

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069458.D
 Acq On : 16 Jun 2021 11:07
 Operator : VA/SY
 Sample : M2691-01RE
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 17 02:46:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

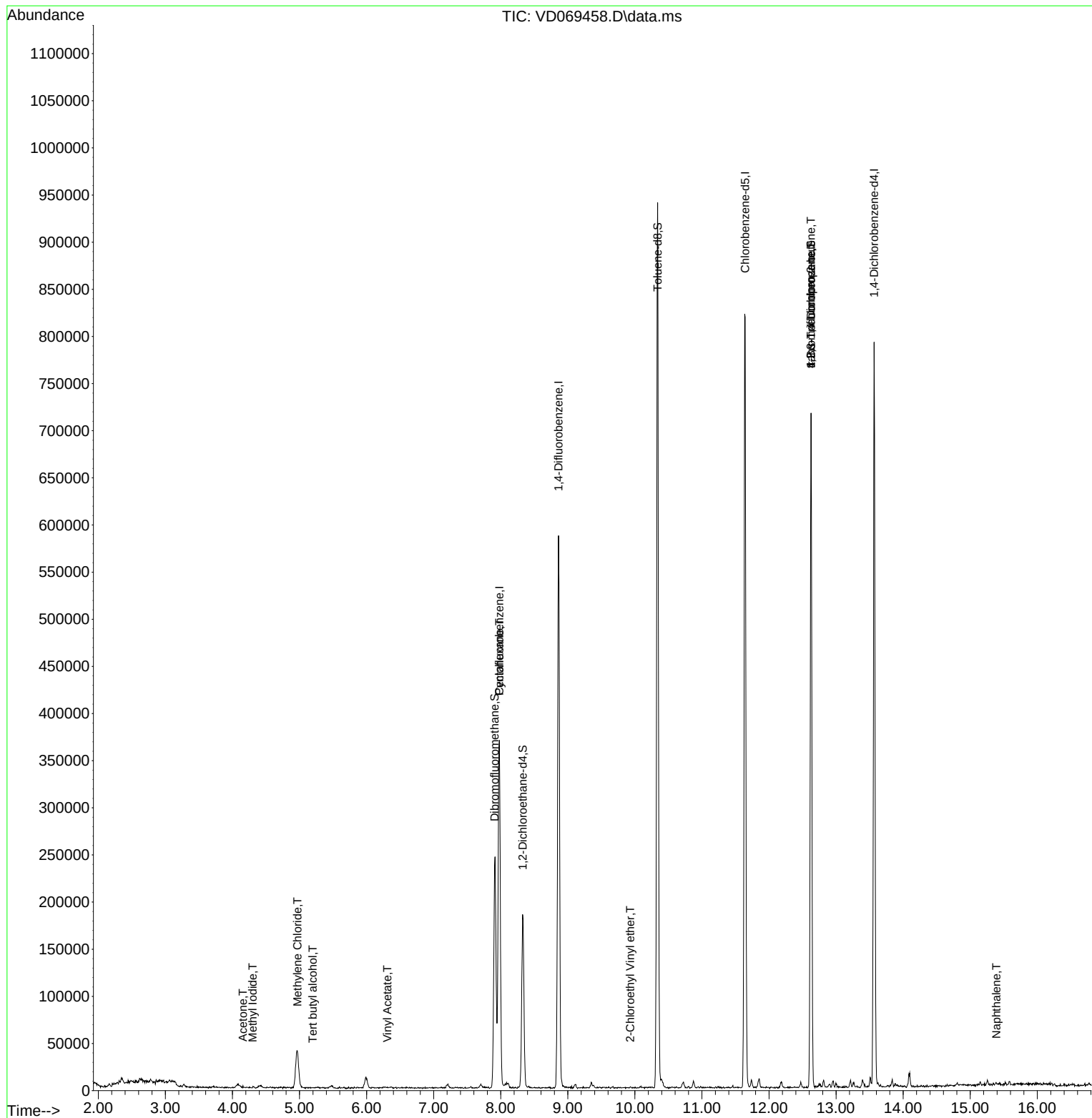
Internal Standards						
1) Pentafluorobenzene	7.979	168	279994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	522756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	517455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147933	46.832	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.660%		
35) Dibromofluoromethane	7.909	113	177765	45.401	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.800%		
50) Toluene-d8	10.338	98	661045	46.160	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.320%		
62) 4-Bromofluorobenzene	12.626	95	198645	43.231	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.460%		
Target Compounds						Qvalue
5) Bromomethane	2.785	94	1129	Below Cal		98
10) Methyl Iodide	4.303	142	1019	3.616 ug/l #		71
11) Tert butyl alcohol	5.197	59	428	2.606 ug/l #		73
16) Acetone	4.156	43	1485	2.840 ug/l #		40
18) Methyl Acetate	4.715	43	66	Below Cal #		46
20) Methylene Chloride	4.967	84	34415	2.540 ug/l		91
23) Vinyl Acetate	6.309	43	745	17.732 ug/l #		67
31) Cyclohexane	7.979	56	7544	1.758 ug/l #		34
58) 2-Chloroethyl Vinyl ether	9.932	63	305	12.105 ug/l #		81
76) 1,2,3-Trichloropropane	12.626	75	98363	44.904 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	98363	119.791 ug/l #		18
95) Naphthalene	15.390	128	2253	3.850 ug/l #		82

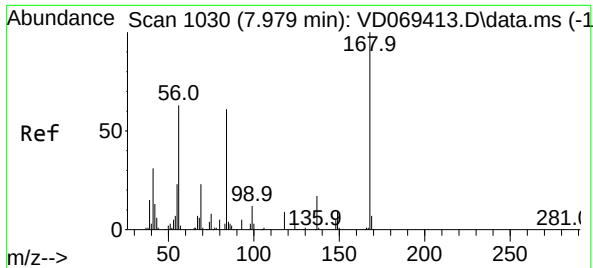
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Jun 17 02:46:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
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QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

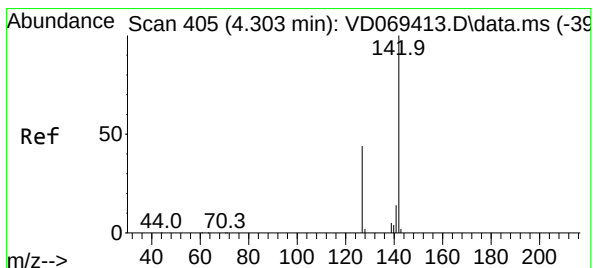
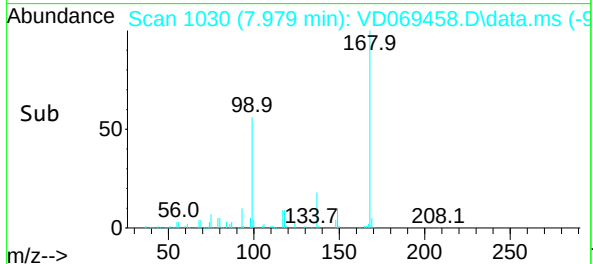
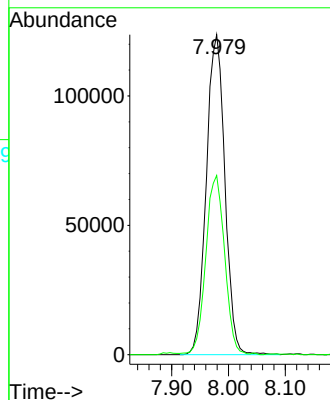
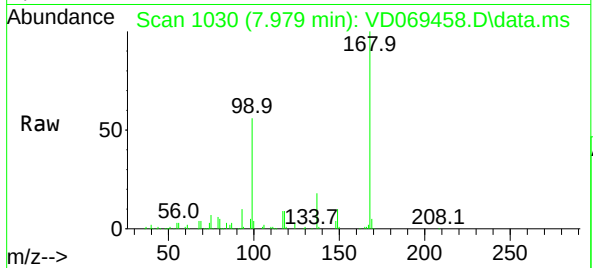




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

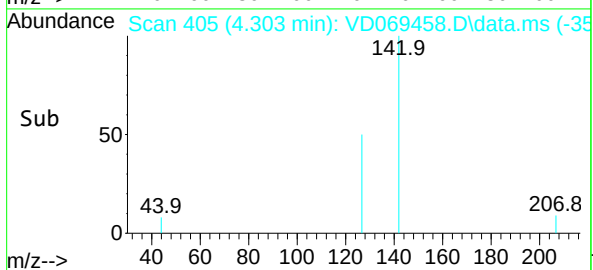
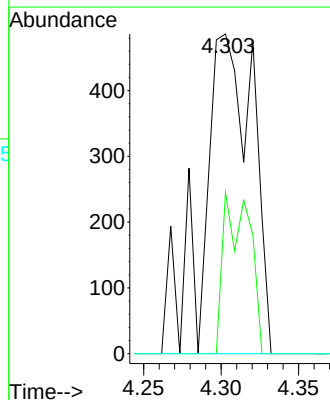
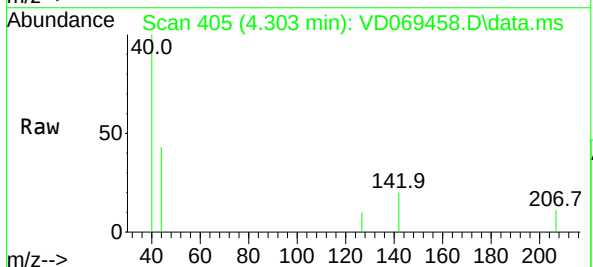
Instrument :
MSVOA_D
ClientSampleId :

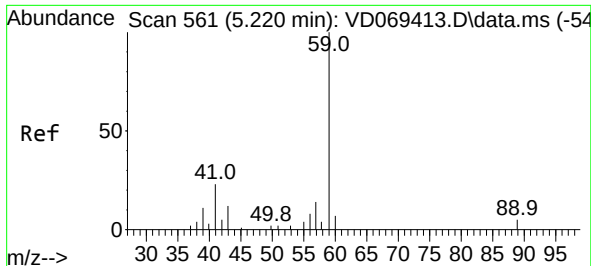
Tgt Ion:168 Resp: 279994
Ion Ratio Lower Upper
168 100
99 55.9 46.2 69.2



#10
Methyl Iodide
Concen: 3.616 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion:142 Resp: 1019
Ion Ratio Lower Upper
142 100
127 28.3 36.2 54.2#
141 0.0 12.2 18.2#

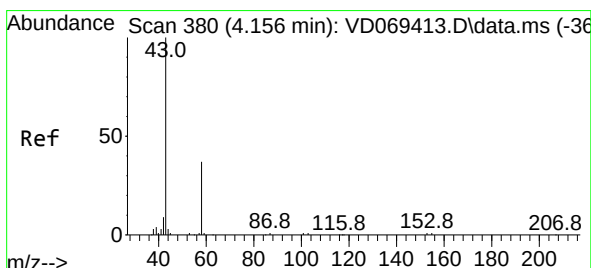
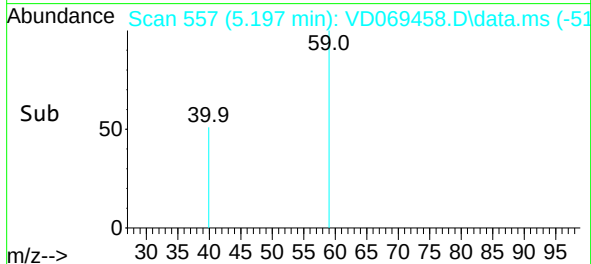
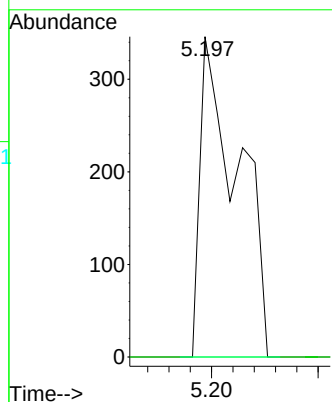
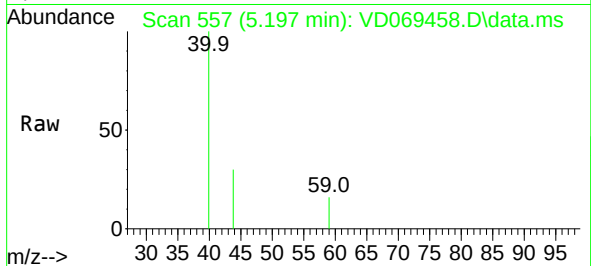




#11
Tert butyl alcohol
Concen: 2.606 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

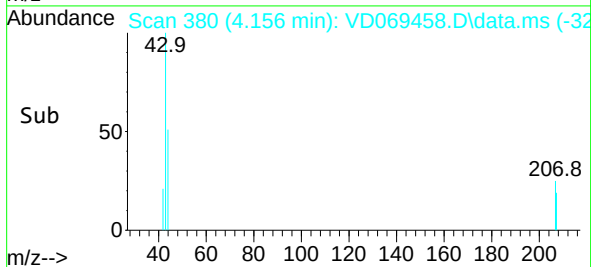
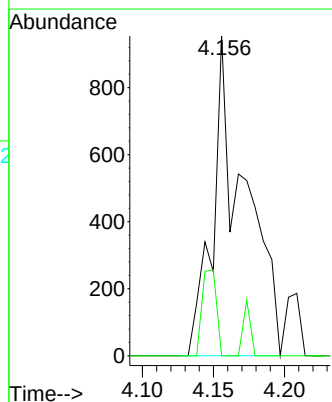
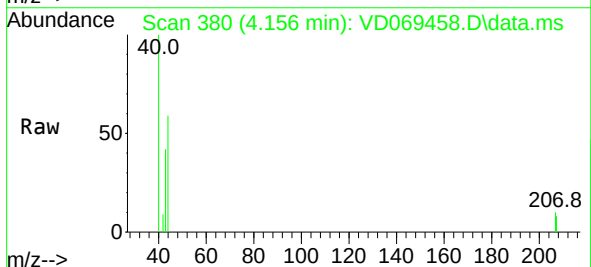
Instrument :
MSVOA_D
ClientSampled :

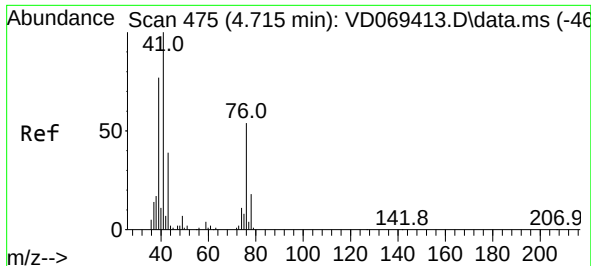
Tgt Ion: 59 Resp: 428
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.840 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

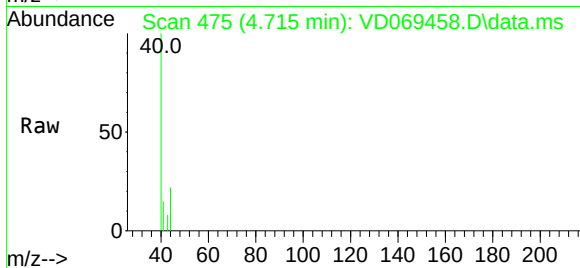
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



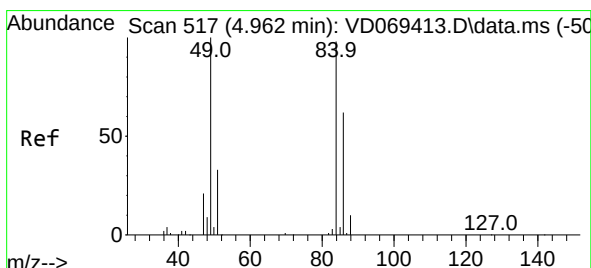
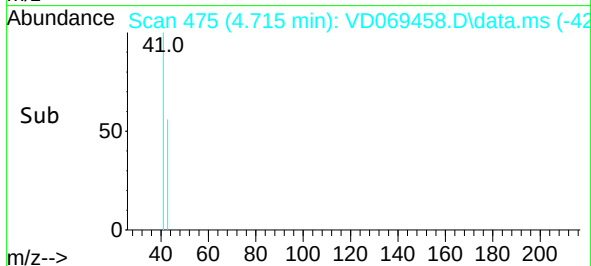
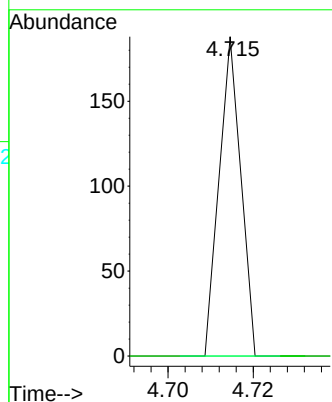


#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Instrument :
MSVOA_D
ClientSampled :

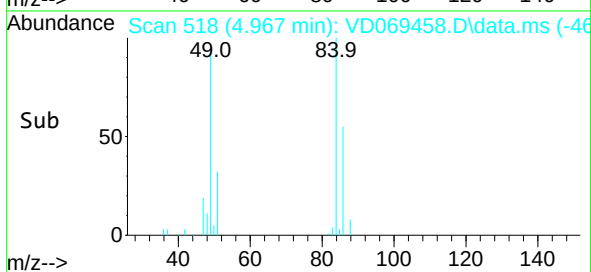
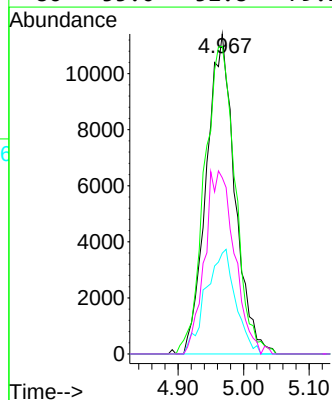
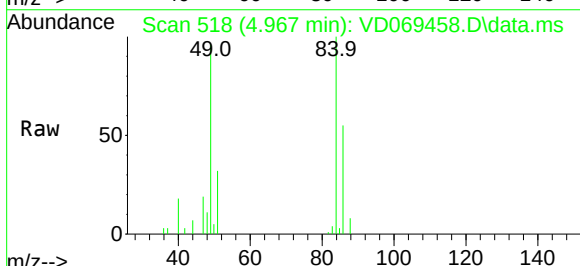


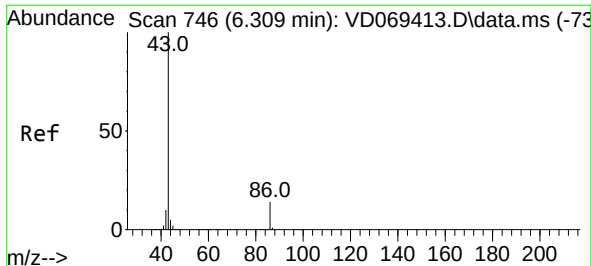
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 2.540 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 84 Resp: 34415
Ion Ratio Lower Upper
84 100
49 96.2 83.7 125.5
51 31.5 26.4 39.6
86 55.0 52.8 79.2

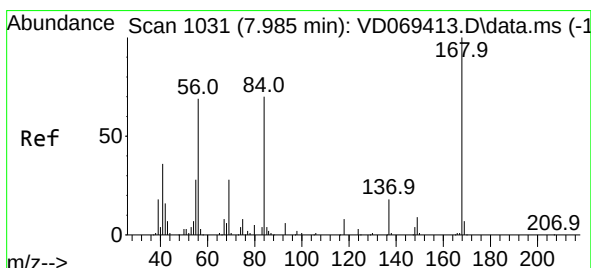
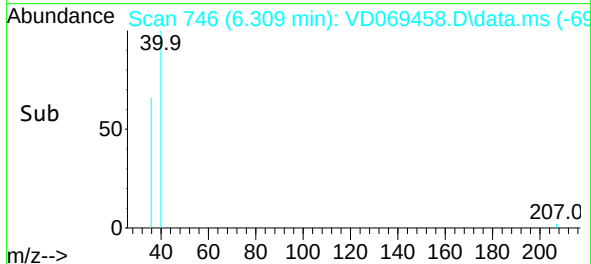
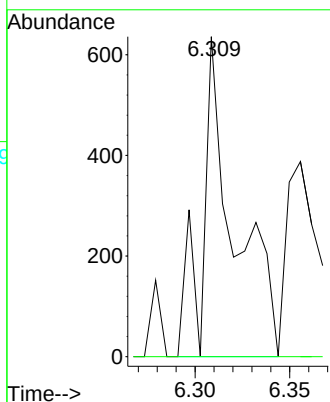
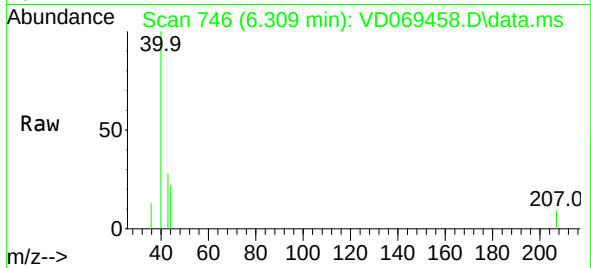




#23
 Vinyl Acetate
 Concen: 17.732 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD069458.D
 Acq: 16 Jun 2021 11:07

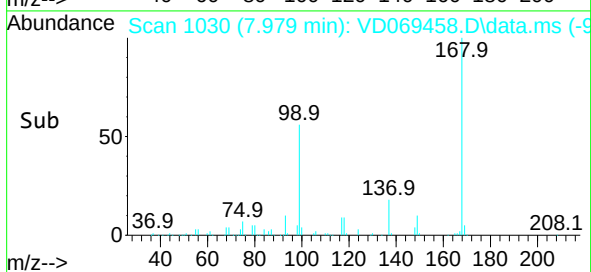
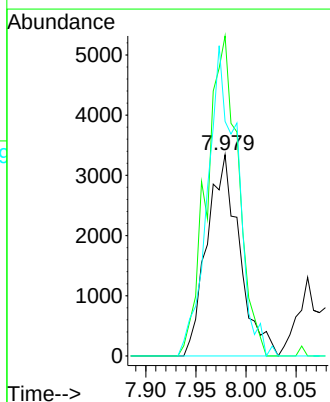
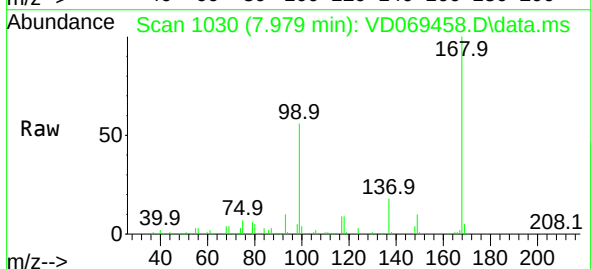
Instrument :
 MSVOA_D
 ClientSampleId :

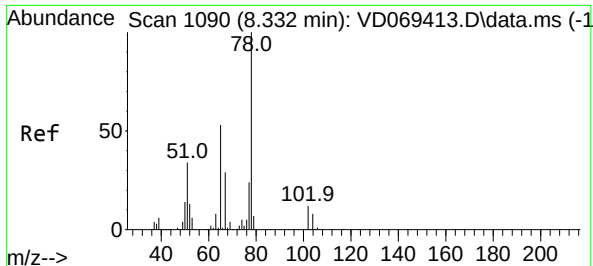
Tgt Ion: 43 Resp: 745
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.758 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069458.D
 Acq: 16 Jun 2021 11:07

Tgt Ion: 56 Resp: 7544
 Ion Ratio Lower Upper
 56 100
 69 159.0 29.0 43.4#
 84 116.6 81.1 121.7



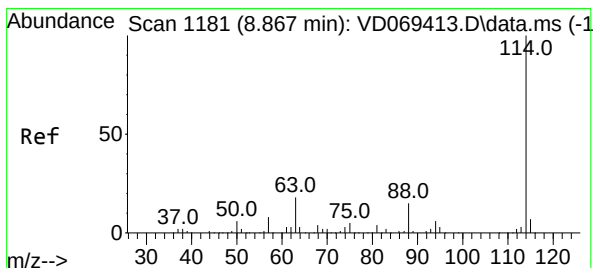
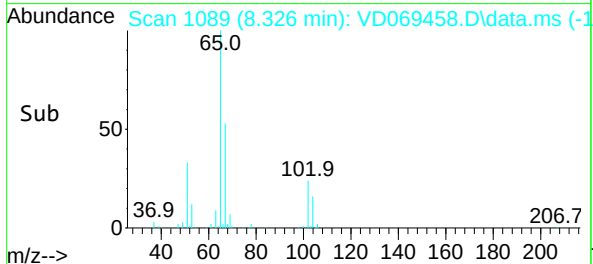
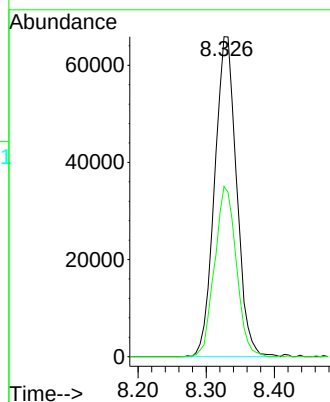
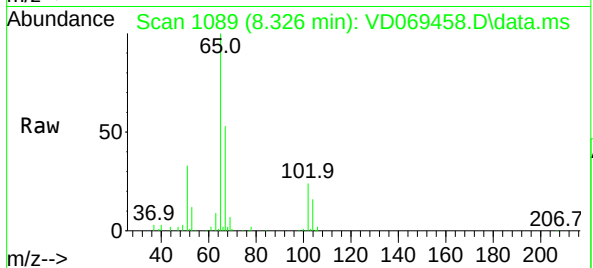


#33

1,2-Dichloroethane-d4
Concen: 46.832 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :

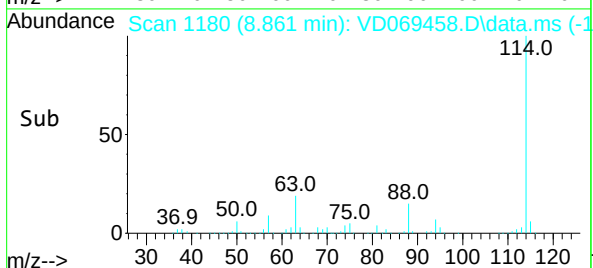
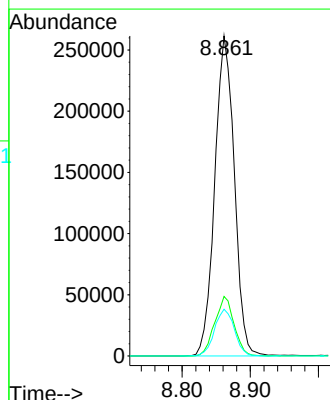
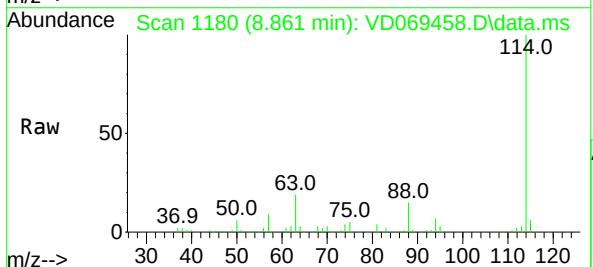
Tgt Ion: 65 Resp: 147933
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8

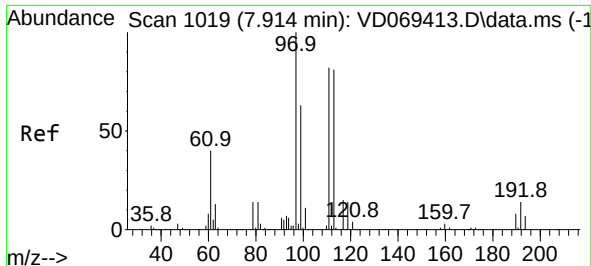


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 114 Resp: 522756
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 14.6 0.0 31.2

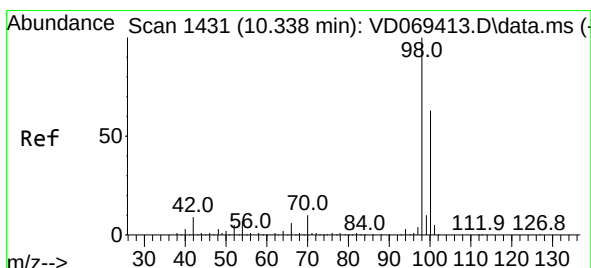
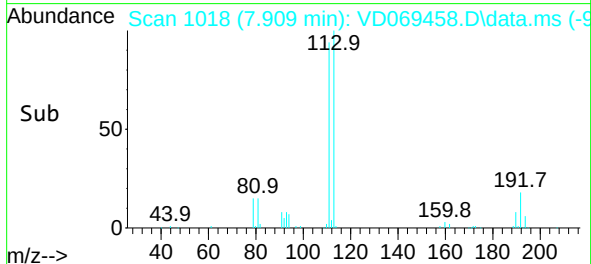
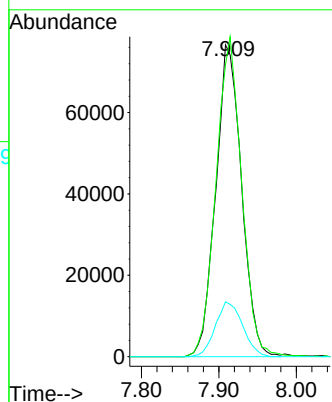
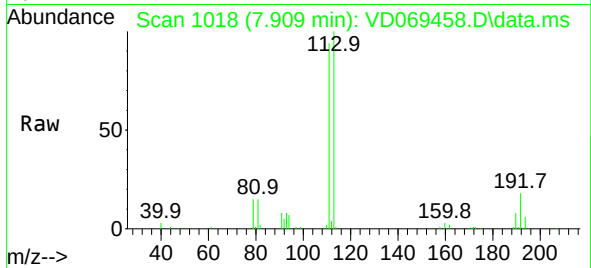




#35
Dibromofluoromethane
Concen: 45.401 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

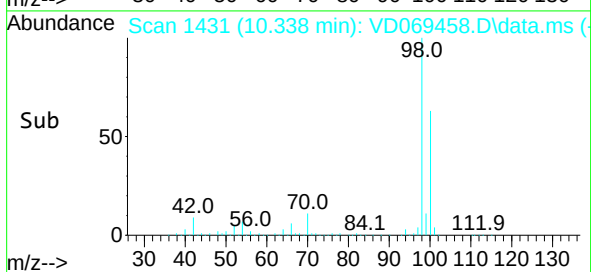
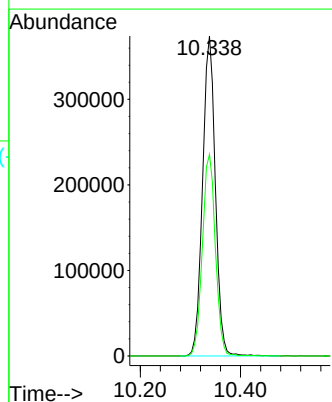
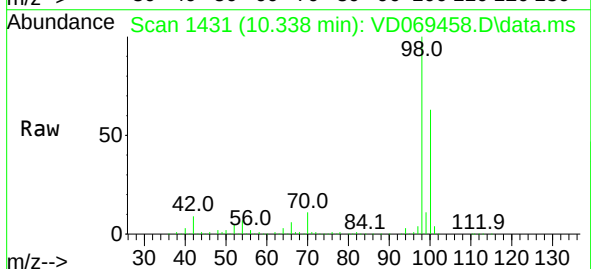
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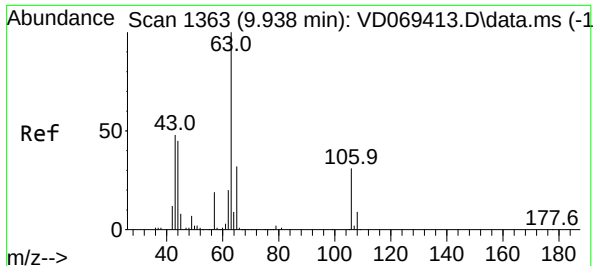
Tgt Ion:113 Resp: 177765
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 18.5 15.1 22.7



#50
Toluene-d8
Concen: 46.160 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 98 Resp: 661045
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

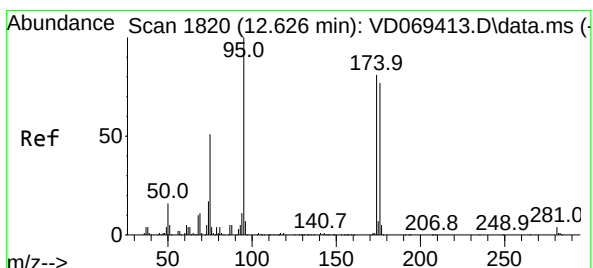
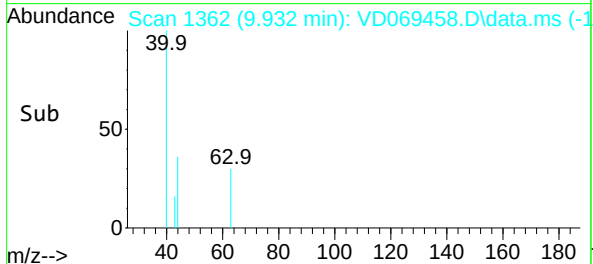
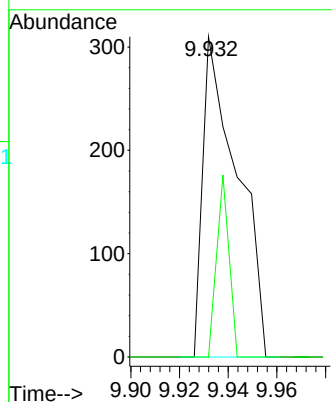
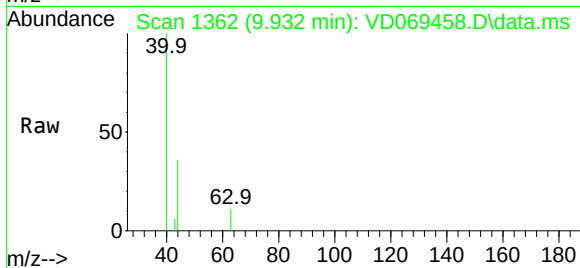




#58
2-Chloroethyl Vinyl ether
Concen: 12.105 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

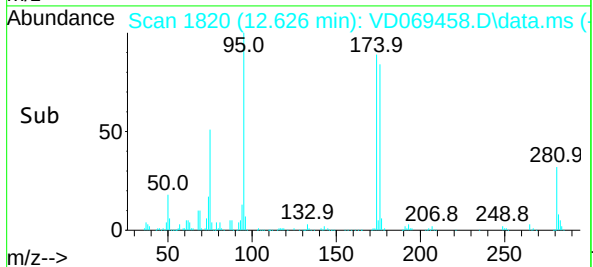
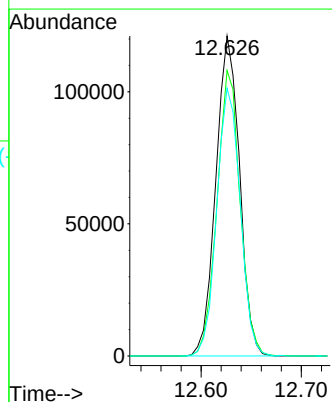
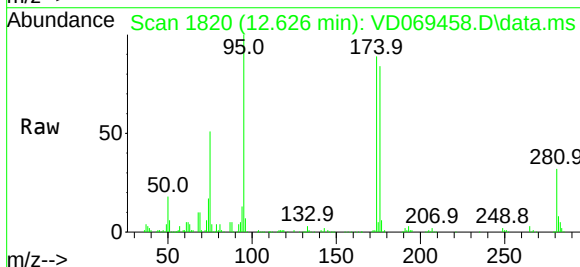
Instrument :
MSVOA_D
ClientSampled :

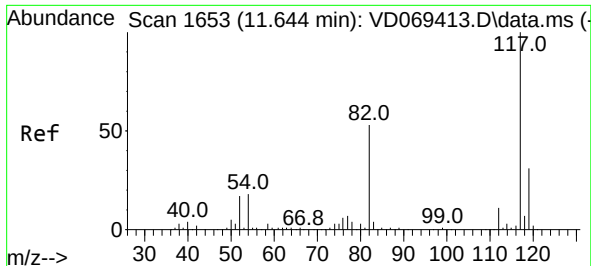
Tgt Ion: 63 Resp: 305
Ion Ratio Lower Upper
63 100
106 20.3 24.8 37.2#



#62
4-Bromofluorobenzene
Concen: 43.231 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 95 Resp: 198645
Ion Ratio Lower Upper
95 100
174 87.1 0.0 162.8
176 82.9 0.0 154.4

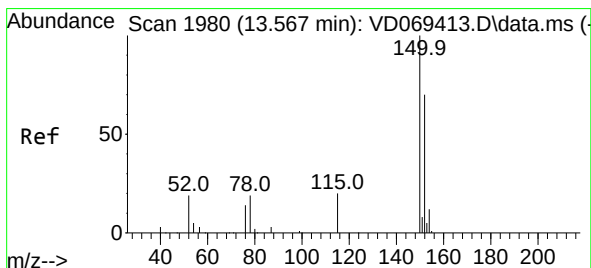
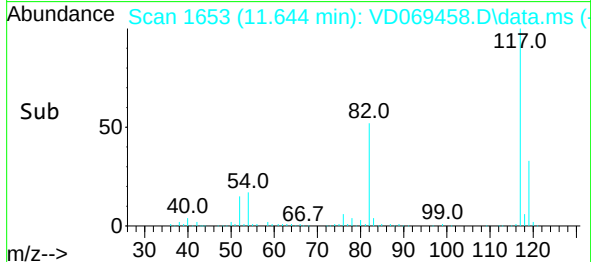
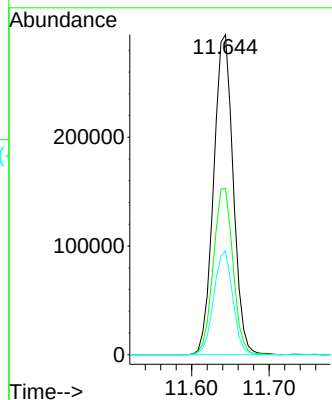
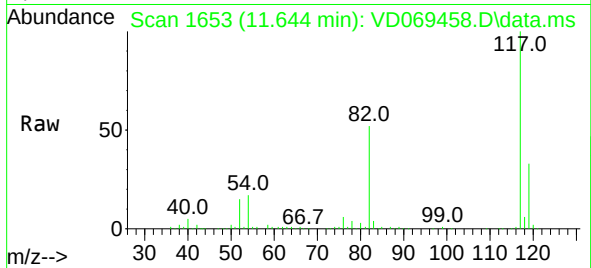




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

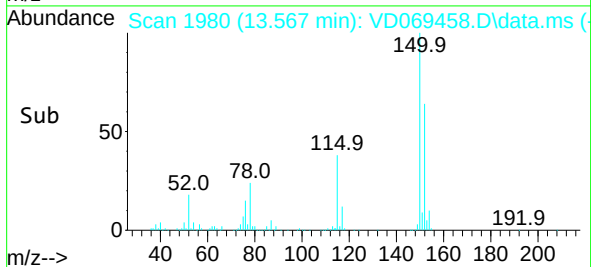
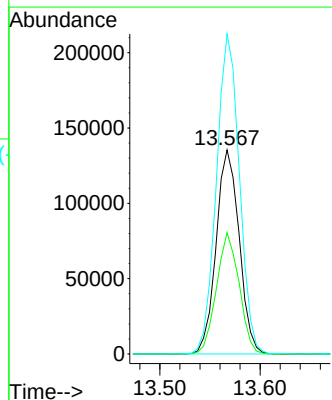
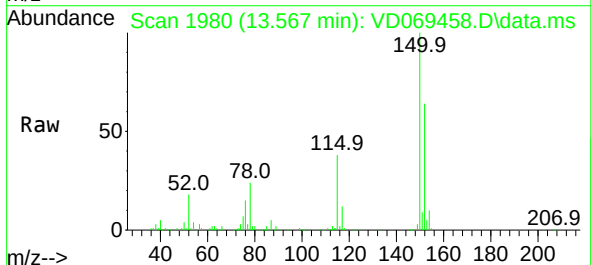
Instrument :
MSVOA_D
ClientSampleId :

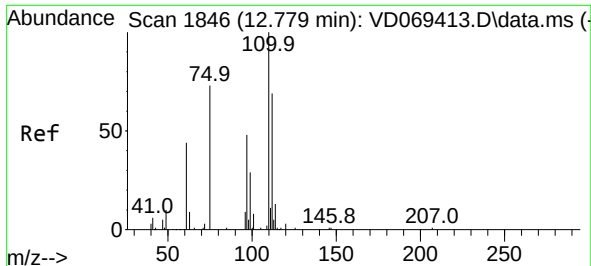
Tgt Ion:117 Resp: 517455
Ion Ratio Lower Upper
117 100
82 52.1 43.3 64.9
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion:152 Resp: 216065
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 156.6 0.0 355.0

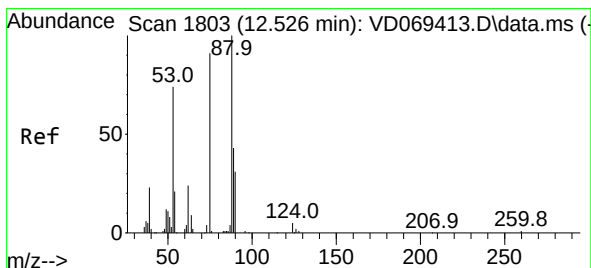
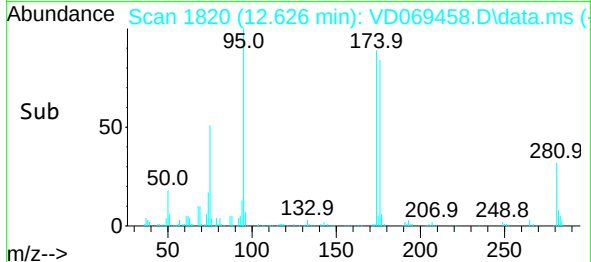
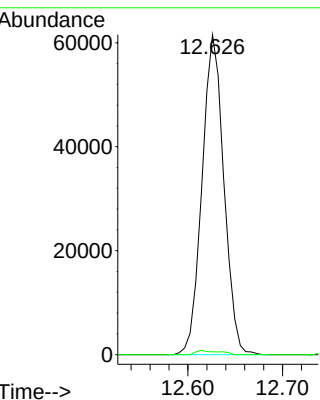
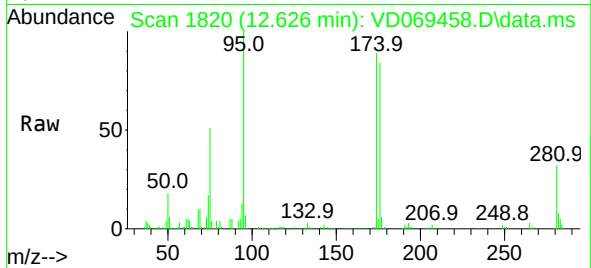




#76
1,2,3-Trichloropropane
Concen: 44.904 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

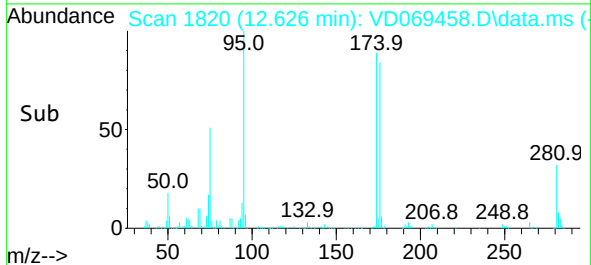
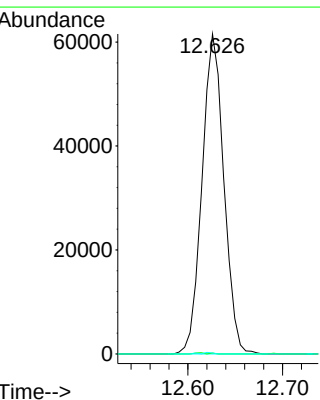
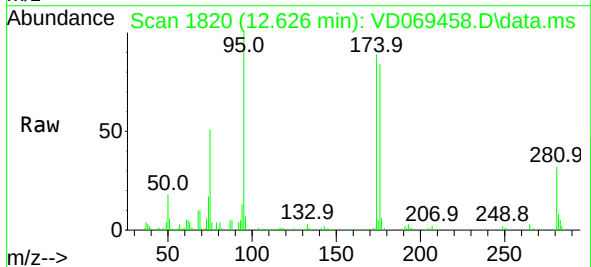
Instrument :
MSVOA_D
ClientSampleId :

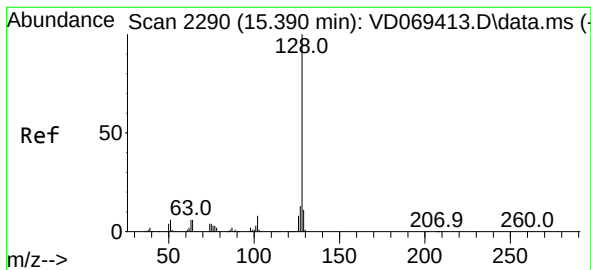
Tgt Ion: 75 Resp: 98363
Ion Ratio Lower Upper
75 100
77 1.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.791 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 75 Resp: 98363
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.3 35.6 53.4#





#95
Naphthalene
Concen: 3.850 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2253
Ion Ratio Lower Upper
128 100
127 5.6 10.4 15.6#
129 4.4 8.8 13.2#

