

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075358.D
 Acq On : 17 Feb 2023 16:21
 Operator : KP/SY
 Sample : 01593-08
 Misc : 8.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-3

Quant Time: Feb 18 01:07:07 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)

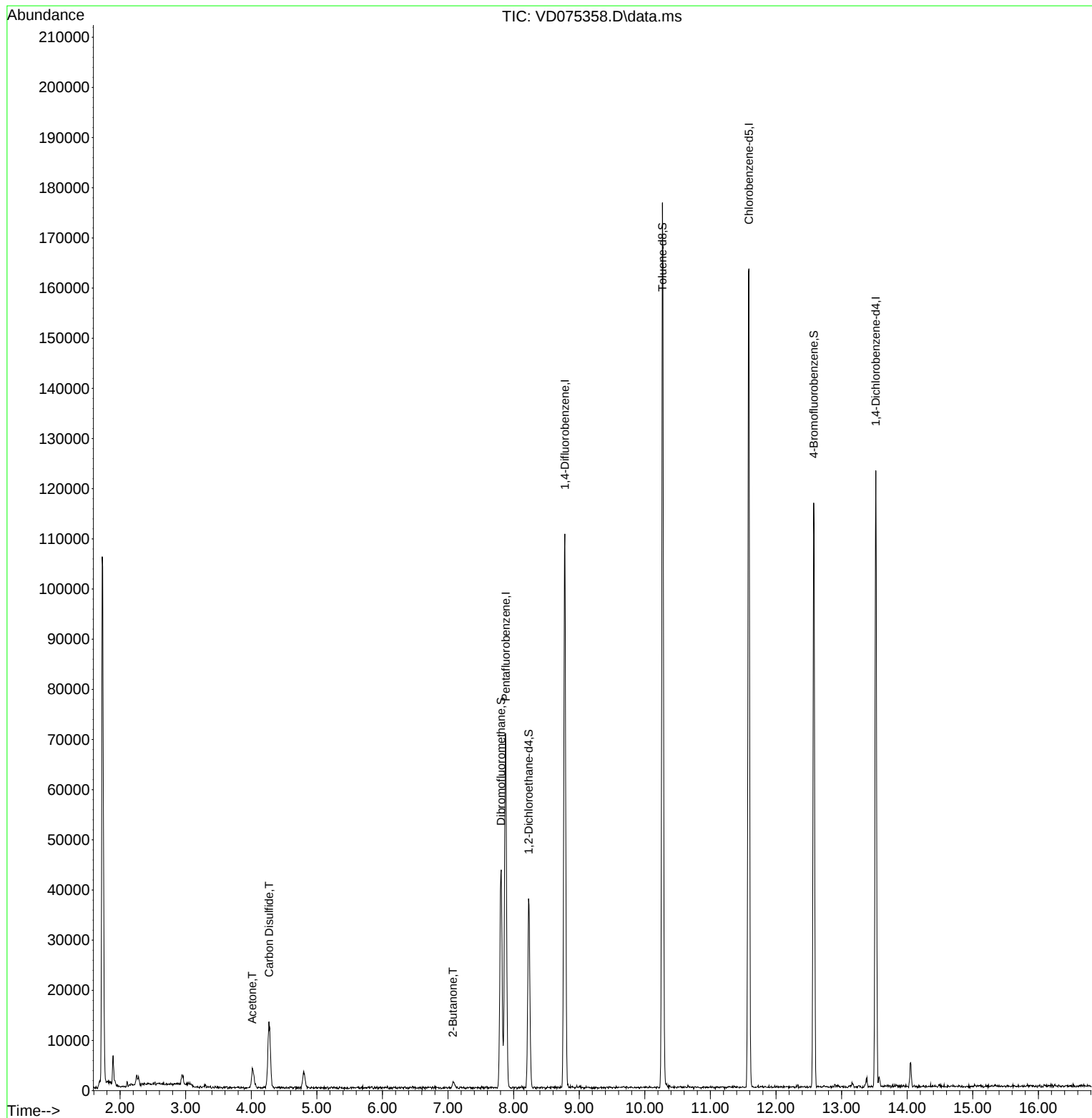
Internal Standards						
1) Pentafluorobenzene	7.881	168	52638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	92222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	88928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	31611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29991	48.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.180%		
35) Dibromofluoromethane	7.810	113	30966	47.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.780%		
50) Toluene-d8	10.269	98	113933	46.458	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.920%		
62) 4-Bromofluorobenzene	12.575	95	34465	42.621	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.240%		
Target Compounds					Qvalue	
16) Acetone	4.017	43	6688	40.979	ug/l	92
17) Carbon Disulfide	4.269	76	26376	14.512	ug/l	99
25) 2-Butanone	7.075	43	2082	10.295	ug/l	94

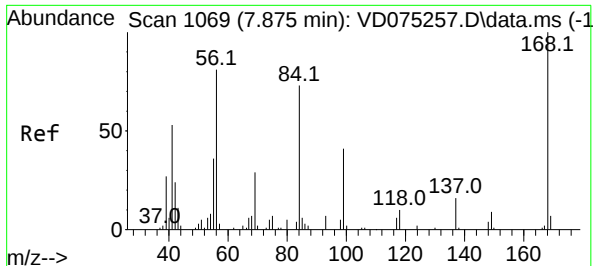
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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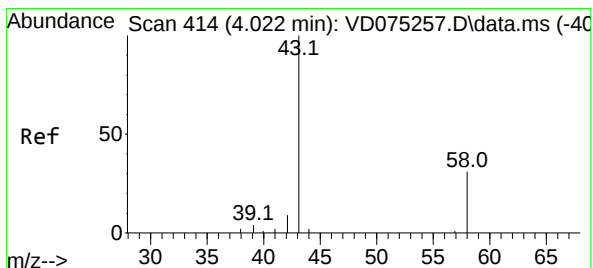
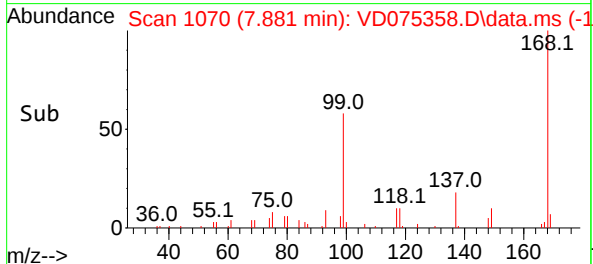
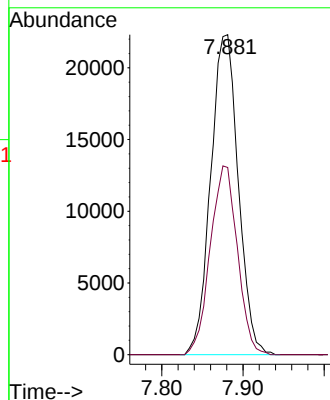
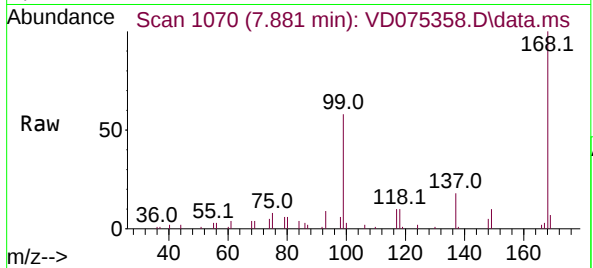




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075358.D
Acq: 17 Feb 2023 16:21

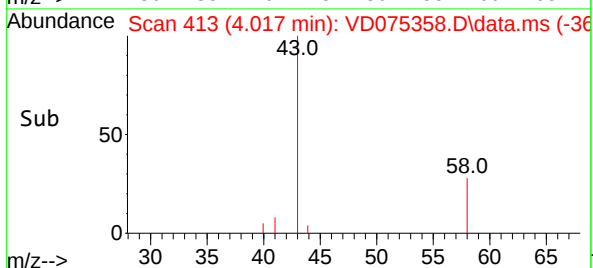
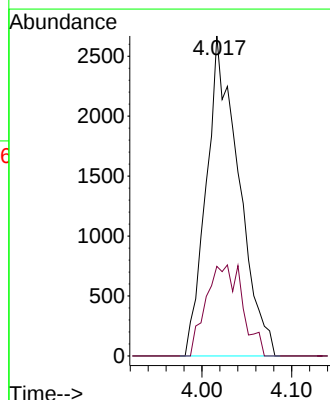
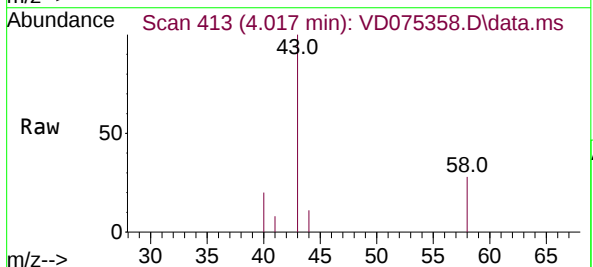
Instrument :
MSVOA_D
ClientSampleId :
SED-3

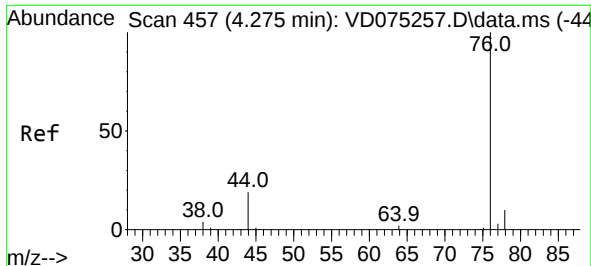
Tgt Ion:168 Resp: 52638
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#16
Acetone
Concen: 40.979 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075358.D
Acq: 17 Feb 2023 16:21

Tgt Ion: 43 Resp: 6688
Ion Ratio Lower Upper
43 100
58 28.0 26.0 39.0

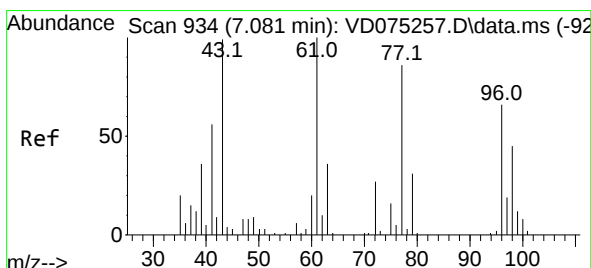
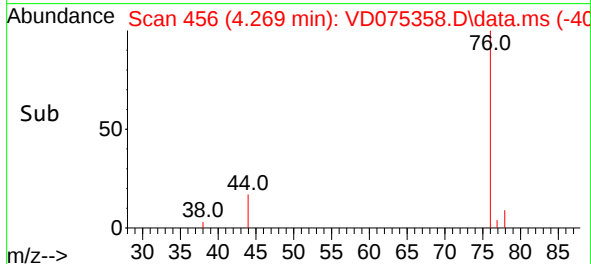
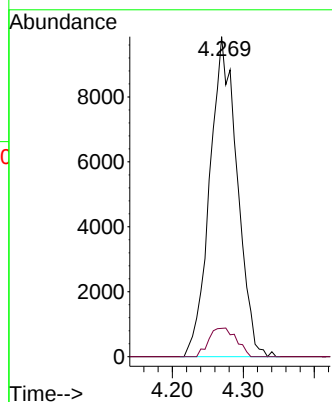
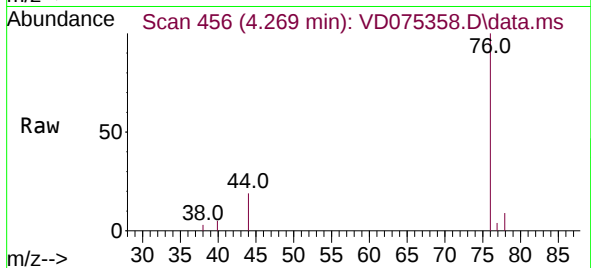




#17
Carbon Disulfide
Concen: 14.512 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075358.D
Acq: 17 Feb 2023 16:21

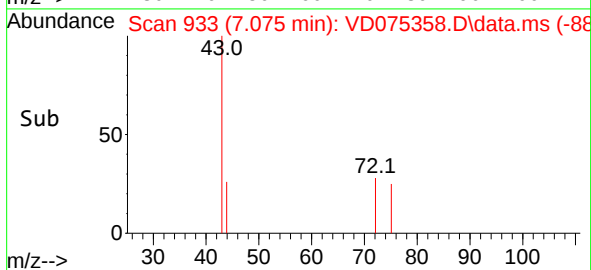
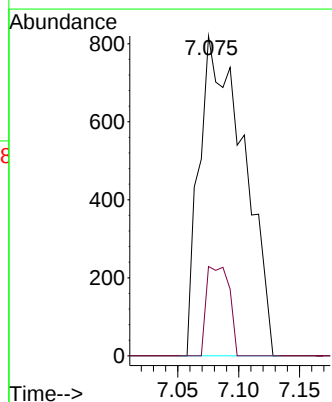
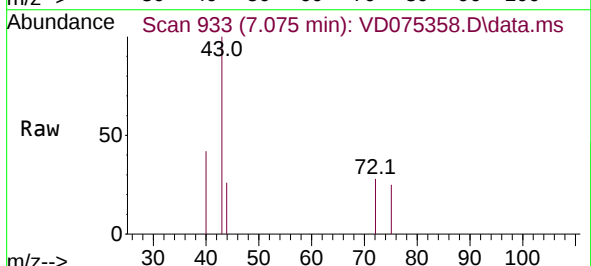
Instrument :
MSVOA_D
ClientSampleId :
SED-3

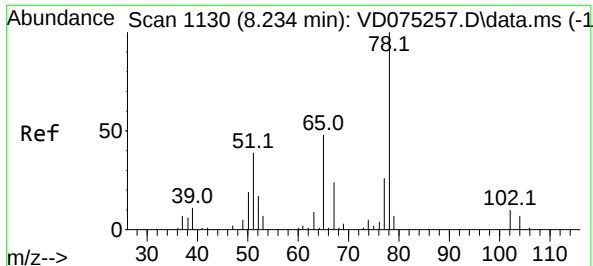
Tgt Ion: 76 Resp: 26376
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#25
2-Butanone
Concen: 10.295 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075358.D
Acq: 17 Feb 2023 16:21

Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
72 27.9 19.8 29.8





#33

1,2-Dichloroethane-d4

Concen: 48.590 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075358.D

Acq: 17 Feb 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

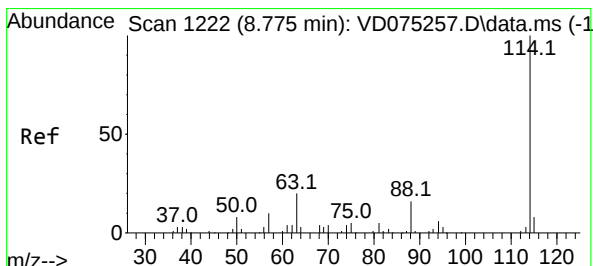
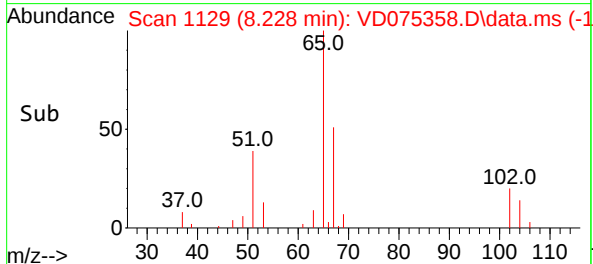
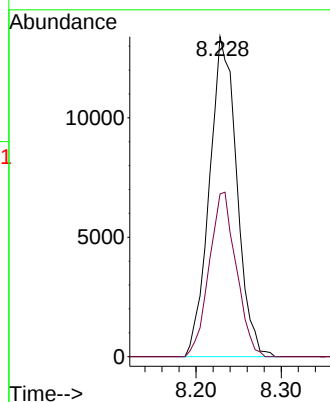
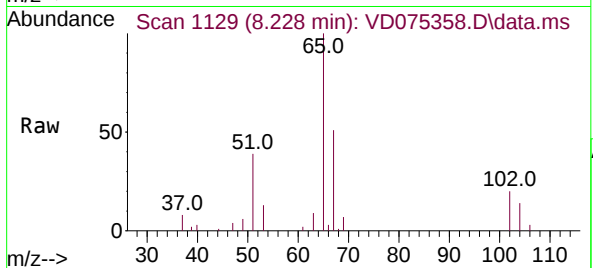
SED-3

Tgt Ion: 65 Resp: 29991

Ion Ratio Lower Upper

65 100

67 50.7 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: VD075358.D

Acq: 17 Feb 2023 16:21

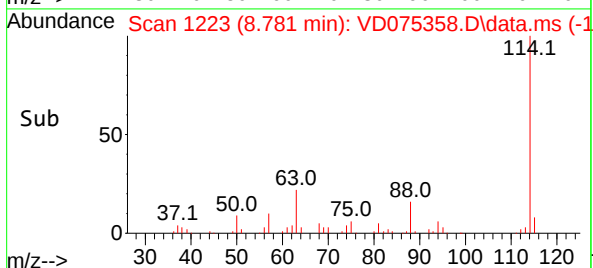
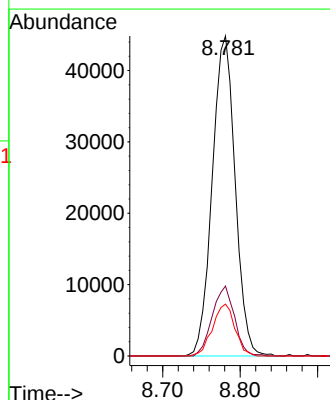
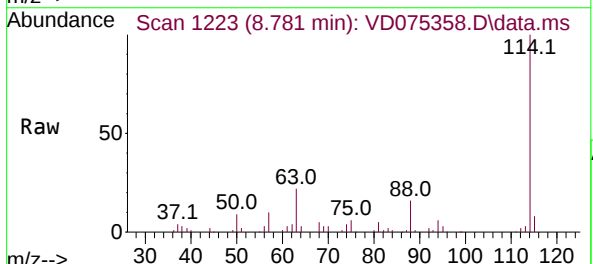
Tgt Ion: 114 Resp: 92222

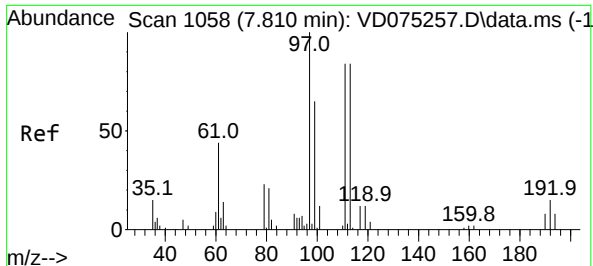
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.2

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.886 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075358.D

Acq: 17 Feb 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

SED-3

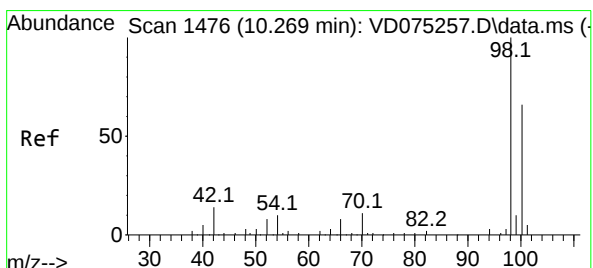
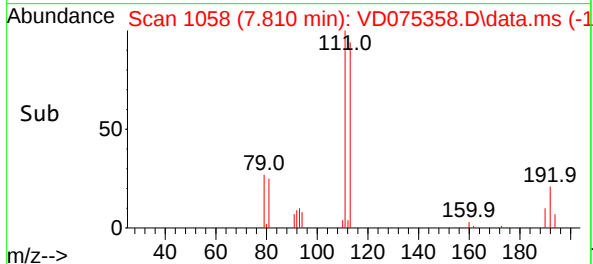
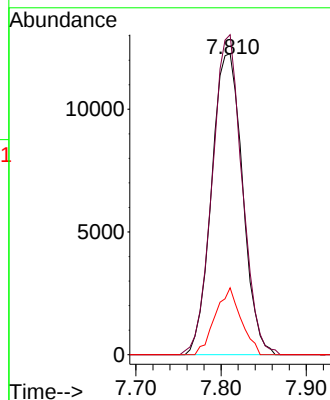
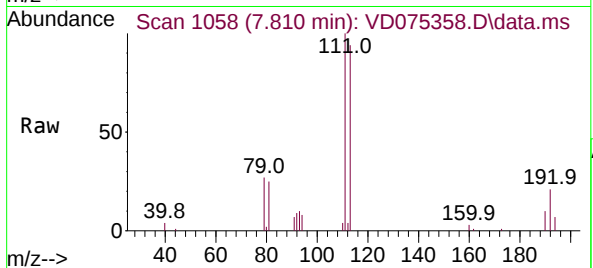
Tgt Ion:113 Resp: 30966

Ion Ratio Lower Upper

113 100

111 102.6 80.1 120.1

192 18.6 15.4 23.0



#50

Toluene-d8

Concen: 46.458 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075358.D

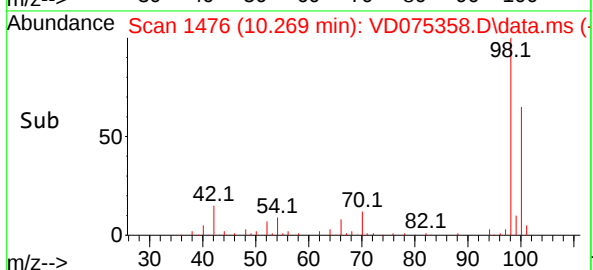
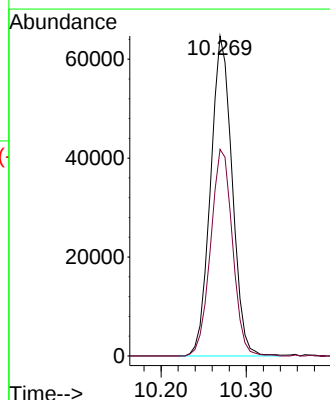
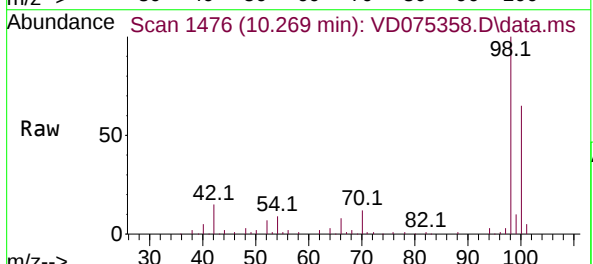
Acq: 17 Feb 2023 16:21

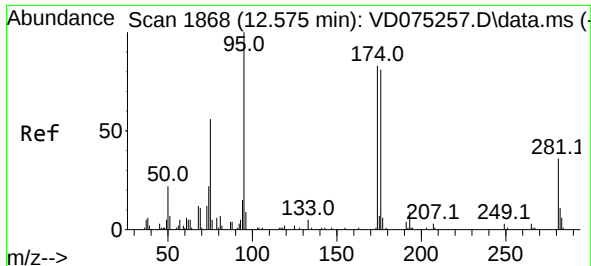
Tgt Ion: 98 Resp: 113933

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

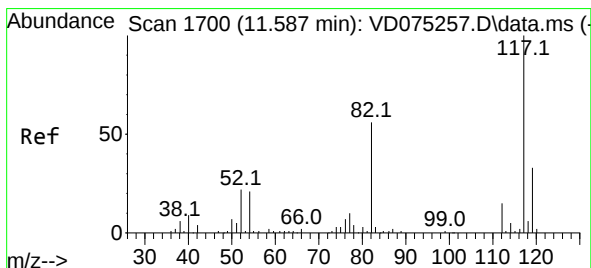
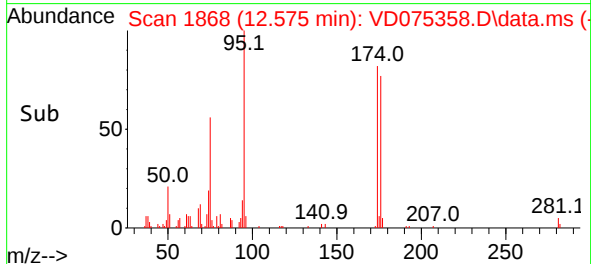
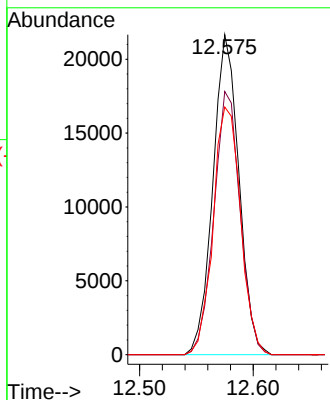
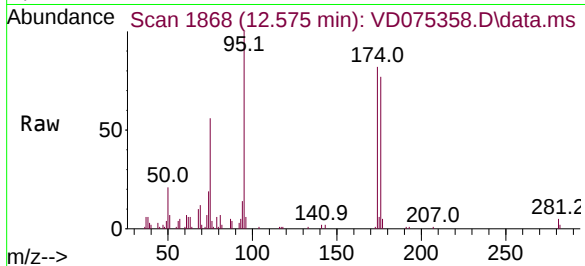




#62
4-Bromofluorobenzene
Concen: 42.621 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075358.D
Acq: 17 Feb 2023 16:21

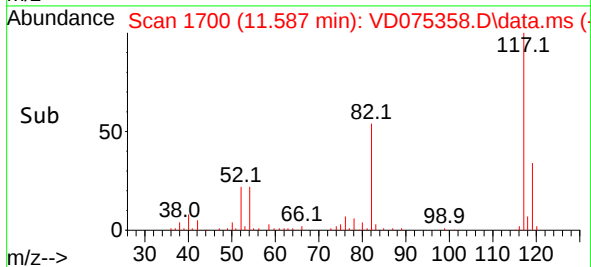
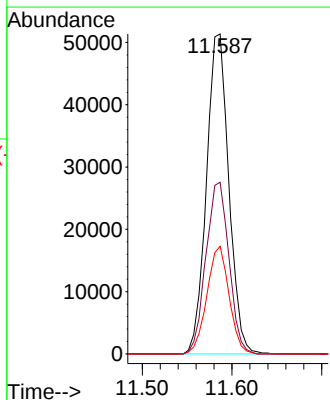
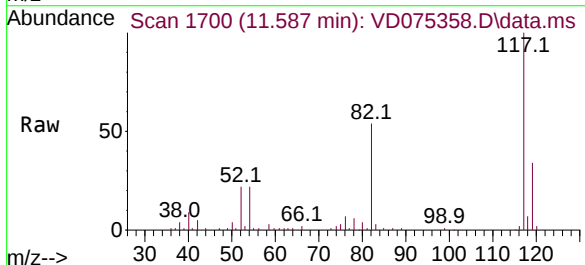
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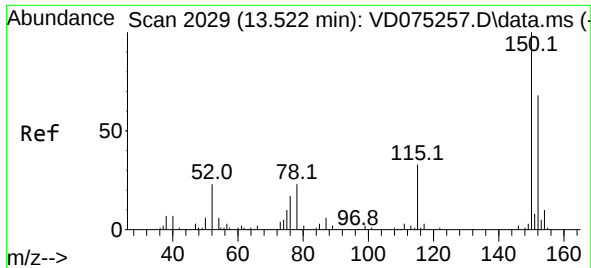
Tgt Ion: 95 Resp: 34465
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.2
176 81.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075358.D
Acq: 17 Feb 2023 16:21

Tgt Ion: 117 Resp: 88928
Ion Ratio Lower Upper
117 100
82 53.6 39.6 59.4
119 33.7 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075358.D

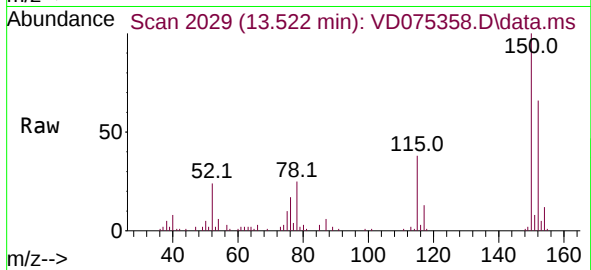
Acq: 17 Feb 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

SED-3



Tgt Ion:152 Resp: 31611

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.4

150 155.9 0.0 348.6

