

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071737.D
 Acq On : 19 Jan 2022 11:07
 Operator : VA/SY
 Sample : VD0119SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 20 04:56:03 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)

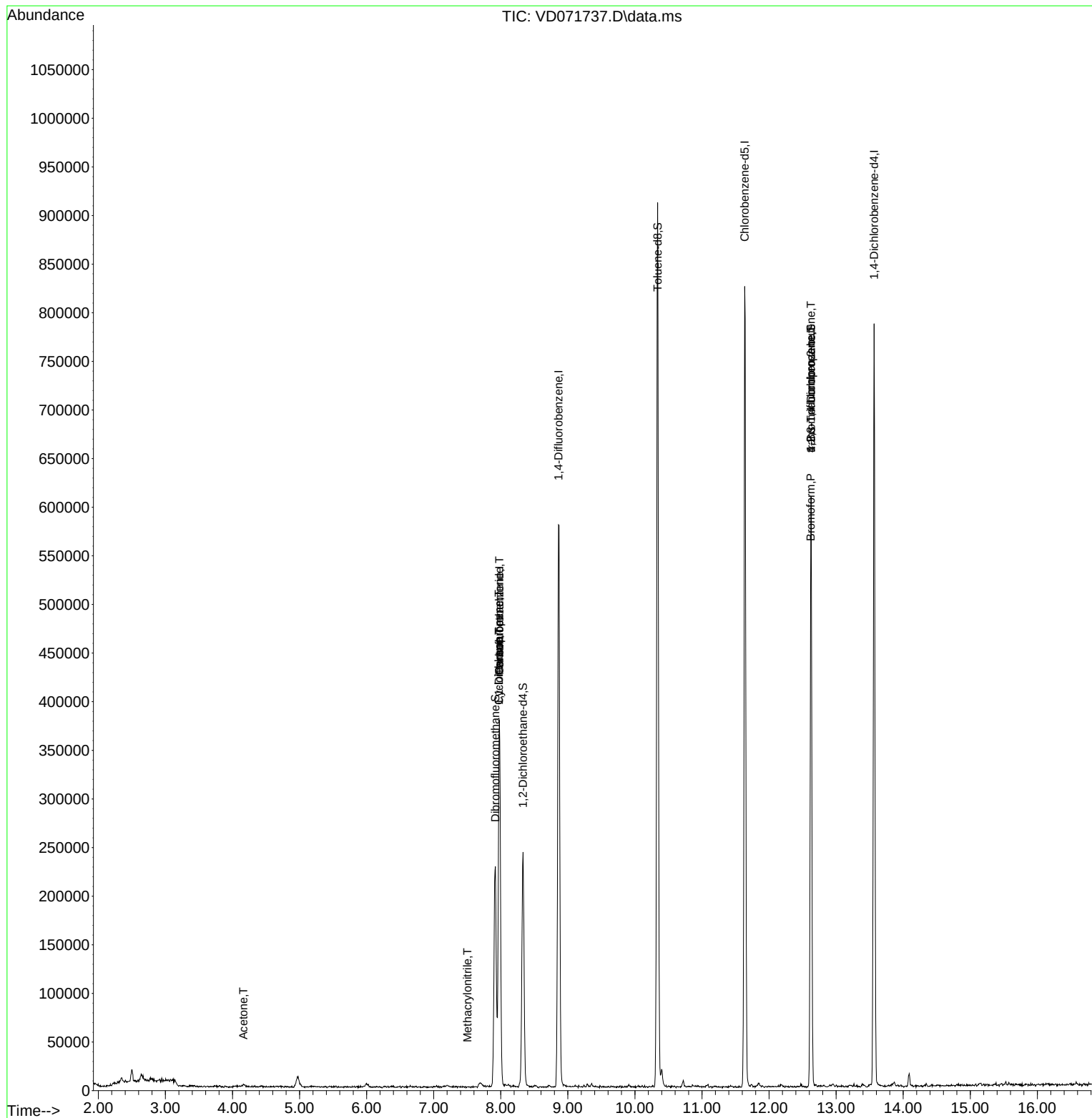
Internal Standards						
1) Pentafluorobenzene	7.979	168	258891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	462498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	427545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	184723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194610	58.421	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.840%			
35) Dibromofluoromethane	7.920	113	159481	52.177	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.360%			
50) Toluene-d8	10.338	98	579378	50.638	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.626	95	182295	45.215	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.997	85	443	Below Cal	#	43
3) Chloromethane	2.226	50	670	Below Cal	#	43
5) Bromomethane	2.779	94	391	Below Cal	#	4
11) Tert butyl alcohol	5.214	59	173	Below Cal	#	75
16) Acetone	4.161	43	4571	5.943	ug/l #	77
18) Methyl Acetate	4.720	43	57	Below Cal	#	56
20) Methylene Chloride	4.979	84	7115	Below Cal	#	82
31) Cyclohexane	7.973	56	8229	2.094	ug/l #	28
36) 1,1-Dichloropropene	7.973	75	25662	5.886	ug/l #	47
38) Carbon Tetrachloride	7.979	117	29115	6.594	ug/l #	20
41) Methacrylonitrile	7.502	41	54	1.173	ug/l #	8
71) Bromoform	12.620	173	2219	1.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	106744	59.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	106744	166.723	ug/l #	3

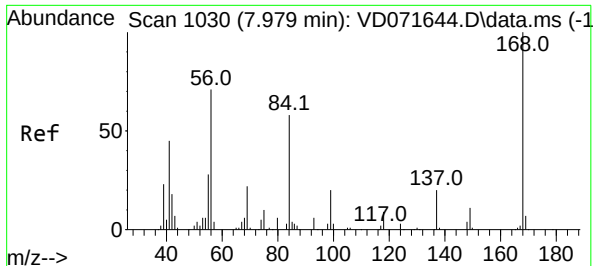
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 04:56:03 2022
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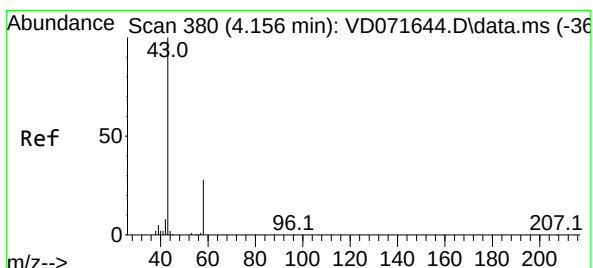
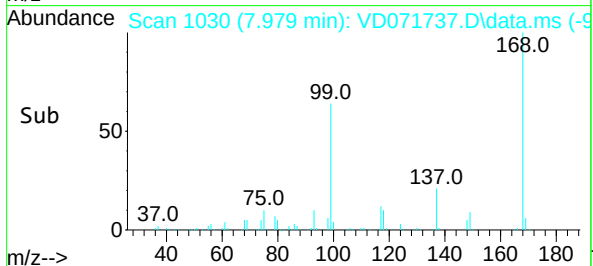
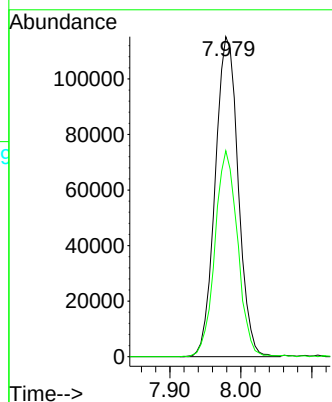
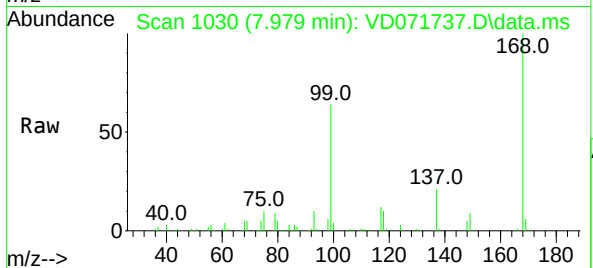




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

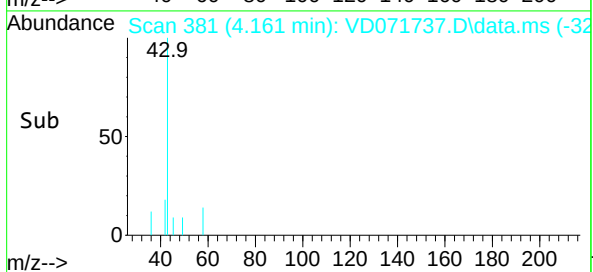
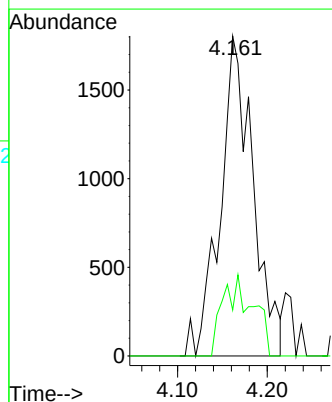
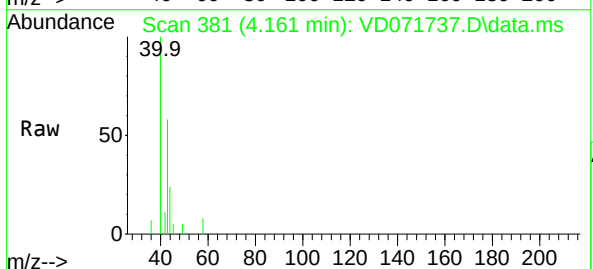
Instrument :
MSVOA_D
ClientSampleId :

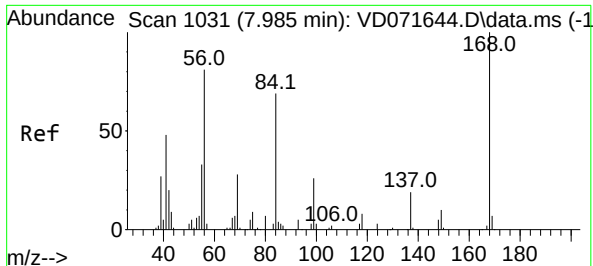
Tgt Ion:168 Resp: 258891
Ion Ratio Lower Upper
168 100
99 64.3 51.8 77.6



#16
Acetone
Concen: 5.943 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

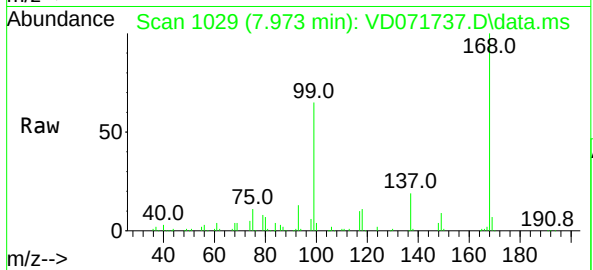
Tgt Ion: 43 Resp: 4571
Ion Ratio Lower Upper
43 100
58 14.3 21.0 31.6#



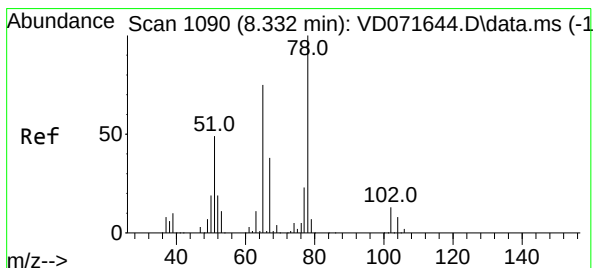
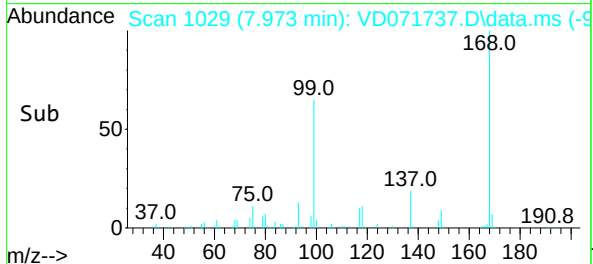
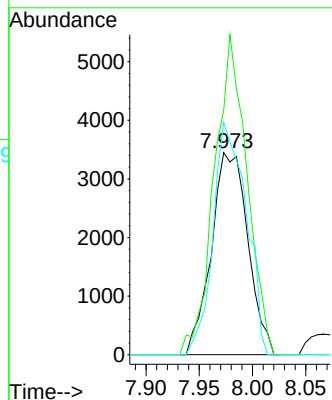


#31
Cyclohexane
Concen: 2.094 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Instrument :
MSVOA_D
ClientSampleId :

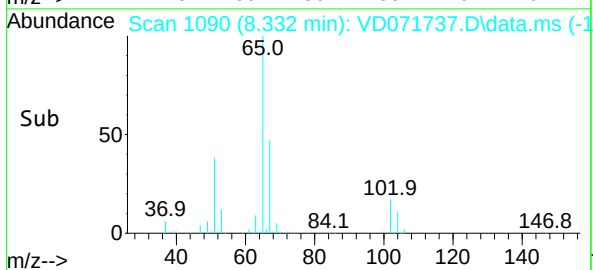
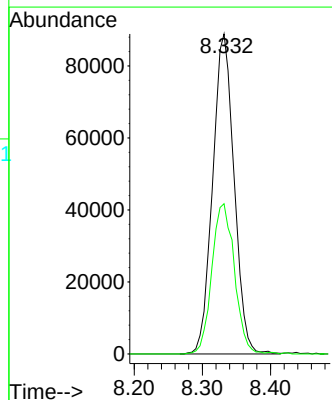
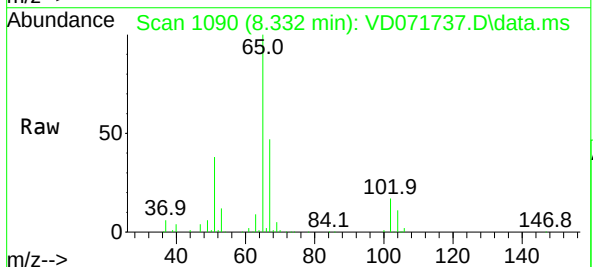


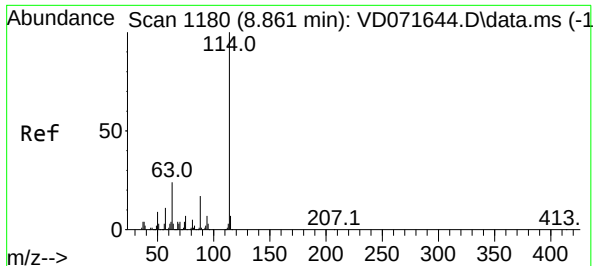
Tgt Ion: 56 Resp: 8229
Ion Ratio Lower Upper
56 100
69 120.9 21.7 32.5#
84 114.8 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 58.421 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Tgt Ion: 65 Resp: 194610
Ion Ratio Lower Upper
65 100
67 49.3 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: VD071737.D

Acq: 19 Jan 2022 11:07

Instrument :

MSVOA_D

ClientSampleId :

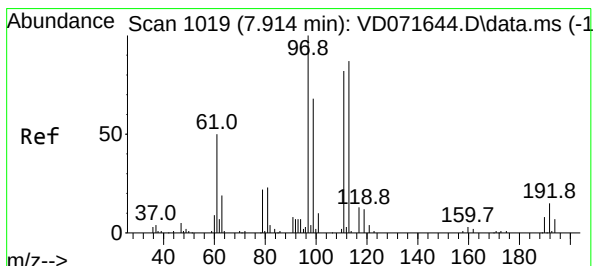
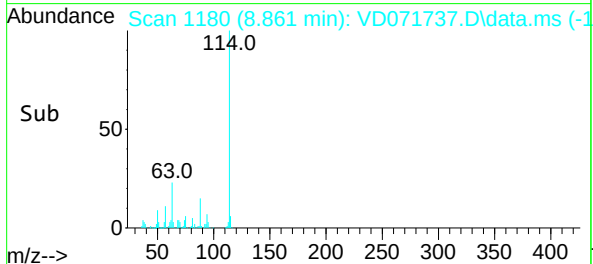
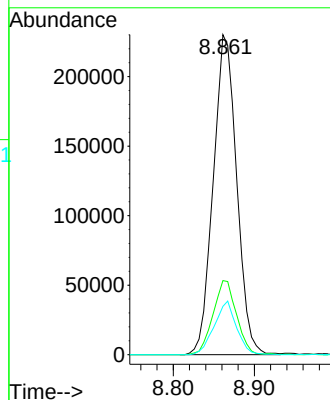
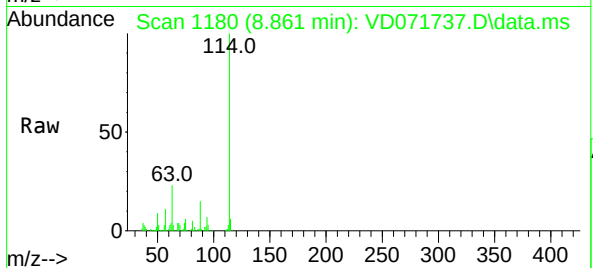
Tgt Ion:114 Resp: 462498

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 15.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.177 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD071737.D

Acq: 19 Jan 2022 11:07

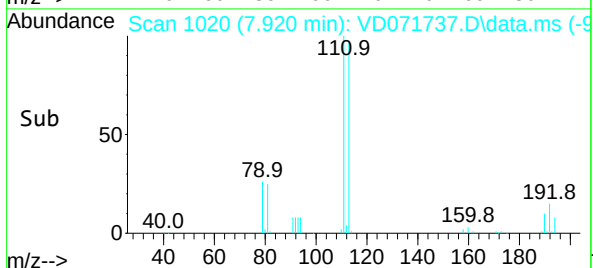
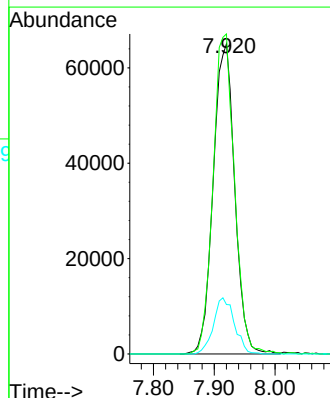
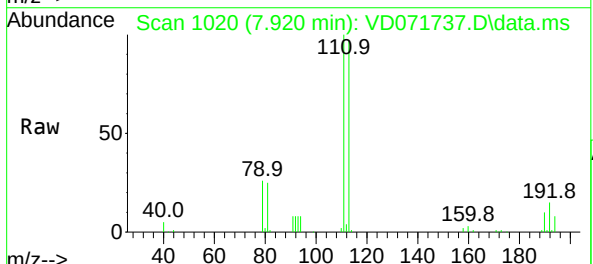
Tgt Ion:113 Resp: 159481

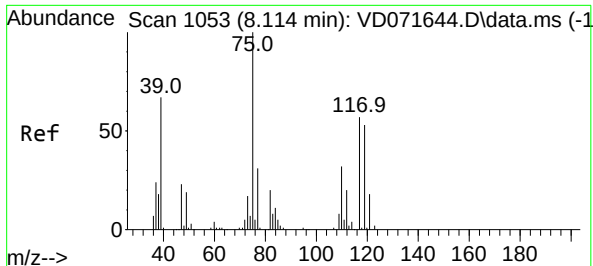
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.7 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.886 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071737.D

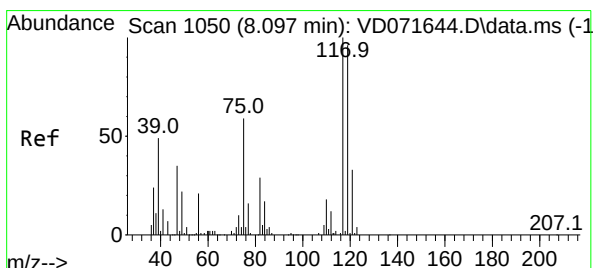
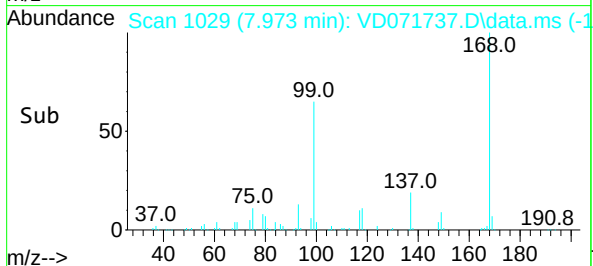
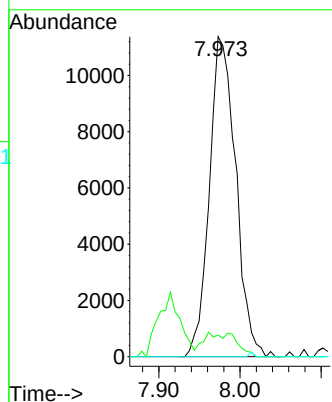
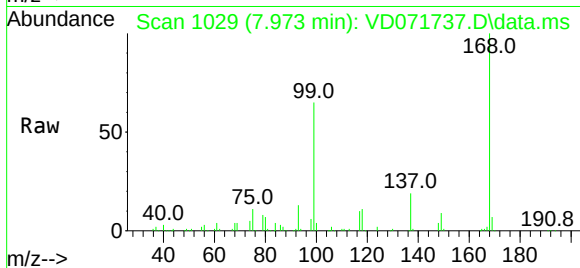
Acq: 19 Jan 2022 11:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 25662
Ion Ratio	Lower Upper
75	100
110	3.6 16.0 48.0#
77	0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.594 ug/l

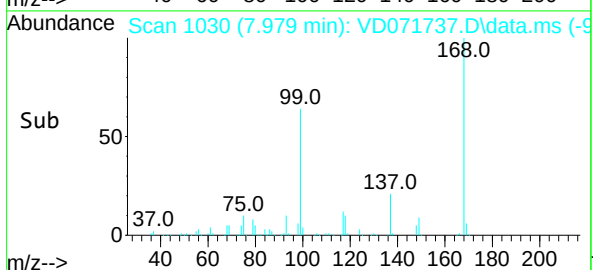
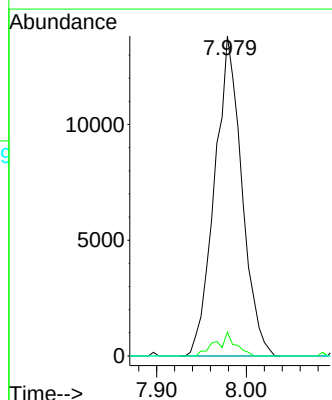
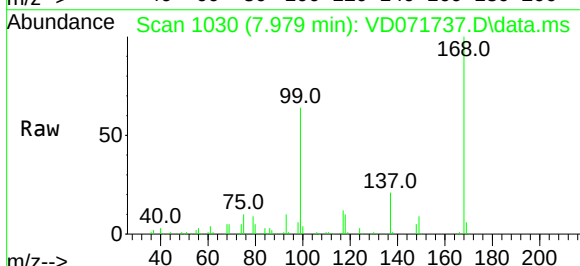
RT: 7.979 min Scan# 1030

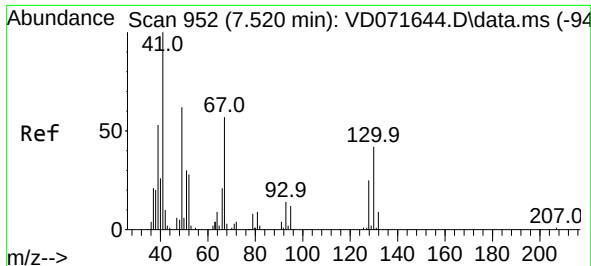
Delta R.T. -0.117 min

Lab File: VD071737.D

Acq: 19 Jan 2022 11:07

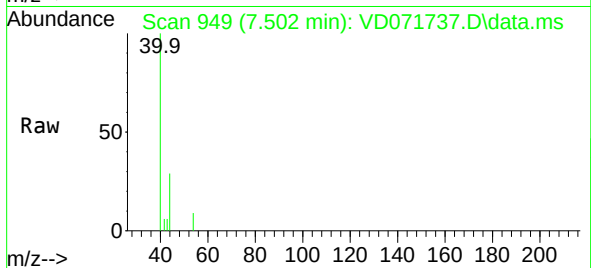
Tgt Ion: 117	Resp: 29115
Ion Ratio	Lower Upper
117	100
119	7.5 73.4 110.2#
121	0.0 23.9 35.9#



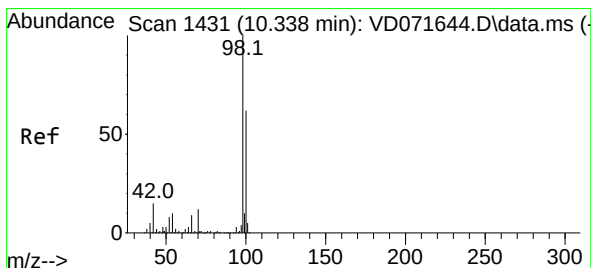
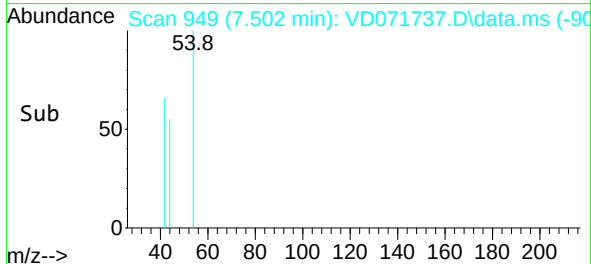
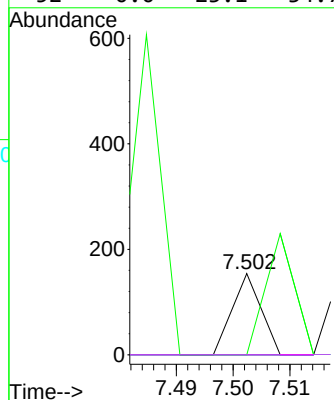


#41
Methacrylonitrile
Concen: 1.173 ug/l
RT: 7.502 min Scan# 94
Delta R.T. -0.018 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Instrument :
MSVOA_D
ClientSampleId :

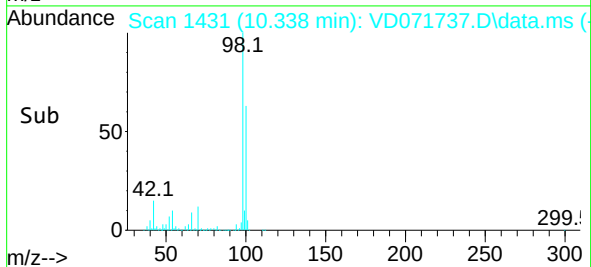
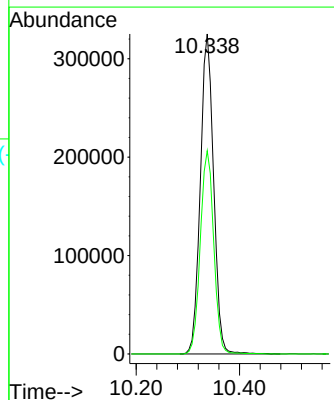
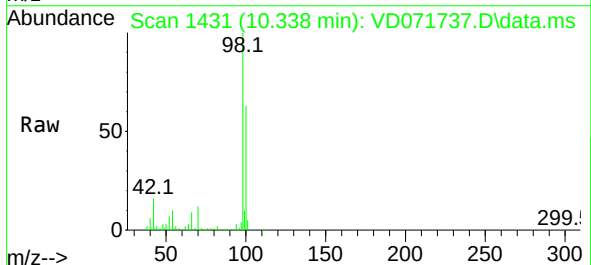


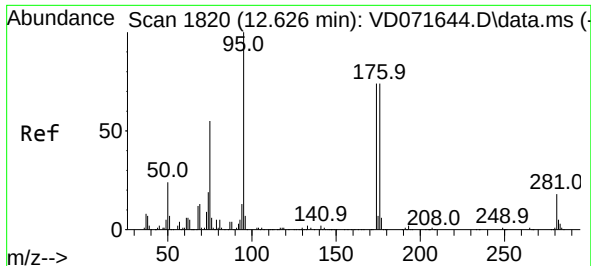
Tgt Ion: 41	Resp: 54
Ion Ratio	Lower Upper
41	100
39	150.0 46.9 70.3#
67	0.0 49.3 73.9#
52	0.0 23.1 34.7#



#50
Toluene-d8
Concen: 50.638 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Tgt Ion: 98	Resp: 579378
Ion Ratio	Lower Upper
98	100
100	64.3 52.1 78.1

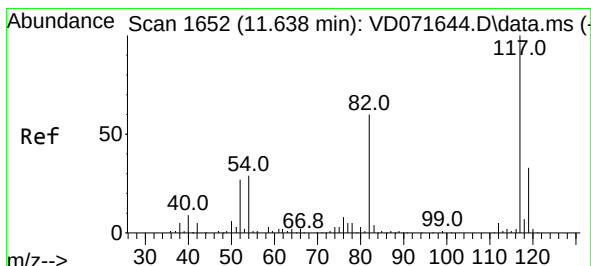
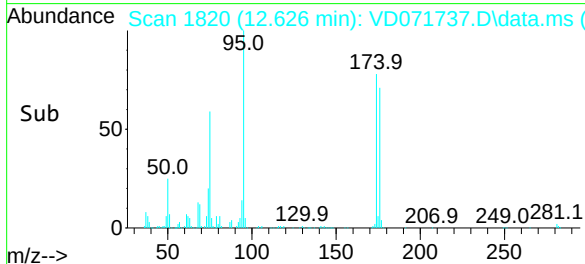
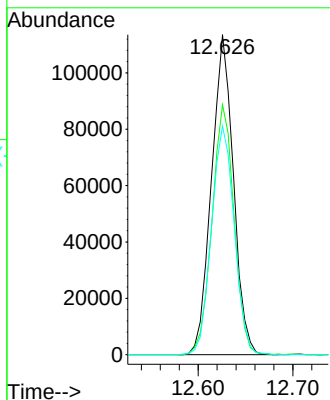
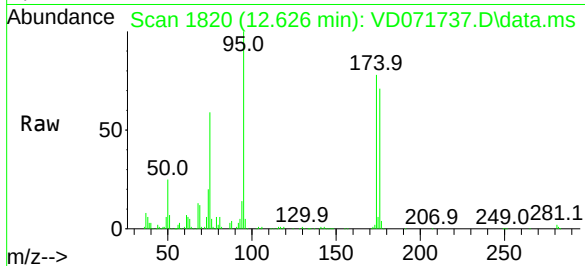




#62
4-Bromofluorobenzene
Concen: 45.215 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

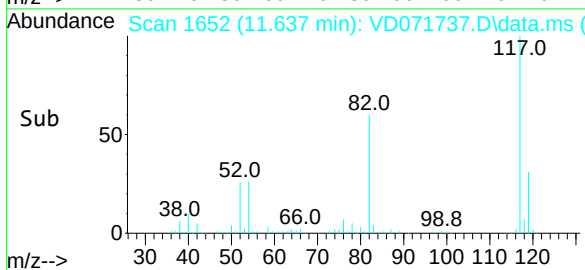
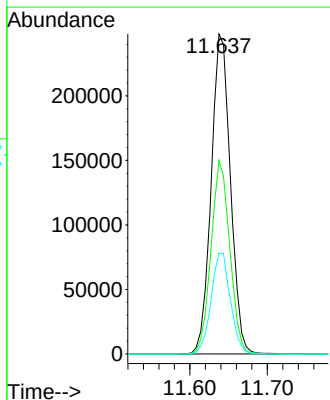
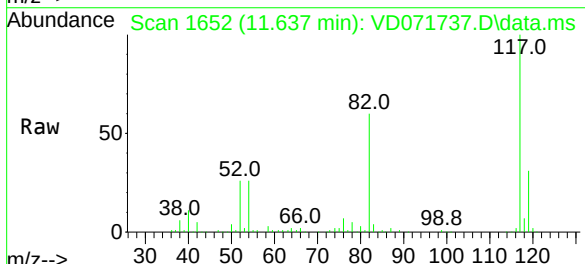
Instrument :
MSVOA_D
ClientSampleId :

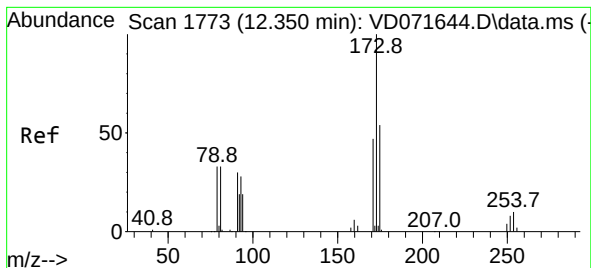
Tgt Ion: 95 Resp: 182295
Ion Ratio Lower Upper
95 100
174 78.4 0.0 150.0
176 74.4 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Tgt Ion: 117 Resp: 427545
Ion Ratio Lower Upper
117 100
82 60.5 46.9 70.3
119 31.4 26.6 39.8





#71

Bromoform

Concen: 1.465 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.265 min

Lab File: VD071737.D

Acq: 19 Jan 2022 11:07

Instrument :

MSVOA_D

ClientSampleId :

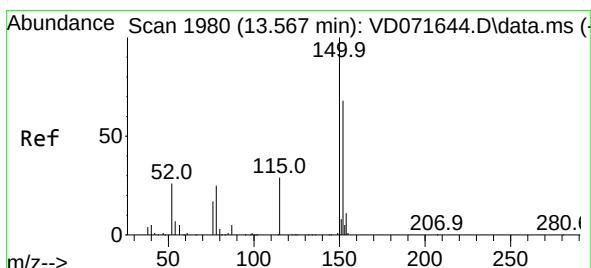
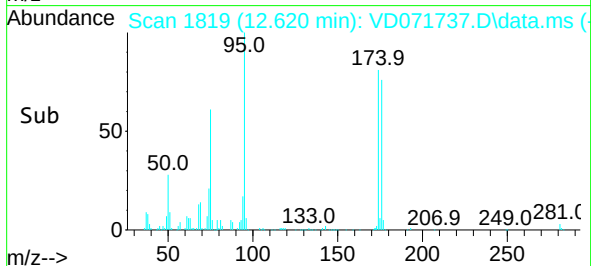
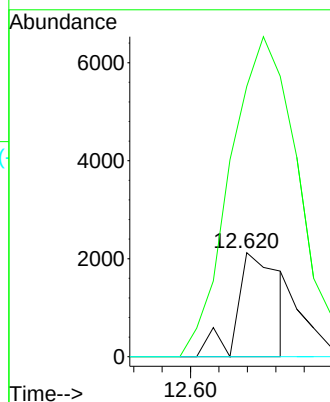
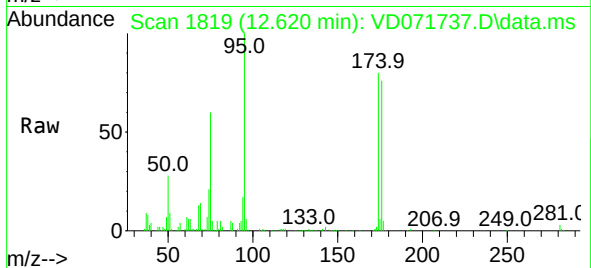
Tgt Ion:173 Resp: 2219

Ion Ratio Lower Upper

173 100

175 380.4 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: VD071737.D

Acq: 19 Jan 2022 11:07

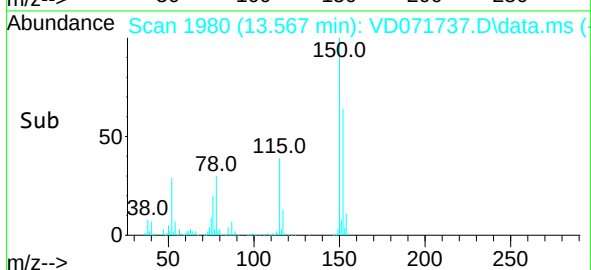
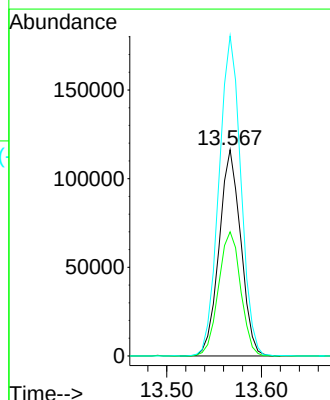
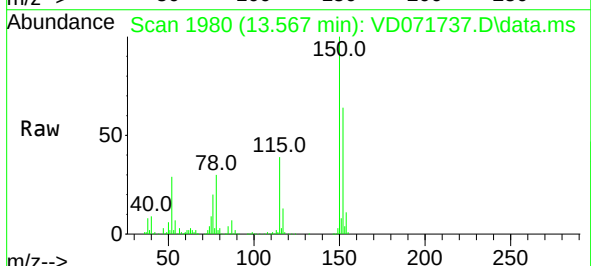
Tgt Ion:152 Resp: 184723

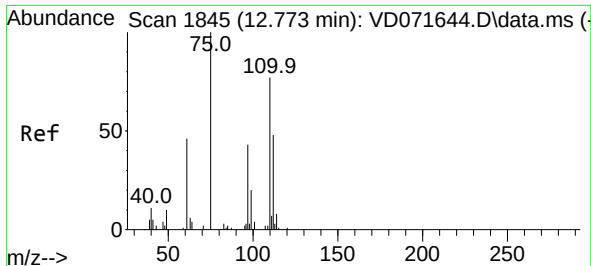
Ion Ratio Lower Upper

152 100

115 61.6 31.5 94.5

150 157.4 0.0 348.0

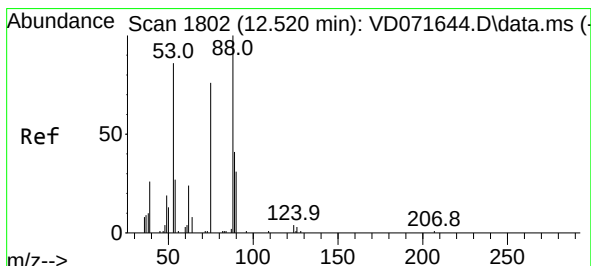
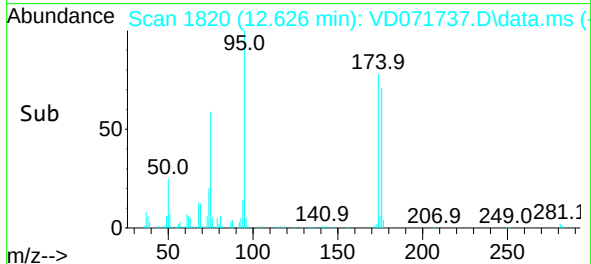
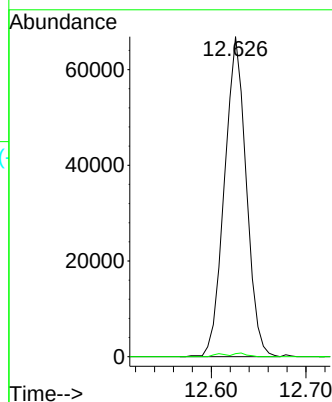
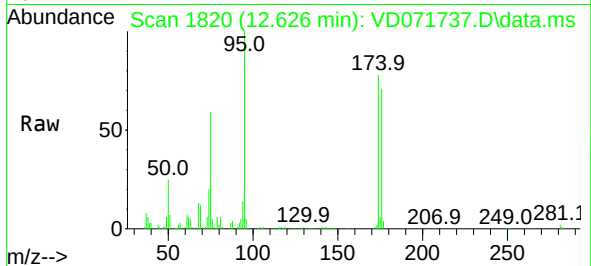




#76
1,2,3-Trichloropropane
Concen: 59.803 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 106744
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 166.723 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071737.D
Acq: 19 Jan 2022 11:07

Tgt Ion: 75 Resp: 106744
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.0 37.2 55.8#

