

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071573.D
 Acq On : 03 Jan 2022 18:36
 Operator : VA/SY
 Sample : M5196-16
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

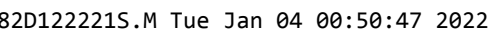
Quant Time: Jan 04 00:50:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

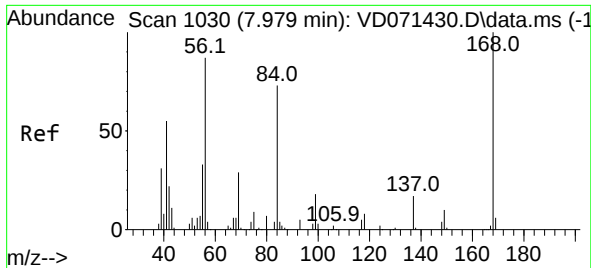
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	428832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	729625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	678027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	302753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240385	42.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.420%
35) Dibromofluoromethane	7.914	113	224783	45.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.680%
50) Toluene-d8	10.338	98	919829	49.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.626	95	312738	47.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	278	Below Cal	#	71
16) Acetone	4.161	43	1558	1.089	ug/l #	40
20) Methylene Chloride	4.967	84	32950	Below Cal		87
31) Cyclohexane	7.979	56	12792	1.322	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	39458	5.037	ug/l #	51
38) Carbon Tetrachloride	7.979	117	46642	6.035	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	179497	49.898	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	179497	140.989	ug/l #	18

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

Quant Time: Jan 04 00:50:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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Response via : Initial Calibration

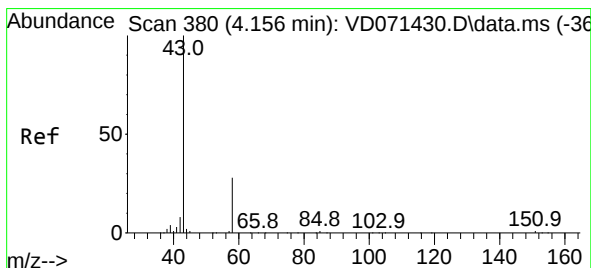
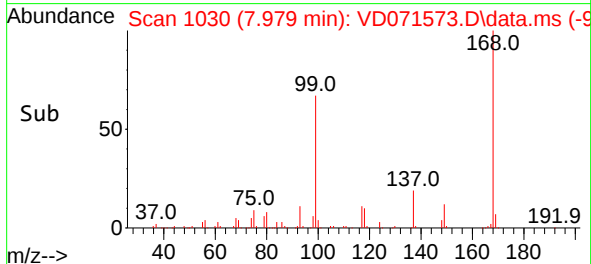
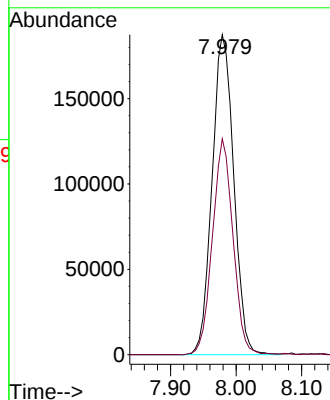
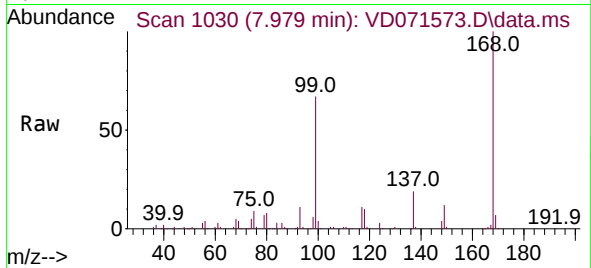




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

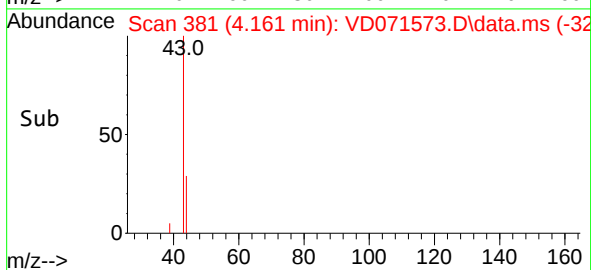
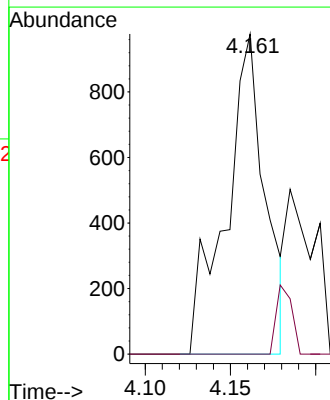
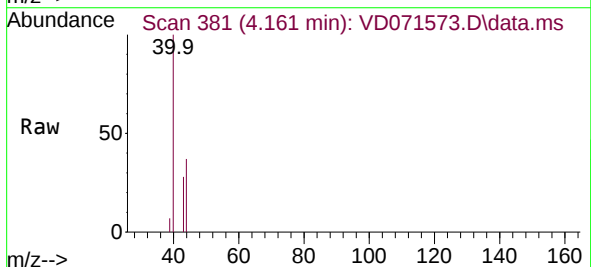
Instrument :
MSVOA_D
ClientSampleId :

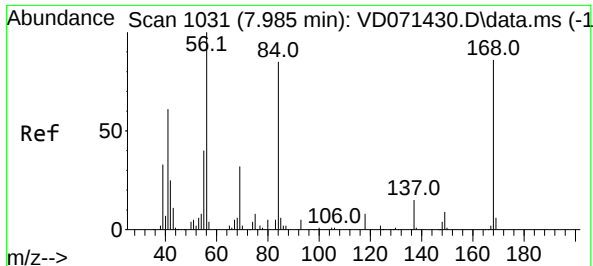
Tgt Ion:168 Resp: 428832
Ion Ratio Lower Upper
168 100
99 67.5 46.6 69.8



#16
Acetone
Concen: 1.089 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

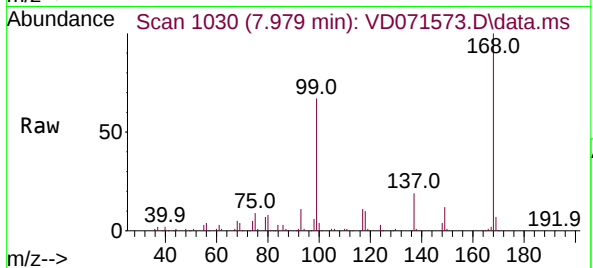
Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



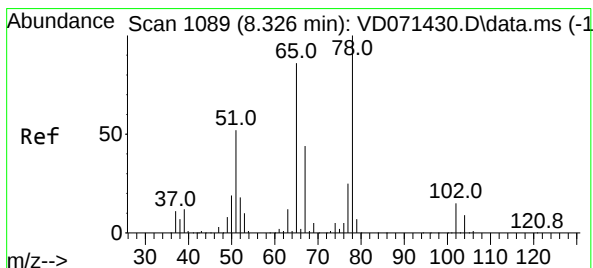
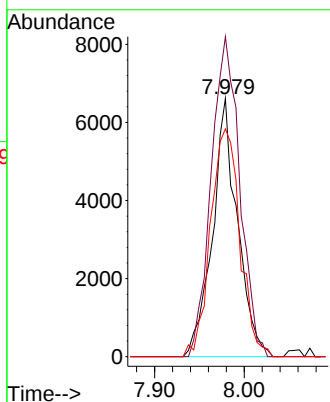
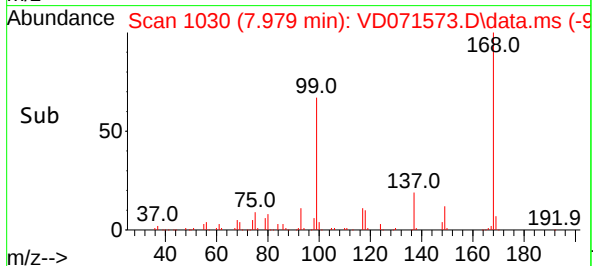


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

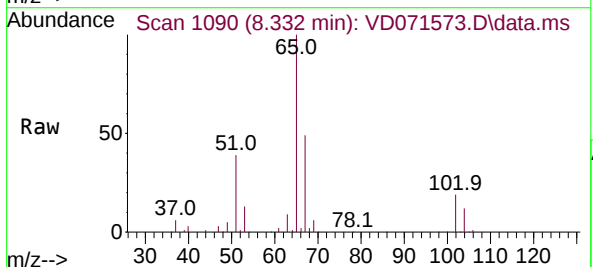
Instrument :
MSVOA_D
ClientSampleId :



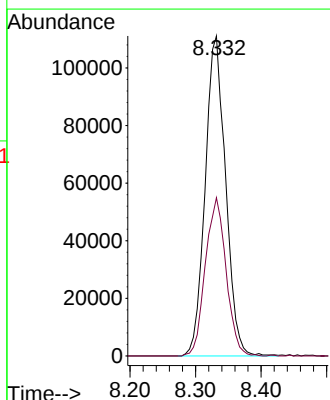
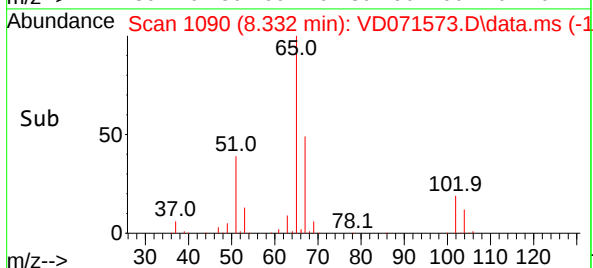
Tgt Ion: 56 Resp: 12792
Ion Ratio Lower Upper
56 100
69 123.9 25.9 38.9#
84 88.3 64.3 96.5

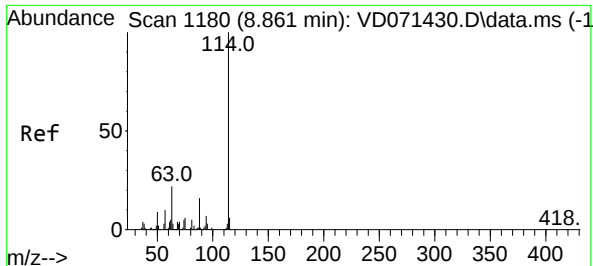


#33
1,2-Dichloroethane-d4
Concen: 42.208 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36



Tgt Ion: 65 Resp: 240385
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071573.D

Acq: 03 Jan 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

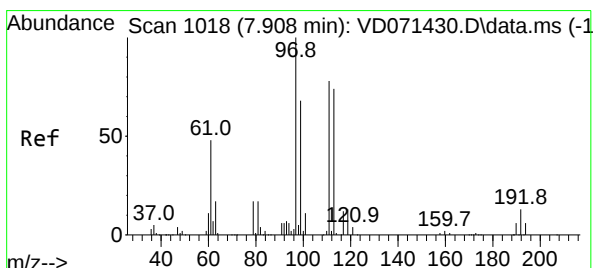
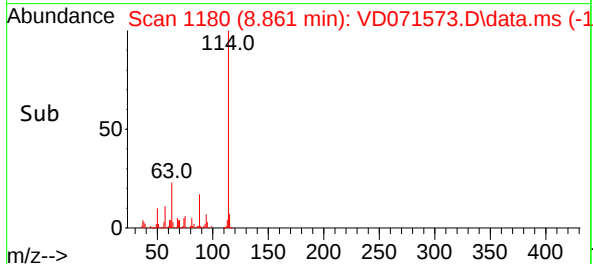
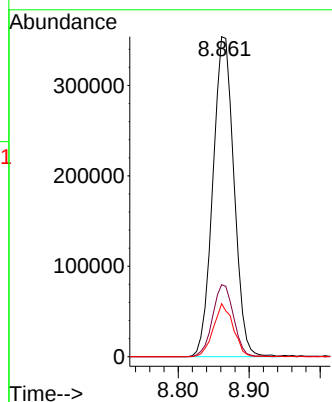
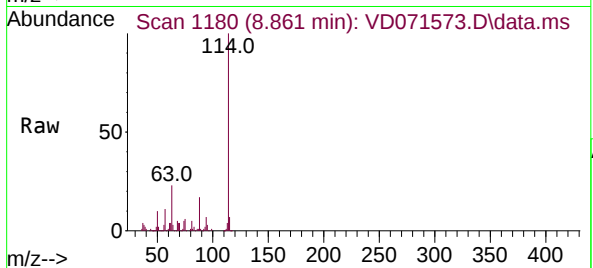
Tgt Ion:114 Resp: 729625

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.840 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071573.D

Acq: 03 Jan 2022 18:36

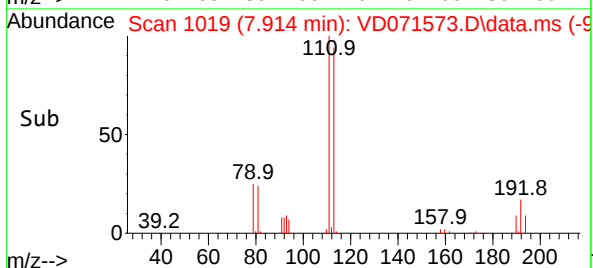
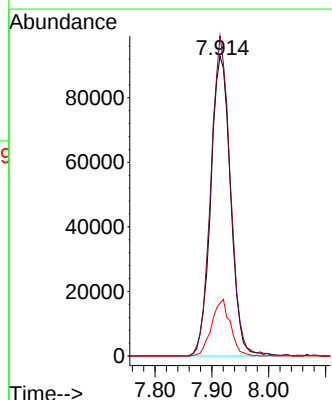
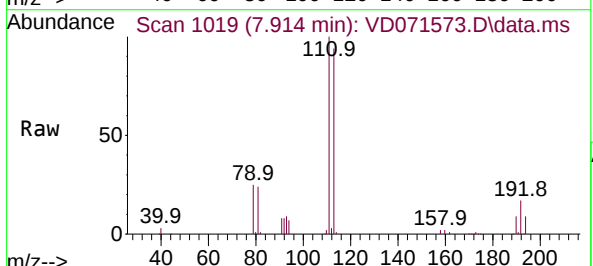
Tgt Ion:113 Resp: 224783

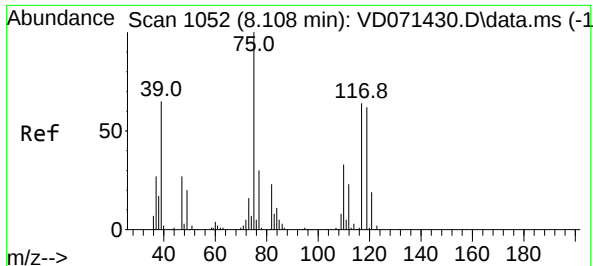
Ion Ratio Lower Upper

113 100

111 104.7 82.0 123.0

192 17.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.037 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071573.D

Acq: 03 Jan 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

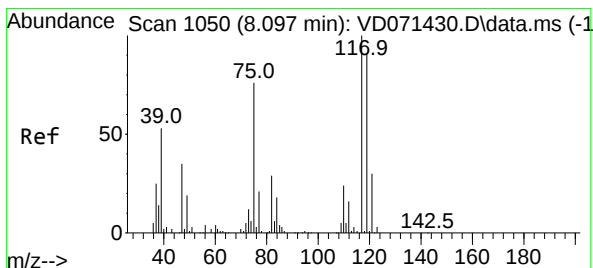
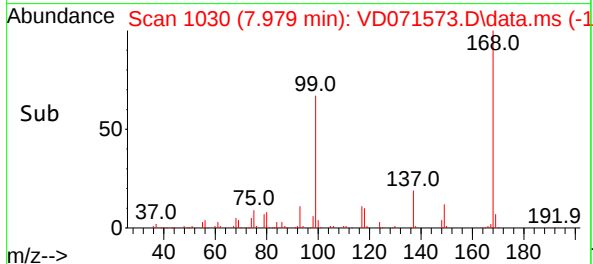
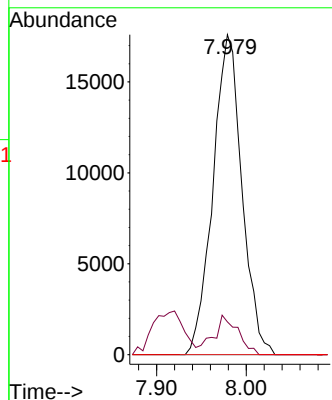
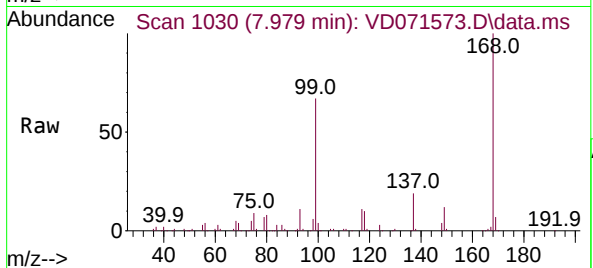
Tgt Ion: 75 Resp: 39458

Ion Ratio Lower Upper

75 100

110 10.5 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.035 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071573.D

Acq: 03 Jan 2022 18:36

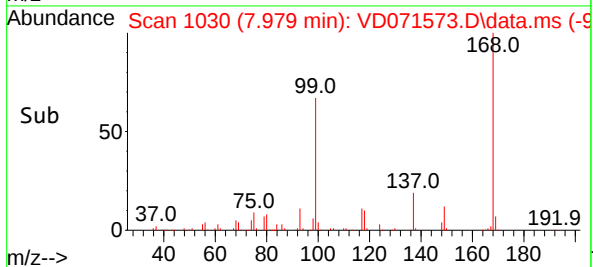
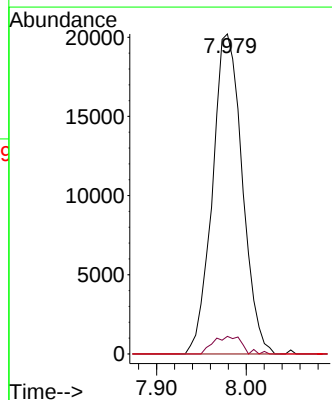
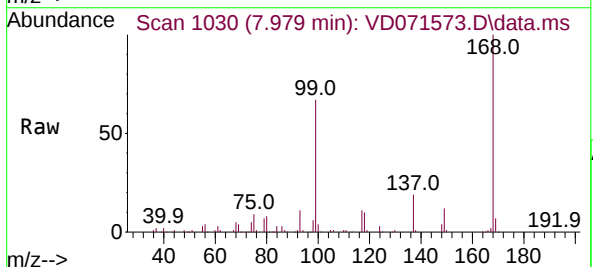
Tgt Ion: 117 Resp: 46642

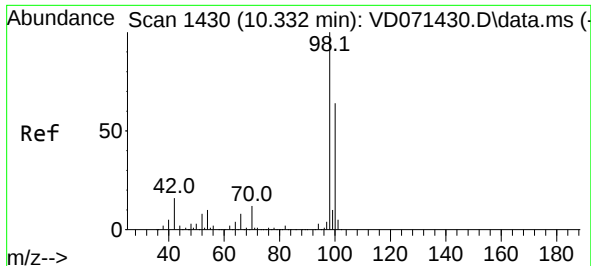
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 23.6 35.4#

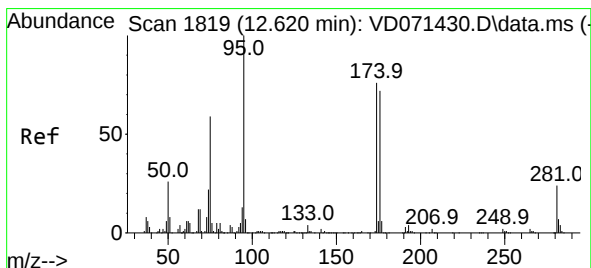
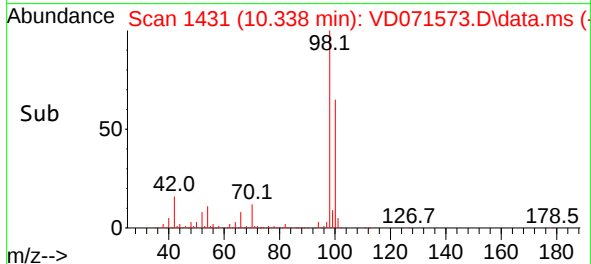
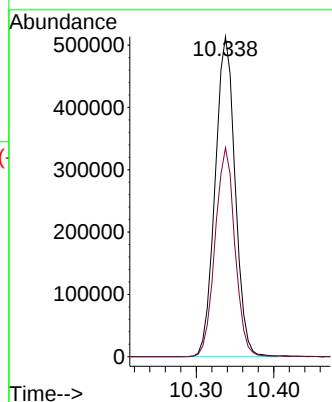
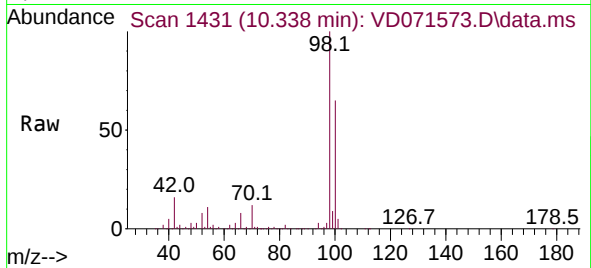




#50
Toluene-d8
Concen: 49.637 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

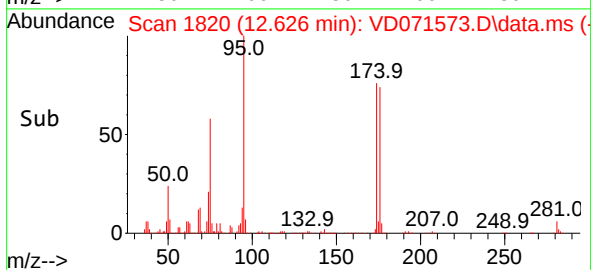
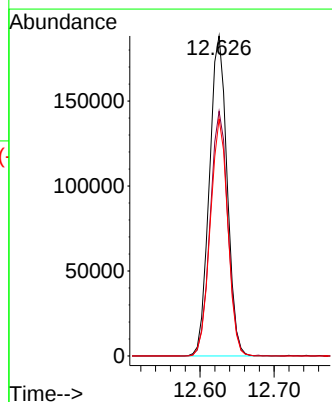
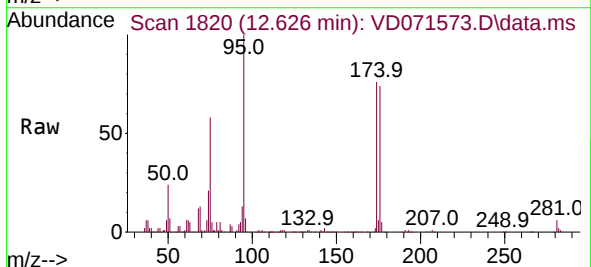
Instrument :
MSVOA_D
ClientSampleId :

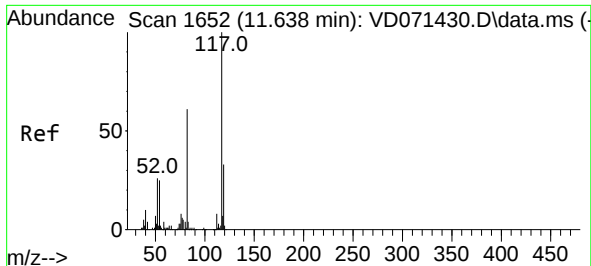
Tgt Ion: 98 Resp: 919829
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.493 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

Tgt Ion: 95 Resp: 312738
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 72.9 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071573.D

Acq: 03 Jan 2022 18:36

Instrument :

MSVOA_D

ClientSampleId :

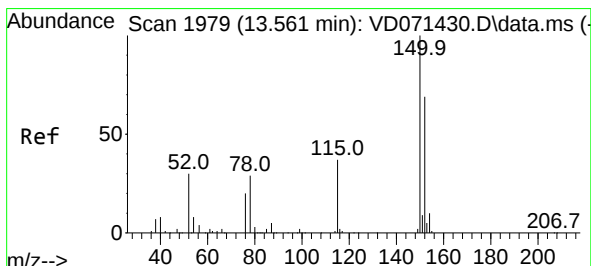
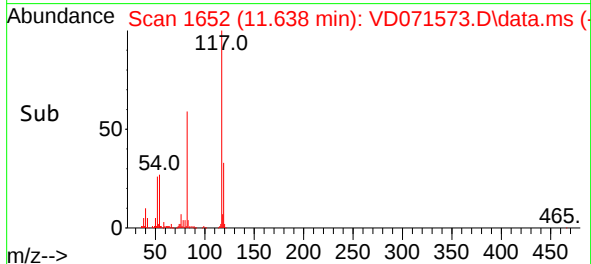
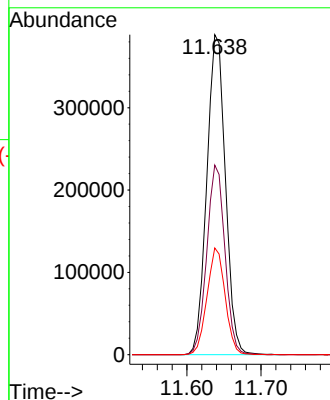
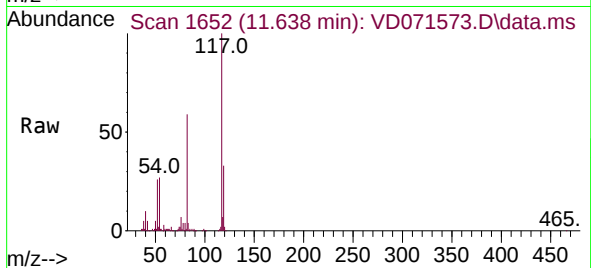
Tgt Ion:117 Resp: 678027

Ion Ratio Lower Upper

117 100

82 59.3 44.7 67.1

119 33.4 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071573.D

Acq: 03 Jan 2022 18:36

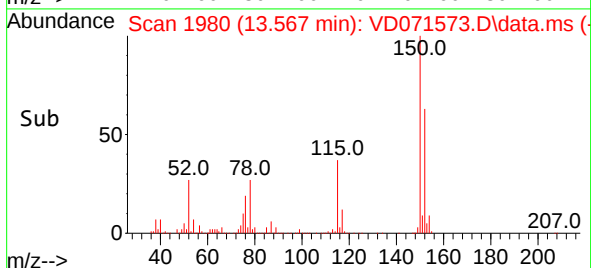
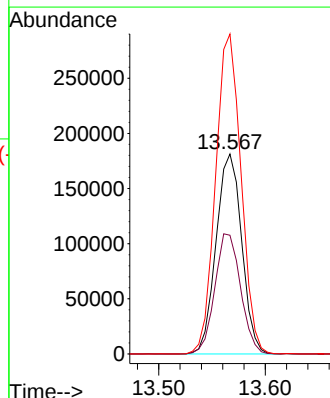
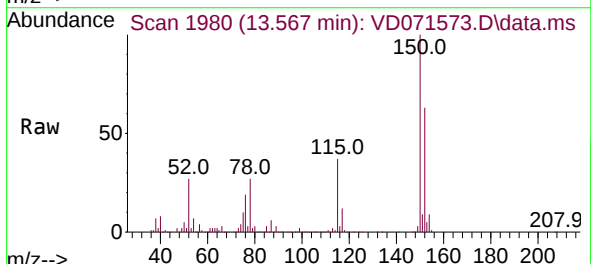
Tgt Ion:152 Resp: 302753

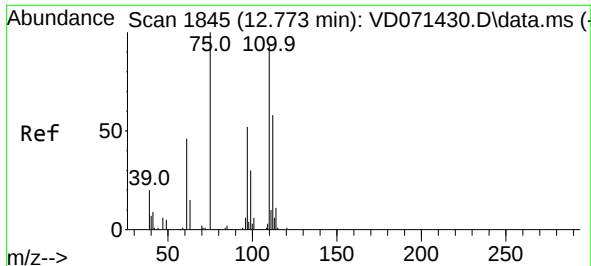
Ion Ratio Lower Upper

152 100

115 60.5 29.8 89.3

150 158.6 0.0 349.2

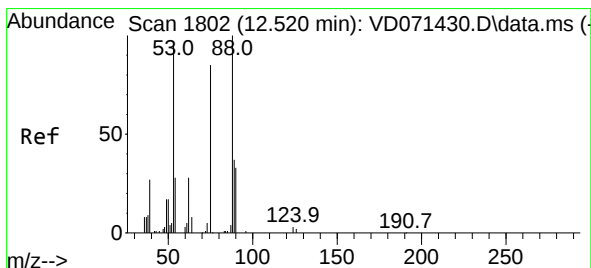
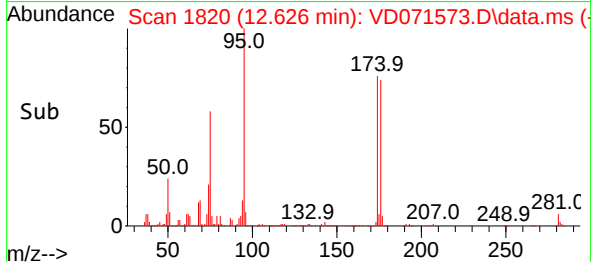
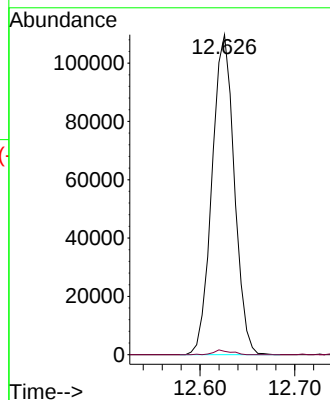
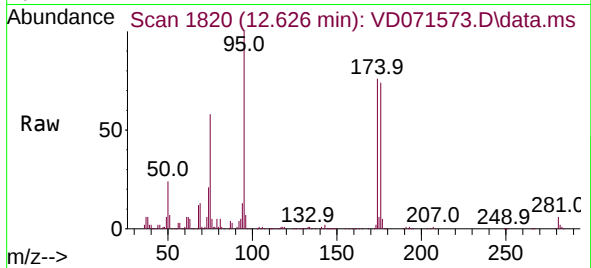




#76
1,2,3-Trichloropropane
Concen: 49.898 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 179497
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.989 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071573.D
Acq: 03 Jan 2022 18:36

Tgt Ion: 75 Resp: 179497
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.2 34.5 51.7#

