

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072161.D
 Acq On : 14 Mar 2022 11:43
 Operator : VA/SY
 Sample : VD0314SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01

Quant Time: Mar 15 01:22:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

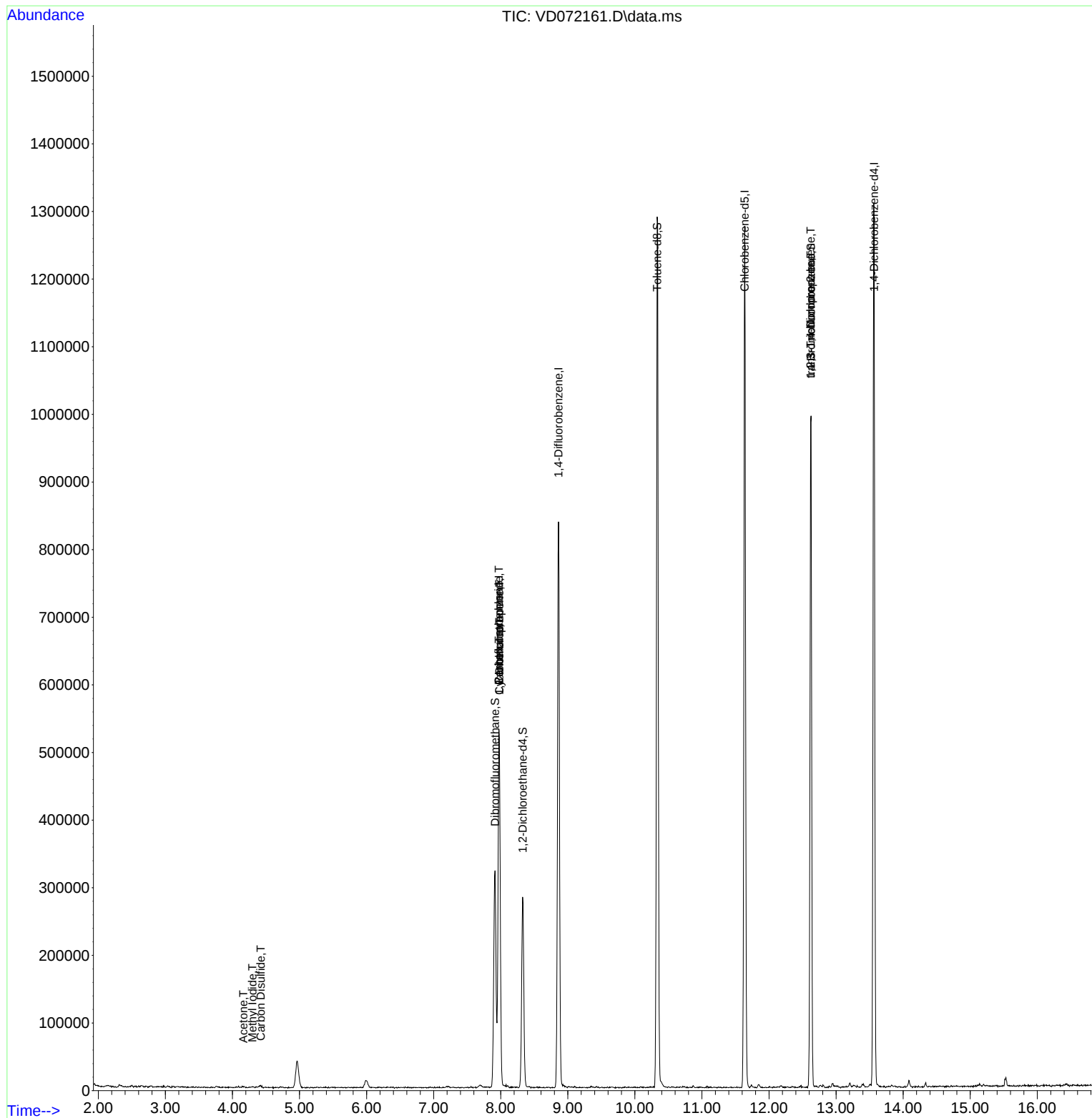
Internal Standards						
1) Pentafluorobenzene	7.973	168	396424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	716521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	727152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	349210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227676	51.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.060%	
35) Dibromofluoromethane	7.914	113	232075	46.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.060%	
50) Toluene-d8	10.332	98	888627	48.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.626	95	340737	47.564	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.120%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	718	2.396	ug/l #	32
16) Acetone	4.162	43	3233	3.370	ug/l	99
17) Carbon Disulfide	4.421	76	5184	2.092	ug/l #	81
31) Cyclohexane	7.979	56	9258	1.341	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	29872	4.223	ug/l #	53
38) Carbon Tetrachloride	7.973	117	40573	5.046	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	178354	46.301	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	178354	114.876	ug/l #	7

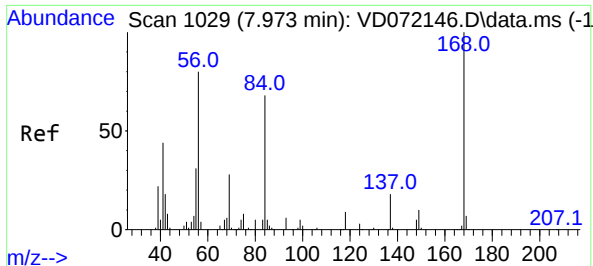
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
Data File : VD072161.D
Acq On : 14 Mar 2022 11:43
Operator : VA/SY
Sample : VD0314SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Quant Time: Mar 15 01:22:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

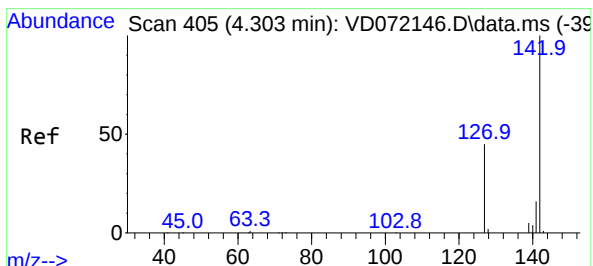
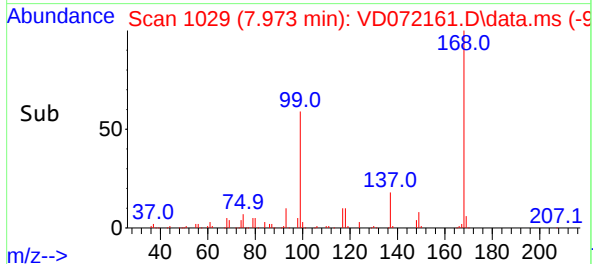
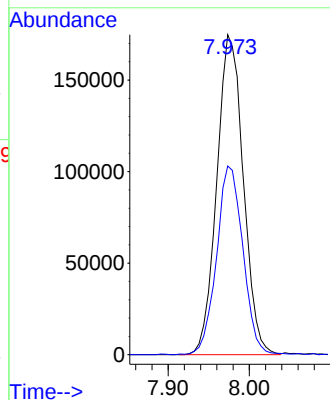
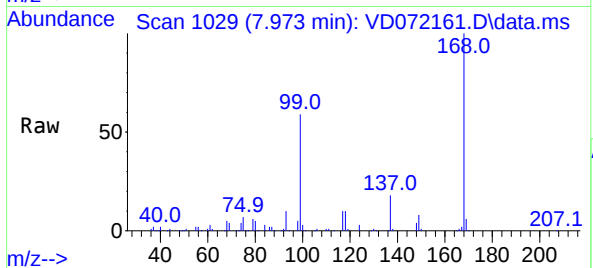




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

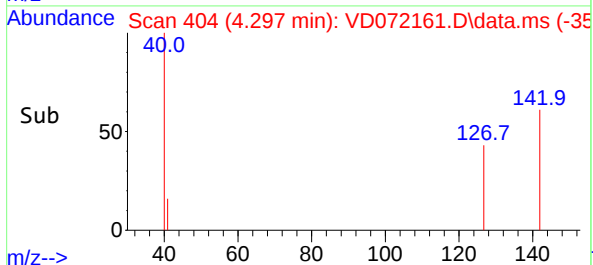
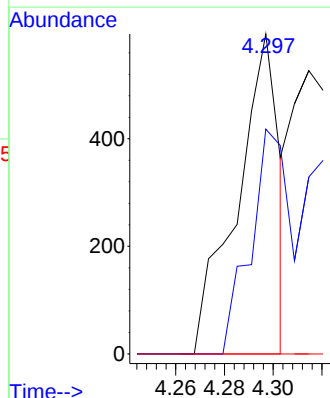
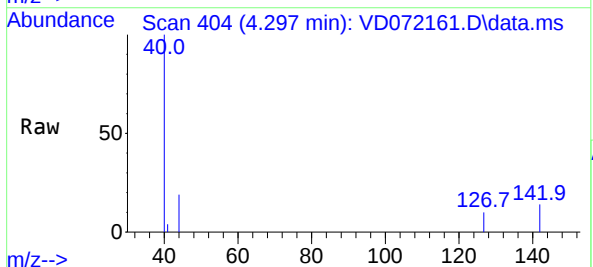
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Tgt Ion:168 Resp: 396424
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.396 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Tgt Ion:142 Resp: 718
Ion Ratio Lower Upper
142 100
127 98.2 37.3 55.9#
141 0.0 11.7 17.5#

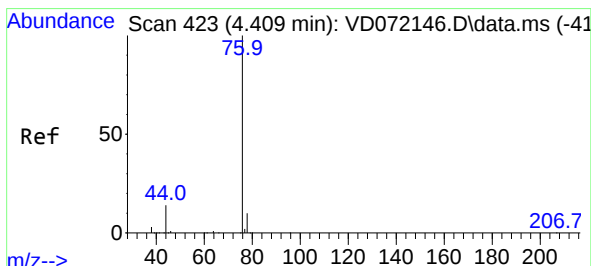
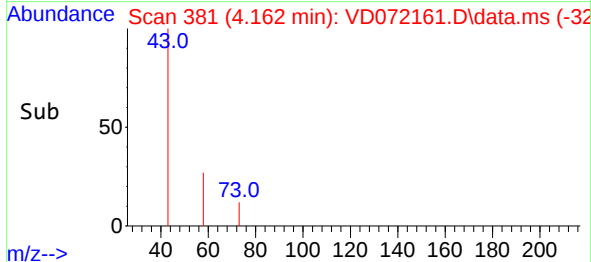
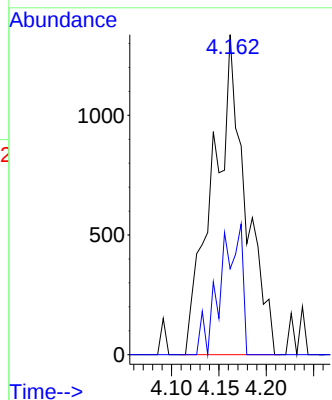
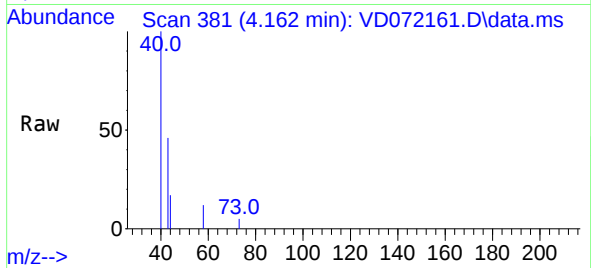




#16
Acetone
Concen: 3.370 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

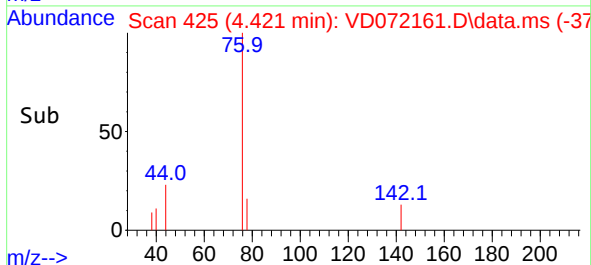
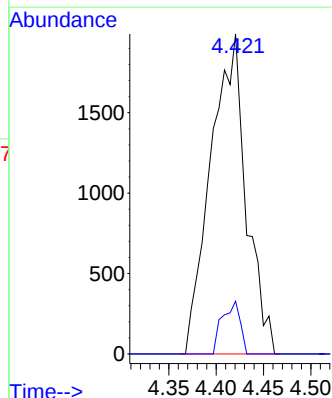
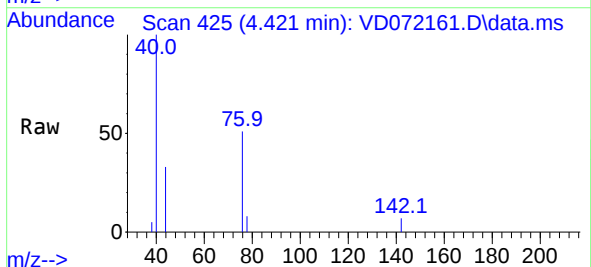
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

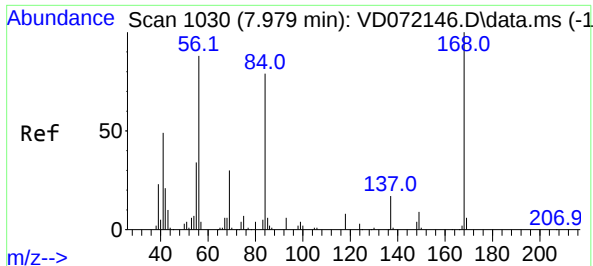
Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
58 26.9 22.1 33.1



#17
Carbon Disulfide
Concen: 2.092 ug/l
RT: 4.421 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Tgt Ion: 76 Resp: 5184
Ion Ratio Lower Upper
76 100
78 16.5 7.5 11.3#





#31

Cyclohexane

Concen: 1.341 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072161.D

Acq: 14 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

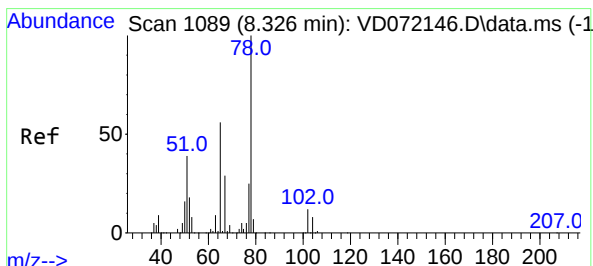
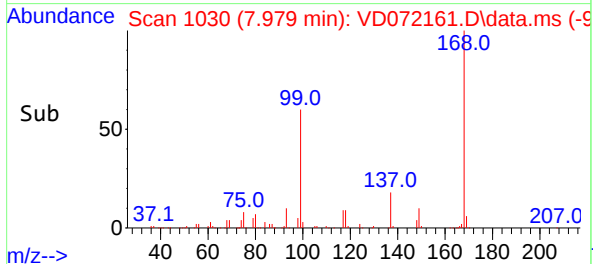
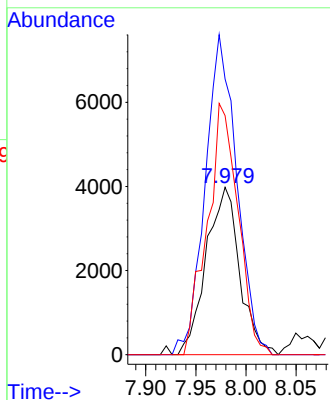
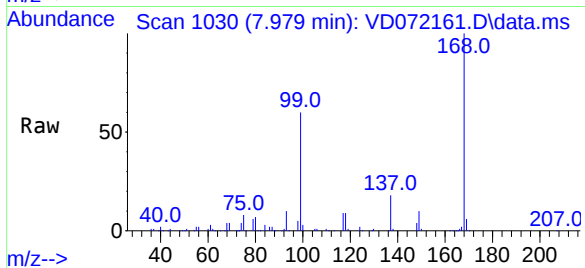
Tgt Ion: 56 Resp: 9258

Ion Ratio Lower Upper

56 100

69 164.7 25.4 38.2#

84 142.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.535 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072161.D

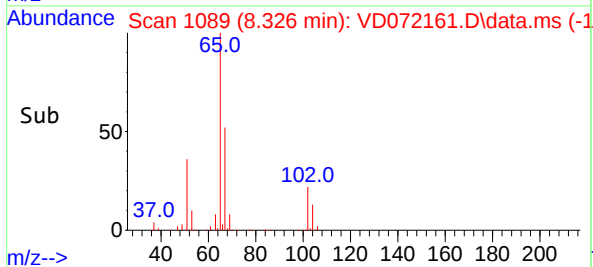
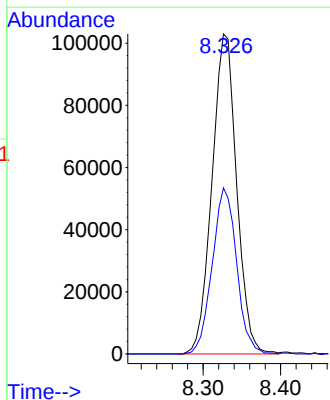
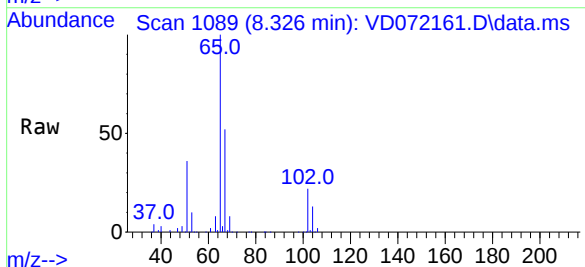
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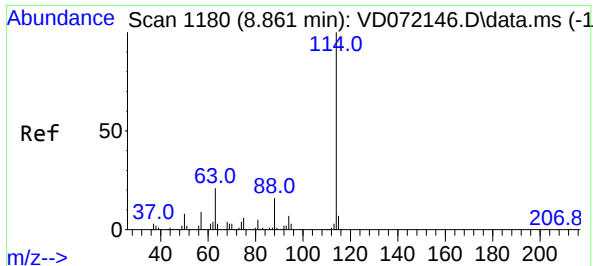
Tgt Ion: 65 Resp: 227676

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072161.D

Acq: 14 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

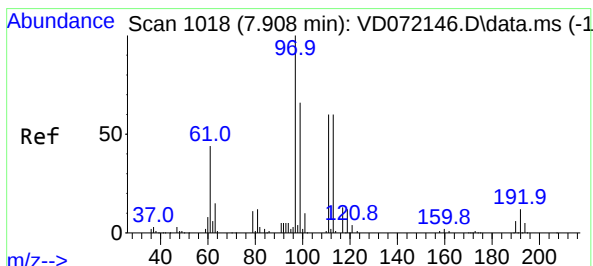
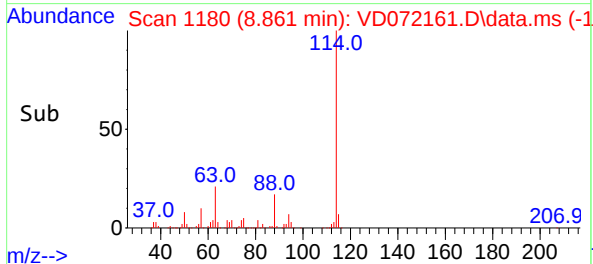
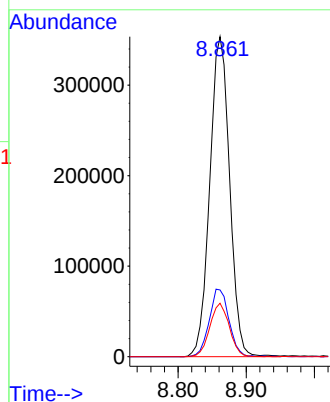
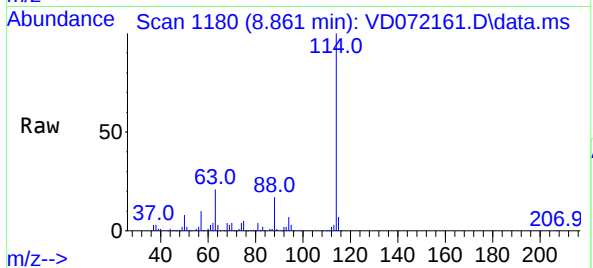
Tgt Ion:114 Resp: 716521

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.026 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072161.D

Acq: 14 Mar 2022 11:43

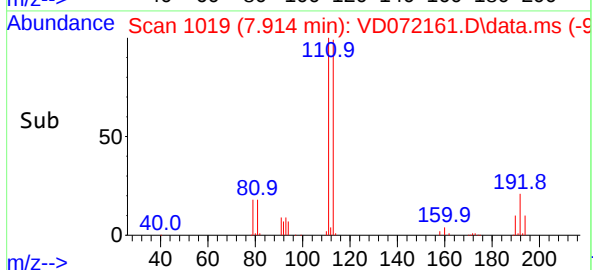
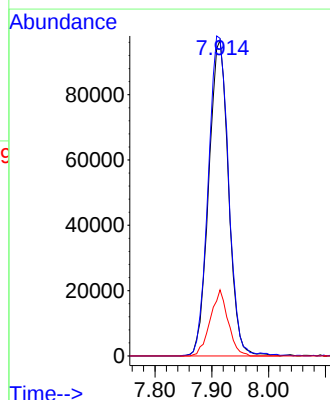
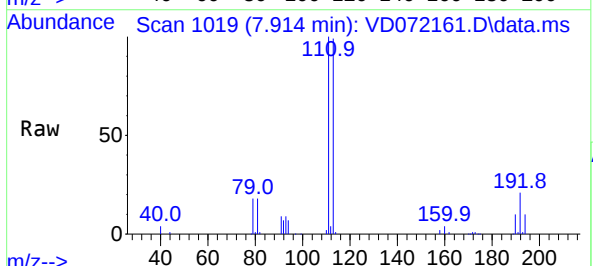
Tgt Ion:113 Resp: 232075

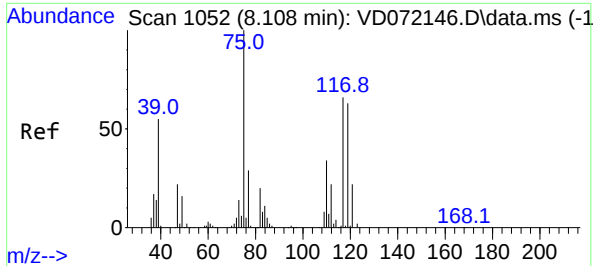
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 19.0 14.6 21.8

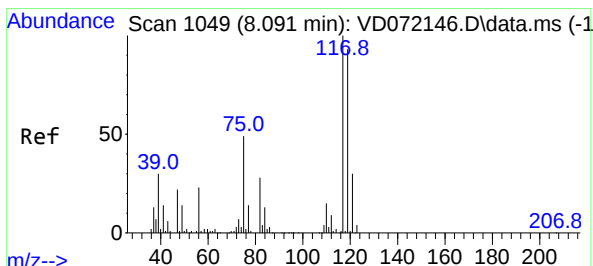
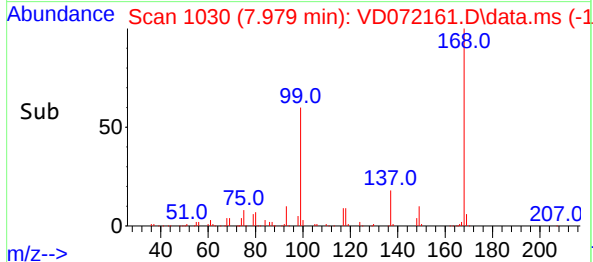
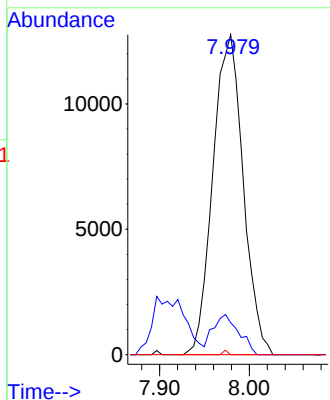
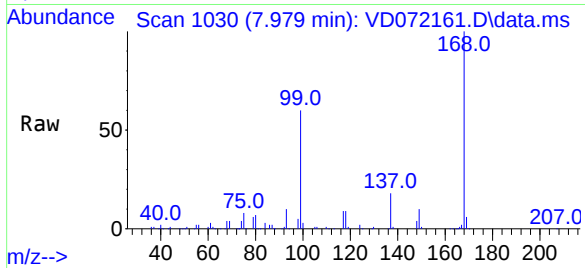




#36
1,1-Dichloropropene
Concen: 4.223 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

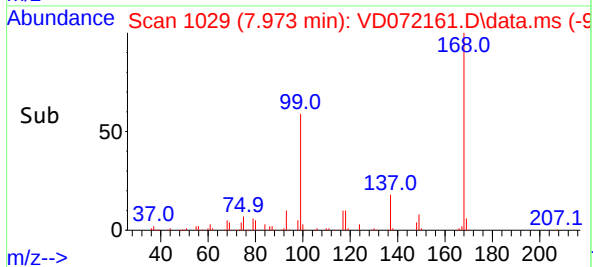
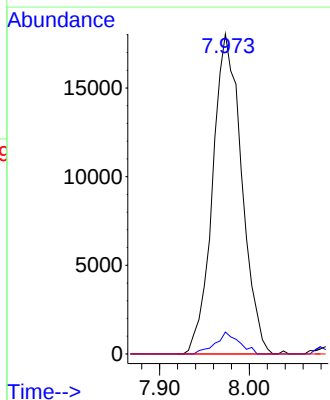
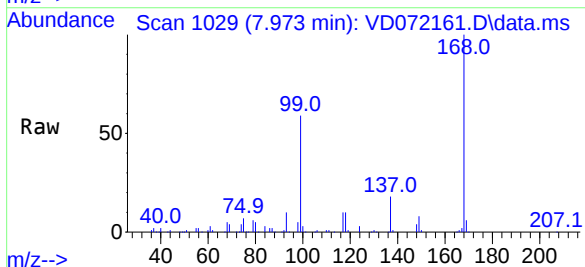
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

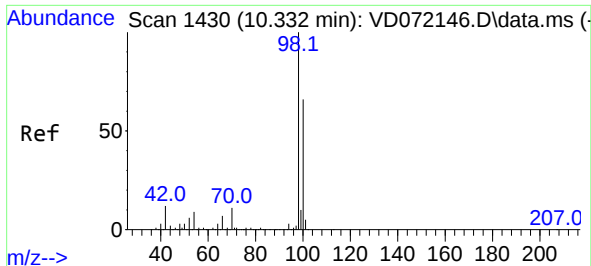
Tgt Ion: 75 Resp: 29872
Ion Ratio Lower Upper
75 100
110 10.7 16.4 49.1#
77 0.2 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.046 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Tgt Ion: 117 Resp: 40573
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.5 36.7#

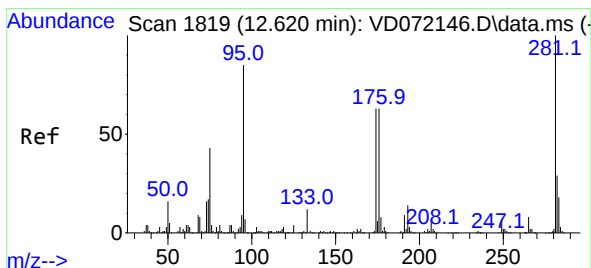
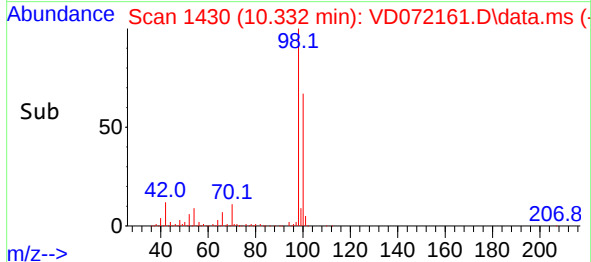
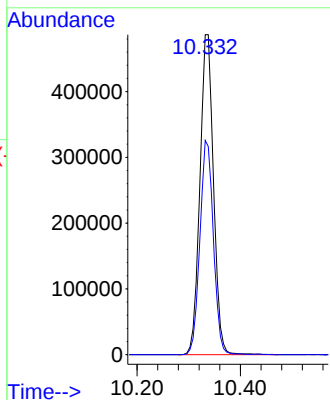
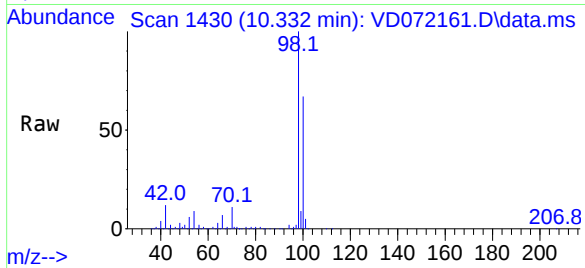




#50
Toluene-d8
Concen: 48.198 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

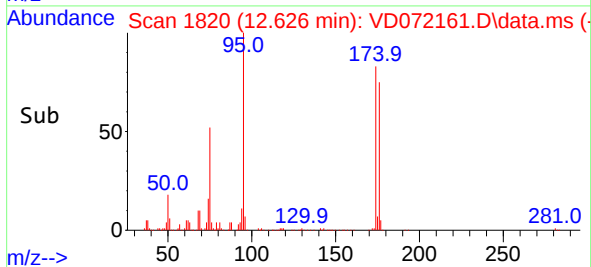
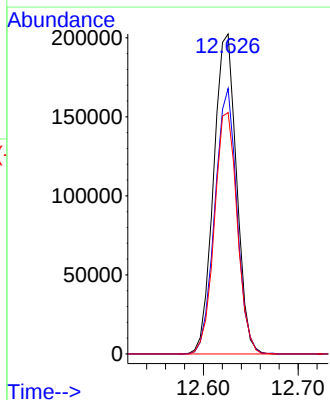
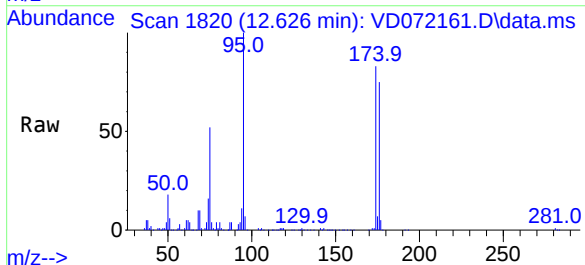
Instrument :
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ClientSampleId :
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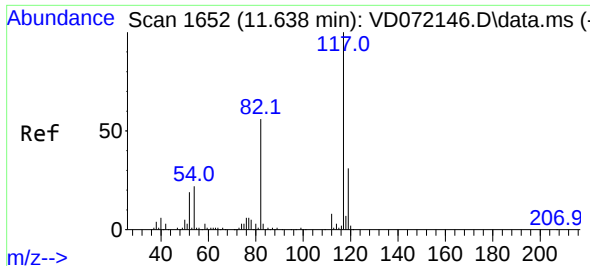
Tgt Ion: 98 Resp: 888627
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.564 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Tgt Ion: 95 Resp: 340737
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 75.1 0.0 145.4

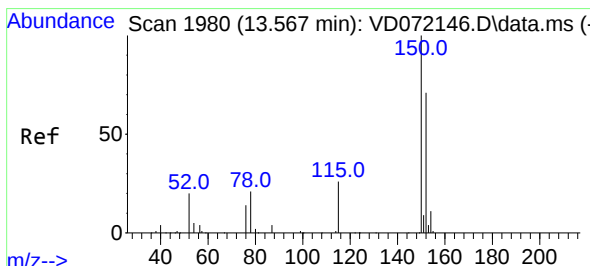
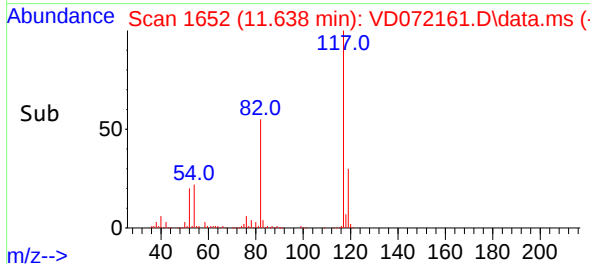
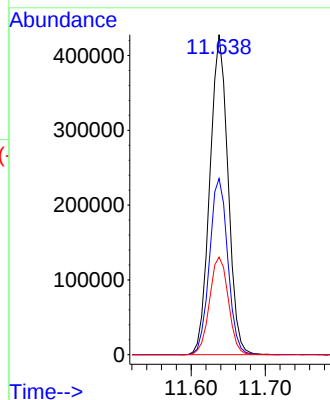
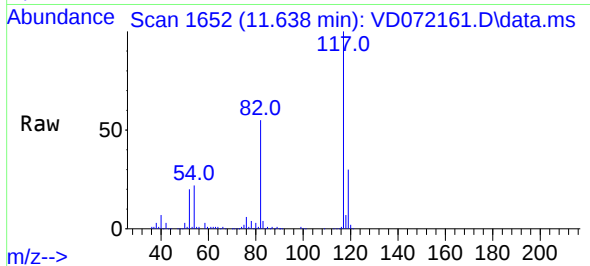




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

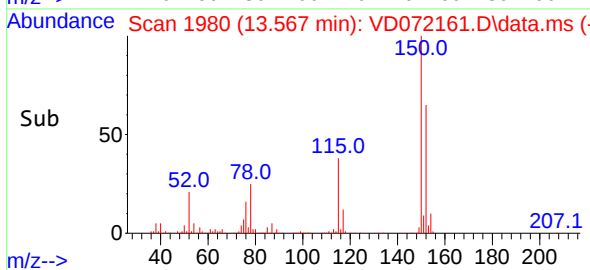
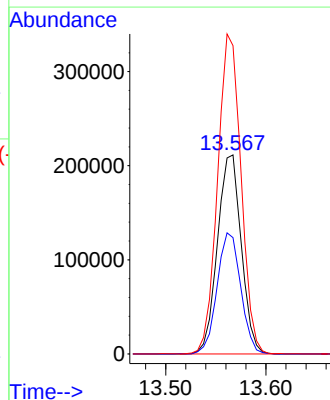
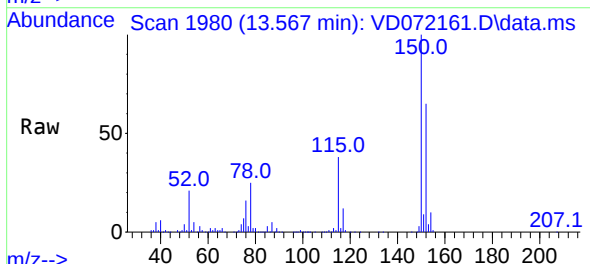
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

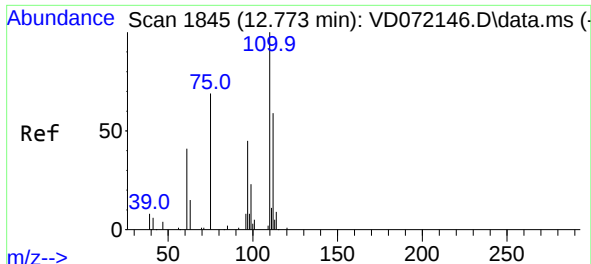
Tgt Ion:117 Resp: 727152
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 30.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Tgt Ion:152 Resp: 349210
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 158.1 0.0 348.6

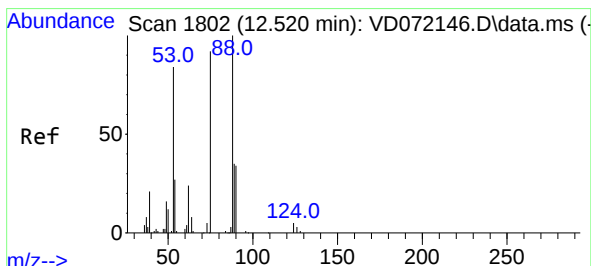
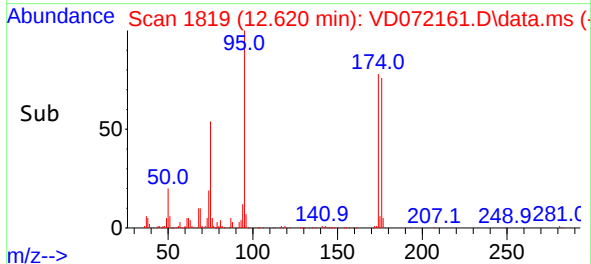
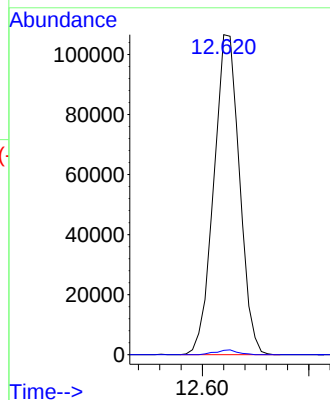
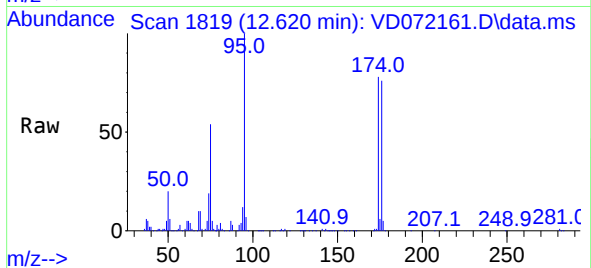




#76
1,2,3-Trichloropropane
Concen: 46.301 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Tgt Ion: 75 Resp: 178354
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.876 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072161.D
Acq: 14 Mar 2022 11:43

Tgt Ion: 75 Resp: 178354
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

