

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073977.D
 Acq On : 08 Aug 2022 17:23
 Operator : VA/SY
 Sample : N3995-03
 Misc : 4.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Aug 08 18:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

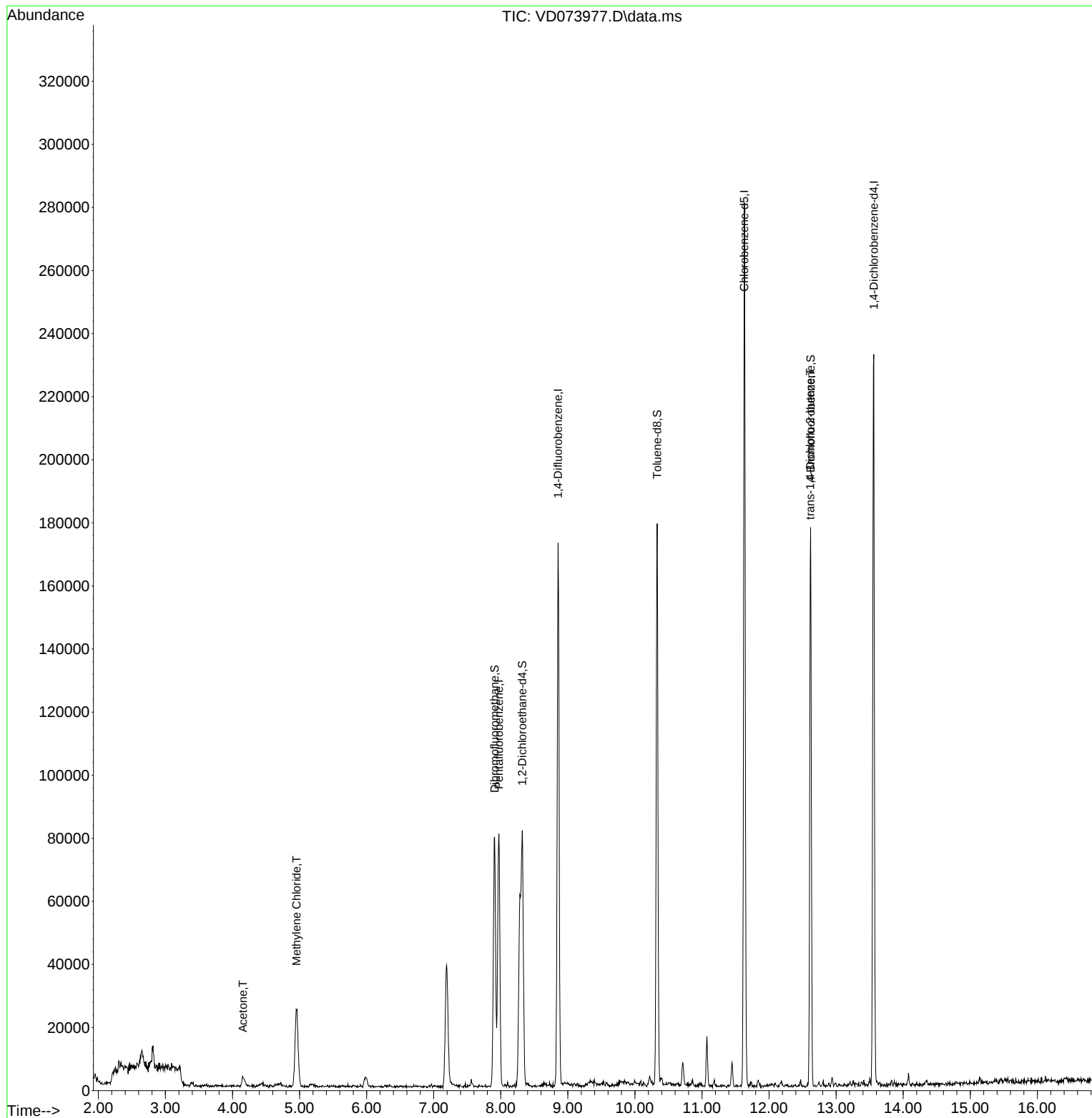
Internal Standards						
1) Pentafluorobenzene	7.973	168	58403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	143895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	156293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	60967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57262	140.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 280.500%#	
35) Dibromofluoromethane	7.908	113	55350	62.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.880%	
50) Toluene-d8	10.332	98	120112	49.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.620	95	52534	44.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.940%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	6165	50.606	ug/l	98
20) Methylene Chloride	4.956	84	19697	22.182	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.614	75	28486	127.298	ug/l #	11

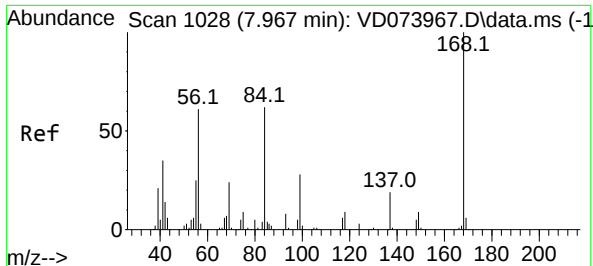
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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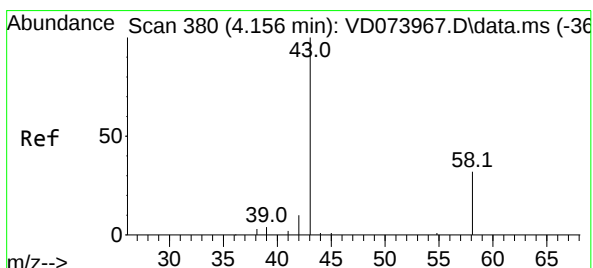
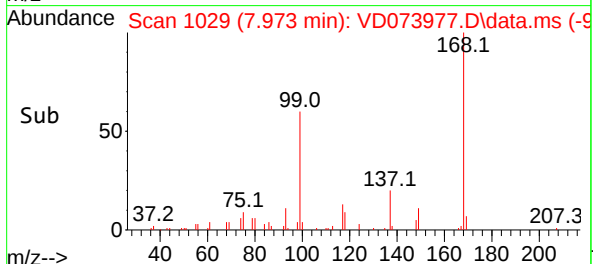
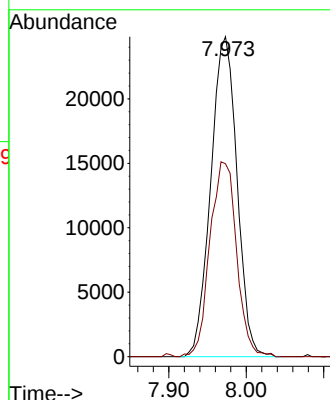
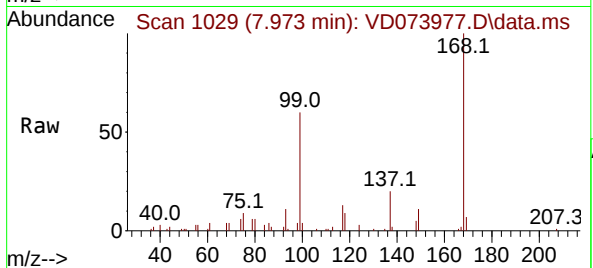




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073977.D
Acq: 08 Aug 2022 17:23

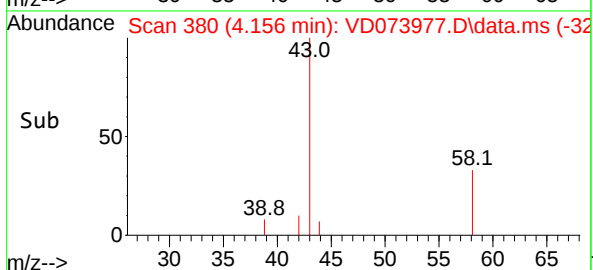
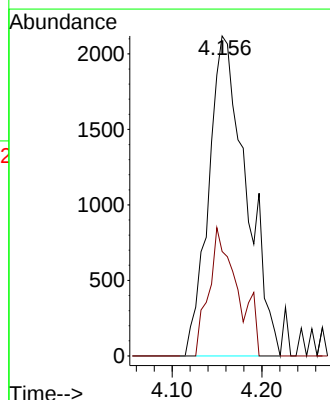
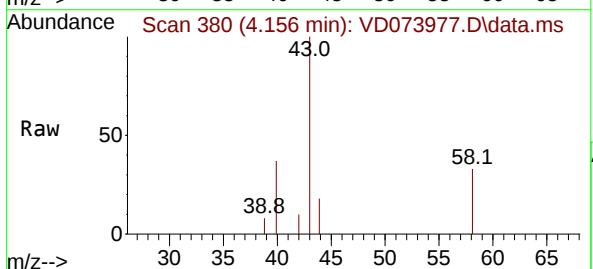
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

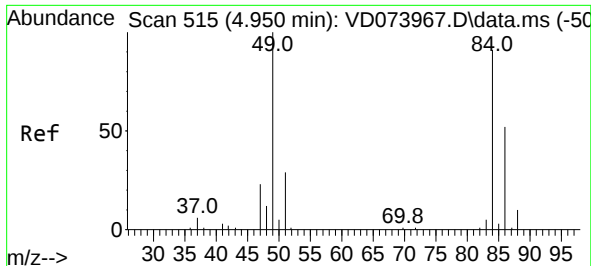
Tgt Ion:168 Resp: 58403
Ion Ratio Lower Upper
168 100
99 60.3 46.2 69.4



#16
Acetone
Concen: 50.606 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073977.D
Acq: 08 Aug 2022 17:23

Tgt Ion: 43 Resp: 6165
Ion Ratio Lower Upper
43 100
58 32.7 25.4 38.0





#20

Methylene Chloride

Concen: 22.182 ug/l

RT: 4.956 min Scan# 515

Delta R.T. 0.006 min

Lab File: VD073977.D

Acq: 08 Aug 2022 17:23

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

Tgt Ion: 84 Resp: 19697

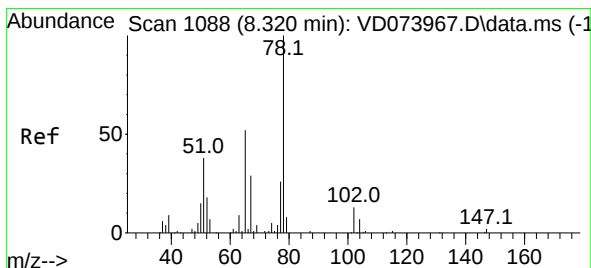
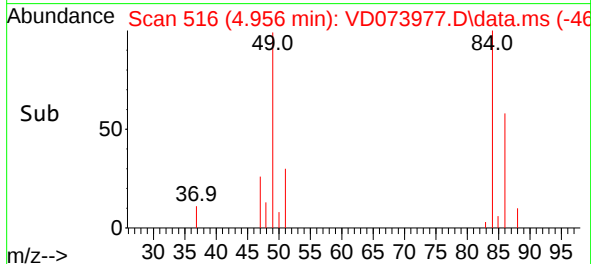
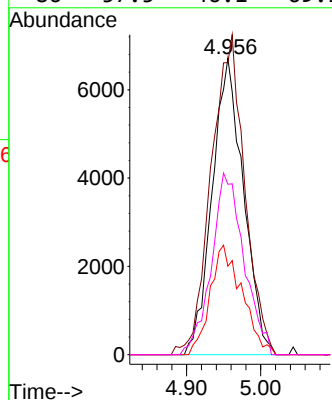
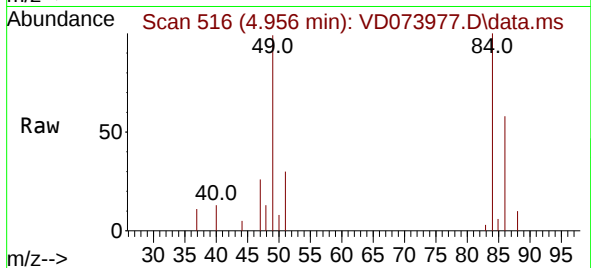
Ion Ratio Lower Upper

84 100

49 98.6 87.9 131.9

51 29.9 25.7 38.5

86 57.5 46.1 69.1



#33

1,2-Dichloroethane-d4

Concen: 140.248 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073977.D

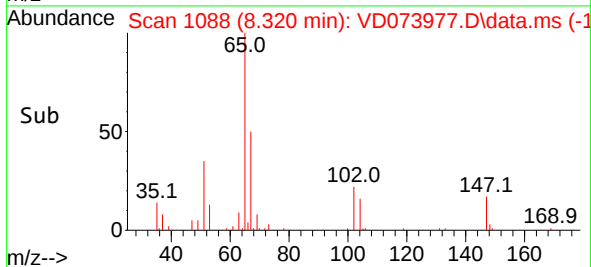
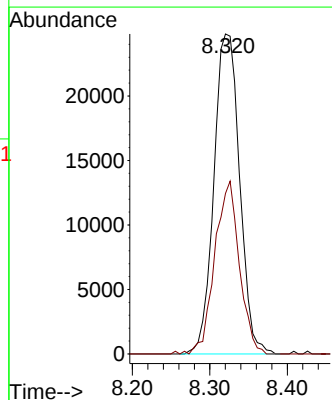
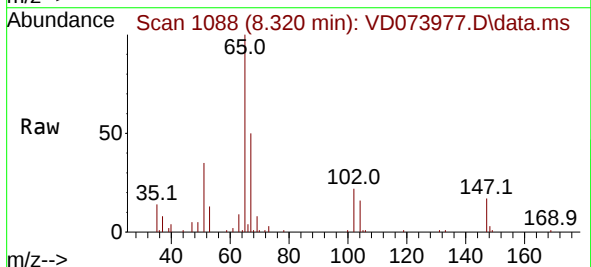
Acq: 08 Aug 2022 17:23

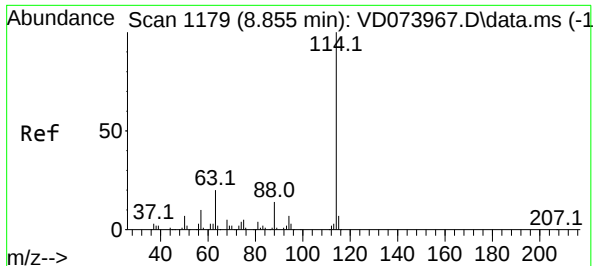
Tgt Ion: 65 Resp: 57262

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073977.D

Acq: 08 Aug 2022 17:23

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

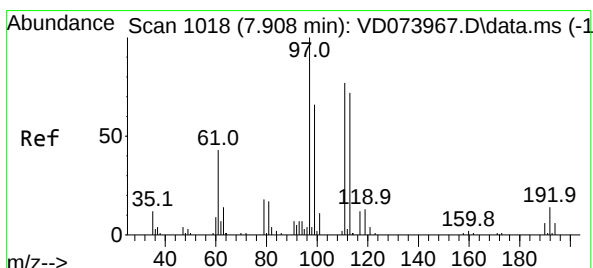
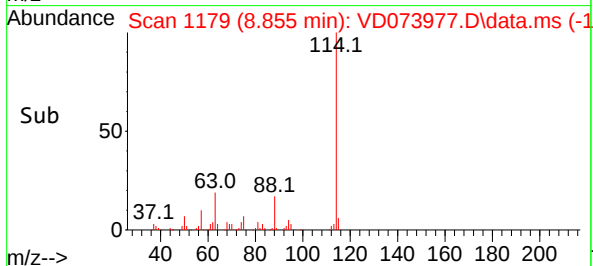
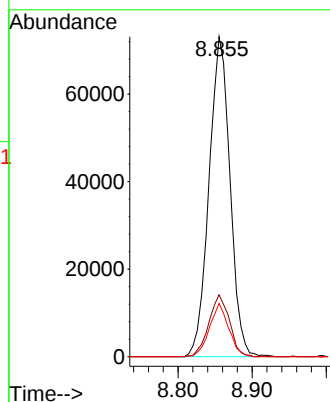
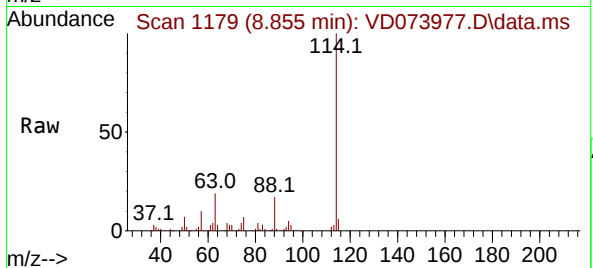
Tgt Ion:114 Resp: 143895

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 16.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 62.436 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073977.D

Acq: 08 Aug 2022 17:23

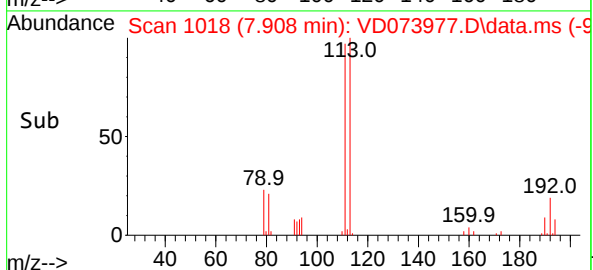
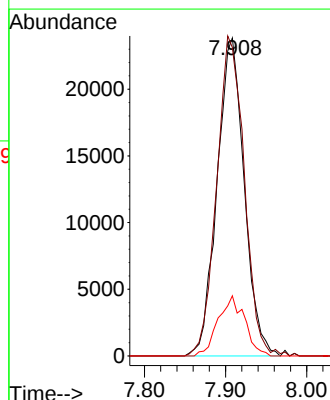
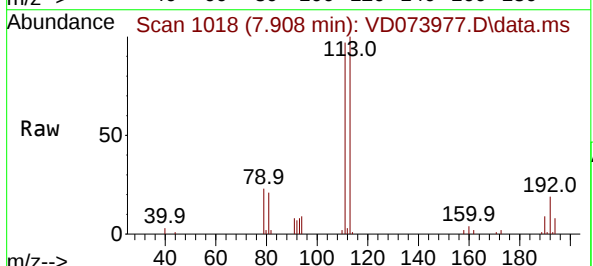
Tgt Ion:113 Resp: 55350

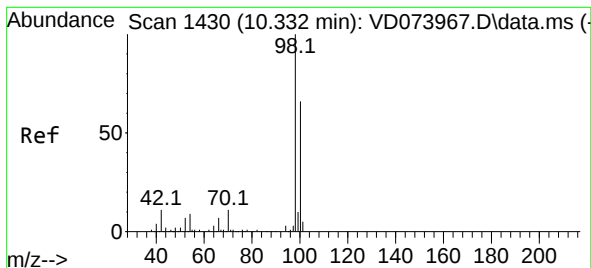
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 18.6 14.8 22.2

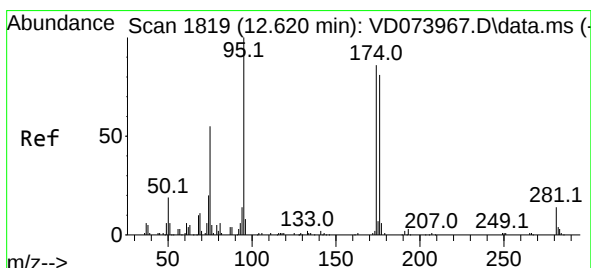
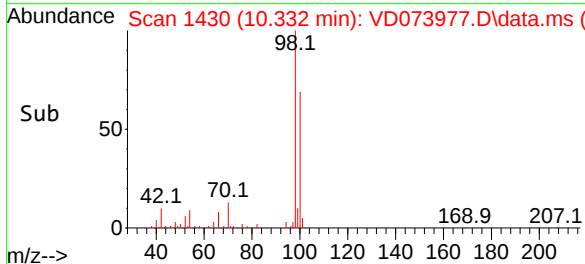
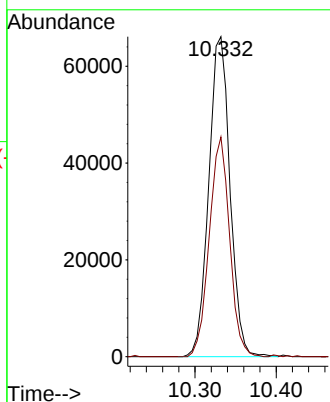
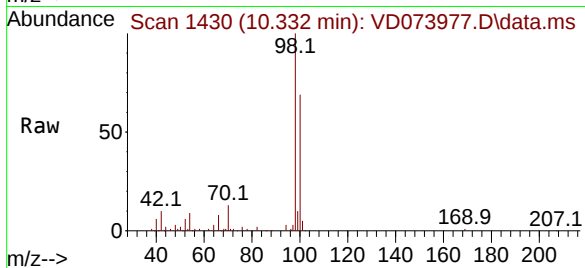




#50
Toluene-d8
Concen: 49.161 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073977.D
Acq: 08 Aug 2022 17:23

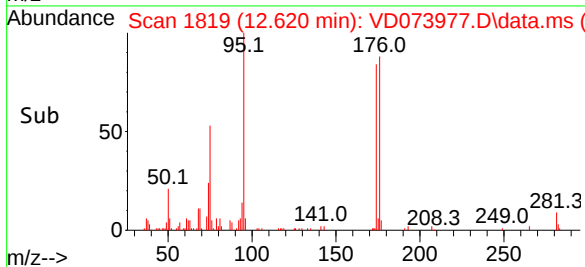
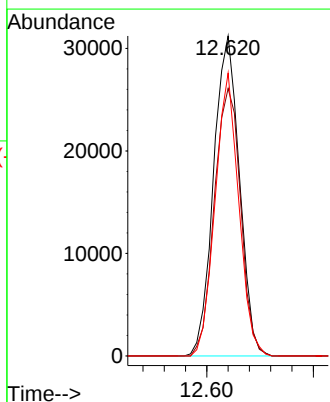
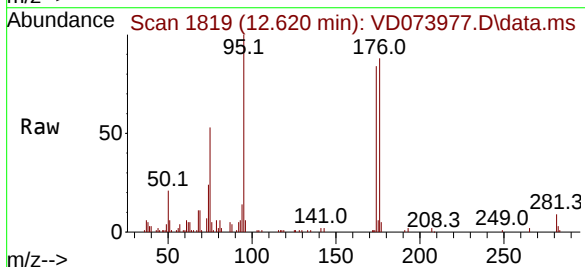
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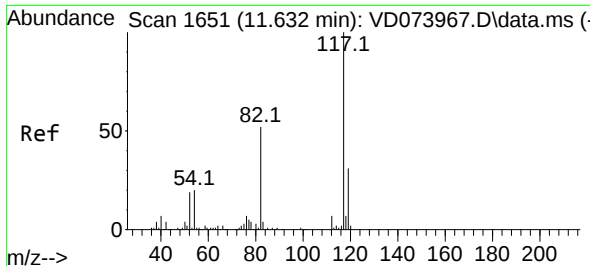
Tgt Ion: 98 Resp: 120112
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.465 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073977.D
Acq: 08 Aug 2022 17:23

Tgt Ion: 95 Resp: 52534
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 80.8 0.0 154.8

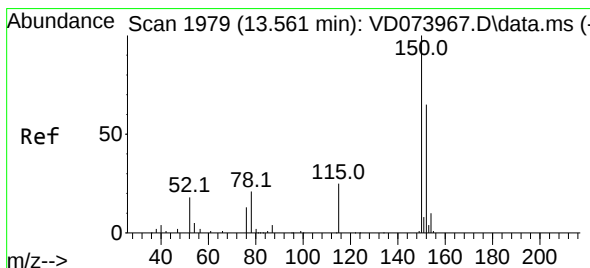
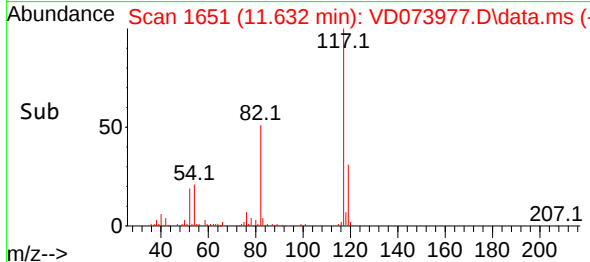
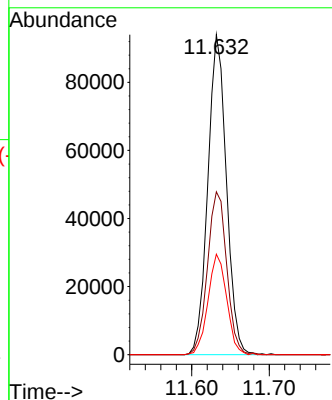
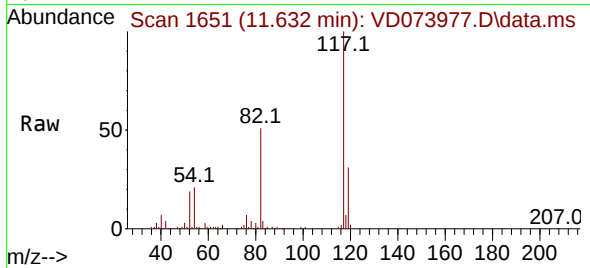




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073977.D
Acq: 08 Aug 2022 17:23

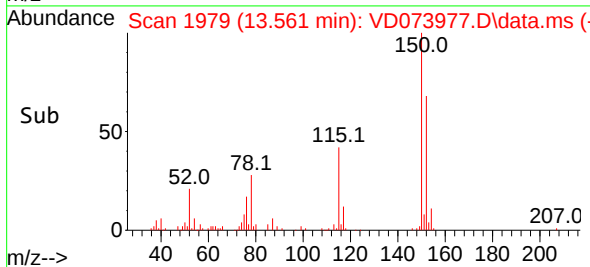
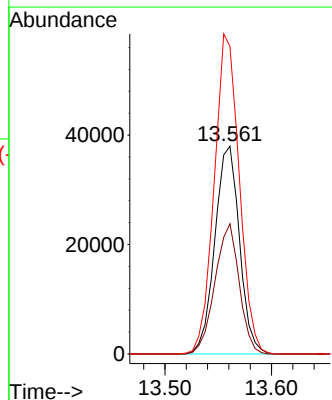
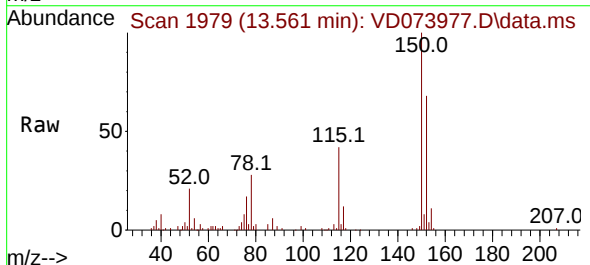
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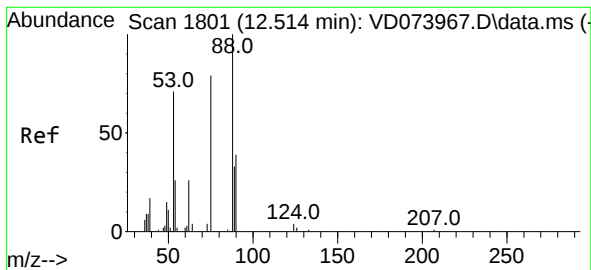
Tgt Ion:117 Resp: 156293
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 31.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073977.D
Acq: 08 Aug 2022 17:23

Tgt Ion:152 Resp: 60967
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 156.4 0.0 357.2





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.298 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD073977.D
 Acq: 08 Aug 2022 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Tgt Ion: 75 Resp: 28486
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.6#
 89 0.0 37.8 56.8#

