

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075356.D
 Acq On : 17 Feb 2023 15:25
 Operator : KP/SY
 Sample : 01593-04
 Misc : 8.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-26-SB03

Quant Time: Feb 18 01:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

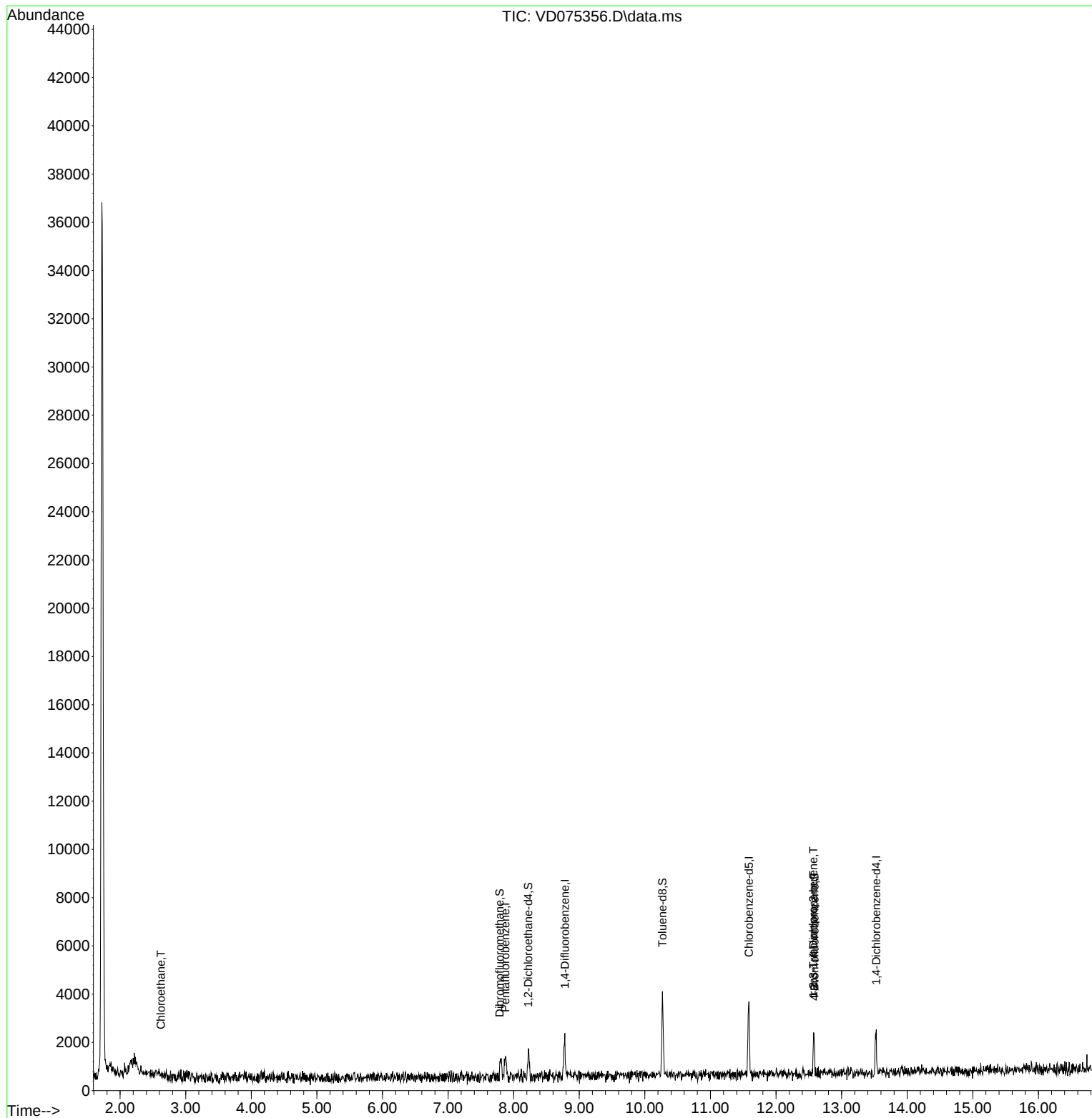
Internal Standards						
1) Pentafluorobenzene	7.875	168	1044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	2173	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.527	152	575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	827	67.556	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.120%
35) Dibromofluoromethane	7.786	113	574	44.129	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.260%
50) Toluene-d8	10.269	98	2464	49.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.586	95	707	43.467	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.940%
Target Compounds						
						Qvalue
6) Chloroethane	2.622	64	57	4.757	ug/l #	43
76) 1,2,3-Trichloropropane	12.569	75	354	54.202	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	354	170.662	ug/l #	14

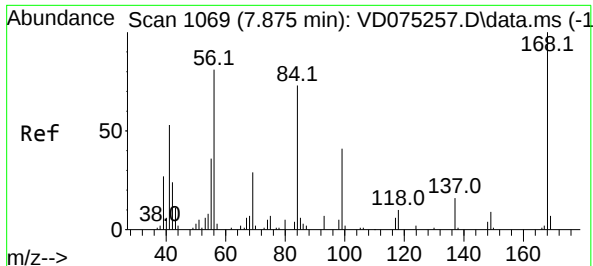
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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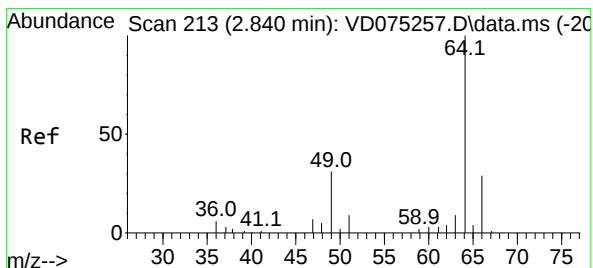
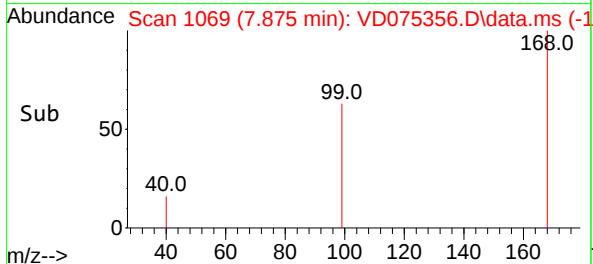
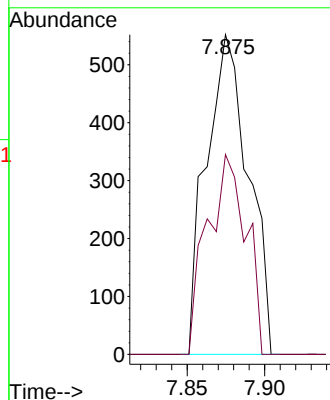
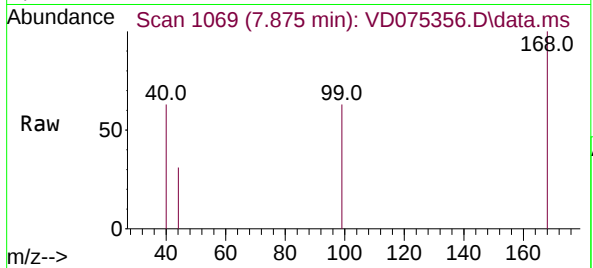




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

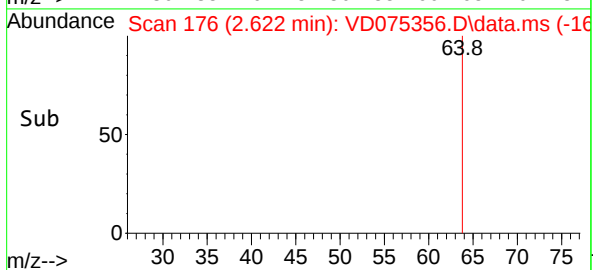
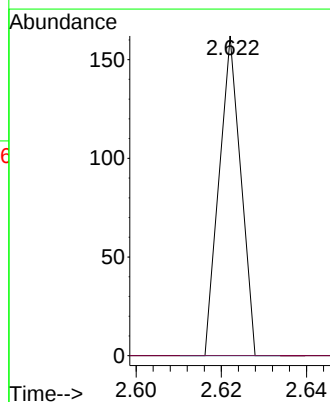
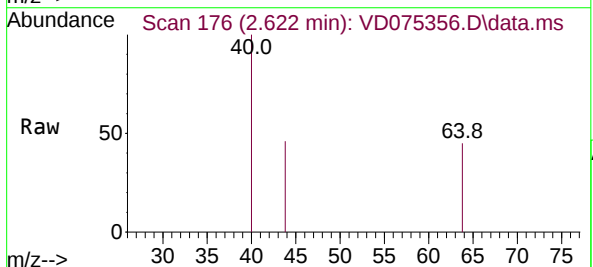
Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

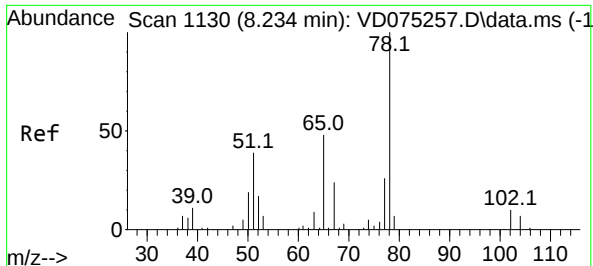
Tgt Ion:168 Resp: 1044
Ion Ratio Lower Upper
168 100
99 62.5 45.2 67.8



#6
Chloroethane
Concen: 4.757 ug/l
RT: 2.622 min Scan# 176
Delta R.T. -0.218 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Tgt Ion: 64 Resp: 57
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#33

1,2-Dichloroethane-d4

Concen: 67.556 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VD075356.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

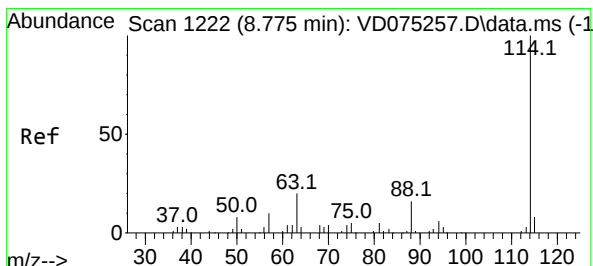
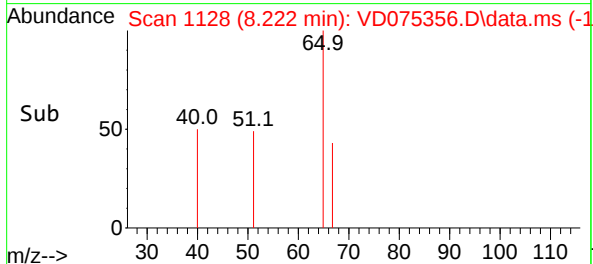
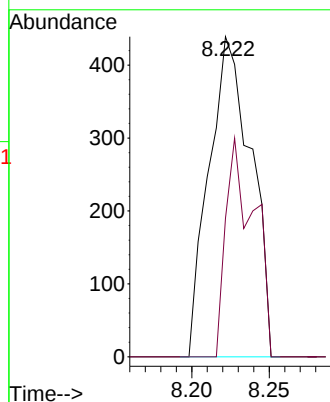
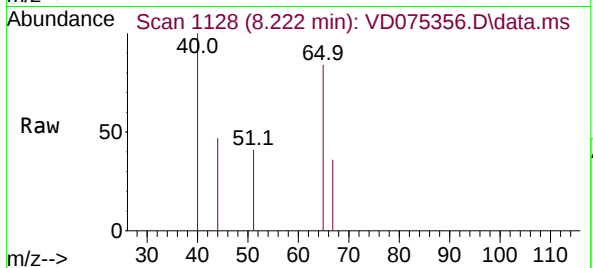
B-26-SB03

Tgt Ion: 65 Resp: 827

Ion Ratio Lower Upper

65 100

67 45.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075356.D

Acq: 17 Feb 2023 15:25

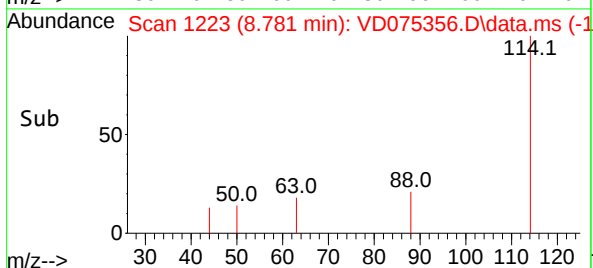
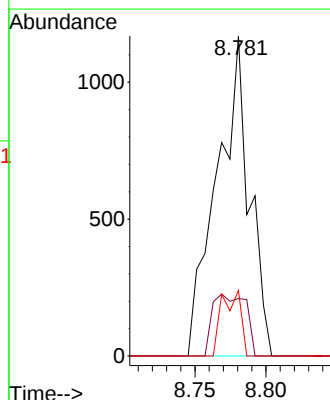
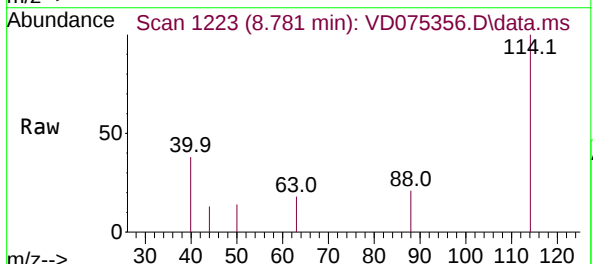
Tgt Ion: 114 Resp: 1855

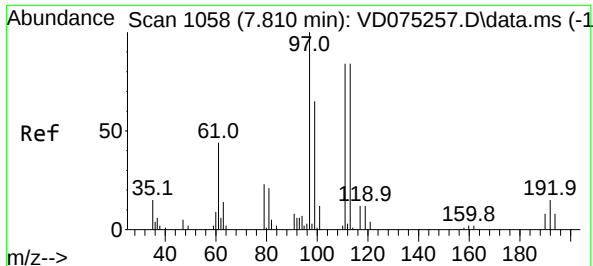
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.2

88 20.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 44.129 ug/l

RT: 7.786 min Scan# 1054

Delta R.T. -0.024 min

Lab File: VD075356.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

B-26-SB03

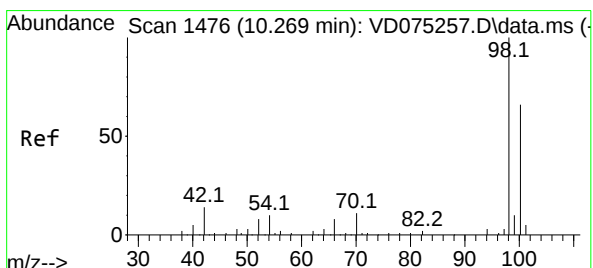
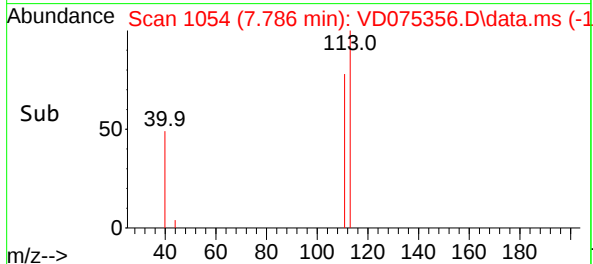
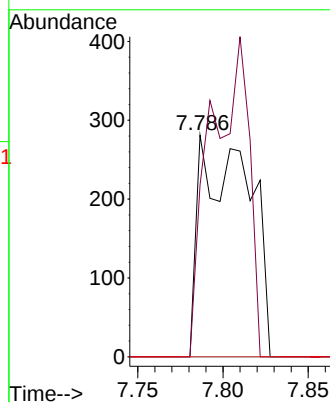
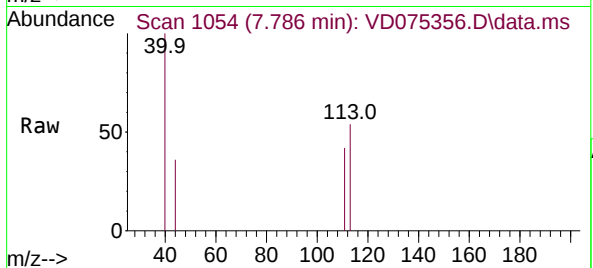
Tgt Ion:113 Resp: 574

Ion Ratio Lower Upper

113 100

111 0.0 80.1 120.1#

192 0.0 15.4 23.0#



#50

Toluene-d8

Concen: 49.951 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075356.D

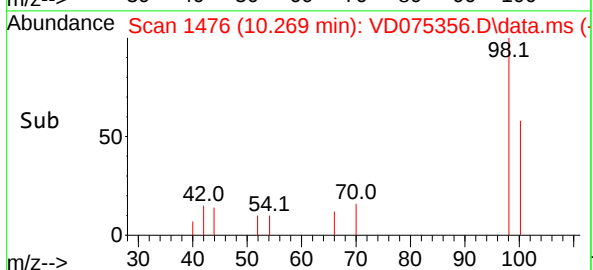
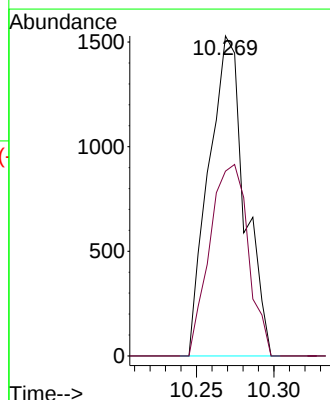
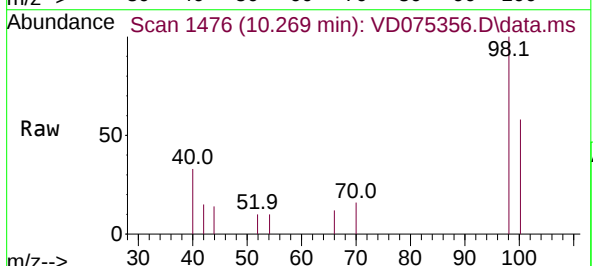
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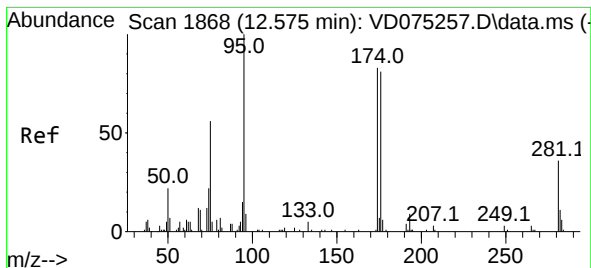
Tgt Ion: 98 Resp: 2464

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1

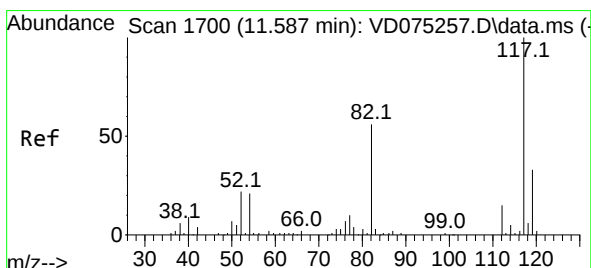
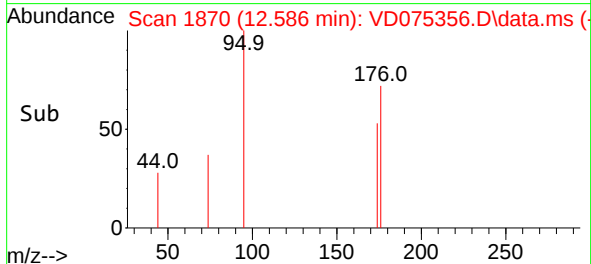
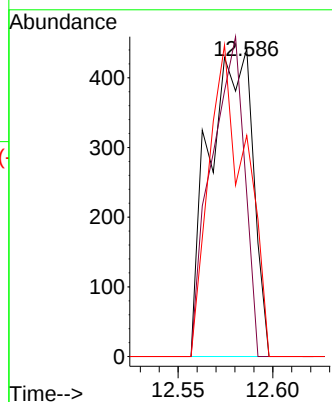
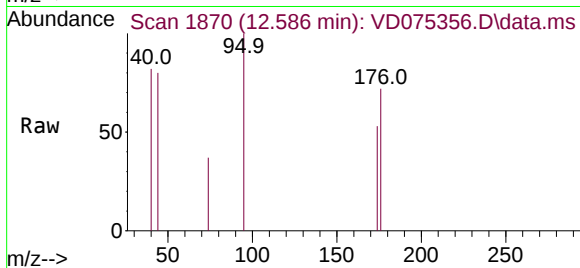




#62
4-Bromofluorobenzene
Concen: 43.467 ug/l
RT: 12.586 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

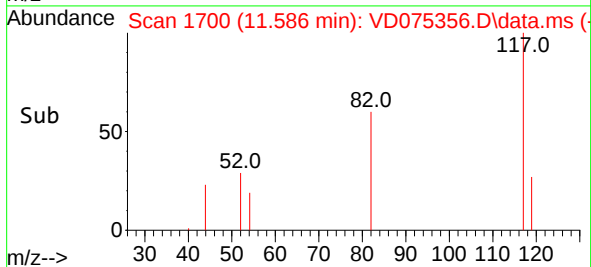
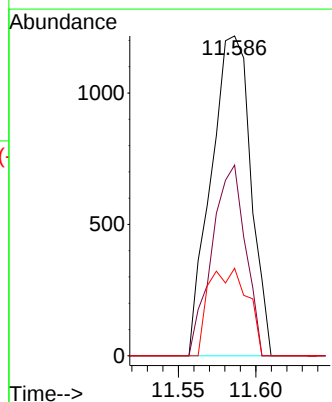
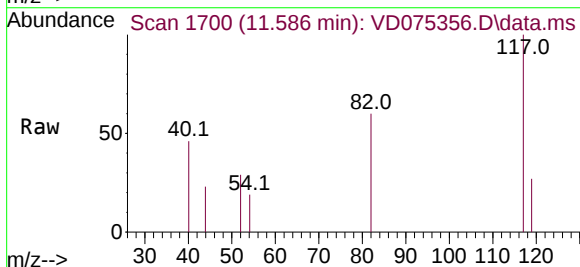
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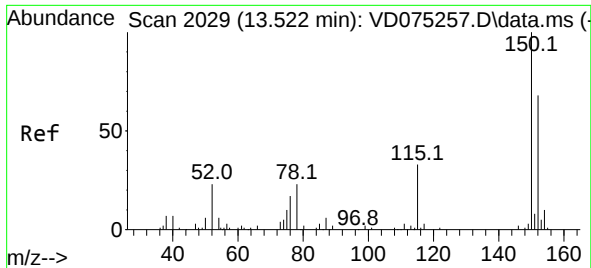
Tgt Ion: 95 Resp: 707
Ion Ratio Lower Upper
95 100
174 78.9 0.0 161.2
176 85.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075356.D
Acq: 17 Feb 2023 15:25

Tgt Ion: 117 Resp: 2173
Ion Ratio Lower Upper
117 100
82 59.7 39.6 59.4#
119 27.4 24.6 37.0

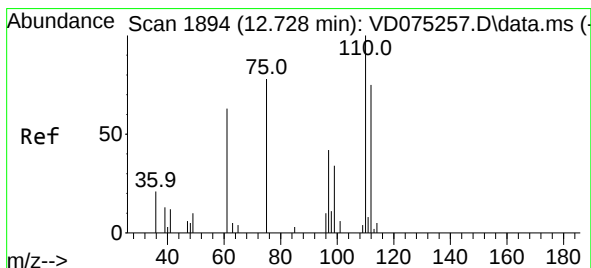
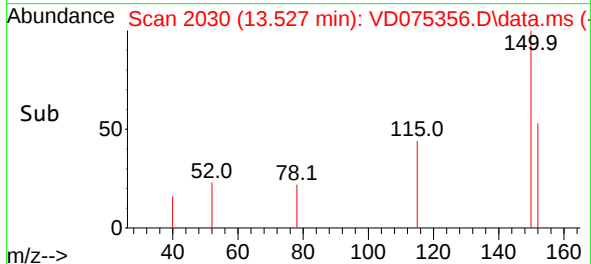
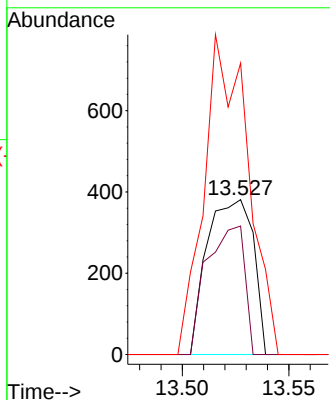
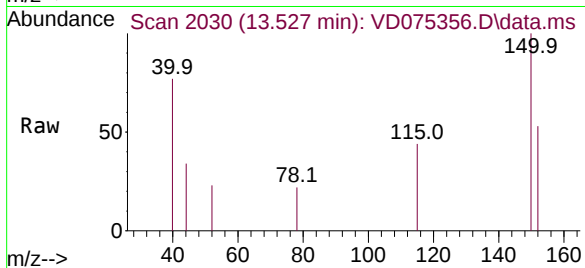




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.527 min Scan# 2029
 Delta R.T. 0.005 min
 Lab File: VD075356.D
 Acq: 17 Feb 2023 15:25

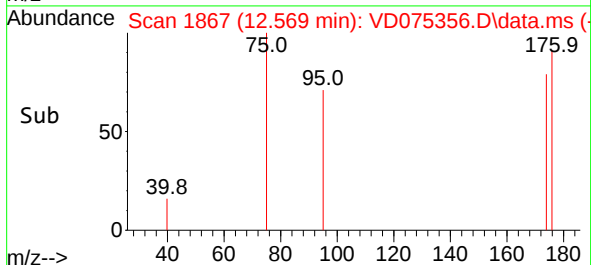
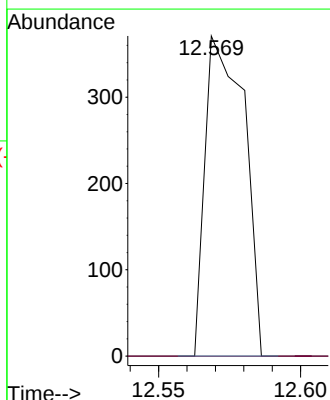
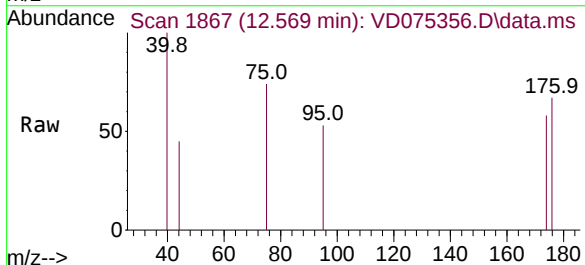
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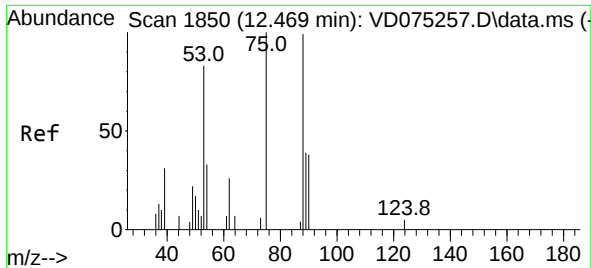
Tgt Ion:152 Resp: 575
 Ion Ratio Lower Upper
 152 100
 115 67.5 28.8 86.4
 150 195.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 54.202 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.159 min
 Lab File: VD075356.D
 Acq: 17 Feb 2023 15:25

Tgt Ion: 75 Resp: 354
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 170.662 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075356.D
 Acq: 17 Feb 2023 15:25

Instrument :
 MSVOA_D
 ClientSampleId :
 B-26-SB03

Tgt Ion: 75 Resp: 354
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

