

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071659.D
 Acq On : 10 Jan 2022 16:04
 Operator : VA/SY
 Sample : N1076-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:09:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

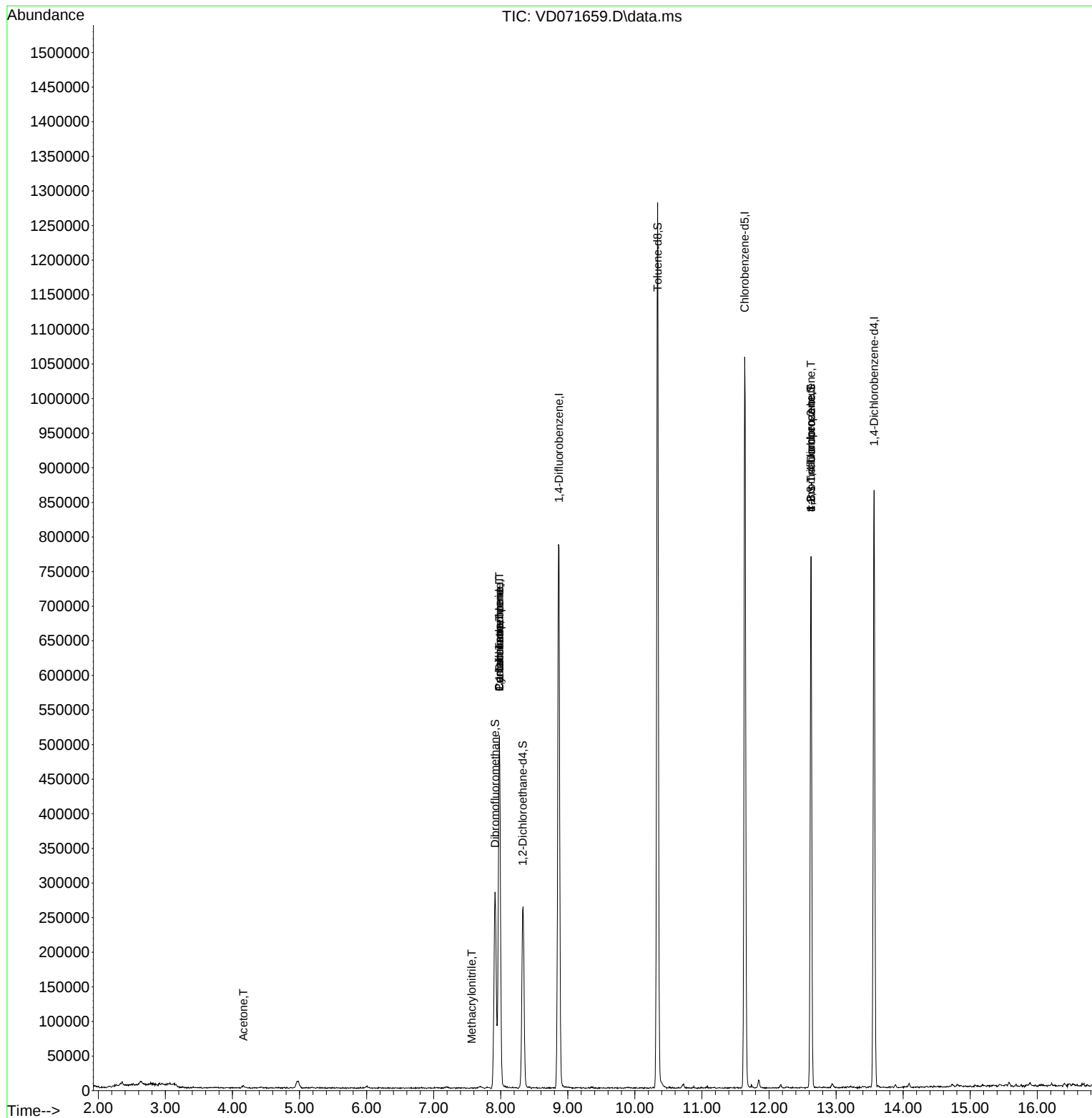
Internal Standards						
1) Pentafluorobenzene	7.979	168	343277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	631453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	548102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	209635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219798	49.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.914	113	197673	47.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.338	98	806112	51.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.626	95	232330	42.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	225	Below Cal	#	43
3) Chloromethane	2.221	50	784	Below Cal		92
5) Bromomethane	2.785	94	1216	Below Cal		87
11) Tert butyl alcohol	5.197	59	345	Below Cal	#	75
16) Acetone	4.162	43	3882	3.807 ug/l	#	64
18) Methyl Acetate	4.703	43	160	Below Cal	#	56
20) Methylene Chloride	4.967	84	7326	Below Cal	#	78
31) Cyclohexane	7.979	56	11221	2.144 ug/l	#	34
36) 1,1-Dichloropropene	7.979	75	32736	5.499 ug/l	#	51
38) Carbon Tetrachloride	7.979	117	37549	6.229 ug/l	#	18
41) Methacrylonitrile	7.567	41	186	1.237 ug/l	#	25
76) 1,2,3-Trichloropropane	12.626	75	132209	65.267 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	132209	181.957 ug/l	#	3

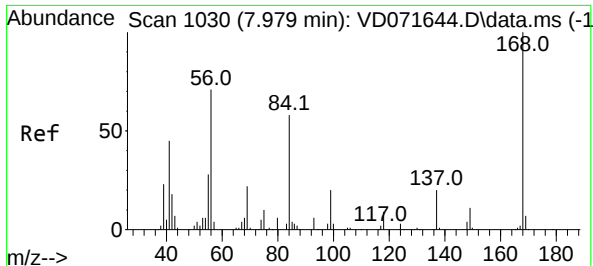
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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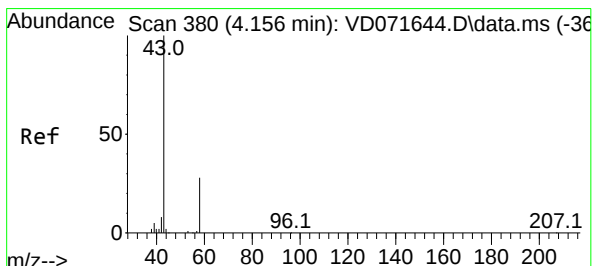
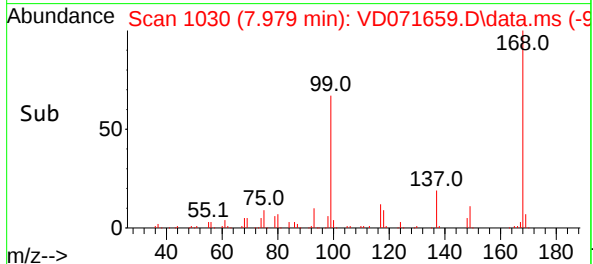
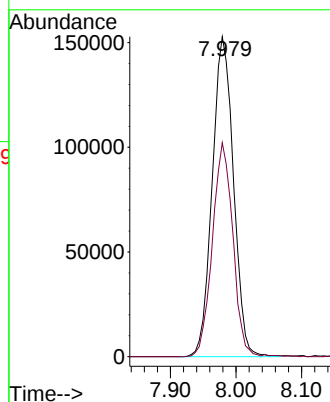
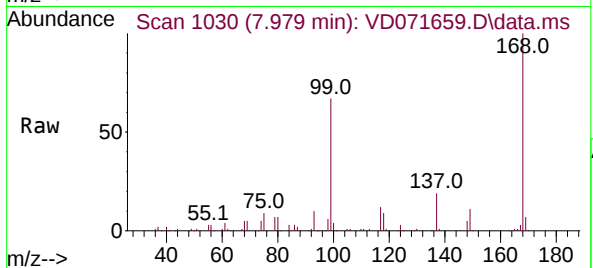




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

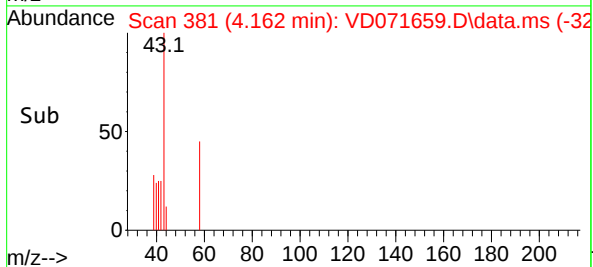
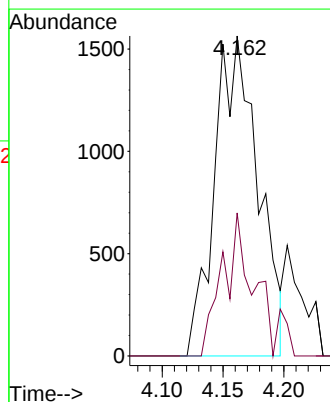
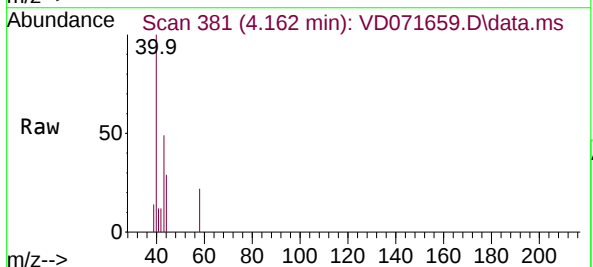
Instrument :
MSVOA_D
ClientSampleId :

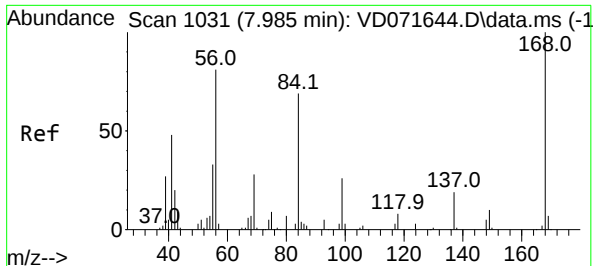
Tgt Ion:168 Resp: 343277
Ion Ratio Lower Upper
168 100
99 66.9 51.8 77.6



#16
Acetone
Concen: 3.807 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

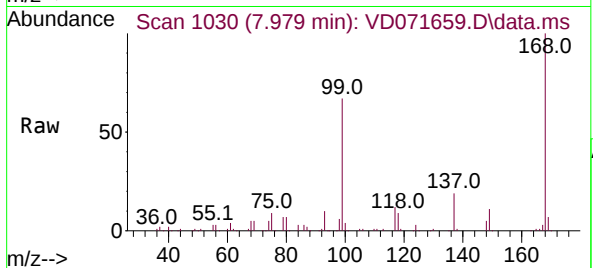
Tgt Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
58 44.7 21.0 31.6#



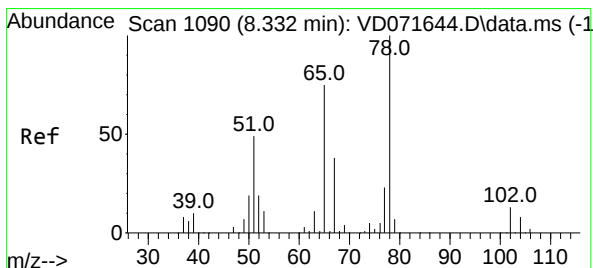
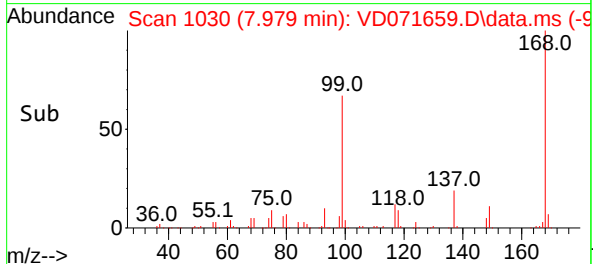
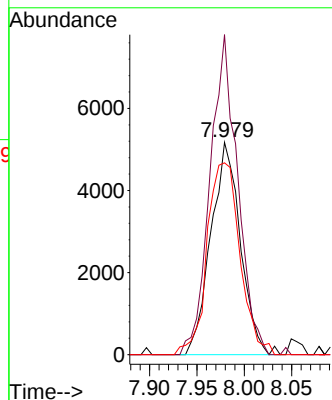


#31
Cyclohexane
Concen: 2.144 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :

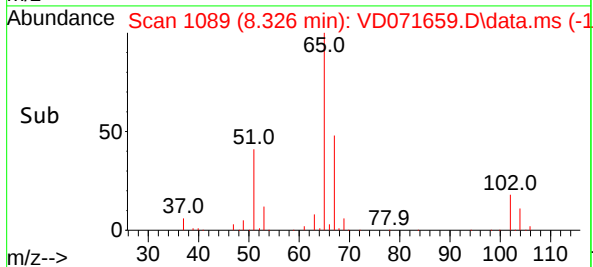
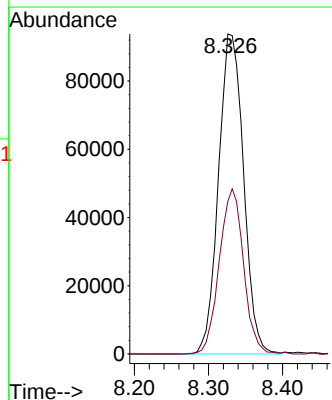
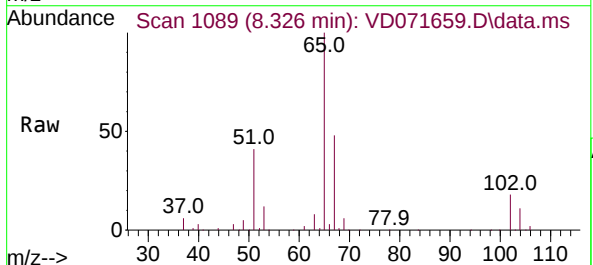


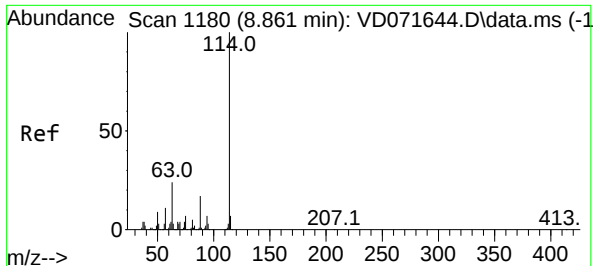
Tgt Ion: 56 Resp: 11221
Ion Ratio Lower Upper
56 100
69 150.7 21.7 32.5#
84 90.3 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 49.762 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

Tgt Ion: 65 Resp: 219798
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071659.D

Acq: 10 Jan 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

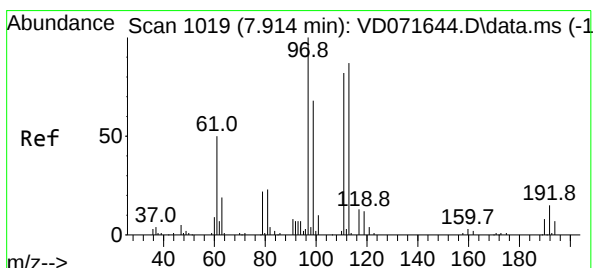
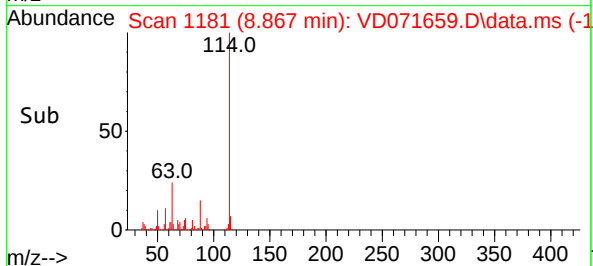
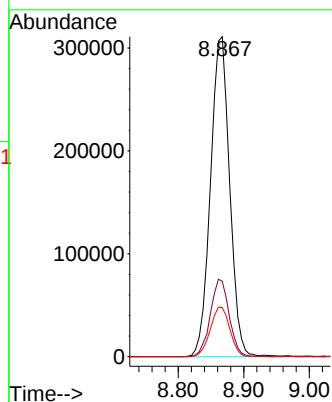
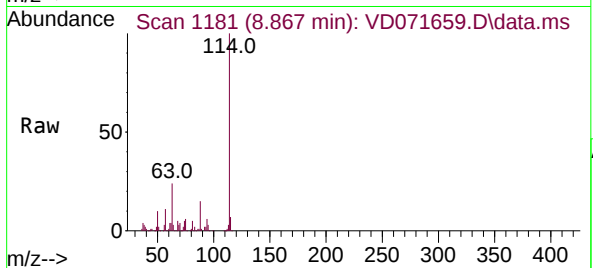
Tgt Ion:114 Resp: 631453

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.2

88 15.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.368 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071659.D

Acq: 10 Jan 2022 16:04

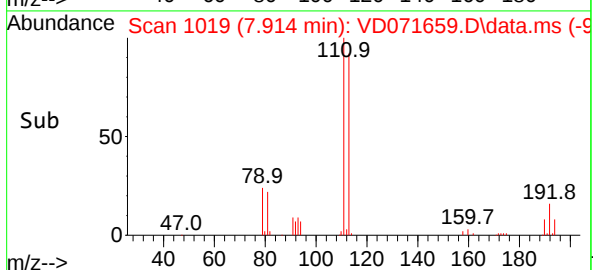
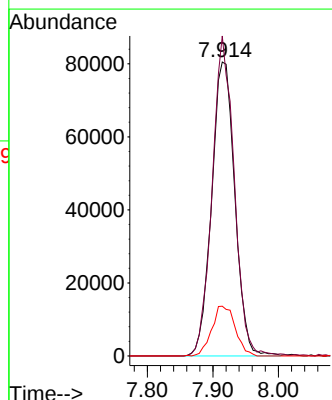
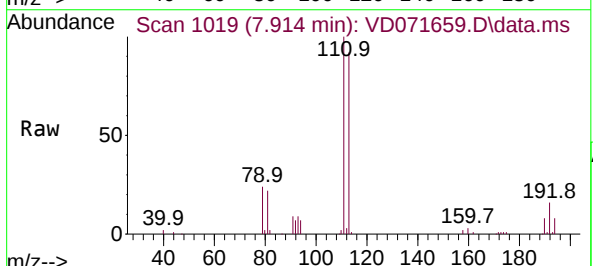
Tgt Ion:113 Resp: 197673

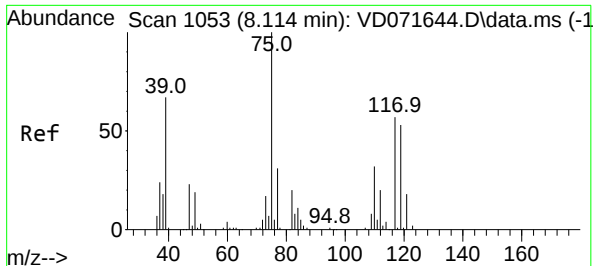
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.2 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.499 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071659.D

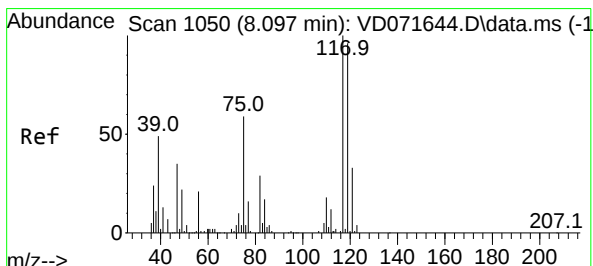
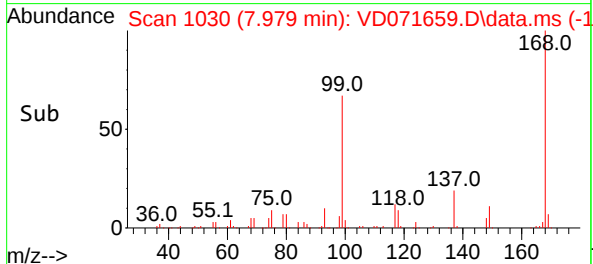
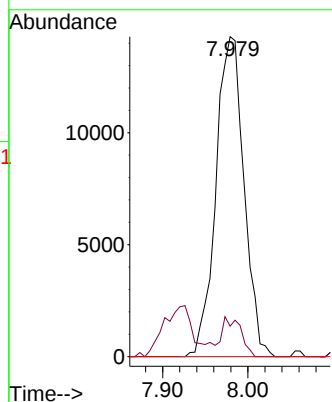
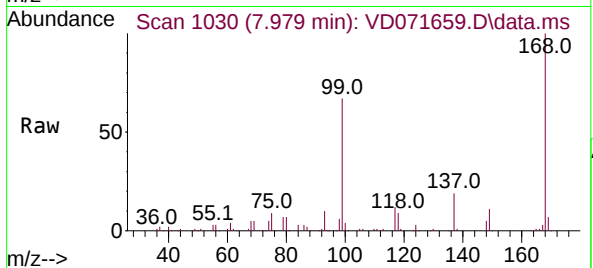
Acq: 10 Jan 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 32736
Ion Ratio	Lower Upper
75	100
110	8.3 16.0 48.0#
77	0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.229 ug/l

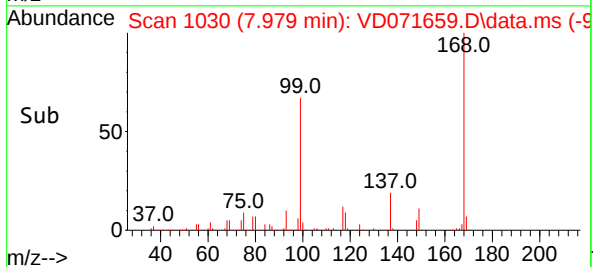
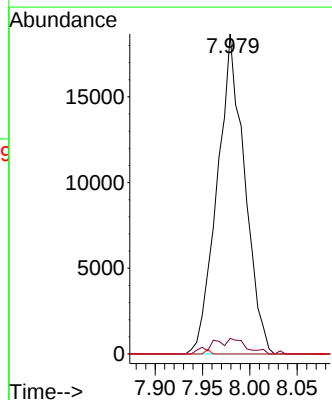
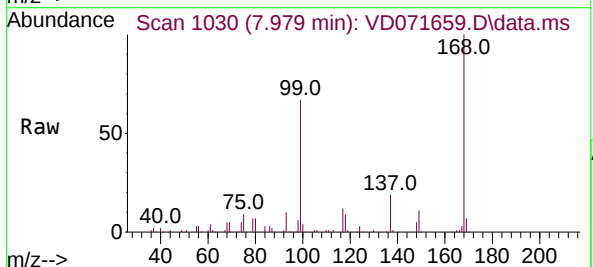
RT: 7.979 min Scan# 1030

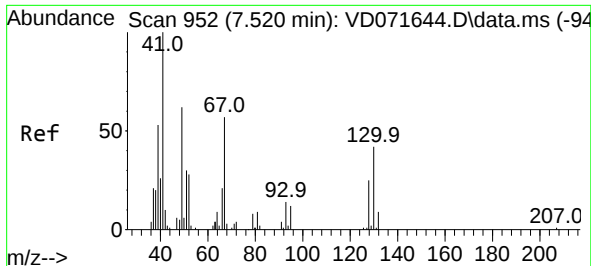
Delta R.T. -0.117 min

Lab File: VD071659.D

Acq: 10 Jan 2022 16:04

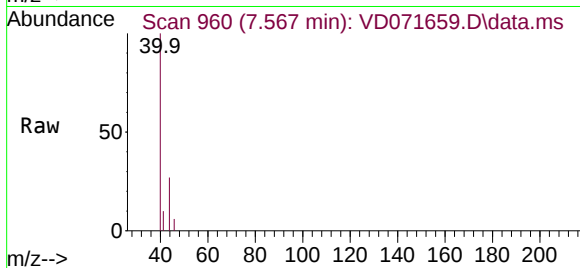
Tgt Ion: 117	Resp: 37549
Ion Ratio	Lower Upper
117	100
119	4.8 73.4 110.2#
121	0.0 23.9 35.9#



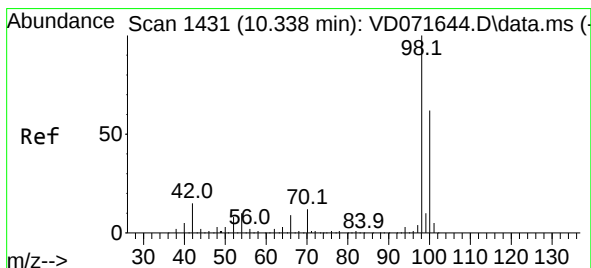
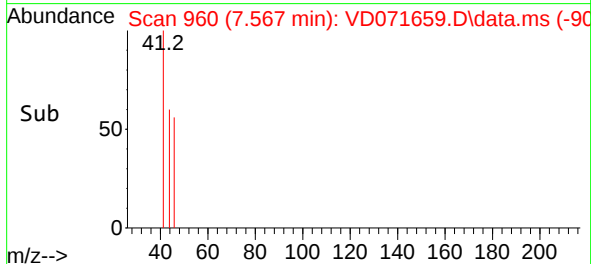
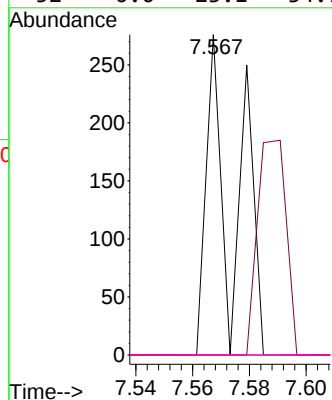


#41
Methacrylonitrile
Concen: 1.237 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.047 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :

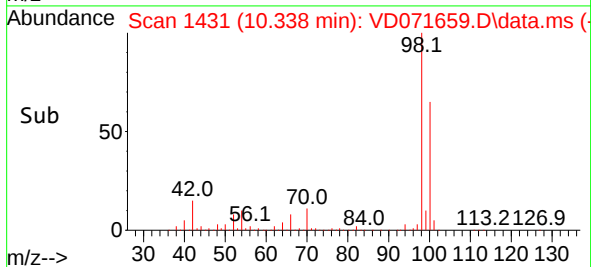
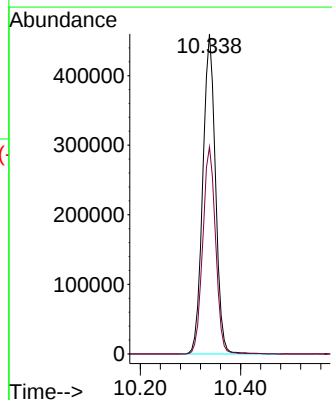
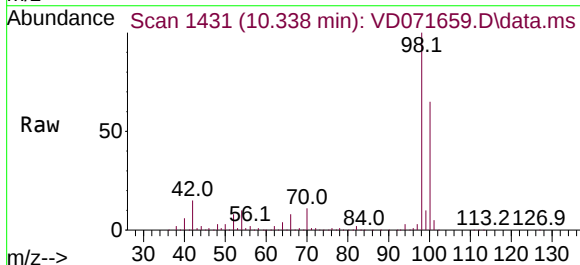


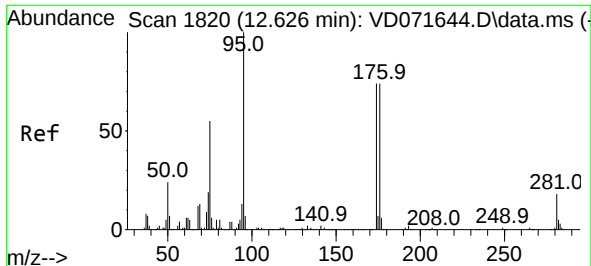
Tgt Ion: 41	Resp: 186
Ion Ratio	Lower Upper
41	100
39	0.0 46.9 70.3#
67	0.0 49.3 73.9#
52	0.0 23.1 34.7#



#50
Toluene-d8
Concen: 51.603 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

Tgt Ion: 98	Resp: 806112
Ion Ratio	Lower Upper
98	100
100	65.5 52.1 78.1

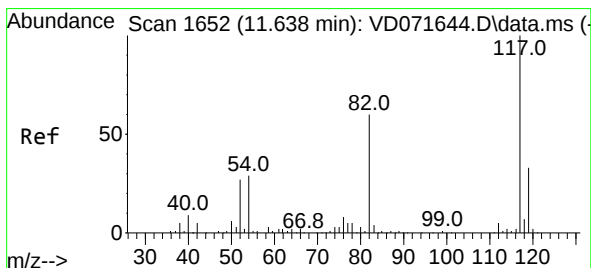
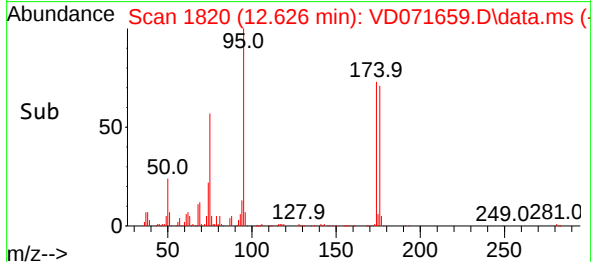
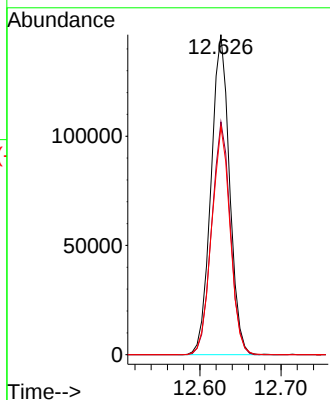
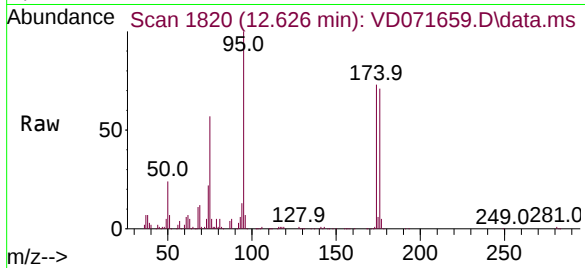




#62
4-Bromofluorobenzene
Concen: 42.207 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

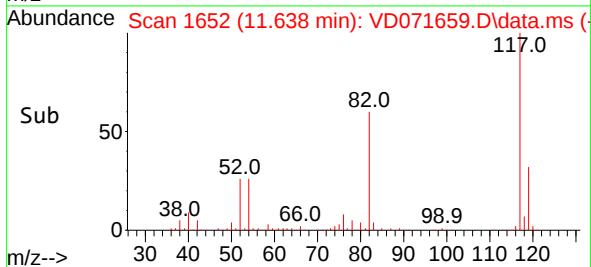
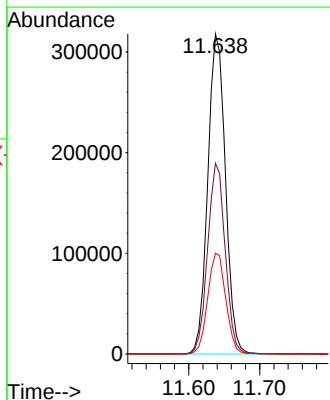
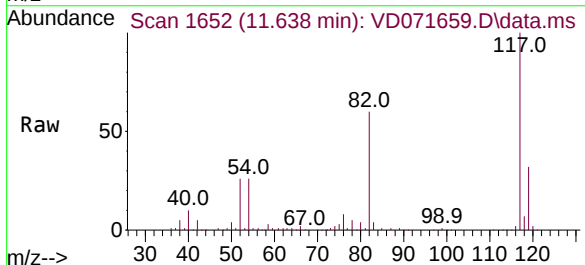
Instrument :
MSVOA_D
ClientSampleId :

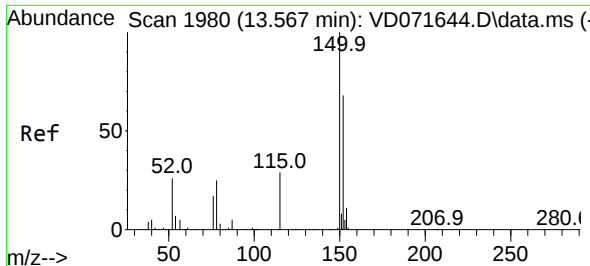
Tgt Ion: 95 Resp: 232330
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.0
176 71.4 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071659.D
Acq: 10 Jan 2022 16:04

Tgt Ion: 117 Resp: 548102
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 31.5 26.6 39.8

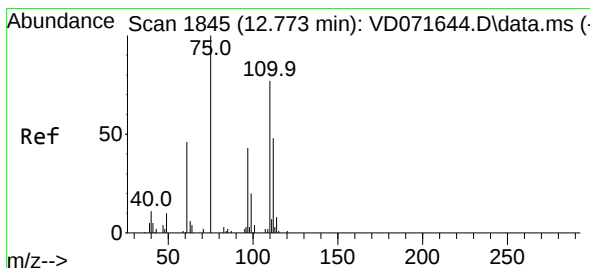
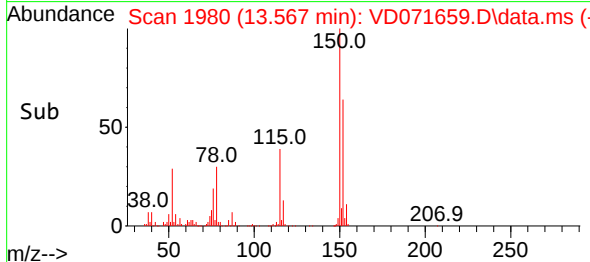
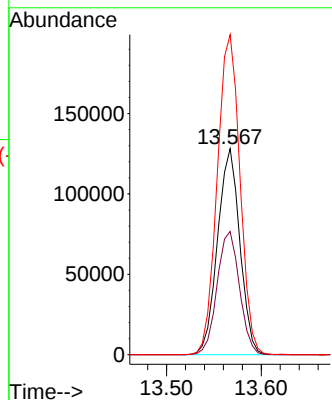
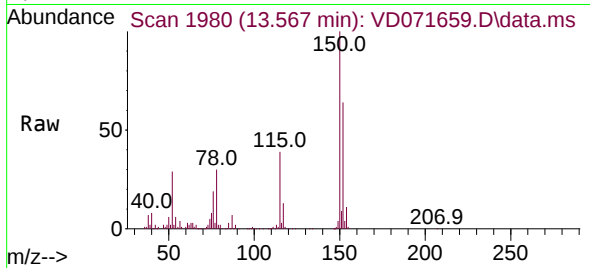




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071659.D
 Acq: 10 Jan 2022 16:04

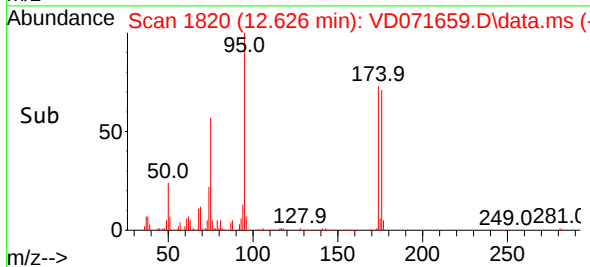
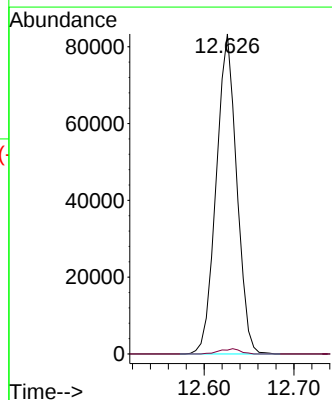
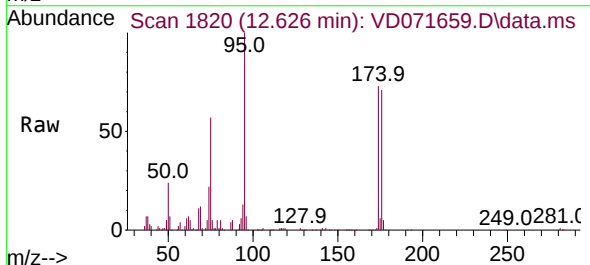
Instrument :
 MSVOA_D
 ClientSampleId :

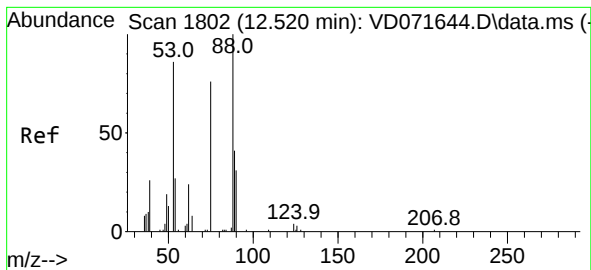
Tgt Ion:152 Resp: 209635
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.5 94.5
 150 158.2 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 65.267 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071659.D
 Acq: 10 Jan 2022 16:04

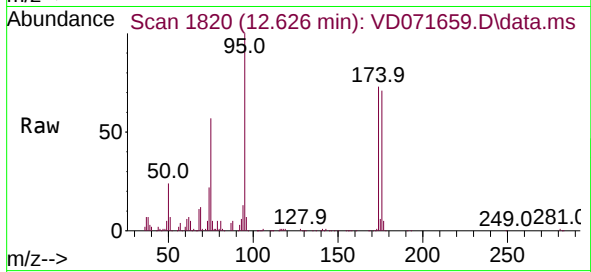
Tgt Ion: 75 Resp: 132209
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 181.957 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071659.D
 Acq: 10 Jan 2022 16:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 132209
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.4 143.0#
 89 0.0 37.2 55.8#

