) Cyclohexane	7.979	56	7188	1.096 ug/l #		1
36) 1,1-Dichloropropene	7.979	75	27101	4.464 ug/l #		52
38) Carbon Tetrachloride	7.979	117	31705	5.717 ug/l #		16
48) Methyl methacrylate	9.479	41	58	2.773 ug/l #		13
56) Ethyl methacrylate	10.614	69	55	3.909 ug/l #		28
76) 1,2,3-Trichloropropane	12.626	75	103678	45.558 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	103678	138.212 ug/l #		16
95) Naphthalene	15.385	128	414	5.052 ug/l #		83

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

Quant Time: Jul 28 04:01:55 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: VD069877.D

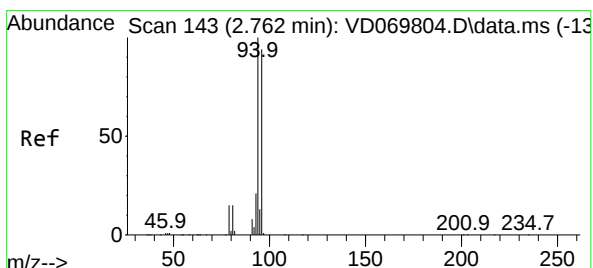
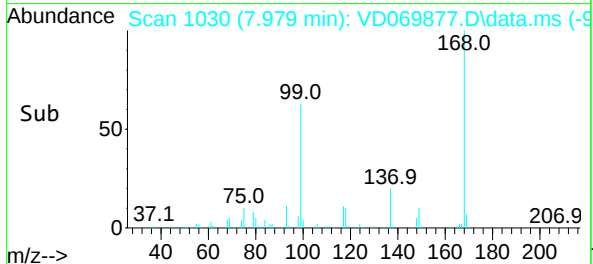
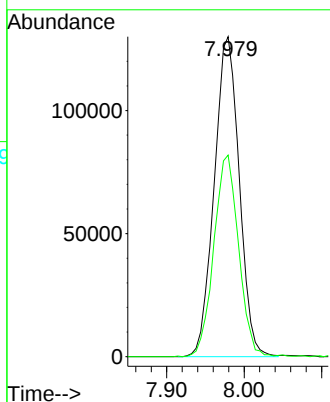
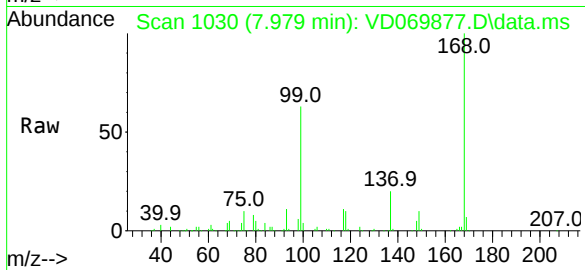
Acq: 27 Jul 2021 20:14

Tgt Ion:168 Resp: 291861

Ion Ratio Lower Upper

168 100

99 62.8 51.1 76.7



#5

Bromomethane

Concen: Below Cal

RT: 2.768 min Scan# 144

Delta R.T. 0.006 min

Lab File: VD069877.D

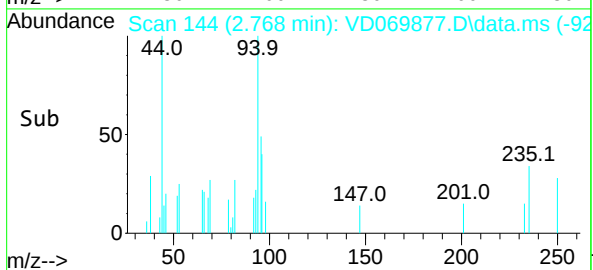
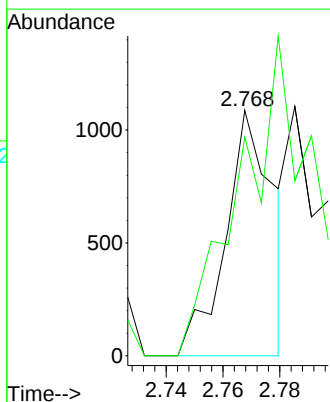
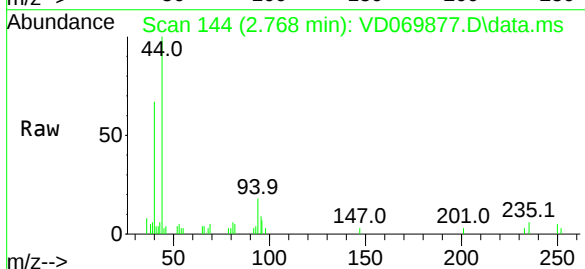
Acq: 27 Jul 2021 20:14

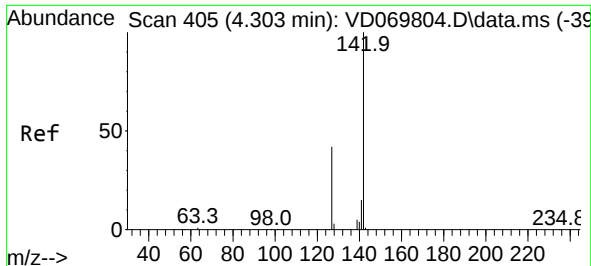
Tgt Ion: 94 Resp: 1264

Ion Ratio Lower Upper

94 100

96 89.1 74.8 112.2

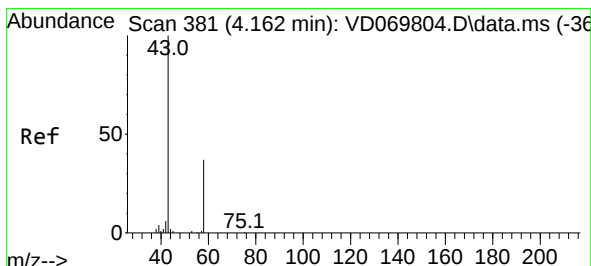
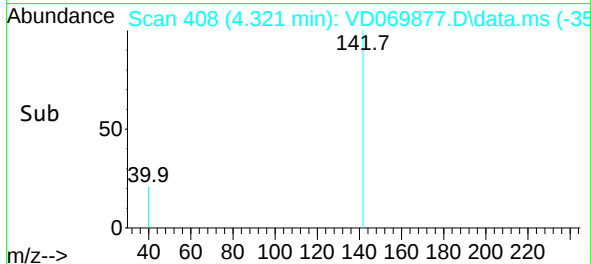
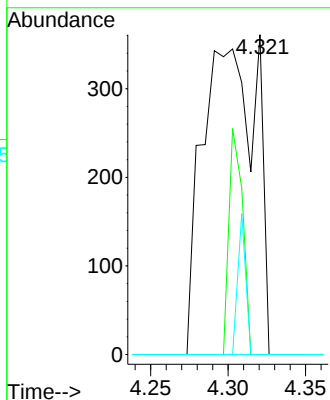
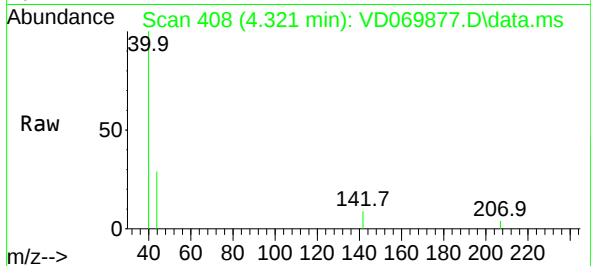




#10
Methyl Iodide
Concen: 3.677 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.018 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

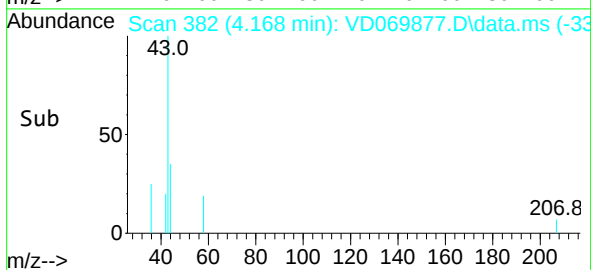
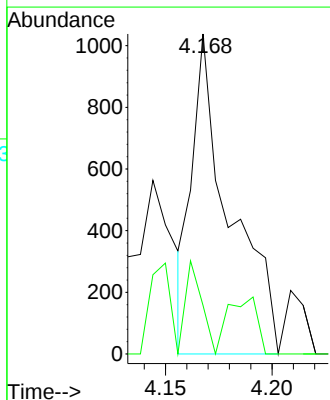
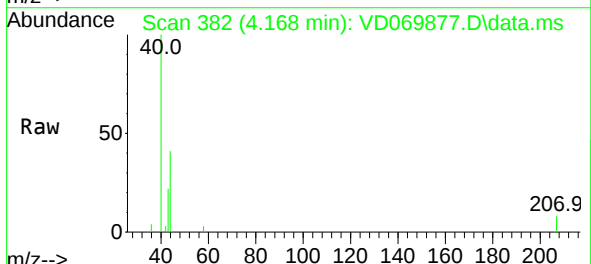
Instrument :
MSVOA_D
ClientSampled :

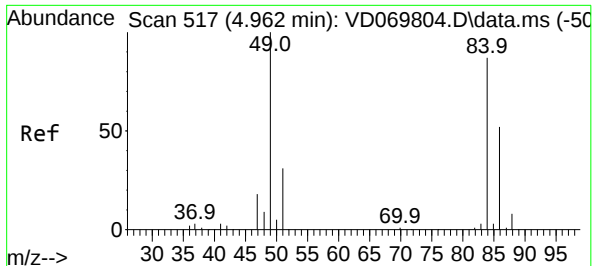
Tgt Ion:142 Resp: 837
Ion Ratio Lower Upper
142 100
127 18.6 35.7 53.5#
141 6.7 12.0 18.0#



#16
Acetone
Concen: 2.116 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 15.2 29.4 44.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD069877.D

Acq: 27 Jul 2021 20:14

Tgt Ion: 84 Resp: 15022

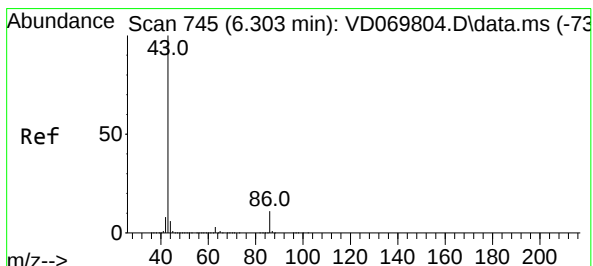
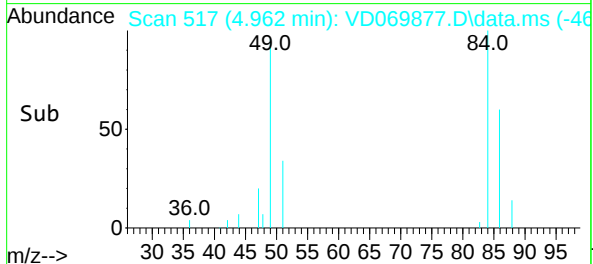
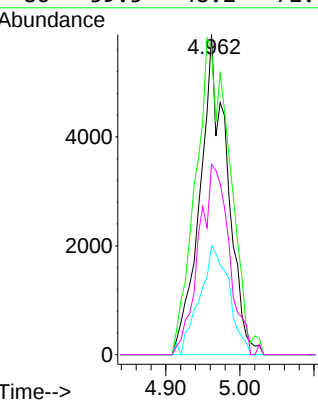
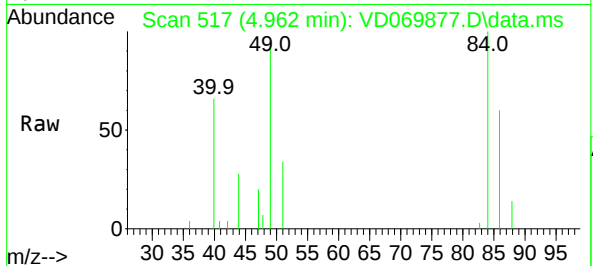
Ion Ratio Lower Upper

84 100

49 95.7 92.4 138.6

51 34.2 28.5 42.7

86 59.5 48.2 72.4



#23

Vinyl Acetate

Concen: 20.358 ug/l

RT: 6.309 min Scan# 746

Delta R.T. 0.006 min

Lab File: VD069877.D

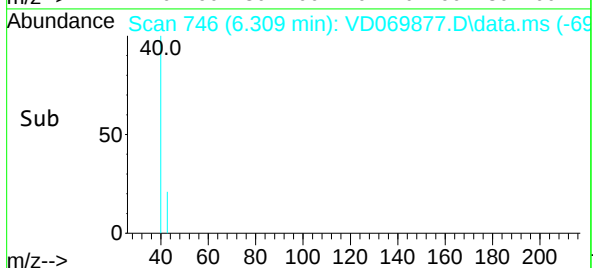
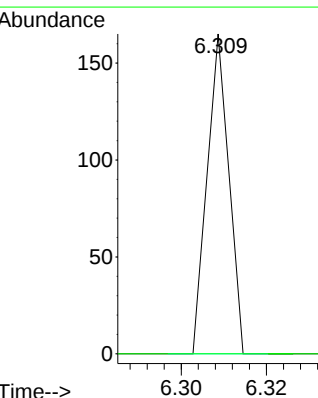
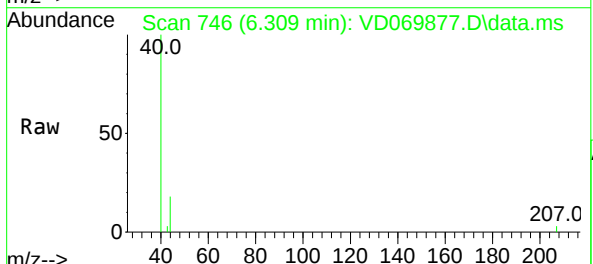
Acq: 27 Jul 2021 20:14

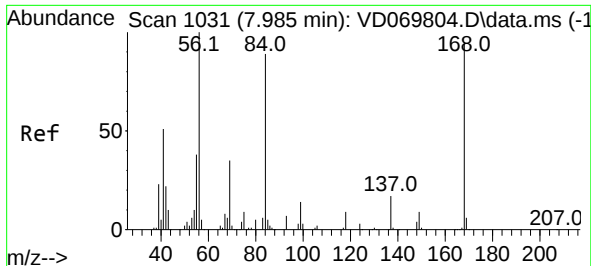
Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

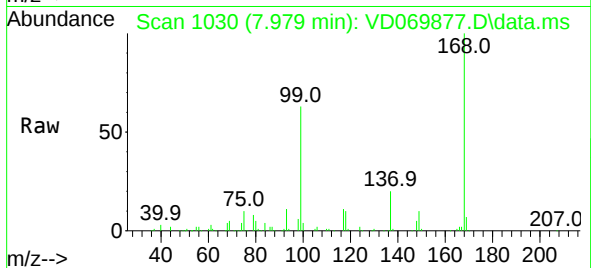
86 0.0 8.6 13.0#



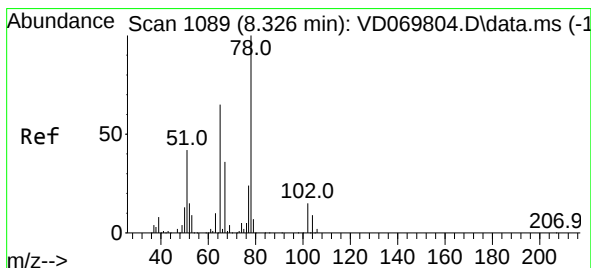
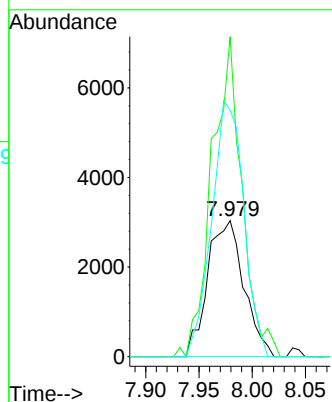
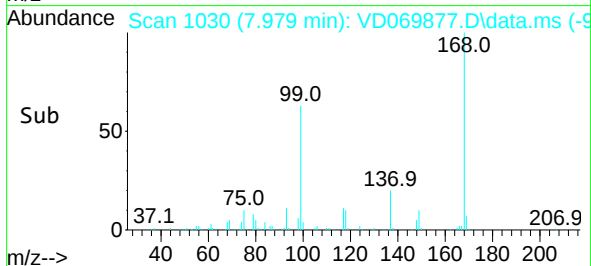


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

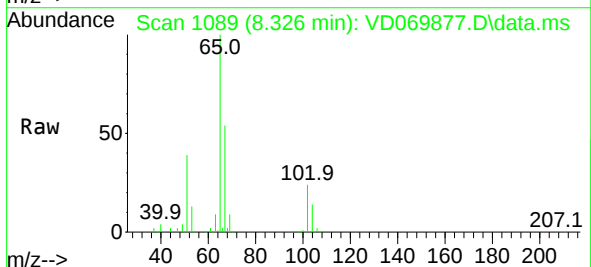
Instrument :
MSVOA_D
ClientSampleId :



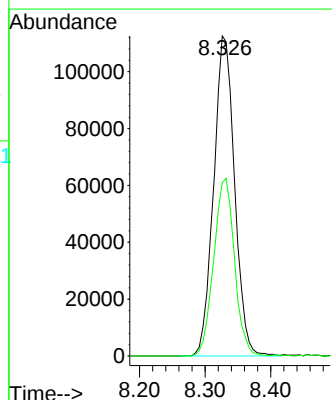
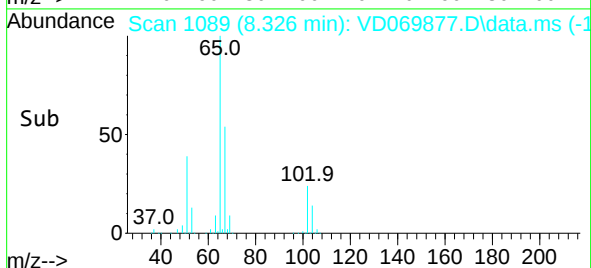
Tgt Ion: 56 Resp: 7188
Ion Ratio Lower Upper
56 100
69 235.2 27.9 41.9#
84 181.1 71.4 107.2#

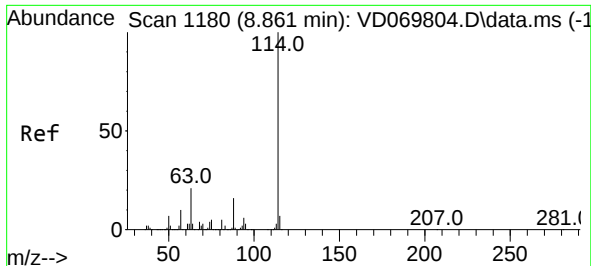


#33
1,2-Dichloroethane-d4
Concen: 74.254 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14



Tgt Ion: 65 Resp: 249247
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.2



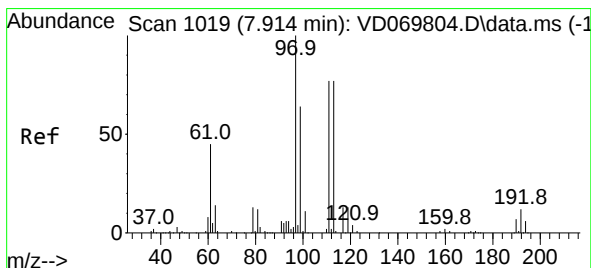
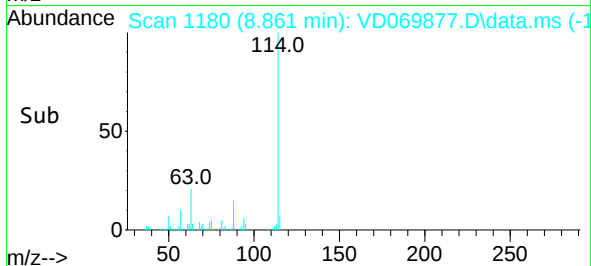
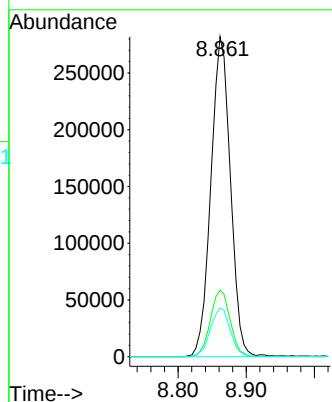
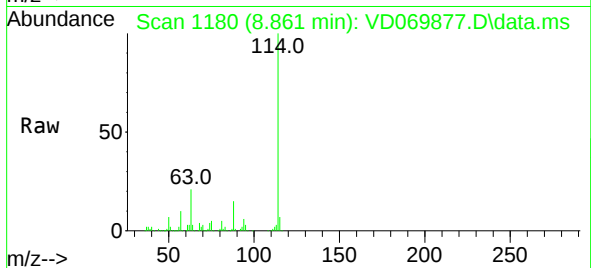


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Instrument :
MSVOA_D
ClientSampled :

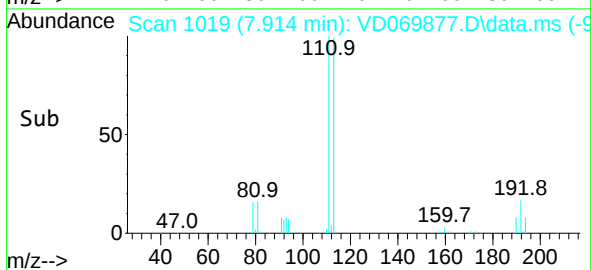
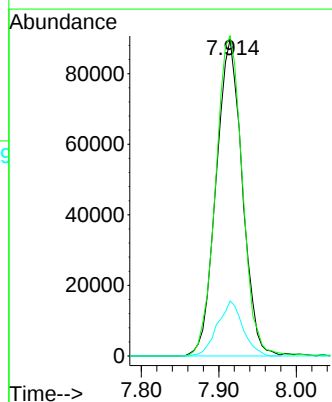
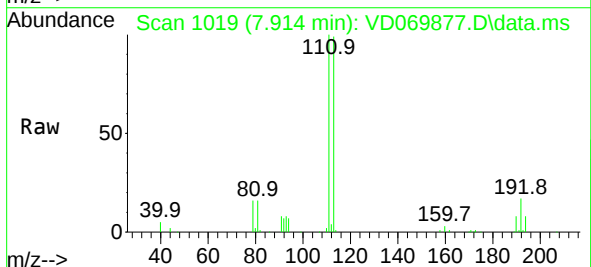
Tgt Ion:114 Resp: 562577
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.2 0.0 31.4

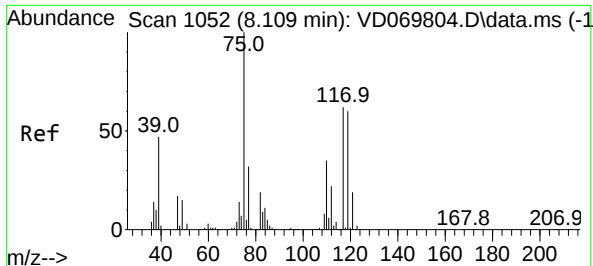


#35

Dibromofluoromethane
Concen: 59.296 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion:113 Resp: 210294
Ion Ratio Lower Upper
113 100
111 103.4 80.5 120.7
192 16.8 12.6 19.0

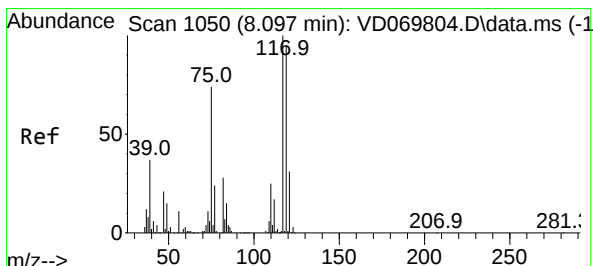
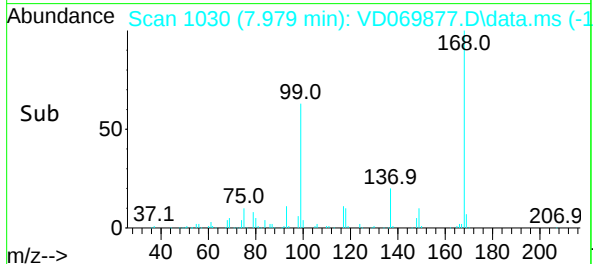
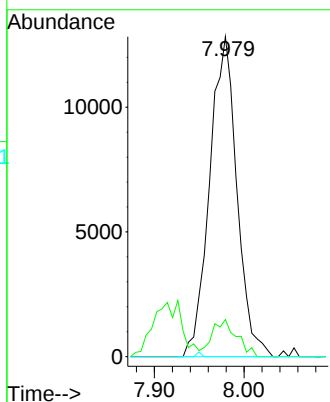
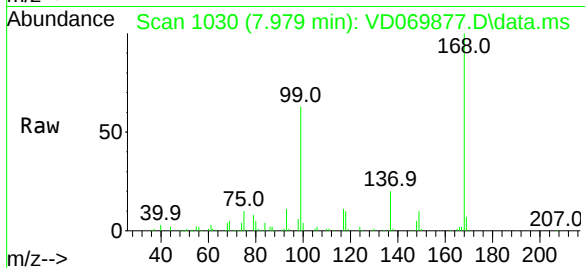




#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

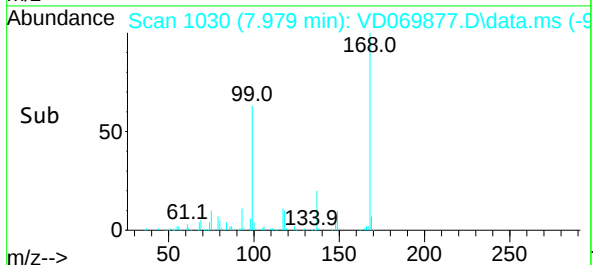
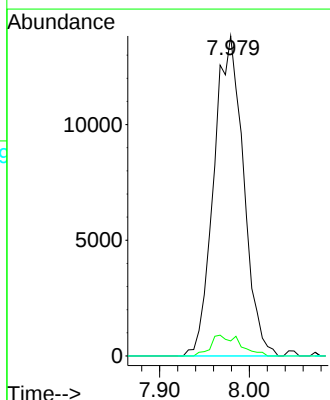
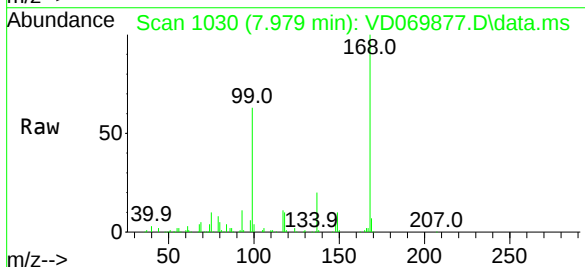
Instrument :
MSVOA_D
ClientSampleId :

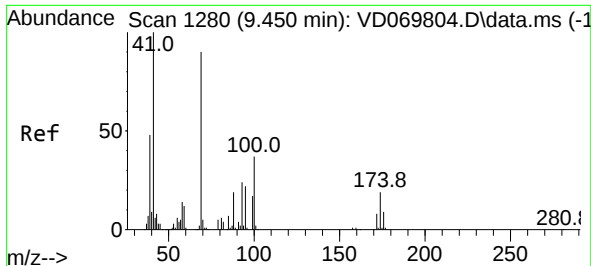
Tgt Ion: 75 Resp: 27101
Ion Ratio Lower Upper
75 100
110 10.5 16.9 50.7#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion: 117 Resp: 31705
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.5 36.7#

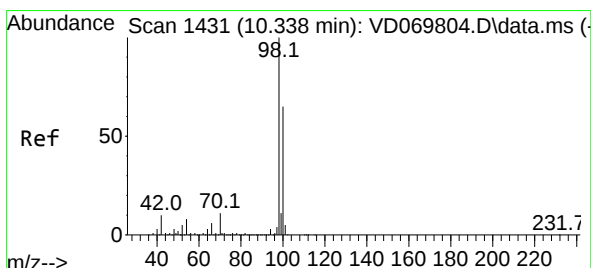
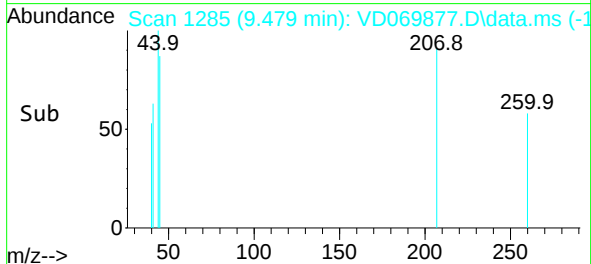
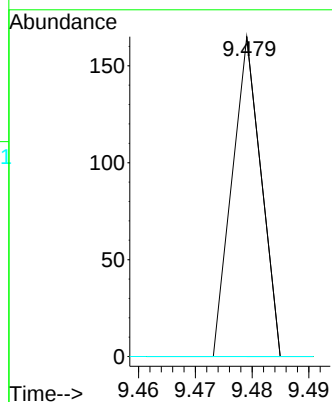
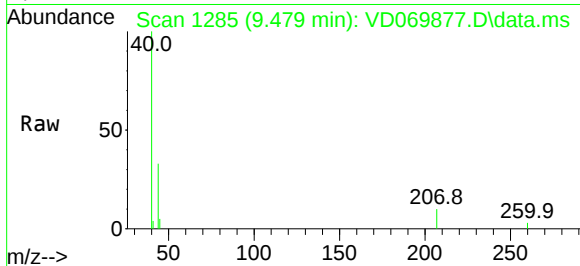




#48
Methyl methacrylate
Concen: 2.773 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.029 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

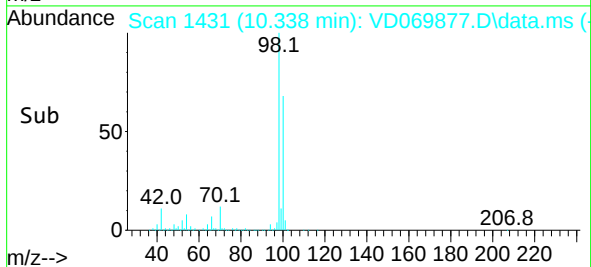
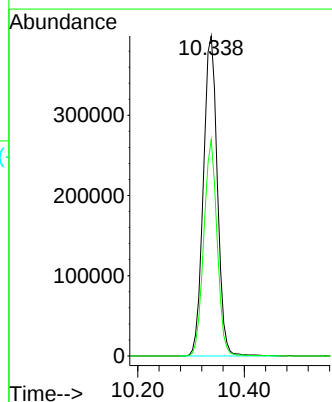
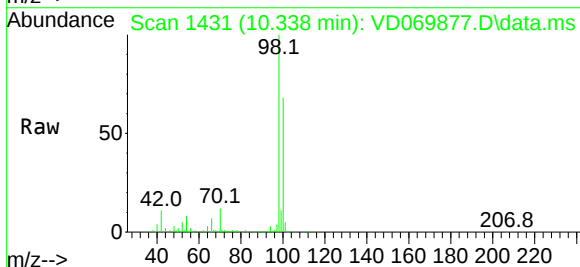
Instrument :
MSVOA_D
ClientSampleId :

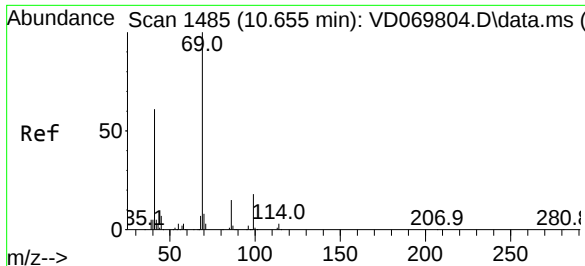
Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 53.070 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion: 98 Resp: 725733
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

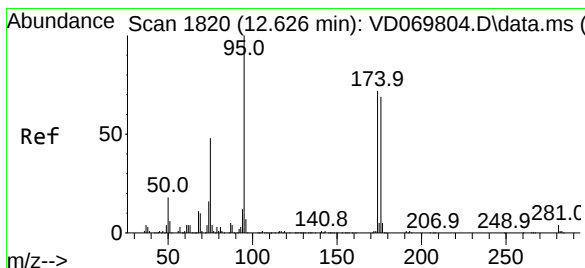
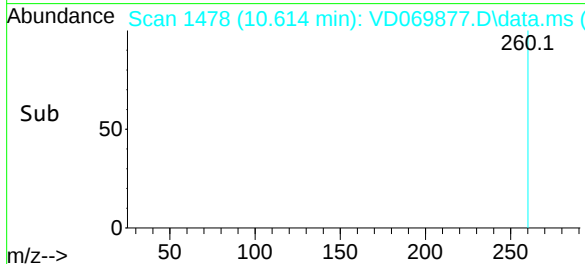
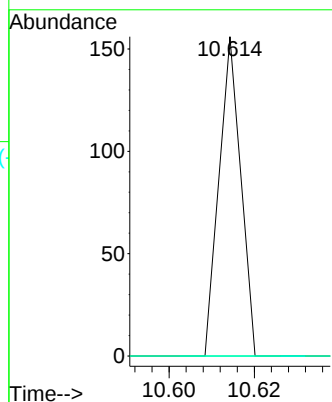
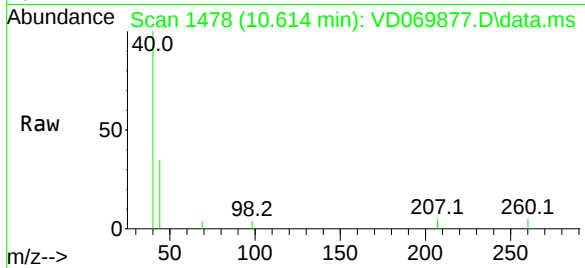




#56
Ethyl methacrylate
Concen: 3.909 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.041 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

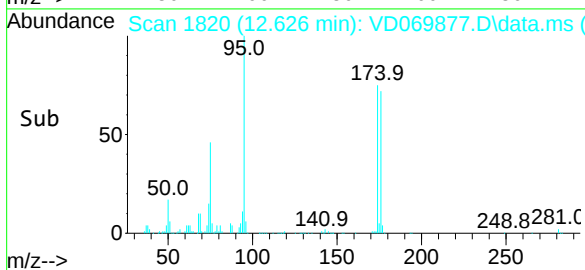
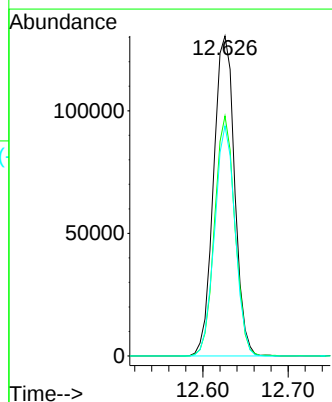
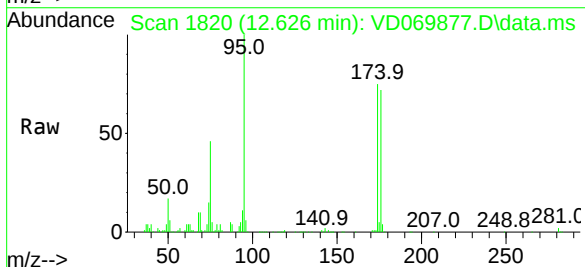
Instrument :
MSVOA_D
ClientSampleId :

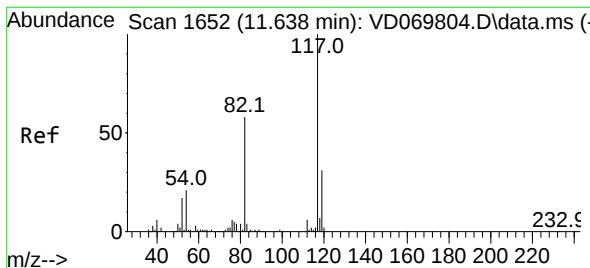
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 0.0 22.0 33.0#



#62
4-Bromofluorobenzene
Concen: 48.940 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion: 95 Resp: 223666
Ion Ratio Lower Upper
95 100
174 72.4 0.0 142.6
176 69.8 0.0 134.2

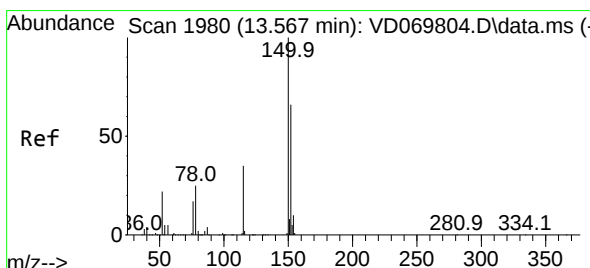
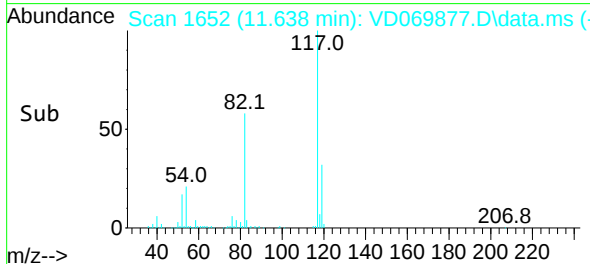
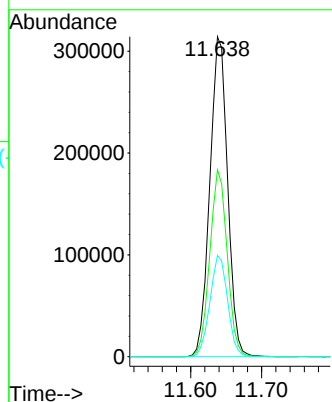
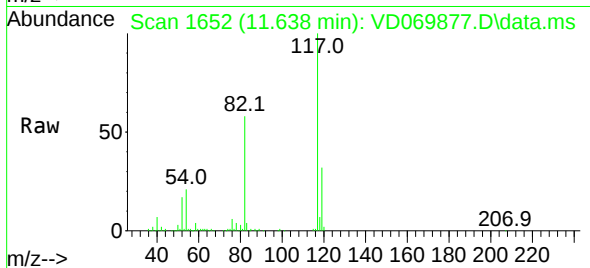




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

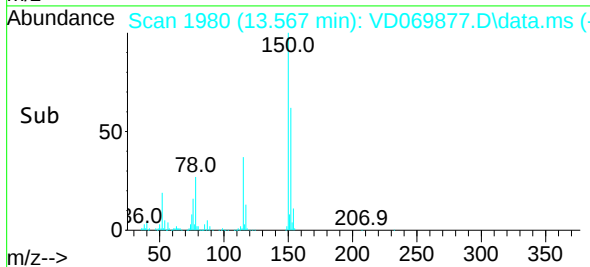
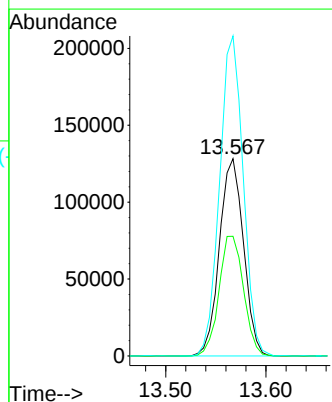
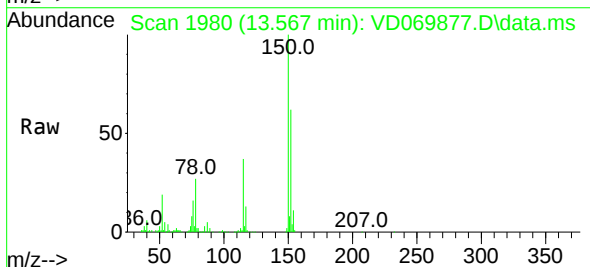
Instrument :
MSVOA_D
ClientSampleId :

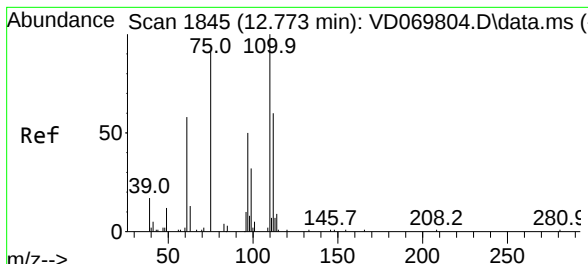
Tgt Ion:117 Resp: 545024
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 31.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion:152 Resp: 214100
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.3
150 158.7 0.0 343.0

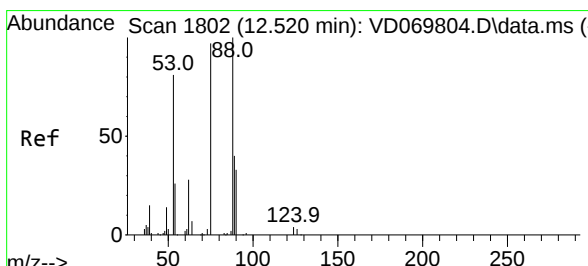
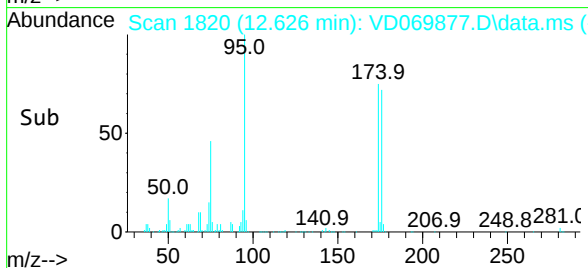
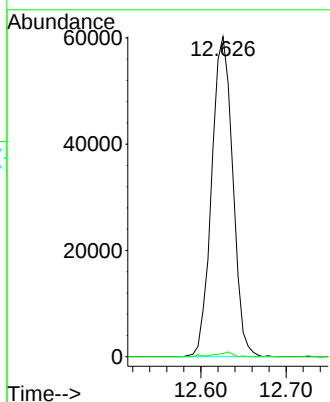
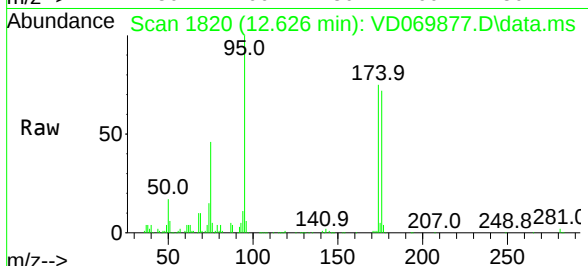




#76
1,2,3-Trichloropropane
Concen: 45.558 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

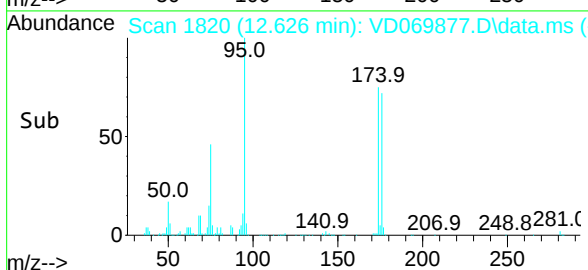
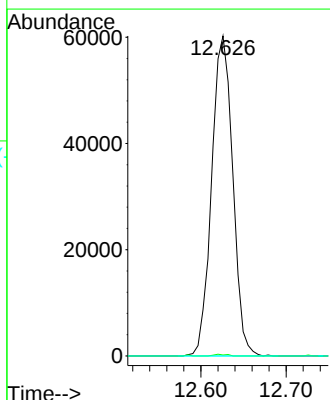
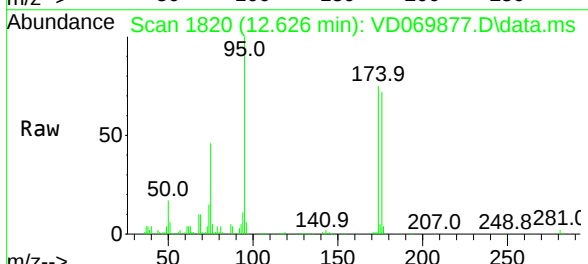
Instrument :
MSVOA_D
ClientSampleId :

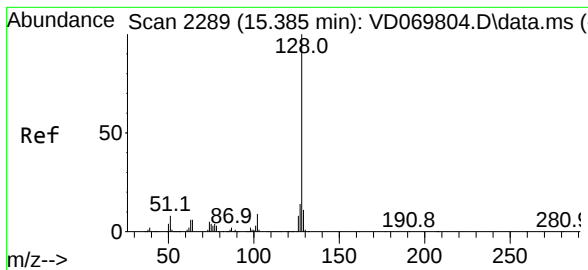
Tgt Ion: 75 Resp: 103678
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.212 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Tgt Ion: 75 Resp: 103678
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 5.052 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069877.D
Acq: 27 Jul 2021 20:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 414
Ion Ratio Lower Upper
128 100
127 16.2 10.6 16.0#
129 0.0 8.6 12.8#

