

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071679.D
 Acq On : 12 Jan 2022 11:54
 Operator : VA/SY
 Sample : VD0112SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0112SBL01

Quant Time: Jan 13 05:27:36 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)

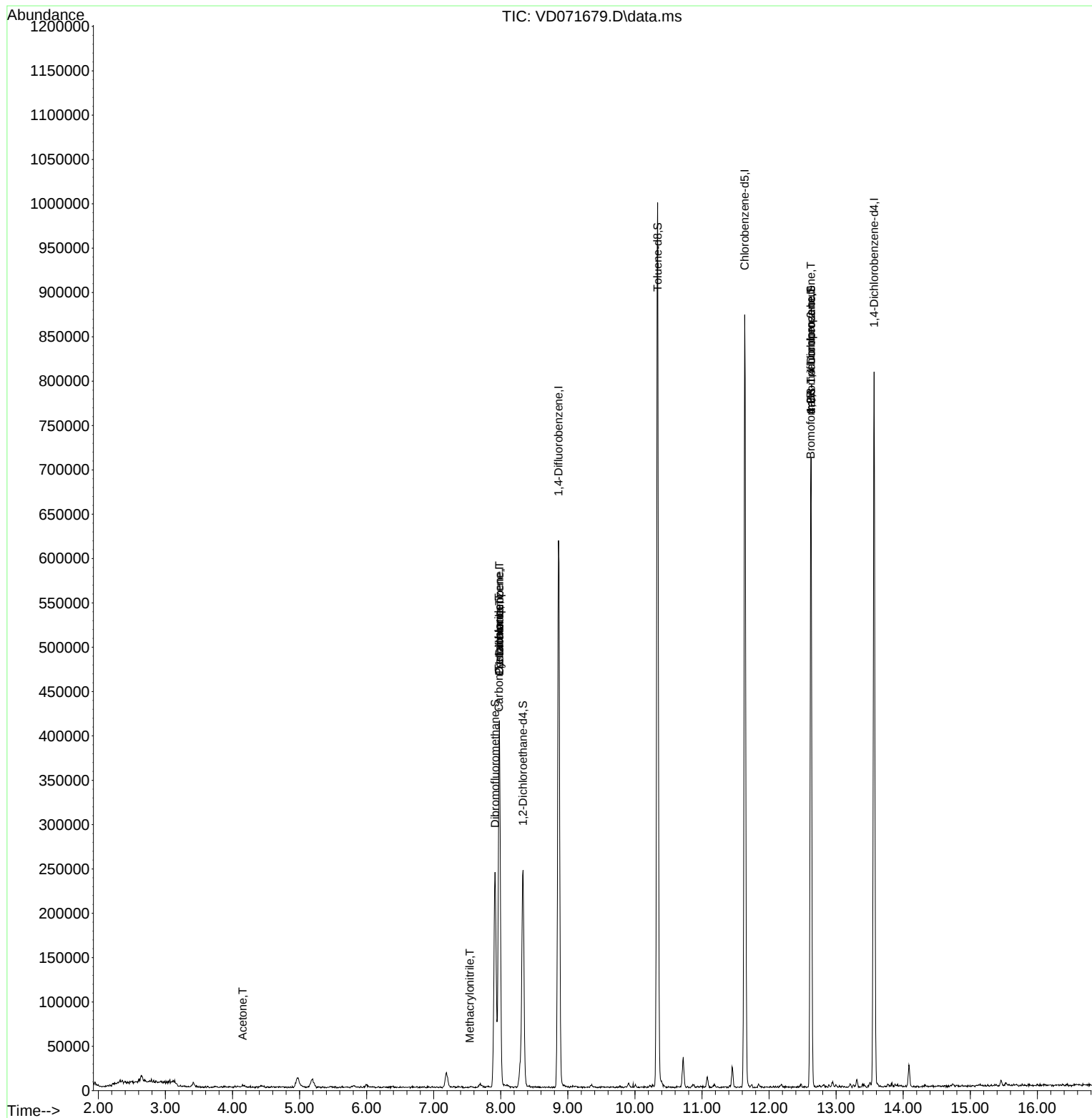
Internal Standards						
1) Pentafluorobenzene	7.979	168	274172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	448895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192696	54.622	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.240%			
35) Dibromofluoromethane	7.914	113	166811	51.288	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.580%			
50) Toluene-d8	10.338	98	620738	50.985	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.626	95	193267	45.049	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	634	Below Cal		96
3) Chloromethane	2.215	50	1005	Below Cal		94
5) Bromomethane	2.785	94	980	Below Cal	#	64
11) Tert butyl alcohol	5.197	59	8089	Below Cal	#	75
16) Acetone	4.150	43	1733	2.128 ug/l	#	87
18) Methyl Acetate	4.685	43	67	Below Cal	#	56
20) Methylene Chloride	4.973	84	7369	Below Cal		90
31) Cyclohexane	7.979	56	8263	2.002 ug/l	#	9
36) 1,1-Dichloropropene	7.979	75	26726	5.761 ug/l	#	51
38) Carbon Tetrachloride	7.973	117	30196	6.427 ug/l	#	17
41) Methacrylonitrile	7.538	41	71	1.183 ug/l	#	23
71) Bromoform	12.620	173	1834	1.153 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	114855	62.039 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	114855	172.957 ug/l	#	3

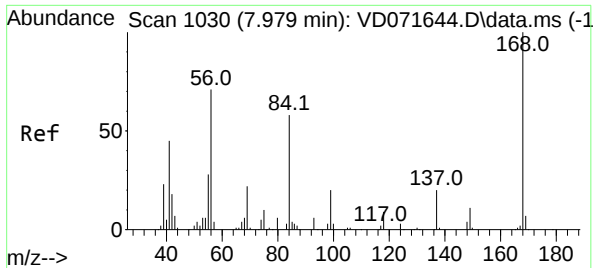
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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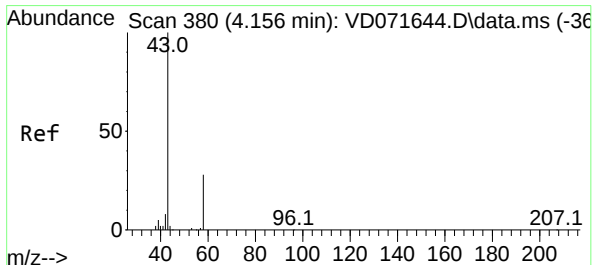
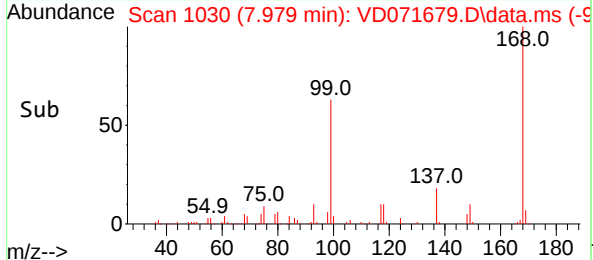
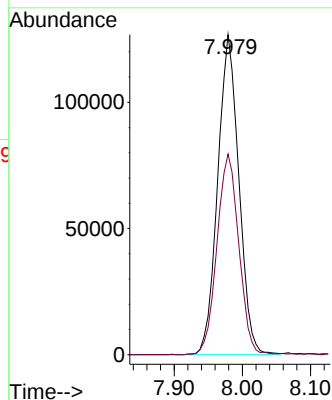
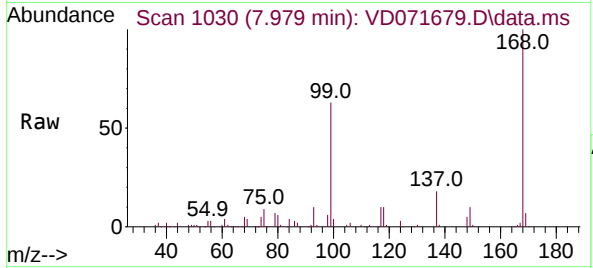




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

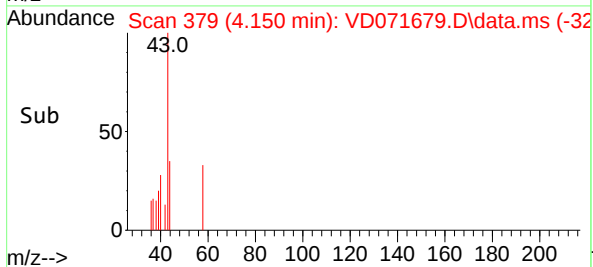
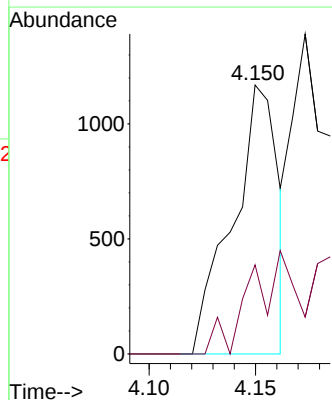
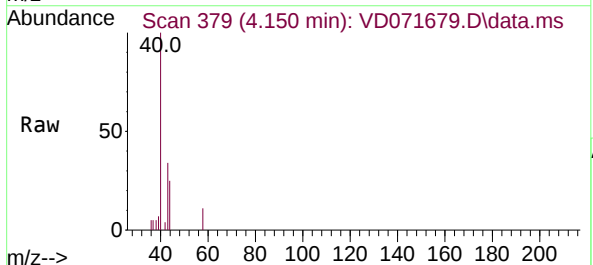
Instrument :
MSVOA_D
ClientSampleId :
VD0112SBL01

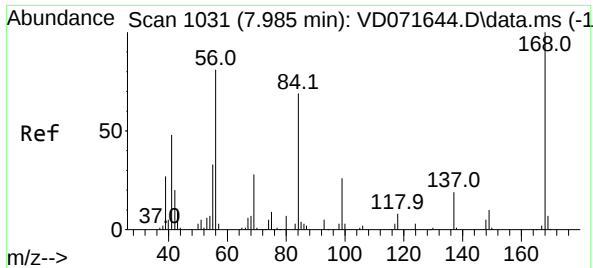
Tgt Ion:168 Resp: 274172
Ion Ratio Lower Upper
168 100
99 62.7 51.8 77.6



#16
Acetone
Concen: 2.128 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 33.1 21.0 31.6#

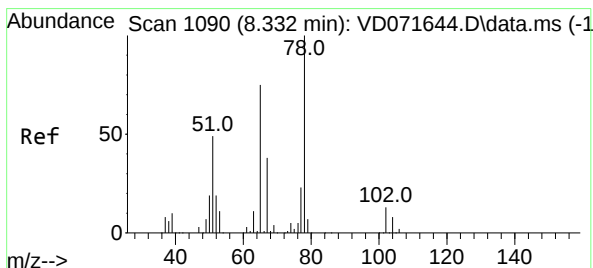
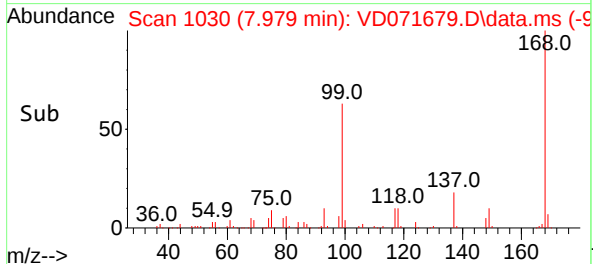
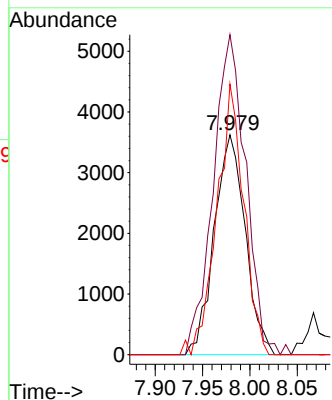
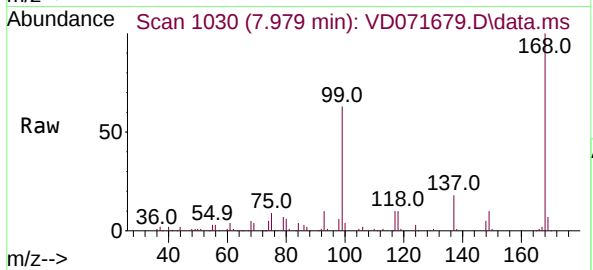




#31
Cyclohexane
Concen: 2.002 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

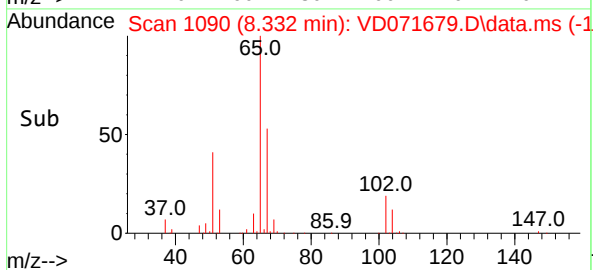
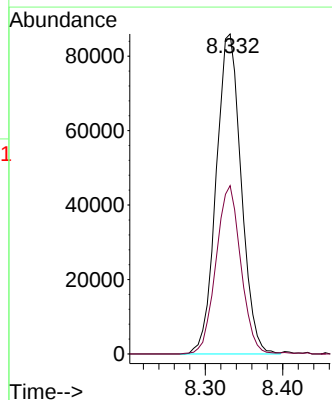
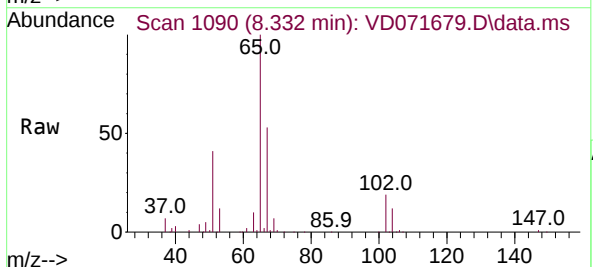
Instrument :
MSVOA_D
ClientSampleId :
VD0112SBL01

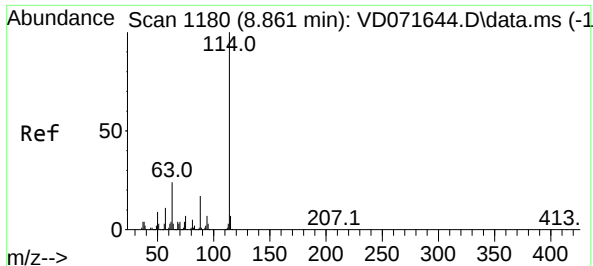
Tgt Ion: 56 Resp: 8263
Ion Ratio Lower Upper
56 100
69 145.5 21.7 32.5#
84 123.0 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 54.622 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Tgt Ion: 65 Resp: 192696
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071679.D

Acq: 12 Jan 2022 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0112SBL01

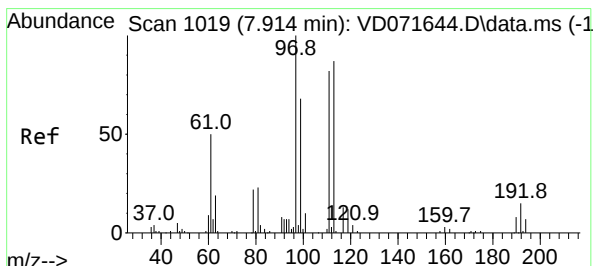
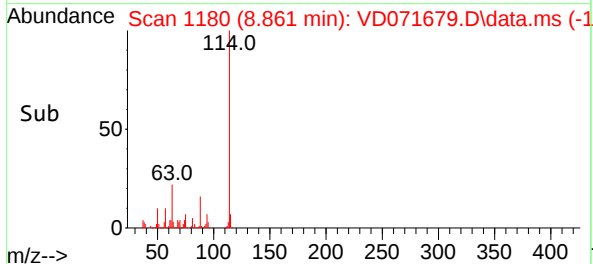
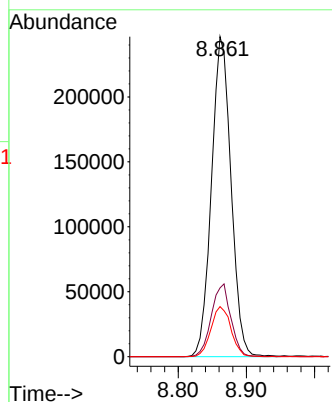
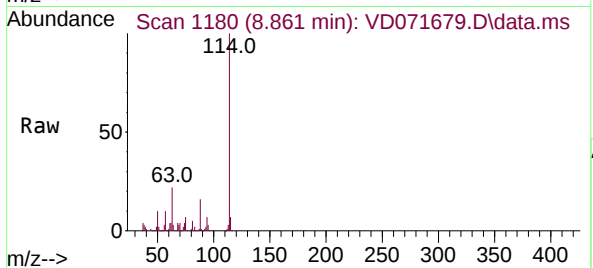
Tgt Ion:114 Resp: 492141

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.2

88 15.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.288 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071679.D

Acq: 12 Jan 2022 11:54

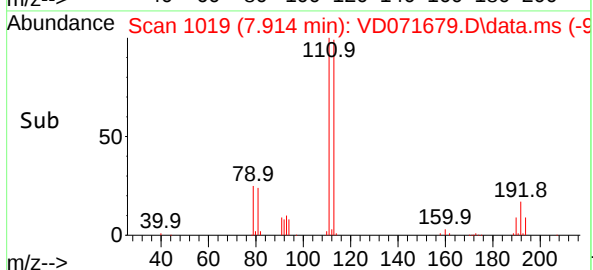
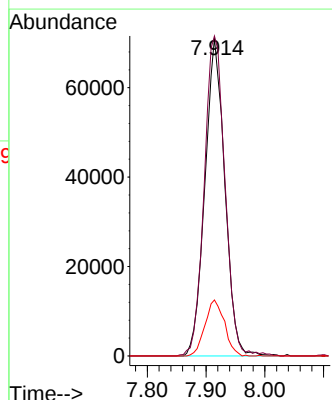
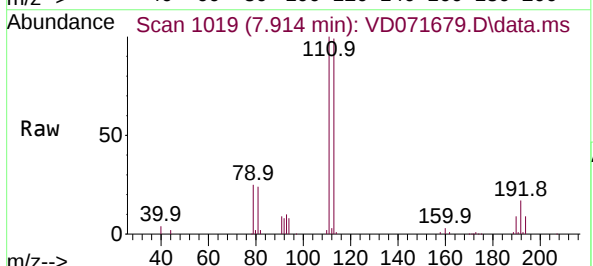
Tgt Ion:113 Resp: 166811

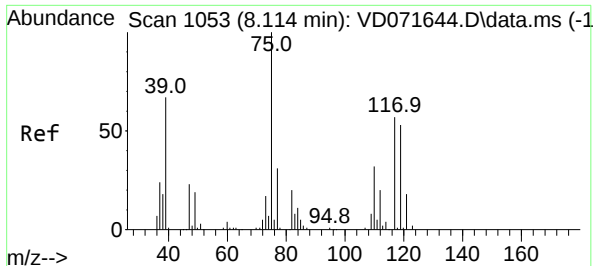
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 17.3 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.761 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071679.D

Acq: 12 Jan 2022 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0112SBL01

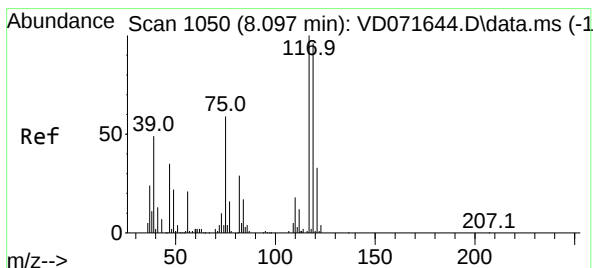
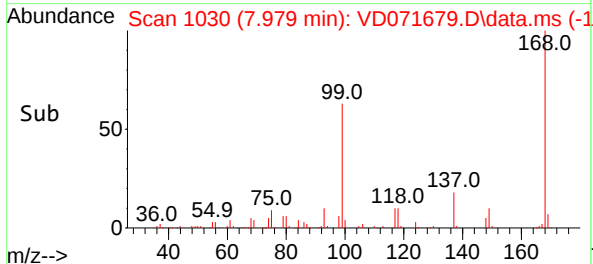
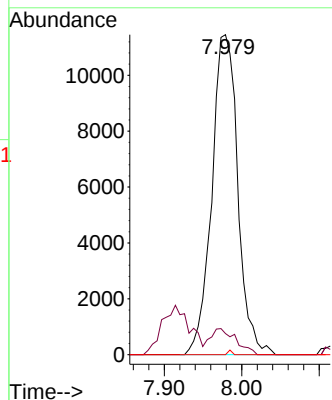
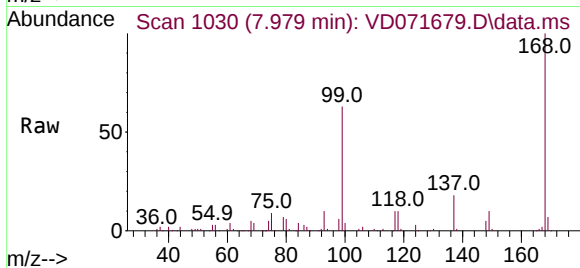
Tgt Ion: 75 Resp: 26726

Ion Ratio Lower Upper

75 100

110 8.1 16.0 48.0#

77 0.2 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.427 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD071679.D

Acq: 12 Jan 2022 11:54

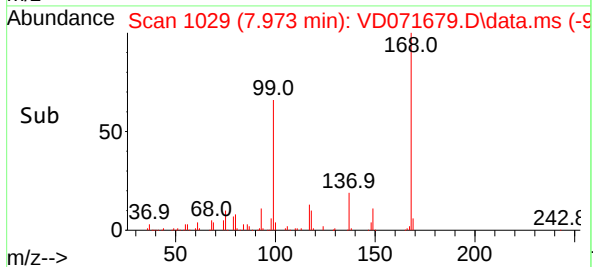
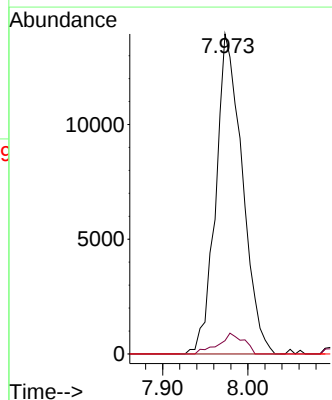
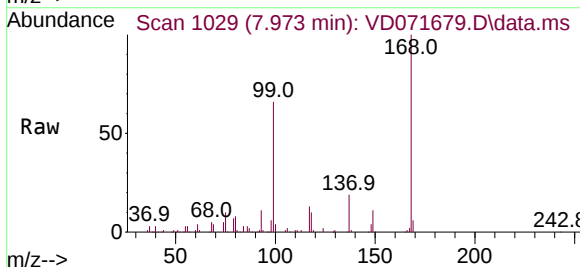
Tgt Ion: 117 Resp: 30196

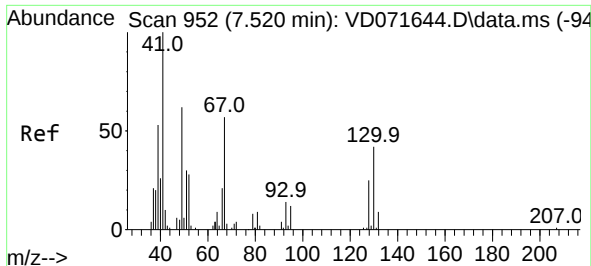
Ion Ratio Lower Upper

117 100

119 4.2 73.4 110.2#

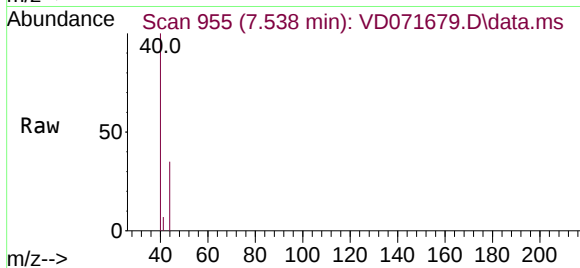
121 0.0 23.9 35.9#



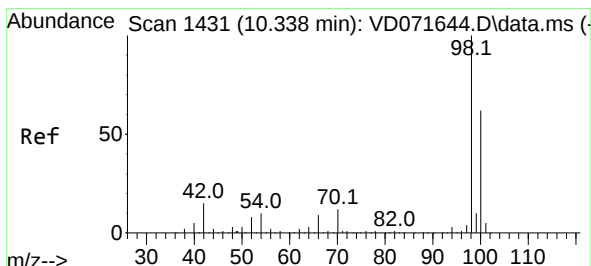
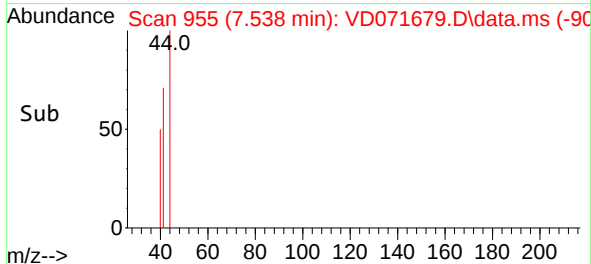
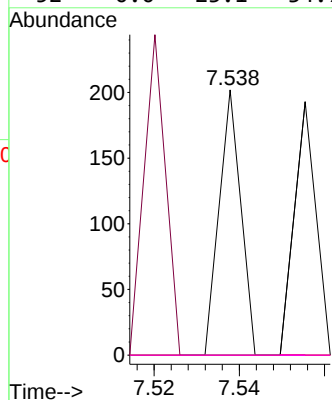


#41
Methacrylonitrile
Concen: 1.183 ug/l
RT: 7.538 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0112SBL01

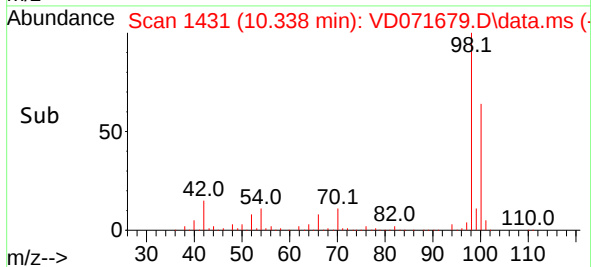
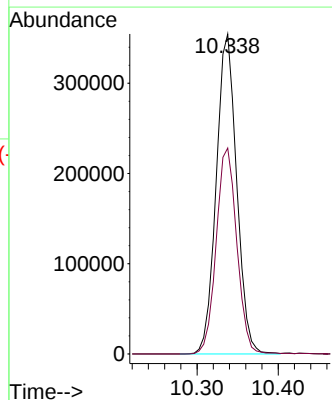
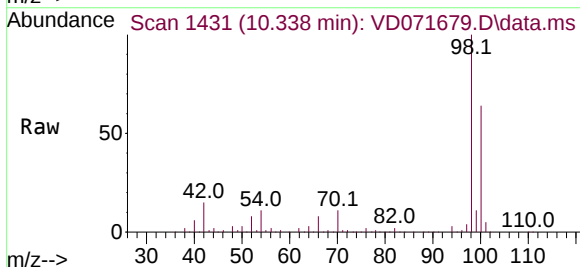


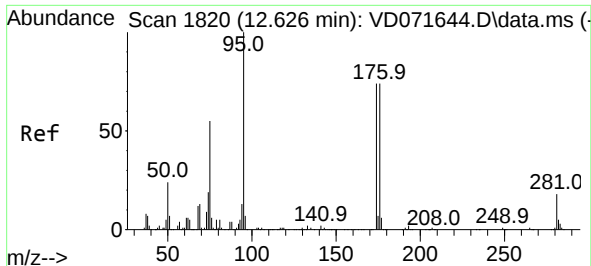
Tgt Ion: 41	Resp: 71
Ion Ratio	Lower Upper
41 100	
39 121.1	46.9 70.3#
67 0.0	49.3 73.9#
52 0.0	23.1 34.7#



#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Tgt Ion: 98	Resp: 620738
Ion Ratio	Lower Upper
98 100	
100 64.9	52.1 78.1

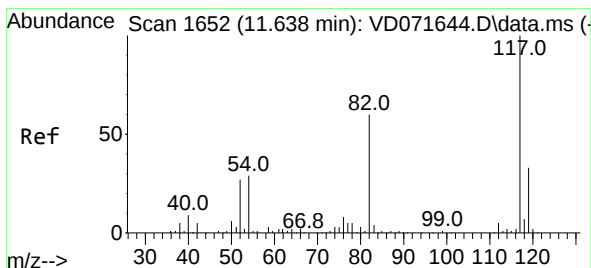
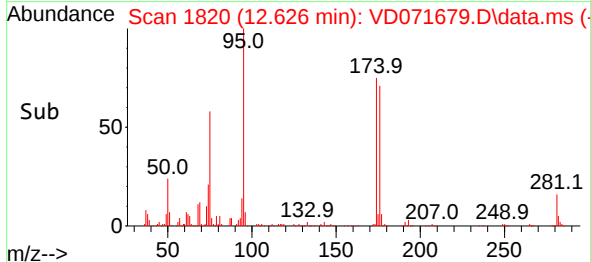
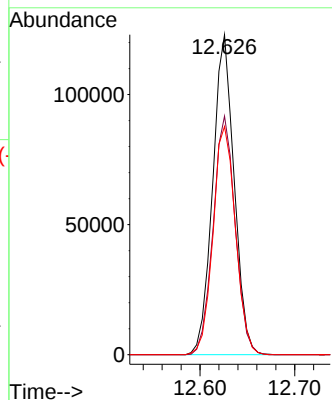
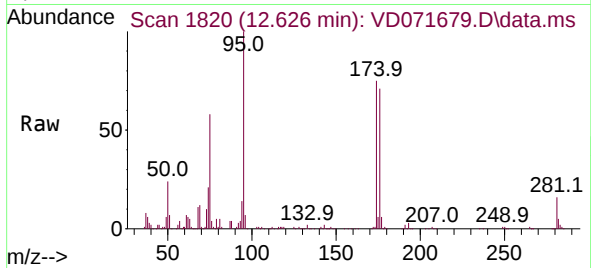




#62
4-Bromofluorobenzene
Concen: 45.049 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

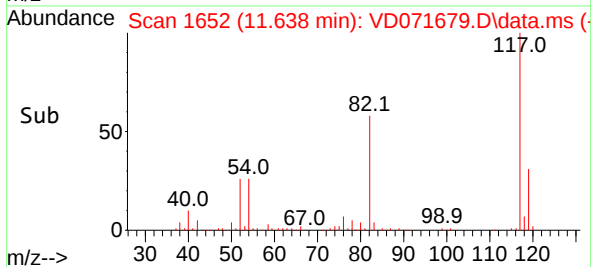
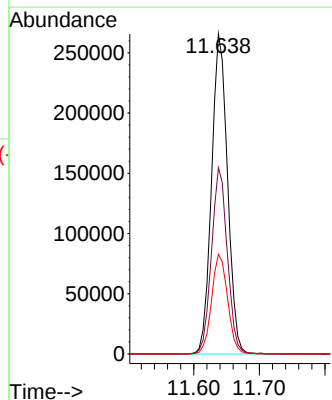
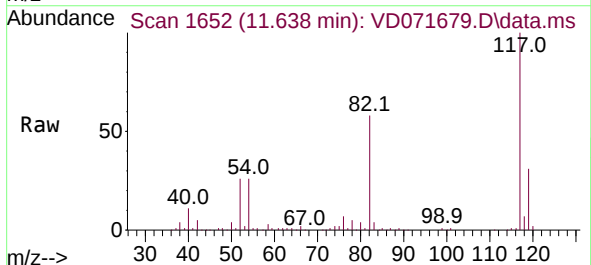
Instrument :
MSVOA_D
ClientSampleId :
VD0112SBL01

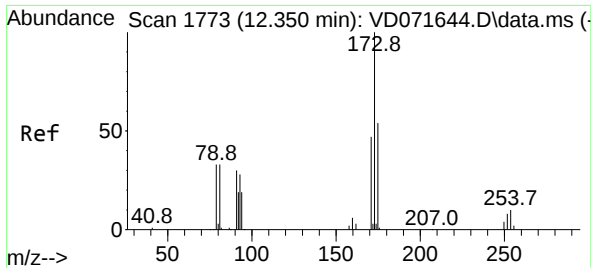
Tgt Ion: 95 Resp: 193267
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.0
176 74.6 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Tgt Ion: 117 Resp: 448895
Ion Ratio Lower Upper
117 100
82 58.2 46.9 70.3
119 31.2 26.6 39.8

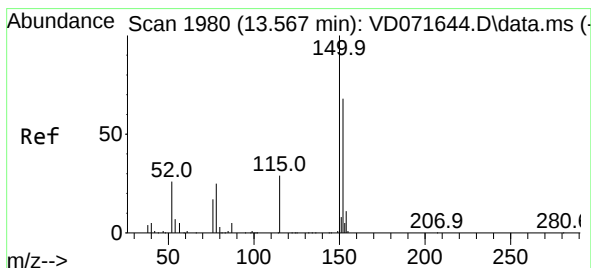
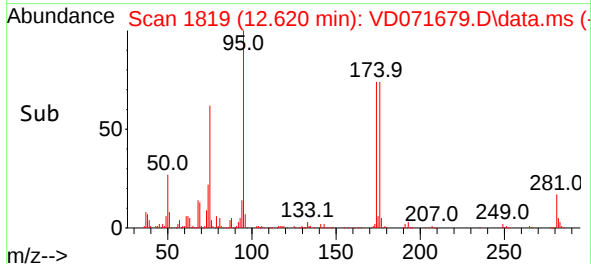
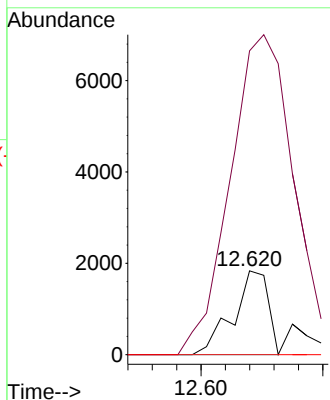
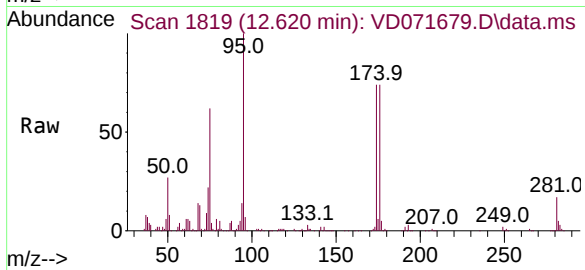




#71
Bromoform
Concen: 1.153 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

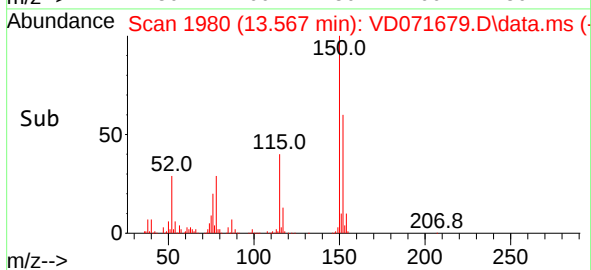
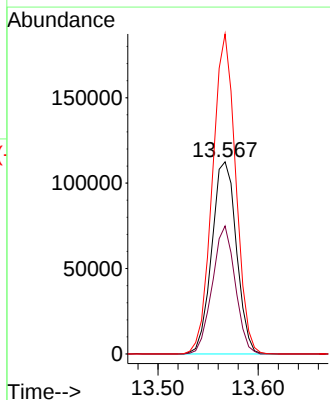
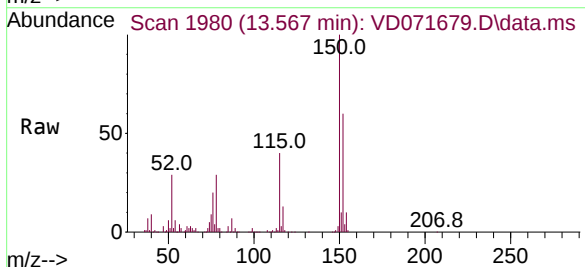
Instrument :
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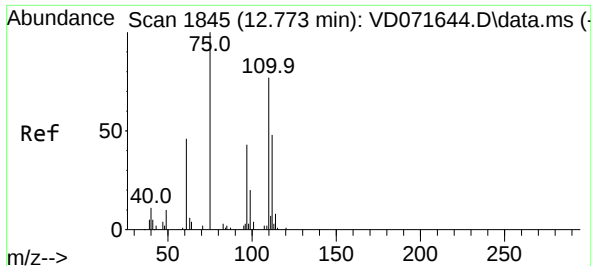
Tgt Ion:173 Resp: 1834
Ion Ratio Lower Upper
173 100
175 550.3 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Tgt Ion:152 Resp: 191595
Ion Ratio Lower Upper
152 100
115 62.0 31.5 94.5
150 157.4 0.0 348.0

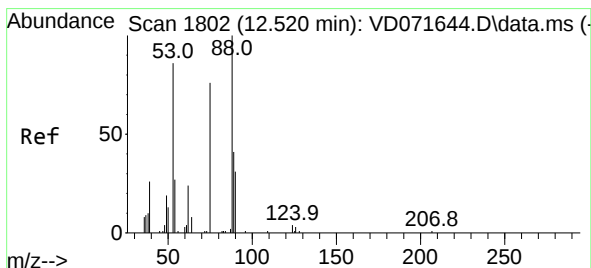
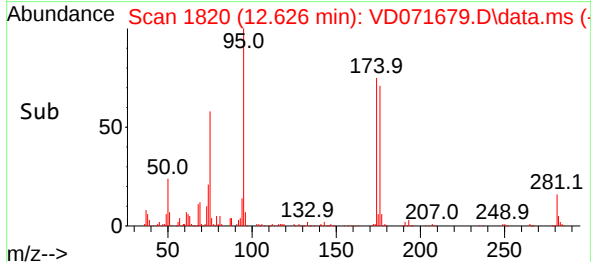
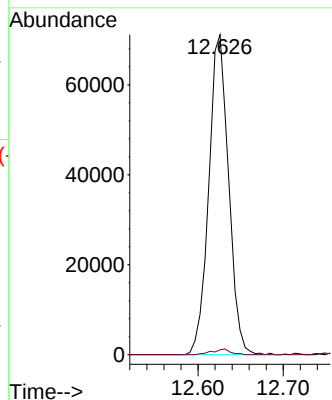
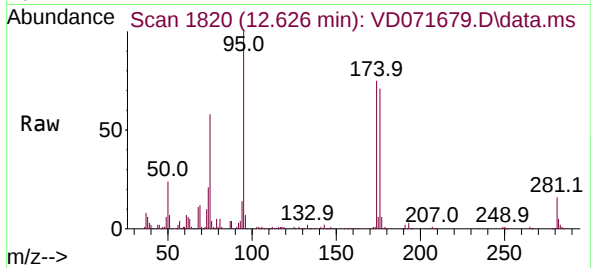




#76
1,2,3-Trichloropropane
Concen: 62.039 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0112SBL01

Tgt Ion: 75 Resp: 114855
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.957 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071679.D
Acq: 12 Jan 2022 11:54

Tgt Ion: 75 Resp: 114855
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.2 37.2 55.8#

