

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071602.D
 Acq On : 04 Jan 2022 19:26
 Operator : VA/SY
 Sample : N1004-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

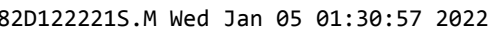
Quant Time: Jan 05 01:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

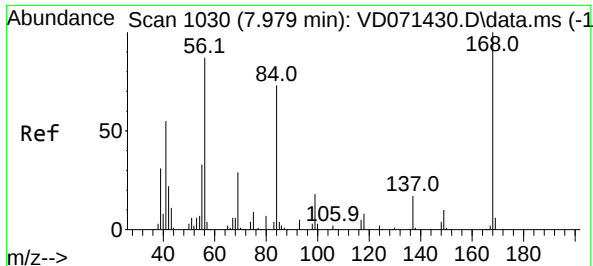
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	147051	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.861	114	256848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	243586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129420	66.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.540%	
35) Dibromofluoromethane	7.914	113	93391	54.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.338	98	324671	49.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.626	95	110732	47.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	1035	Below Cal	#	71
16) Acetone	4.156	43	2572	5.243	ug/l #	40
31) Cyclohexane	7.973	56	4206	1.268	ug/l #	64
36) 1,1-Dichloropropene	7.985	75	13066	4.738	ug/l #	52
38) Carbon Tetrachloride	7.979	117	14776	5.431	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	64857	48.405	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	64857	136.771	ug/l #	18

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

Quant Time: Jan 05 01:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

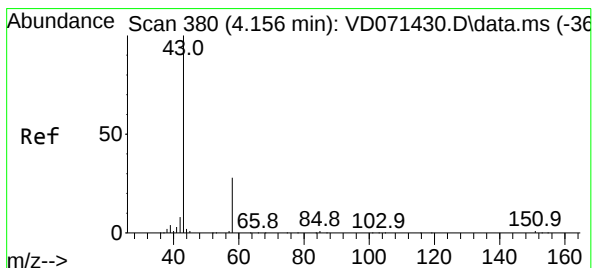
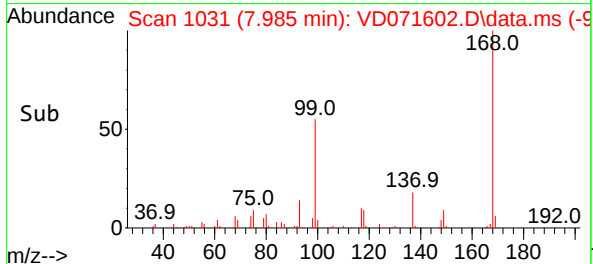
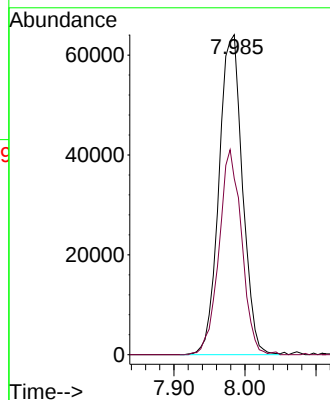
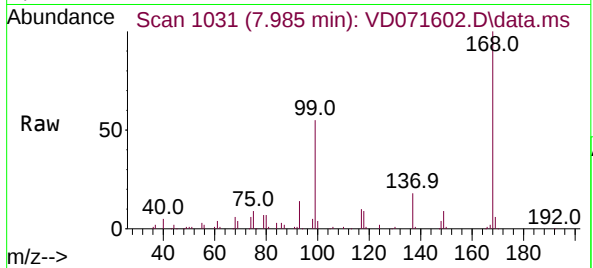




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.012 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

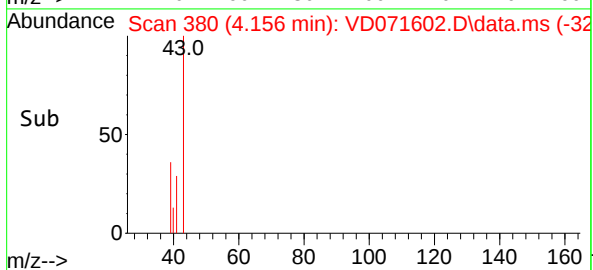
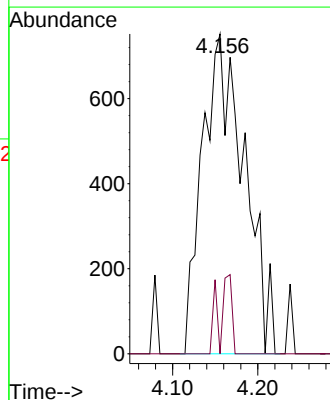
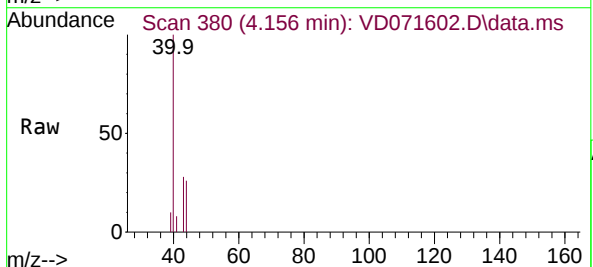
Instrument :
MSVOA_D
ClientSampleId :

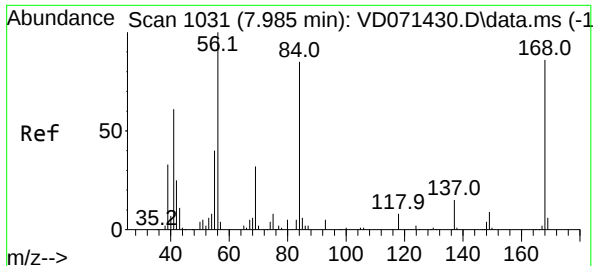
Tgt Ion:168 Resp: 147051
Ion Ratio Lower Upper
168 100
99 55.0 46.6 69.8



#16
Acetone
Concen: 5.243 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

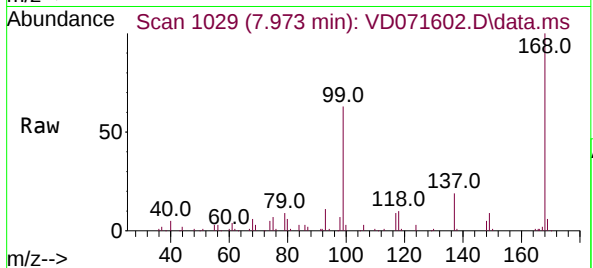
Tgt Ion: 43 Resp: 2572
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



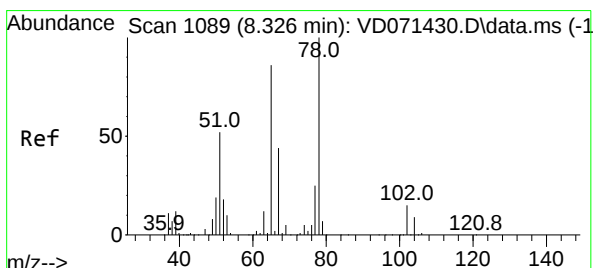
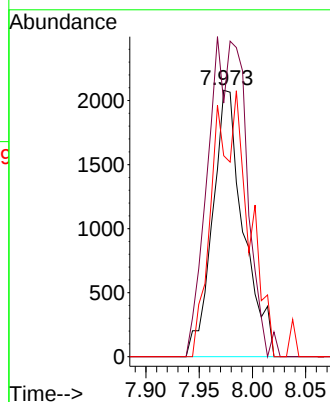
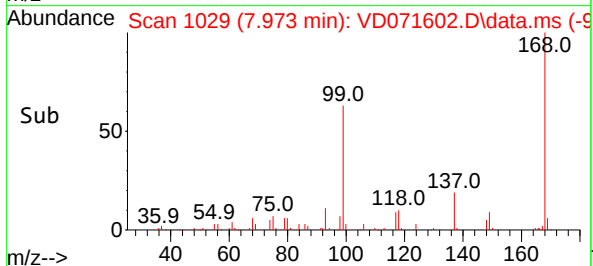


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Instrument :
MSVOA_D
ClientSampleId :

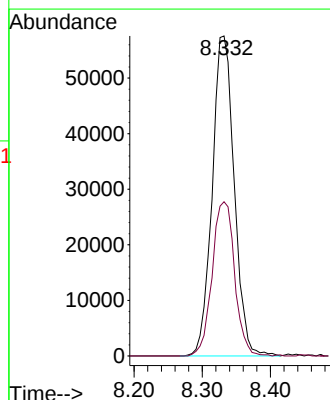
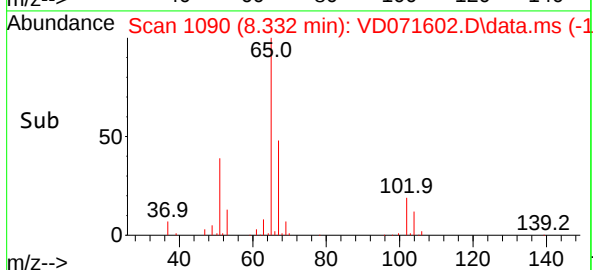
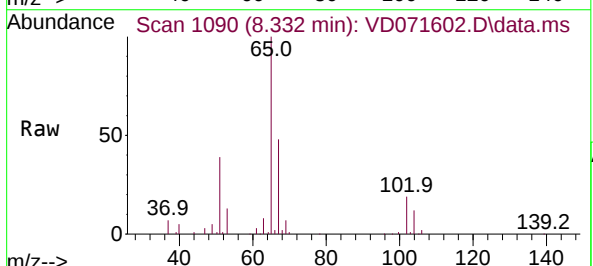


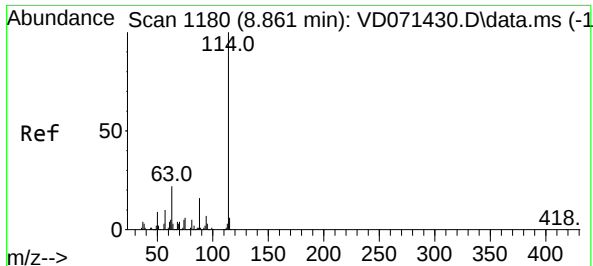
Tgt Ion: 56 Resp: 4206
Ion Ratio Lower Upper
56 100
69 95.2 25.9 38.9#
84 75.4 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 66.268 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion: 65 Resp: 129420
Ion Ratio Lower Upper
65 100
67 49.2 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: VD071602.D

Acq: 04 Jan 2022 19:26

Instrument :

MSVOA_D

ClientSampleId :

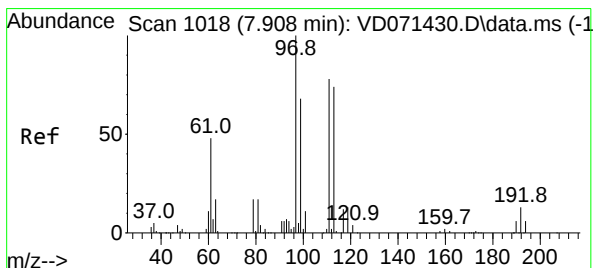
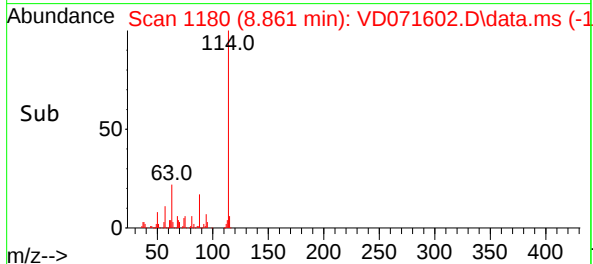
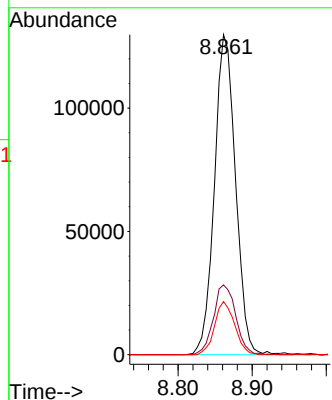
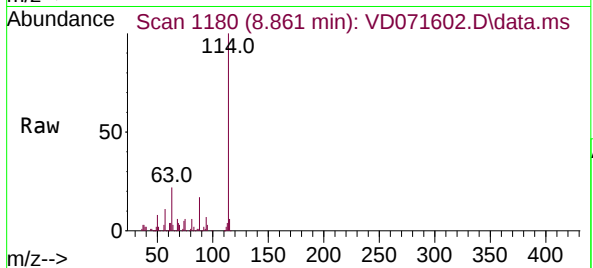
Tgt Ion:114 Resp: 256848

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.101 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071602.D

Acq: 04 Jan 2022 19:26

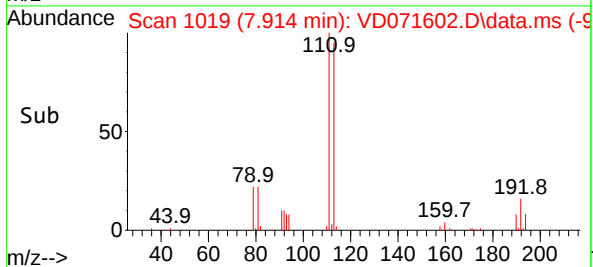
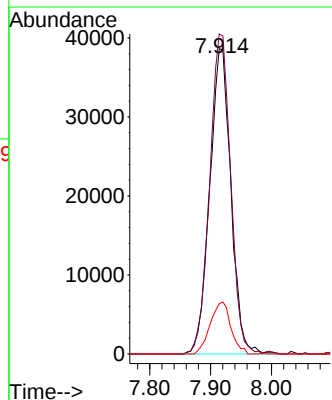
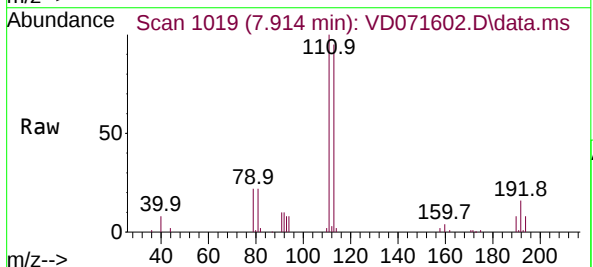
Tgt Ion:113 Resp: 93391

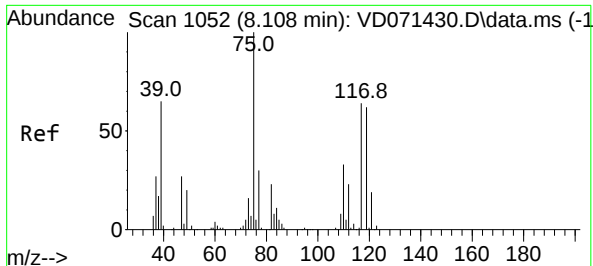
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 16.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.738 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.123 min

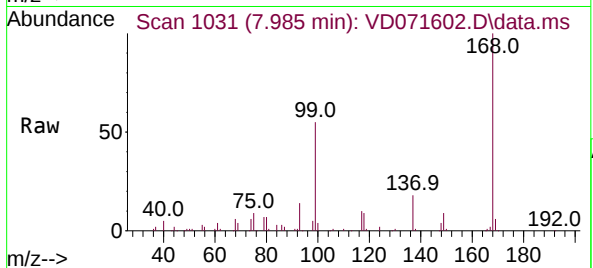
Lab File: VD071602.D

Acq: 04 Jan 2022 19:26

Instrument :

MSVOA_D

ClientSampleId :



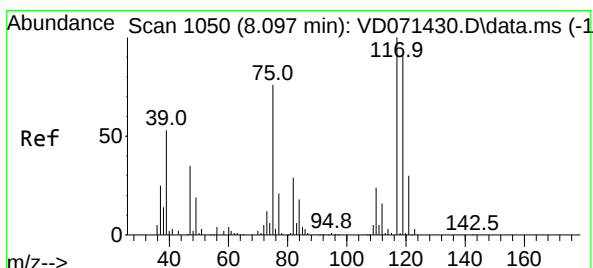
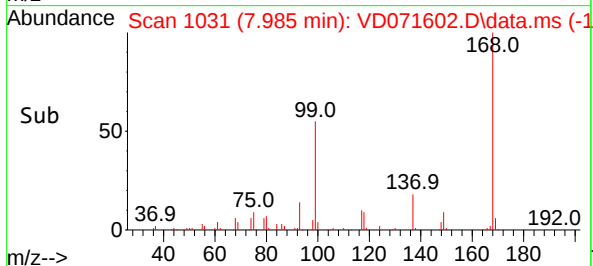
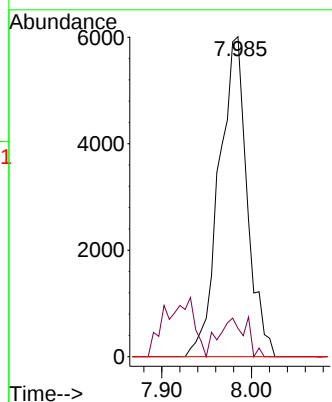
Tgt Ion: 75 Resp: 13066

Ion Ratio Lower Upper

75 100

110 12.0 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.431 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071602.D

Acq: 04 Jan 2022 19:26

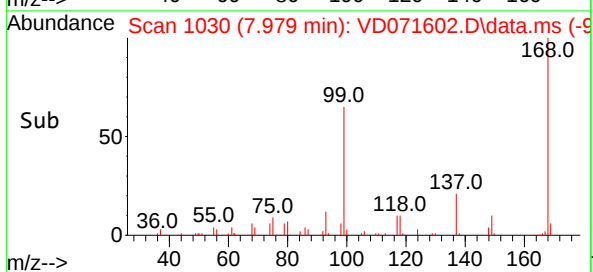
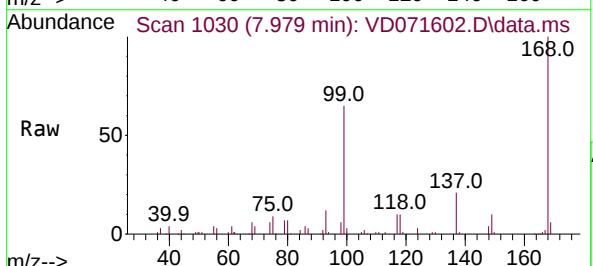
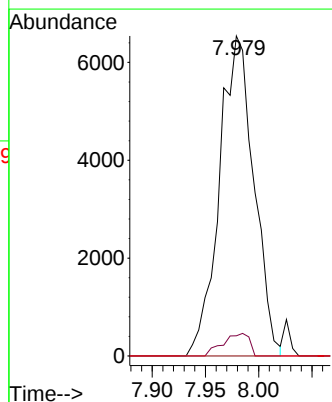
Tgt Ion: 117 Resp: 14776

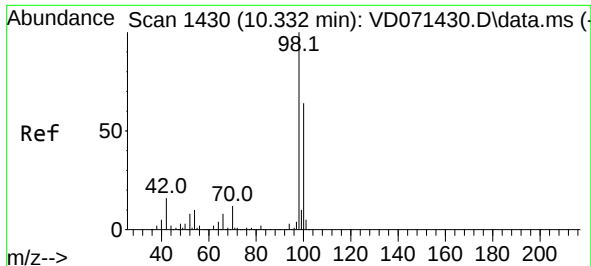
Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 23.6 35.4#

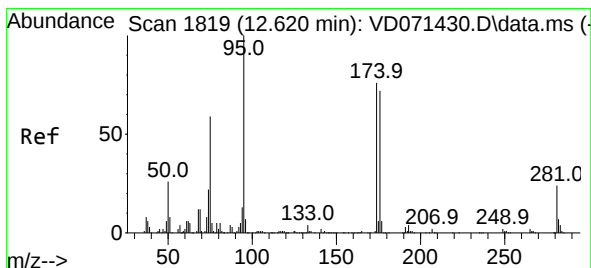
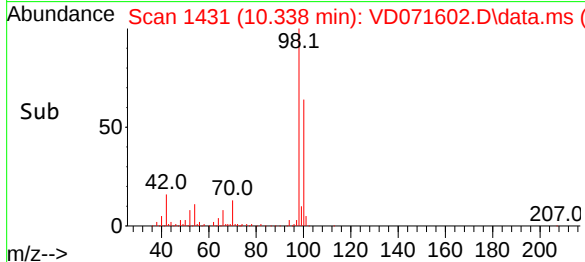
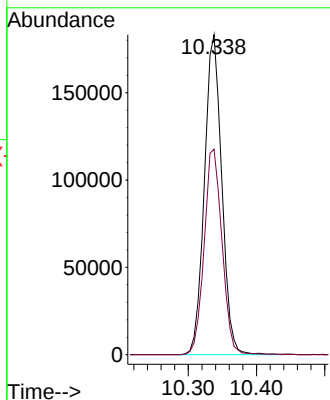
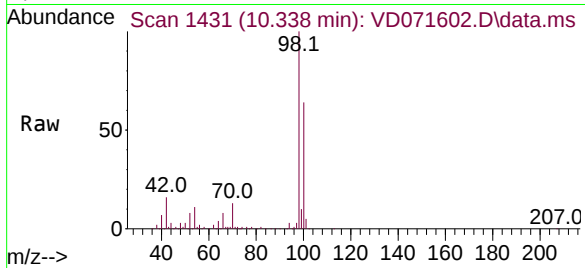




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

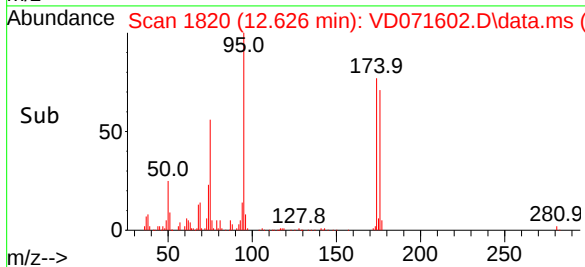
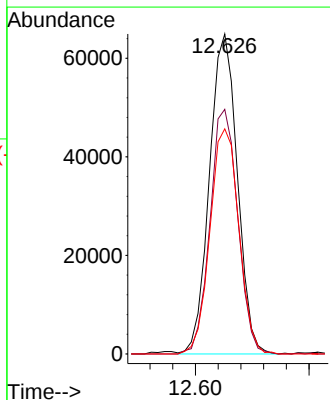
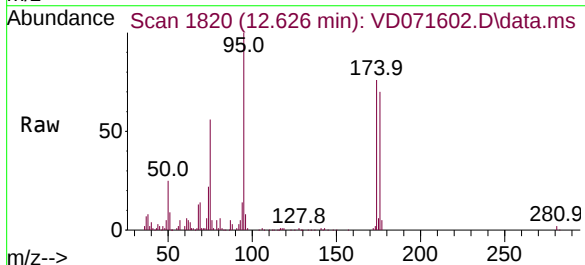
Instrument :
MSVOA_D
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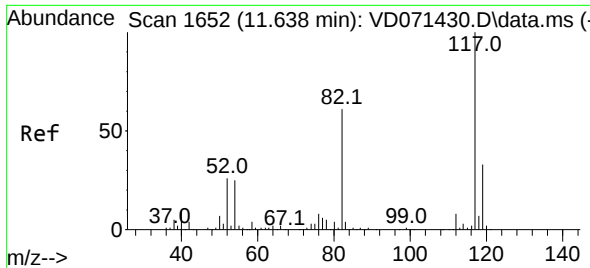
Tgt Ion: 98 Resp: 324671
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion: 95 Resp: 110732
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 72.8 0.0 154.0

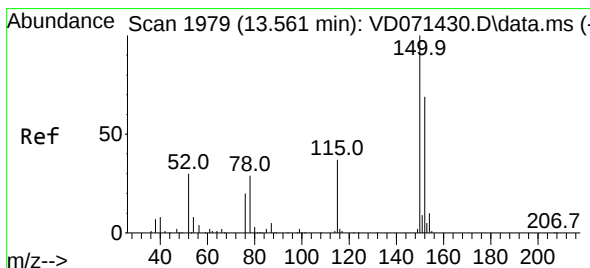
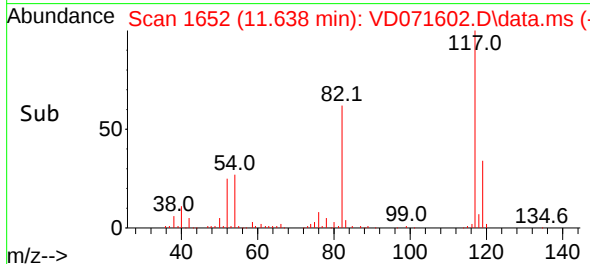
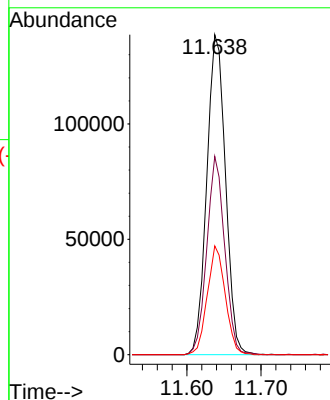
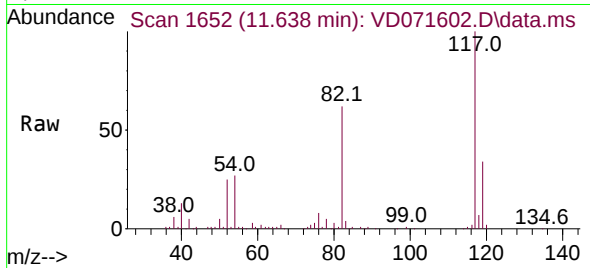




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

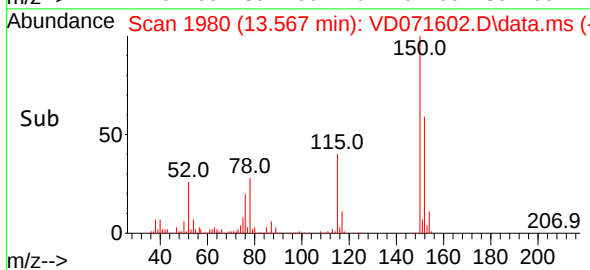
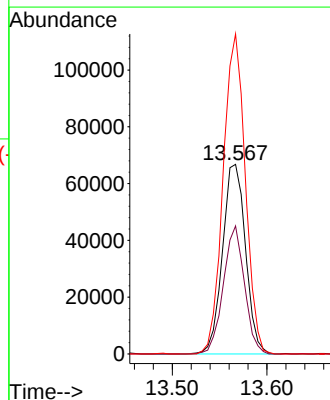
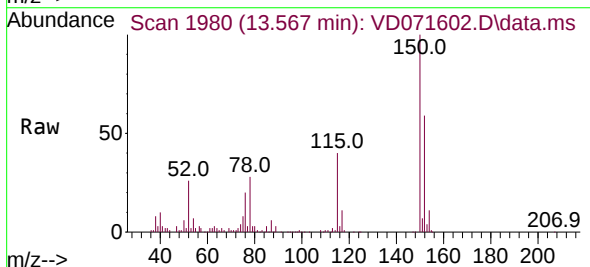
Instrument :
MSVOA_D
ClientSampleId :

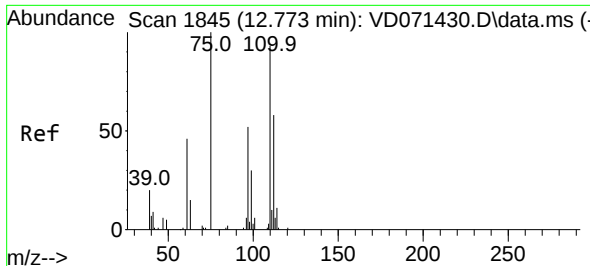
Tgt Ion:117 Resp: 243586
Ion Ratio Lower Upper
117 100
82 61.9 44.7 67.1
119 34.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion:152 Resp: 112767
Ion Ratio Lower Upper
152 100
115 61.9 29.8 89.3
150 162.1 0.0 349.2

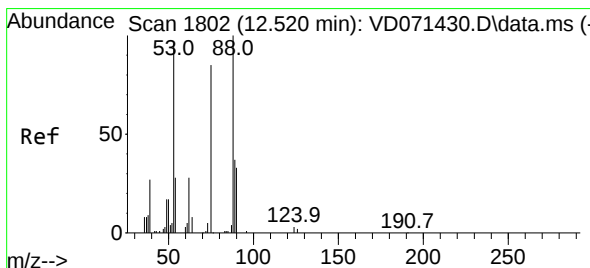
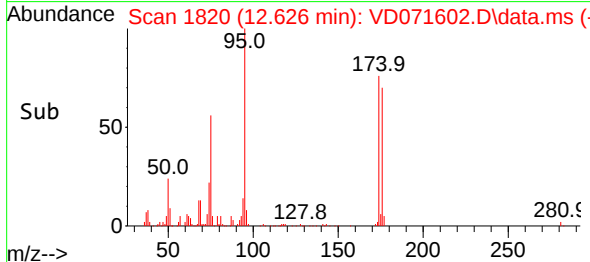
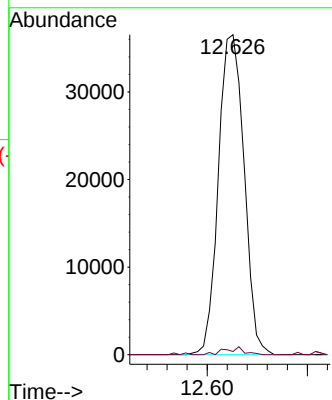
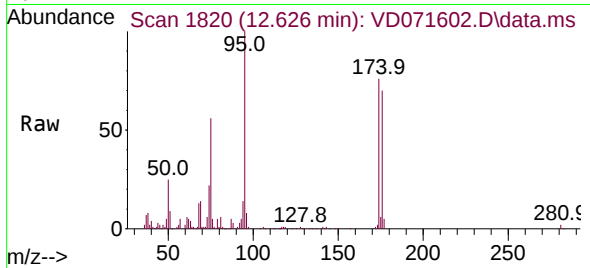




#76
1,2,3-Trichloropropane
Concen: 48.405 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 64857
Ion Ratio Lower Upper
75 100
77 1.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.771 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion: 75 Resp: 64857
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#

