

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069424.D
 Acq On : 14 Jun 2021 13:58
 Operator : VA/SY
 Sample : M2678-07RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 07:26:29 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	247465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	453756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	466885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	205197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	161473	57.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.68%
35) Dibromofluoromethane	7.920	113	94284	27.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.48%
50) Toluene-d8	10.338	98	572798	46.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.16%
62) 4-Bromofluorobenzene	12.626	95	184289	46.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.42%

Target Compounds

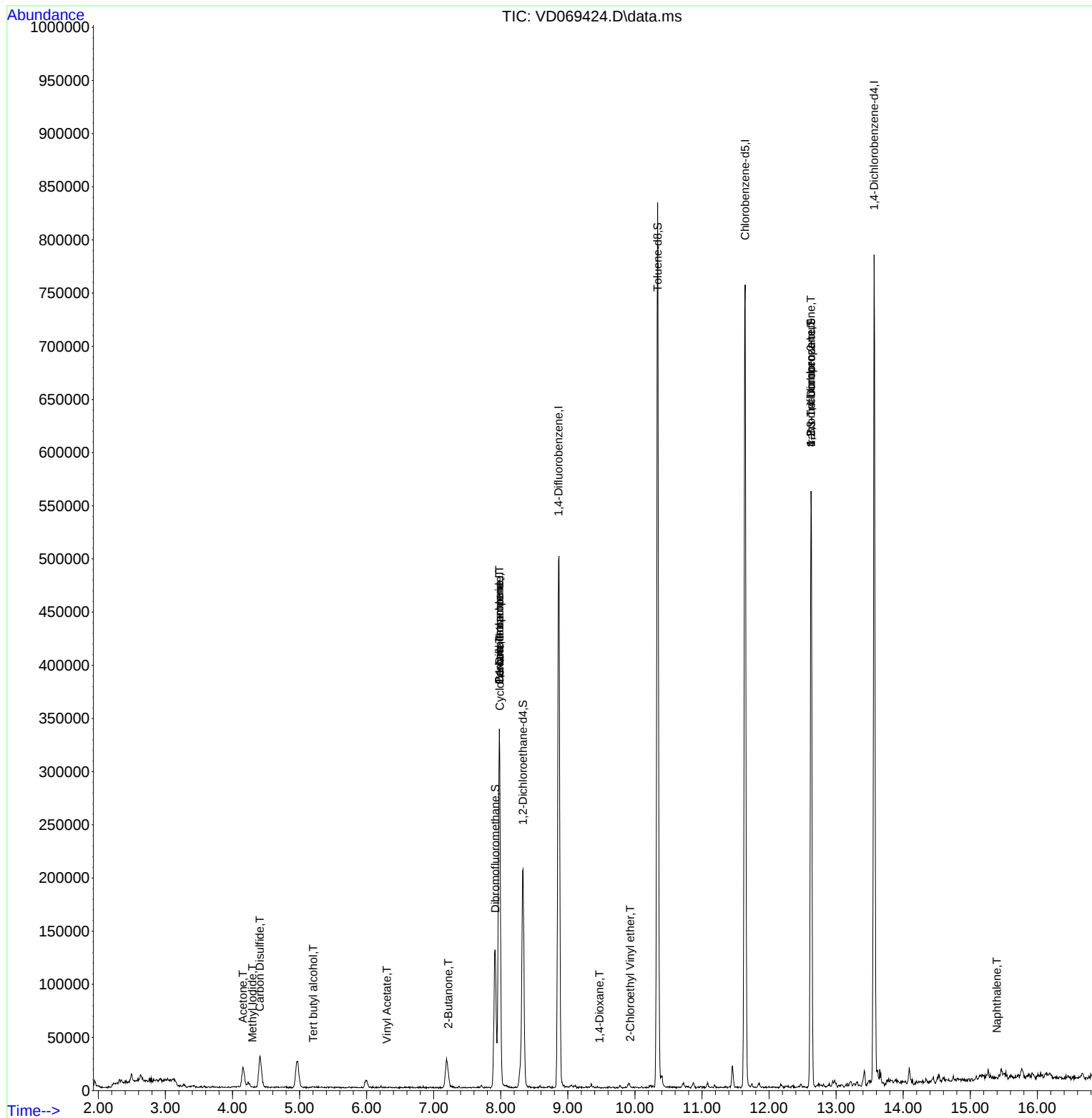
						Qvalue
5) Bromomethane	2.785	94	925	Below Cal	#	80
10) Methyl Iodide	4.297	142	311	3.43	ug/l #	70
11) Tert butyl alcohol	5.203	59	832	5.73	ug/l #	73
16) Acetone	4.156	43	33174	71.79	ug/l	100
17) Carbon Disulfide	4.409	76	61601	7.26	ug/l	99
18) Methyl Acetate	4.673	43	64	Below Cal	#	46
20) Methylene Chloride	4.956	84	22579	Below Cal		94
23) Vinyl Acetate	6.303	43	133	17.61	ug/l #	67
25) 2-Butanone	7.220	43	6471	11.23	ug/l	90
31) Cyclohexane	7.985	56	5885	1.55	ug/l #	62
36) 1,1-Dichloropropene	7.979	75	19879	4.21	ug/l #	48
38) Carbon Tetrachloride	7.979	117	24924	4.87	ug/l #	15
49) 1,4-Dioxane	9.473	88	58	3.10	ug/l #	27
58) 2-Chloroethyl Vinyl ether	9.932	63	60	11.98	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	88899	42.73	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	88899	114.00	ug/l #	18
95) Naphthalene	15.396	128	898	3.69	ug/l #	81

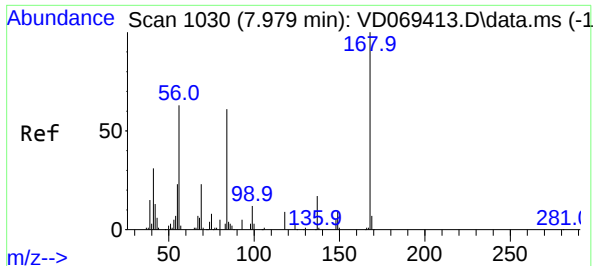
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
Data File : VD069424.D
Acq On : 14 Jun 2021 13:58
Operator : VA/SY
Sample : M2678-07RE
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 15 07:26:29 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

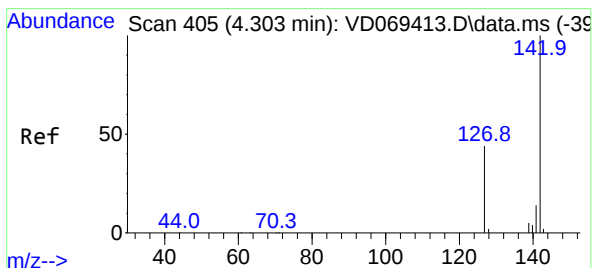
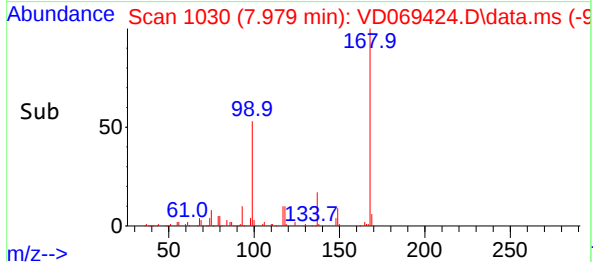
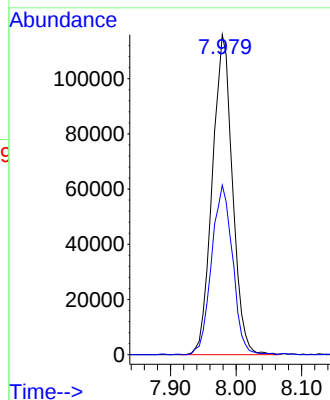
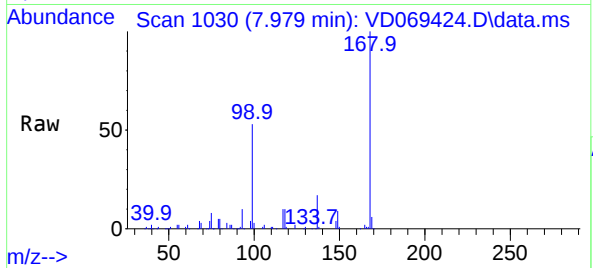




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

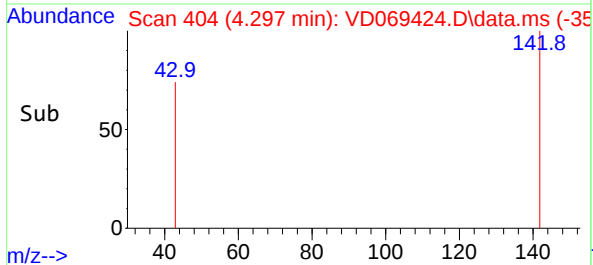
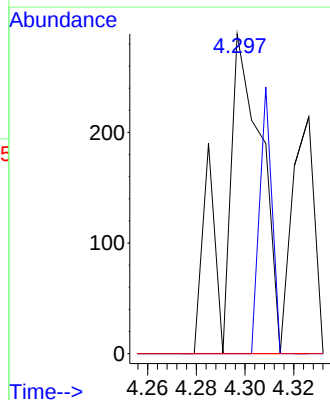
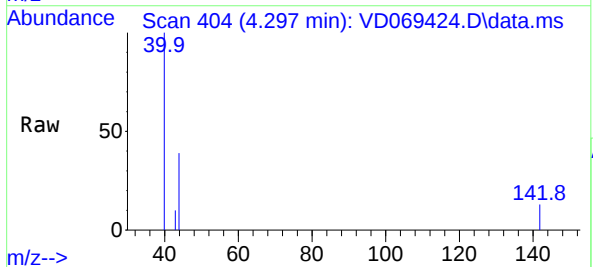
Instrument :
MSVOA_D
ClientSampled :

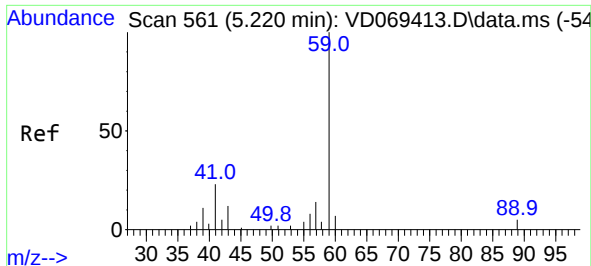
Tgt Ion:168 Resp: 247465
Ion Ratio Lower Upper
168 100
99 52.8 46.2 69.2



#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion:142 Resp: 311
Ion Ratio Lower Upper
142 100
127 27.3 36.2 54.2#
141 0.0 12.2 18.2#

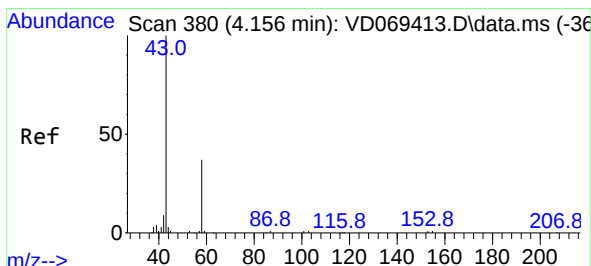
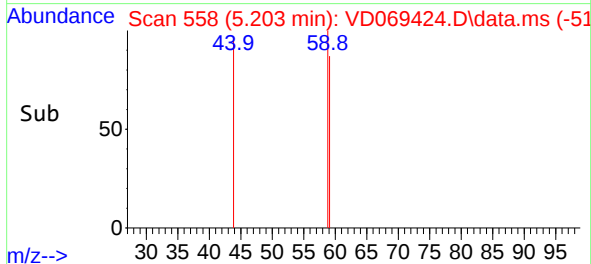
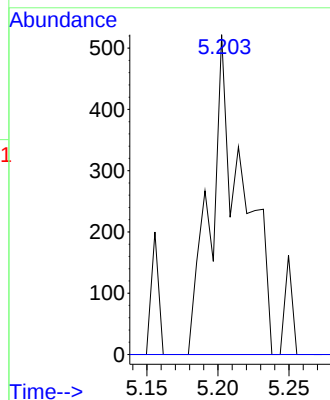
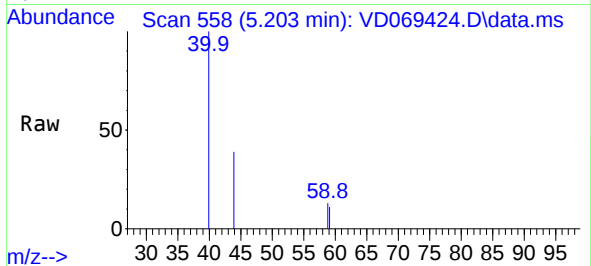




#11
Tert butyl alcohol
Concen: 5.73 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

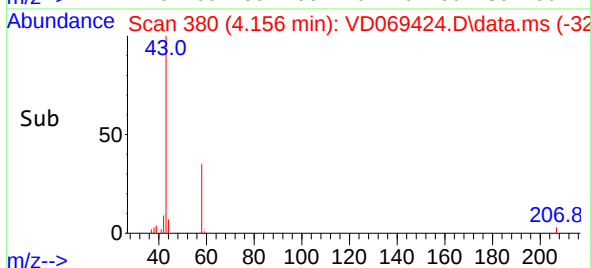
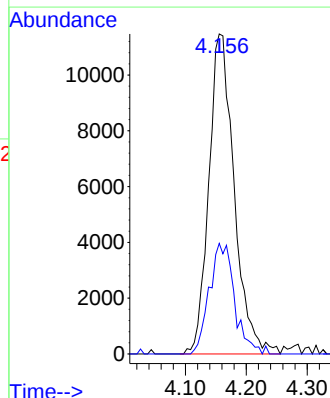
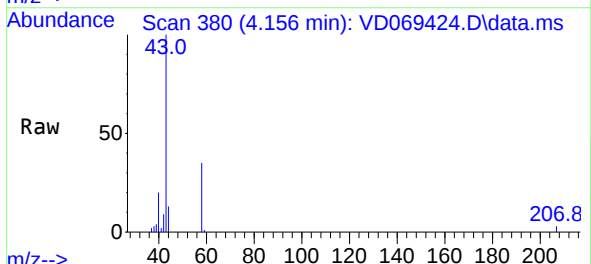
Instrument :
MSVOA_D
ClientSampled :

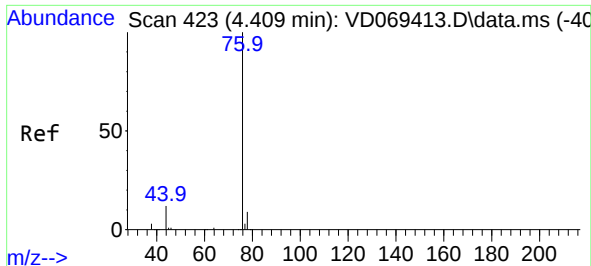
Tgt Ion: 59 Resp: 832
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 71.79 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 43 Resp: 33174
Ion Ratio Lower Upper
43 100
58 34.5 27.5 41.3

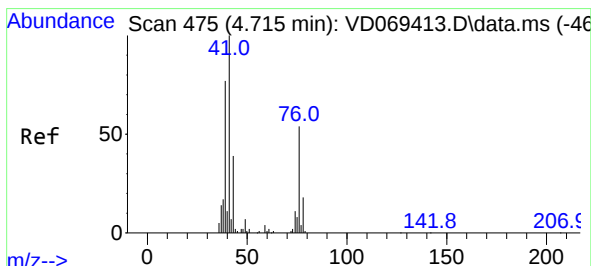
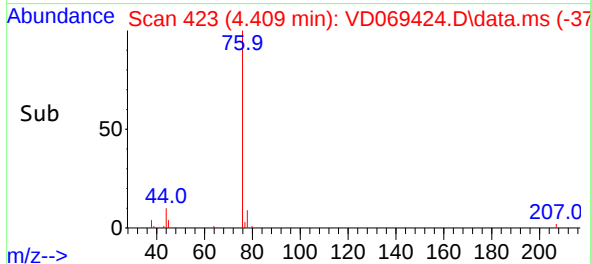
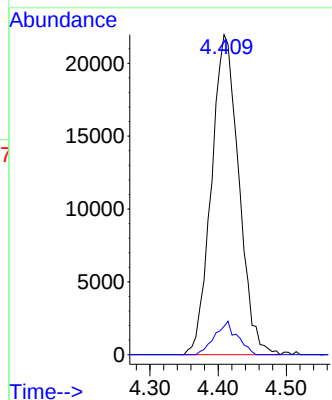
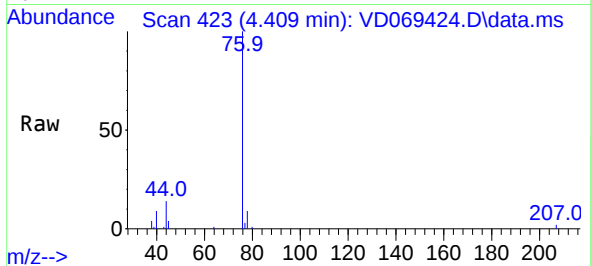




#17
Carbon Disulfide
Concen: 7.26 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

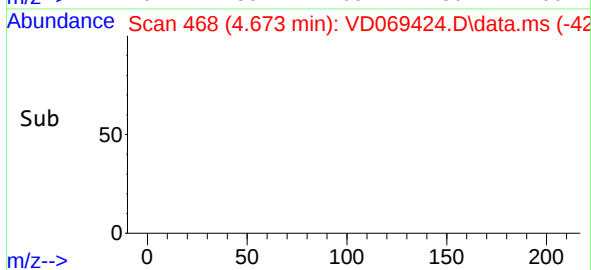
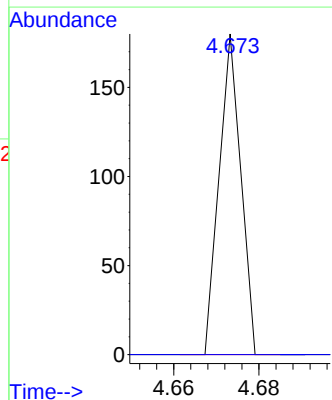
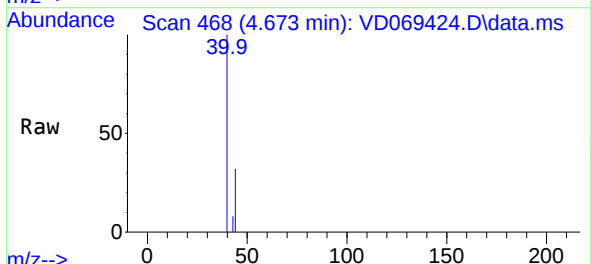
Instrument :
MSVOA_D
ClientSampled :

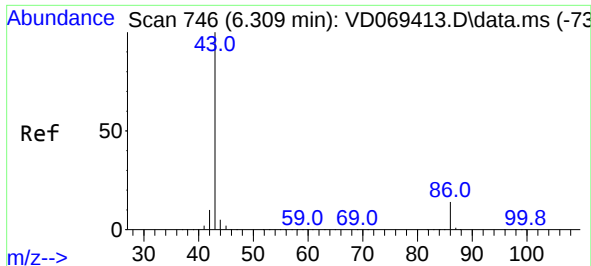
Tgt Ion: 76 Resp: 61601
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.673 min Scan# 468
Delta R.T. -0.042 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

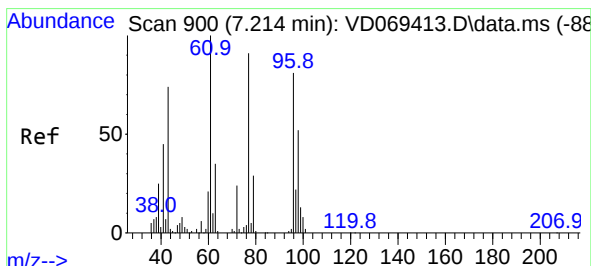
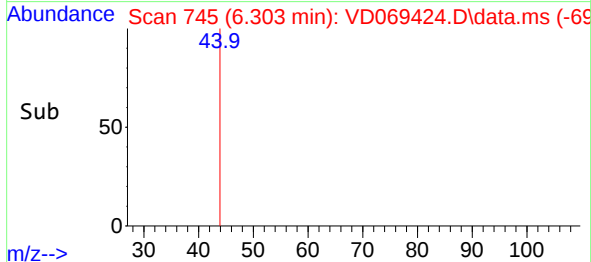
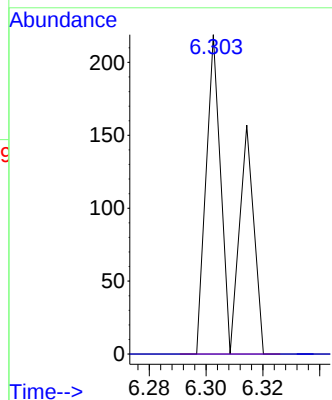
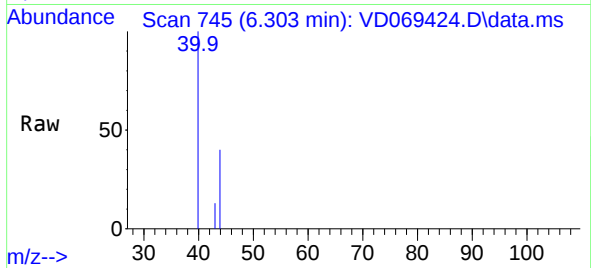




#23
 Vinyl Acetate
 Concen: 17.61 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069424.D
 Acq: 14 Jun 2021 13:58

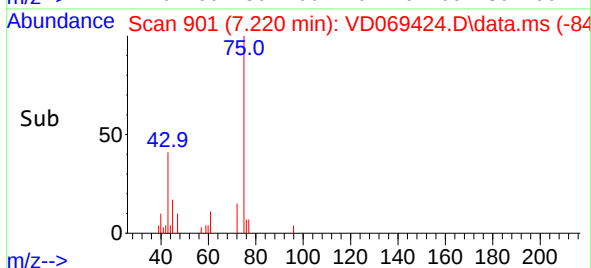
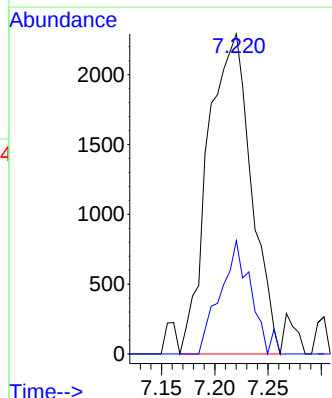
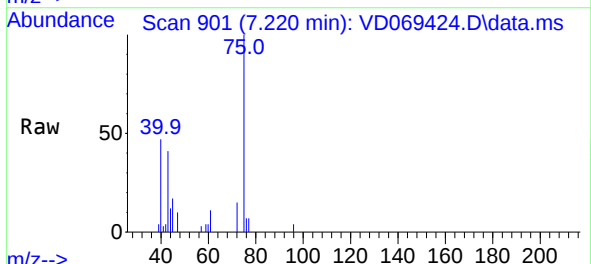
Instrument :
 MSVOA_D
 ClientSampleId :

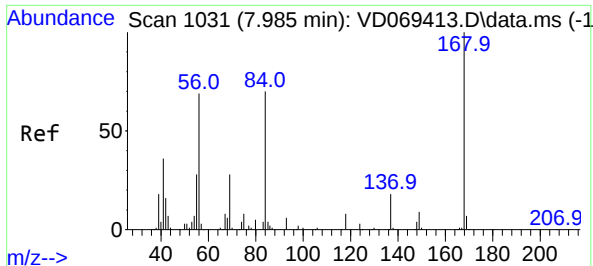
Tgt Ion: 43 Resp: 133
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#25
 2-Butanone
 Concen: 11.23 ug/l
 RT: 7.220 min Scan# 901
 Delta R.T. 0.006 min
 Lab File: VD069424.D
 Acq: 14 Jun 2021 13:58

Tgt Ion: 43 Resp: 6471
 Ion Ratio Lower Upper
 43 100
 72 35.4 23.9 35.9





#31

Cyclohexane

Concen: 1.55 ug/l

RT: 7.985 min Scan# 1031

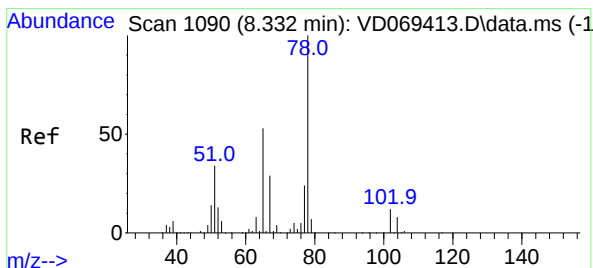
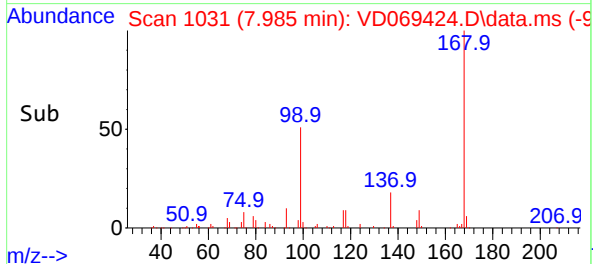
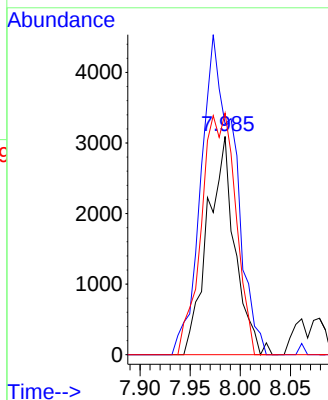
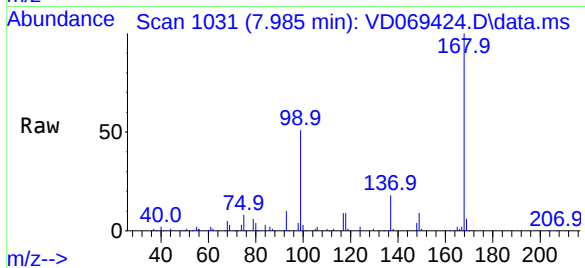
Delta R.T. -0.000 min

Lab File: VD069424.D

Acq: 14 Jun 2021 13:58

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 56 Resp: 5885
Ion Ratio Lower Upper
56 100
69 105.7 29.0 43.4#
84 110.7 81.1 121.7



#33

1,2-Dichloroethane-d4

Concen: 57.84 ug/l

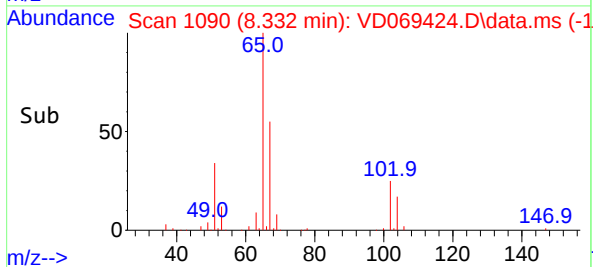
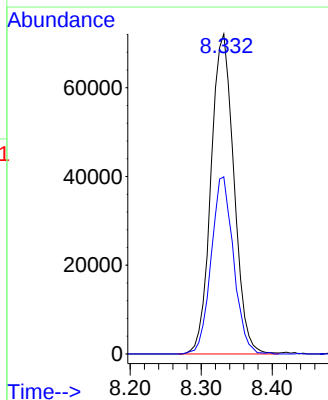
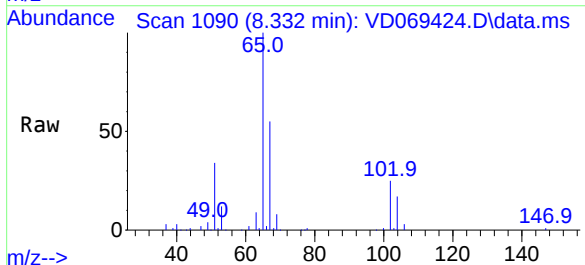
RT: 8.332 min Scan# 1090

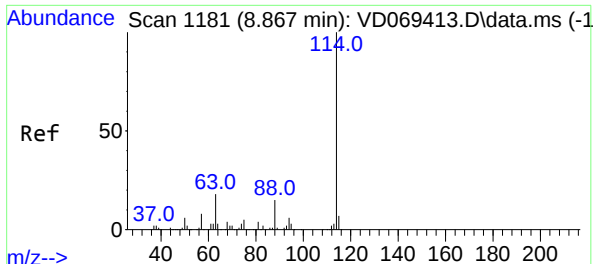
Delta R.T. -0.000 min

Lab File: VD069424.D

Acq: 14 Jun 2021 13:58

Tgt Ion: 65 Resp: 161473
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8



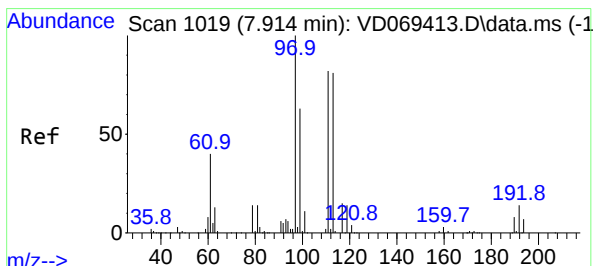
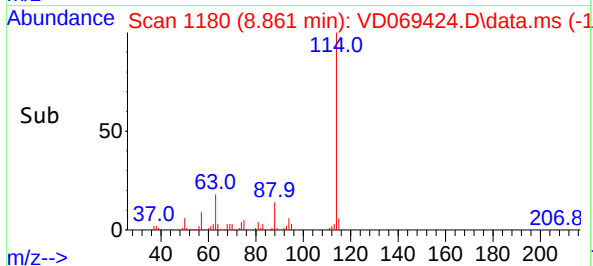
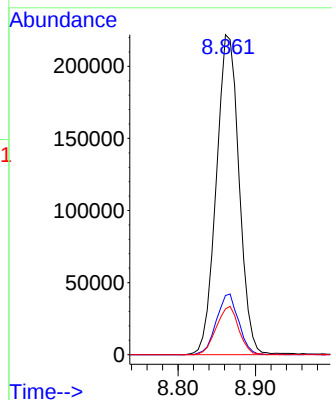
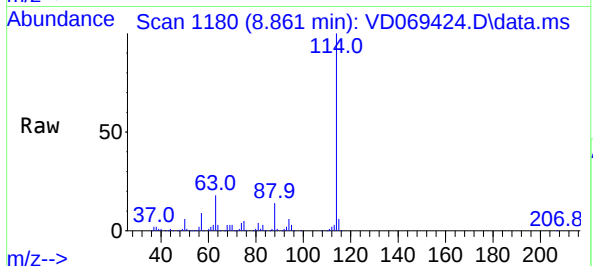


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Instrument :
MSVOA_D
ClientSampled :

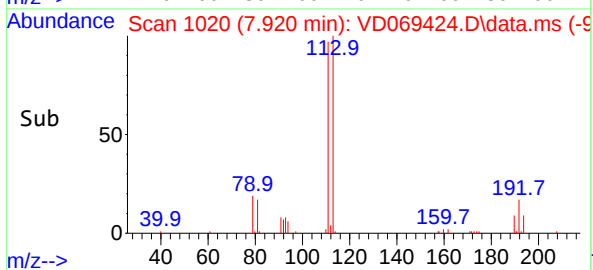
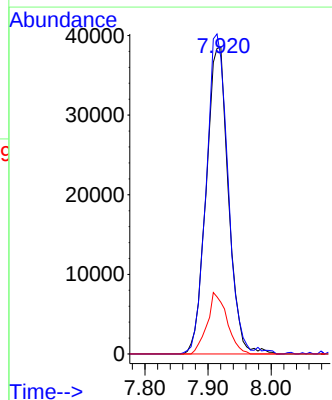
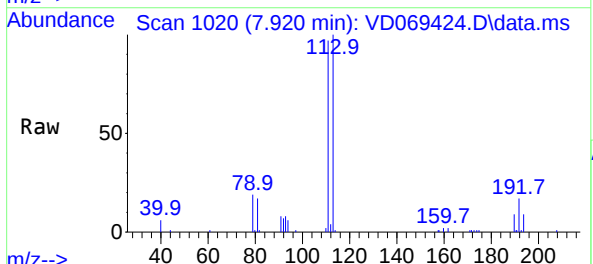
Tgt Ion:114 Resp: 453756
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.6
88 14.3 0.0 31.2

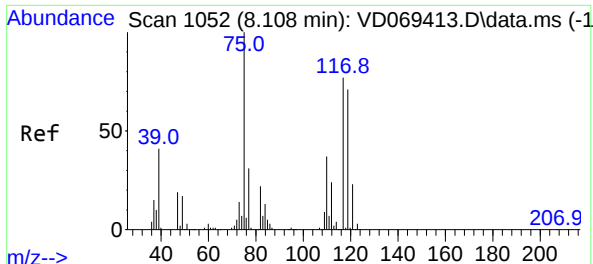


#35

Dibromofluoromethane
Concen: 27.74 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion:113 Resp: 94284
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 17.9 15.1 22.7

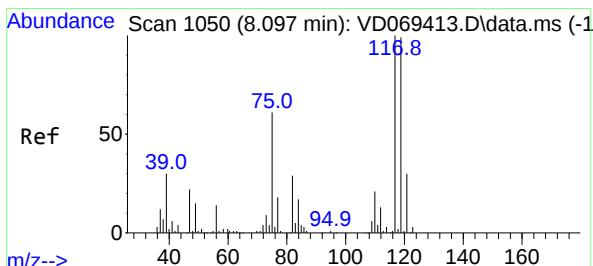
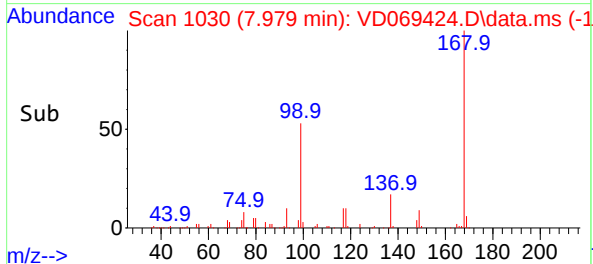
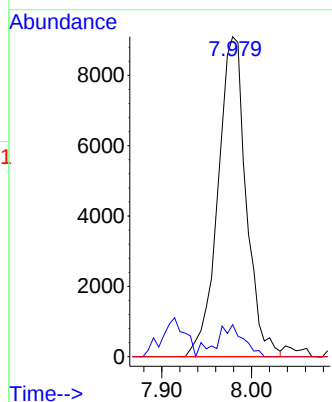
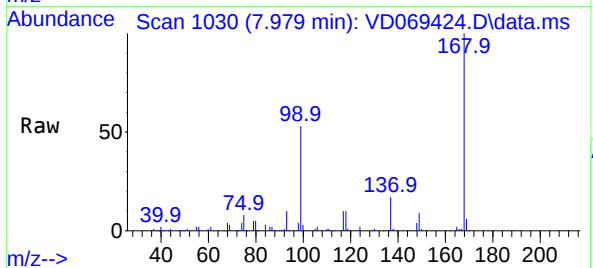




#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

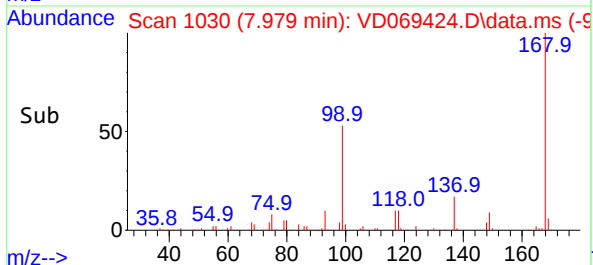
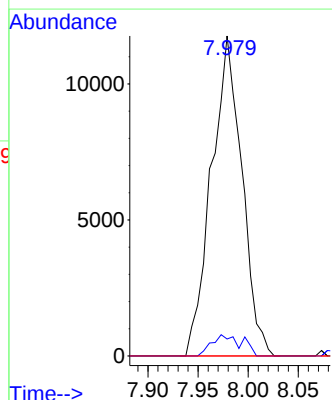
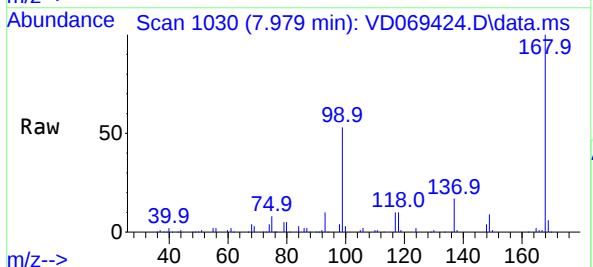
Instrument :
MSVOA_D
ClientSampled :

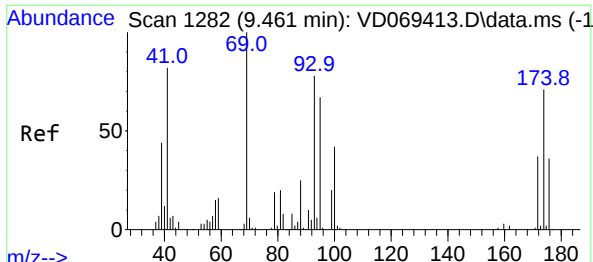
Tgt Ion: 75 Resp: 19879
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.87 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 117 Resp: 24924
Ion Ratio Lower Upper
117 100
119 5.3 79.4 119.2#
121 0.0 26.1 39.1#

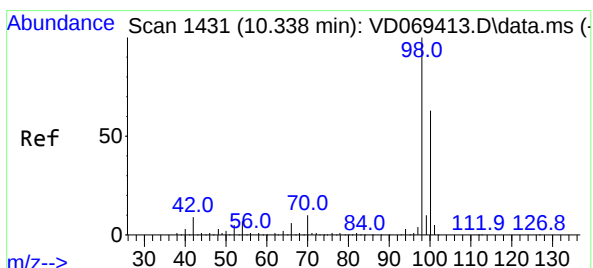
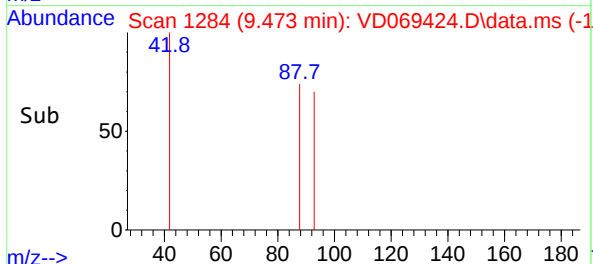
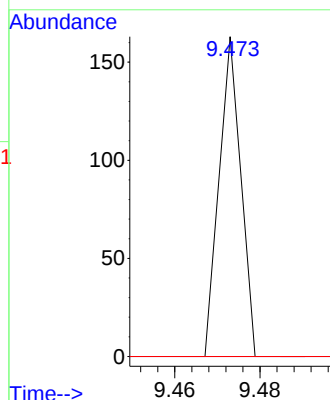
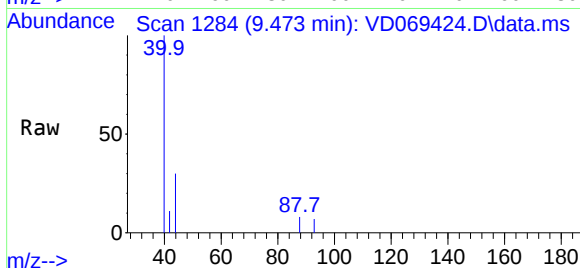




#49
1,4-Dioxane
Concen: 3.10 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.012 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

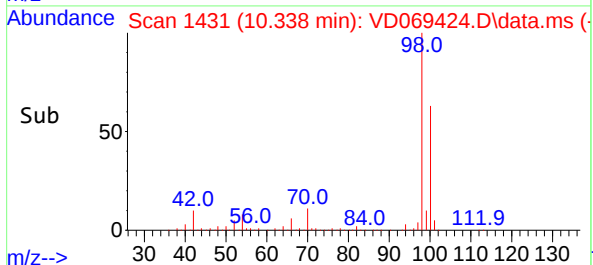
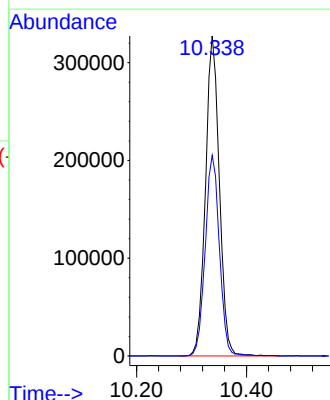
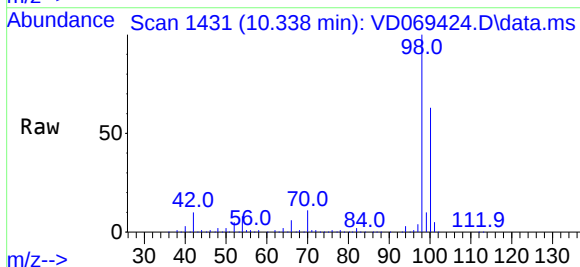
Instrument :
MSVOA_D
ClientSampled :

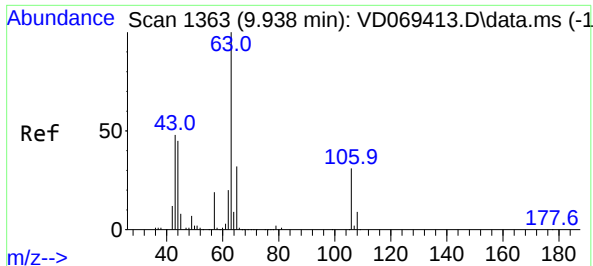
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 50.2 75.4#



#50
Toluene-d8
Concen: 46.08 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 98 Resp: 572798
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

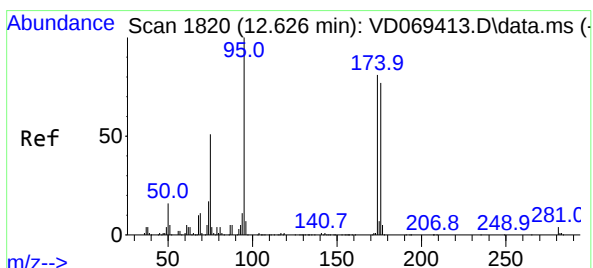
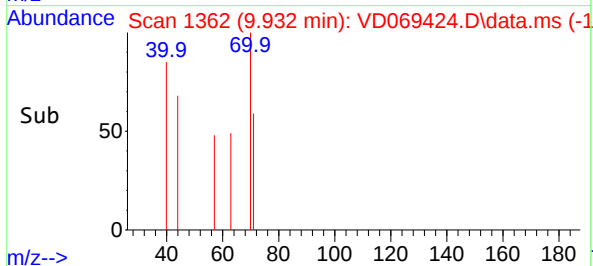
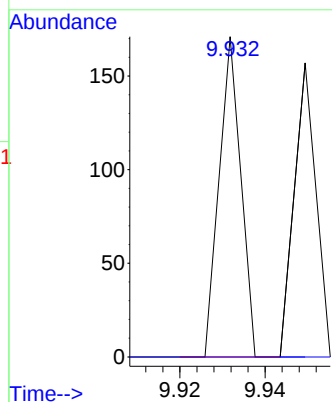
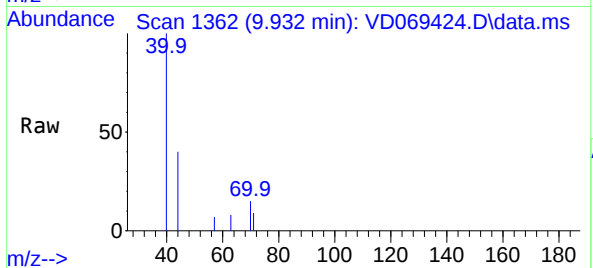




#58
2-Chloroethyl Vinyl ether
Concen: 11.98 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

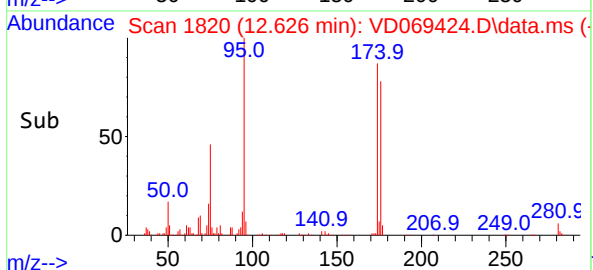
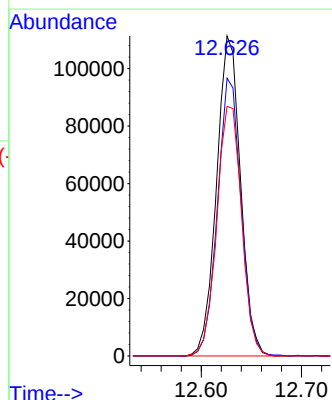
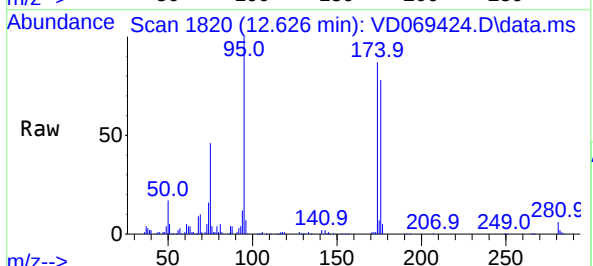
Instrument :
MSVOA_D
ClientSampled :

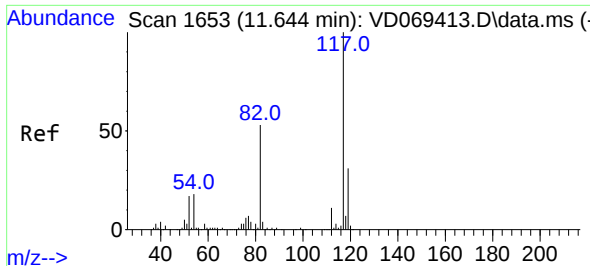
Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#



#62
4-Bromofluorobenzene
Concen: 46.21 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 95 Resp: 184289
Ion Ratio Lower Upper
95 100
174 86.2 0.0 162.8
176 80.8 0.0 154.4

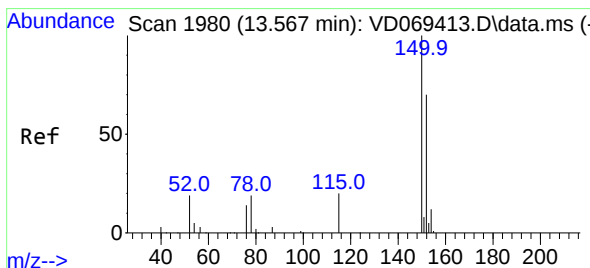
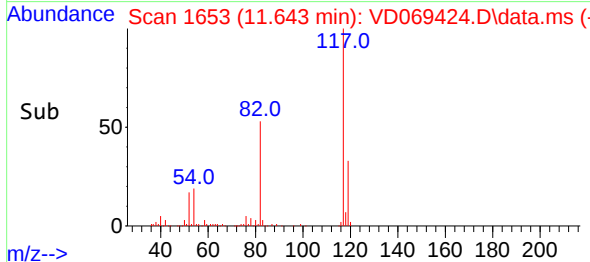
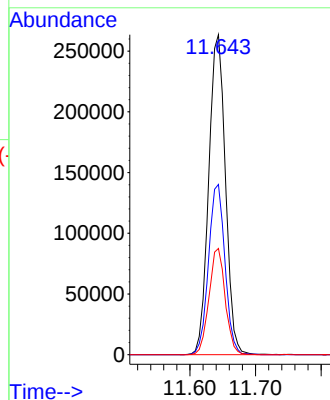
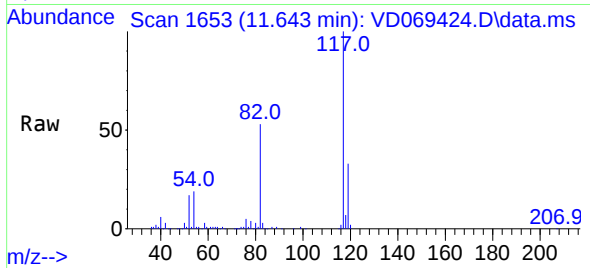




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

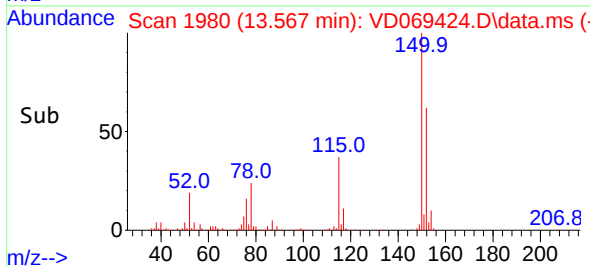
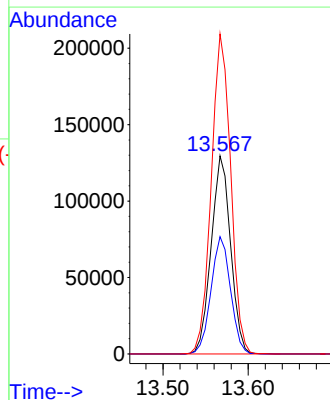
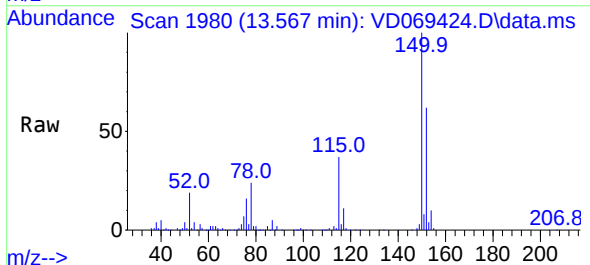
Instrument :
MSVOA_D
ClientSampleId :

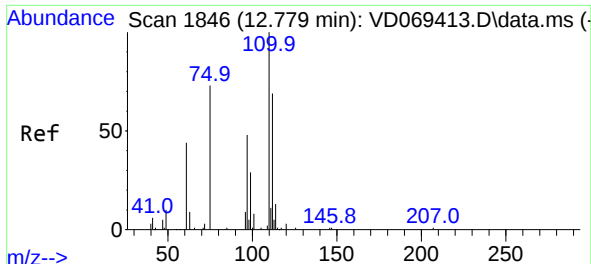
Tgt Ion:	117	Resp:	466885
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.3	64.9
119	33.2	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

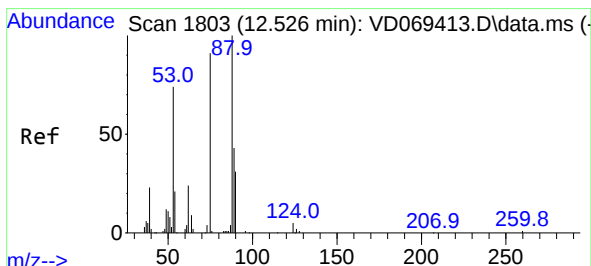
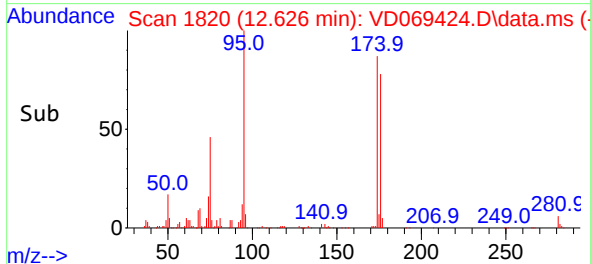
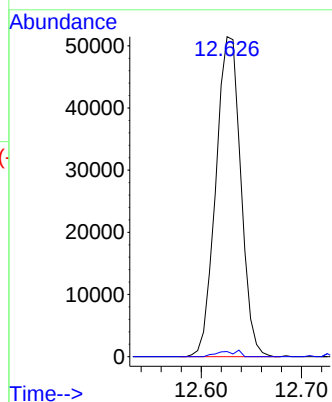
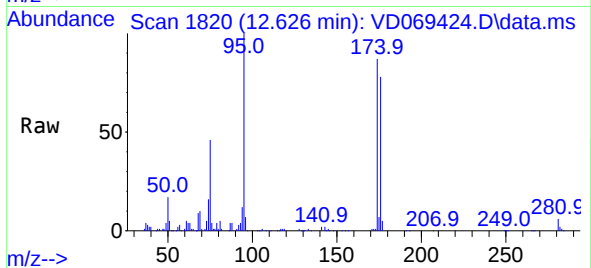
Tgt Ion:	152	Resp:	205197
Ion Ratio	Lower	Upper	
152	100		
115	59.4	29.4	88.3
150	161.3	0.0	355.0





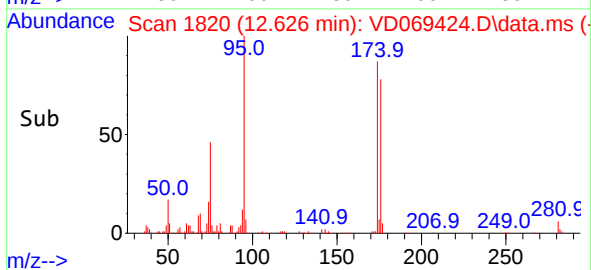
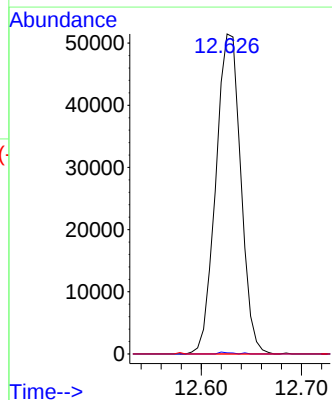
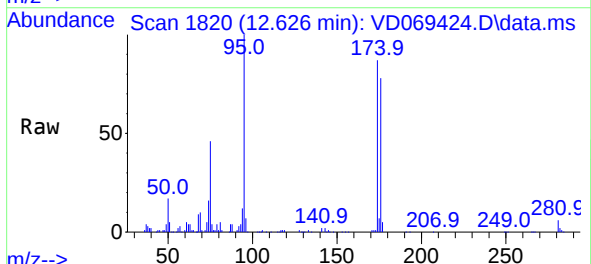
#76
1,2,3-Trichloropropane
Concen: 42.73 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 75 Resp: 88899
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#

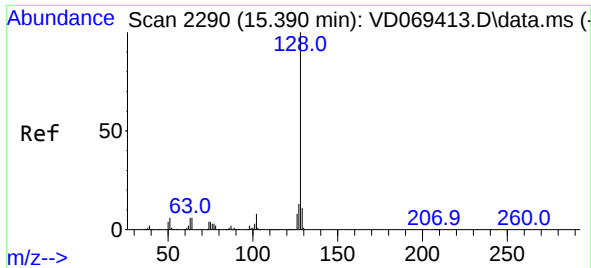


#81
trans-1,4-Dichloro-2-butene
Concen: 114.00 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Tgt Ion: 75 Resp: 88899
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.0 35.6 53.4#



Instrument :
MSVOA_D
ClientSampled :



#95
Naphthalene
Concen: 3.69 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069424.D
Acq: 14 Jun 2021 13:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	898
Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.4	15.6#
129	0.0	8.8	13.2#

