

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075357.D
 Acq On : 17 Feb 2023 15:53
 Operator : KP/SY
 Sample : 01593-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-2

Quant Time: Feb 18 01:06:45 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)

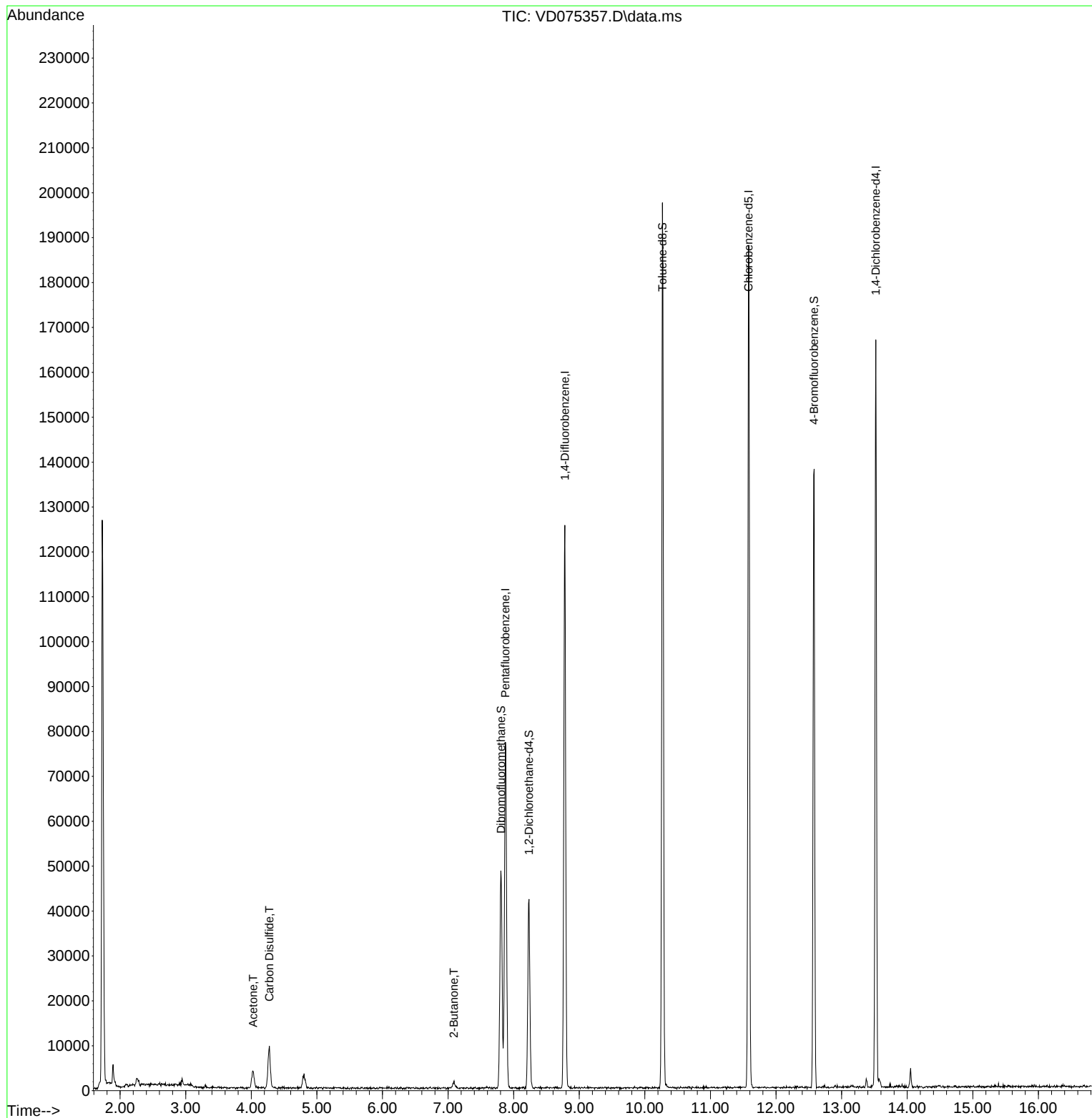
Internal Standards						
1) Pentafluorobenzene	7.875	168	57381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	102825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	102501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	41422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32329	48.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.810	113	34538	47.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.800%
50) Toluene-d8	10.269	98	128718	47.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.580	95	41895	46.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.940%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	7086	39.829	ug/l	98
17) Carbon Disulfide	4.275	76	17088	8.624	ug/l	99
25) 2-Butanone	7.087	43	2631	11.935	ug/l #	81

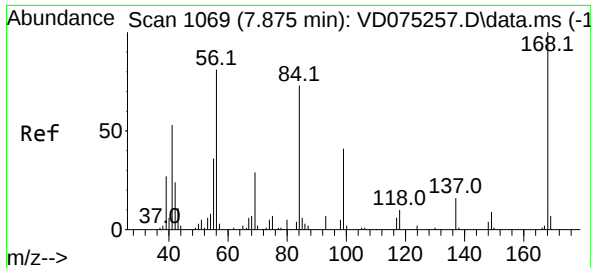
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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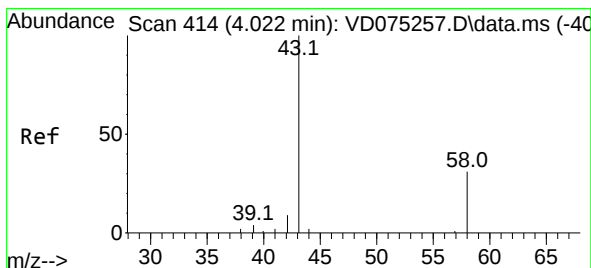
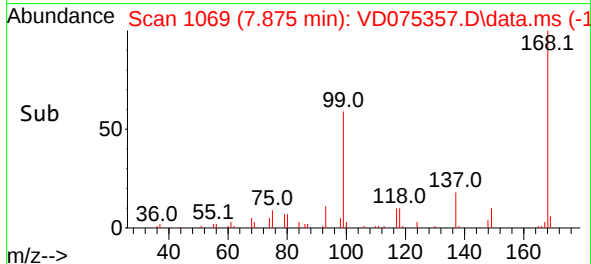
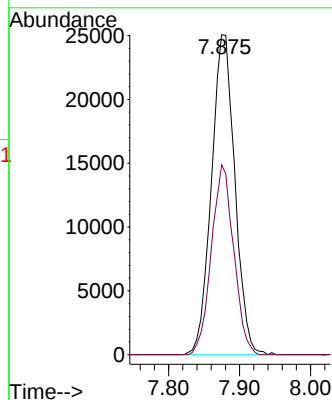
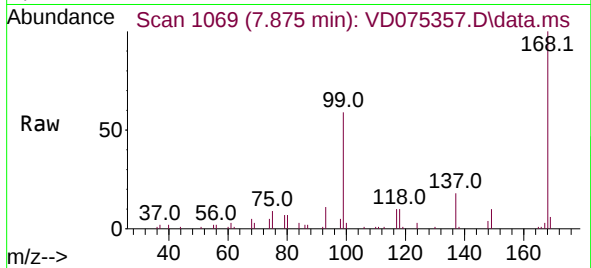




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075357.D
Acq: 17 Feb 2023 15:53

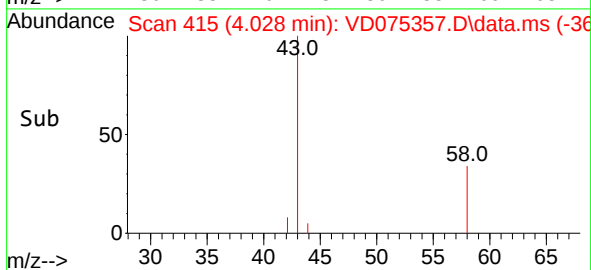
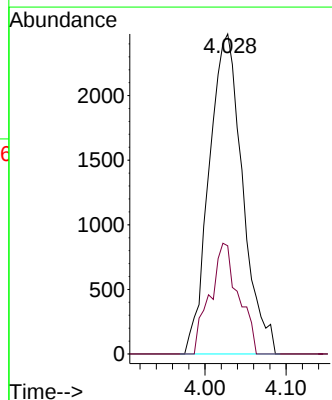
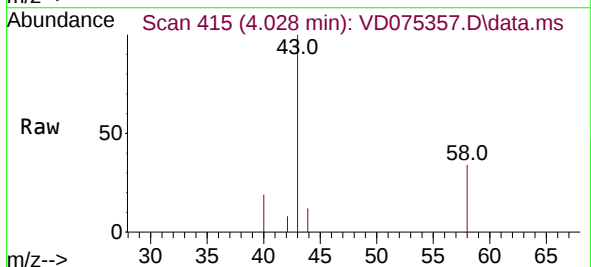
Instrument :
MSVOA_D
ClientSampleId :
SED-2

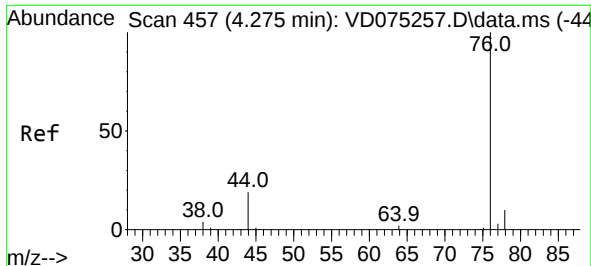
Tgt Ion:168 Resp: 57381
Ion Ratio Lower Upper
168 100
99 59.3 45.2 67.8



#16
Acetone
Concen: 39.829 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075357.D
Acq: 17 Feb 2023 15:53

Tgt Ion: 43 Resp: 7086
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0

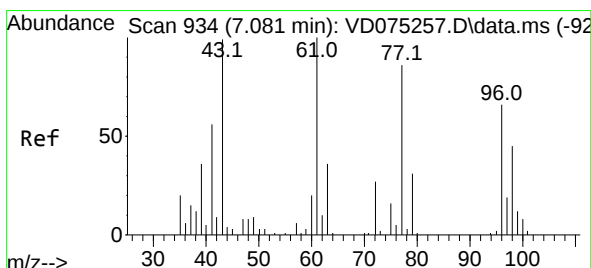
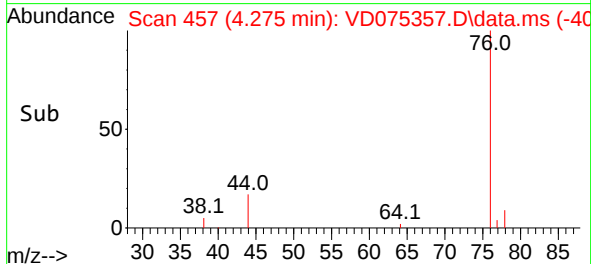
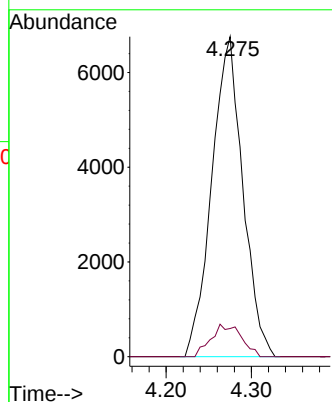
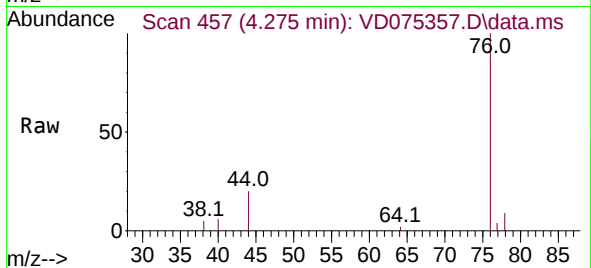




#17
Carbon Disulfide
Concen: 8.624 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075357.D
Acq: 17 Feb 2023 15:53

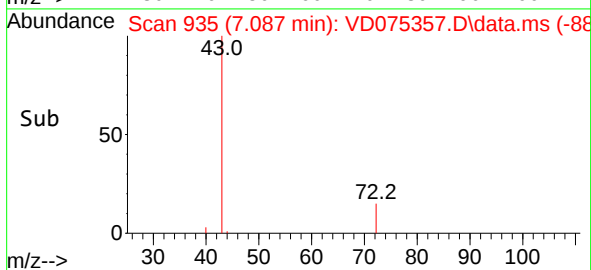
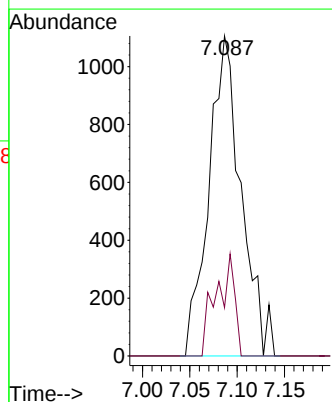
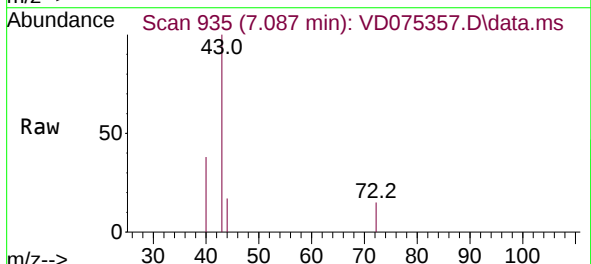
Instrument :
MSVOA_D
ClientSampleId :
SED-2

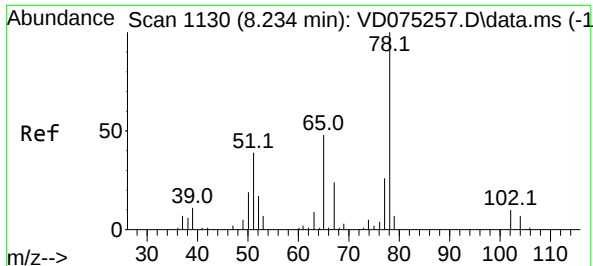
Tgt Ion: 76 Resp: 17088
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#25
2-Butanone
Concen: 11.935 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD075357.D
Acq: 17 Feb 2023 15:53

Tgt Ion: 43 Resp: 2631
Ion Ratio Lower Upper
43 100
72 15.1 19.8 29.8#





#33

1,2-Dichloroethane-d4

Concen: 48.049 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075357.D

Acq: 17 Feb 2023 15:53

Instrument :

MSVOA_D

ClientSampleId :

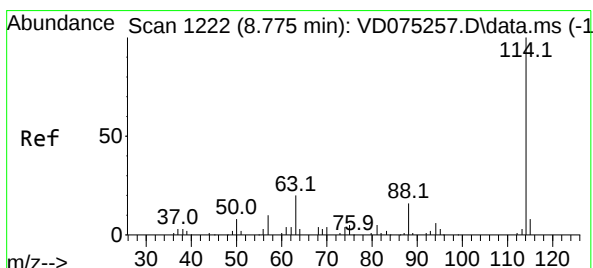
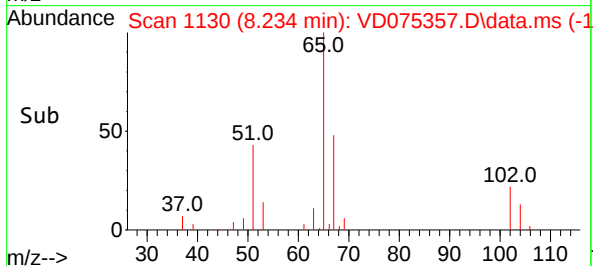
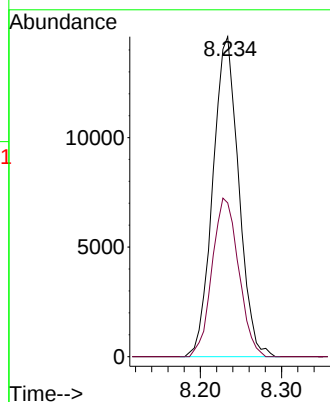
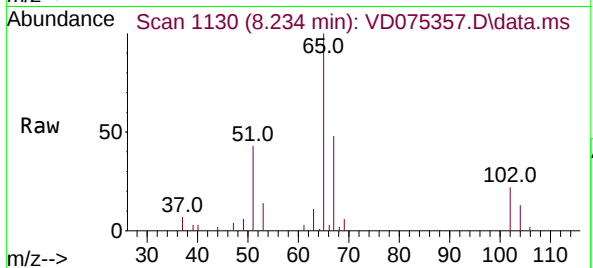
SED-2

Tgt Ion: 65 Resp: 32329

Ion Ratio Lower Upper

65 100

67 50.9 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: VD075357.D

Acq: 17 Feb 2023 15:53

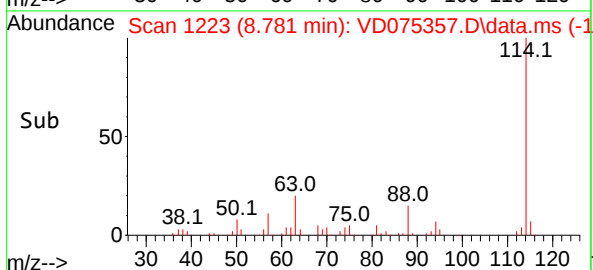
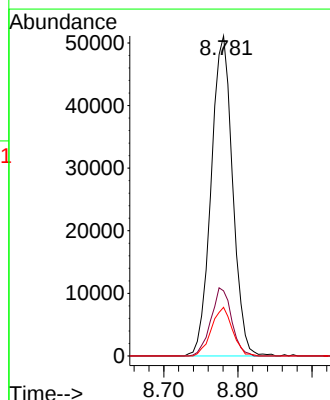
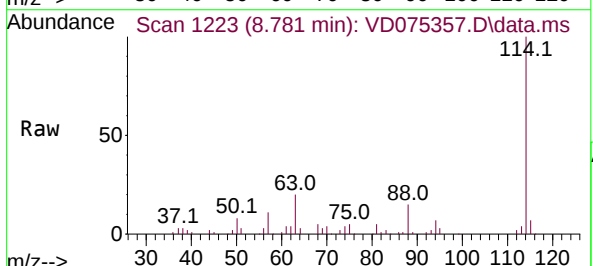
Tgt Ion: 114 Resp: 102825

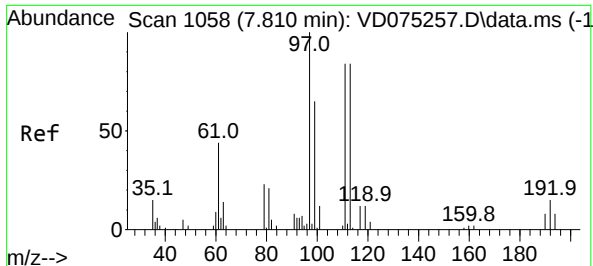
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.903 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075357.D

Acq: 17 Feb 2023 15:53

Instrument :

MSVOA_D

ClientSampleId :

SED-2

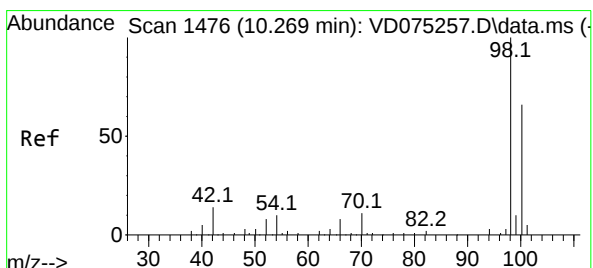
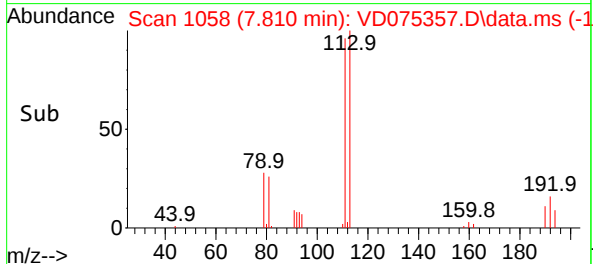
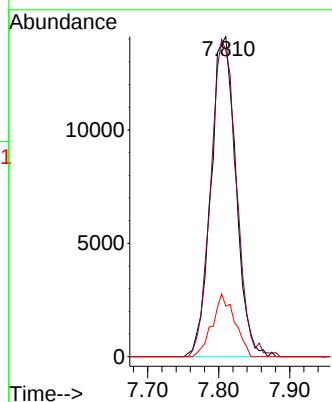
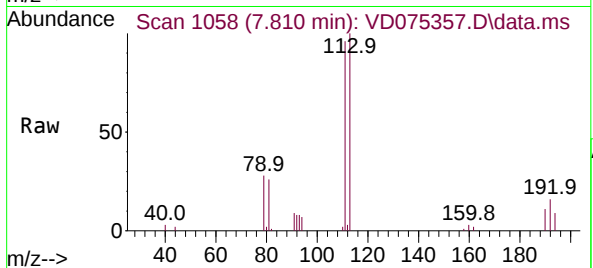
Tgt Ion:113 Resp: 34538

Ion Ratio Lower Upper

113 100

111 101.1 80.1 120.1

192 17.6 15.4 23.0



#50

Toluene-d8

Concen: 47.075 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075357.D

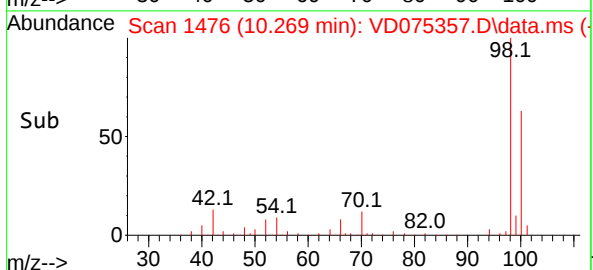
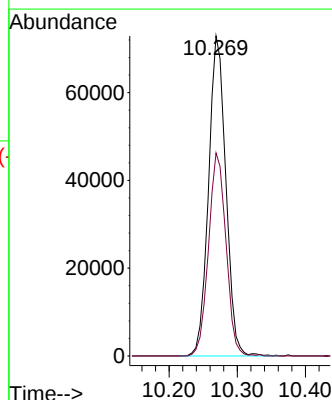
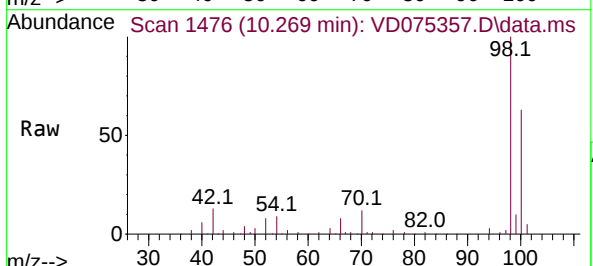
Acq: 17 Feb 2023 15:53

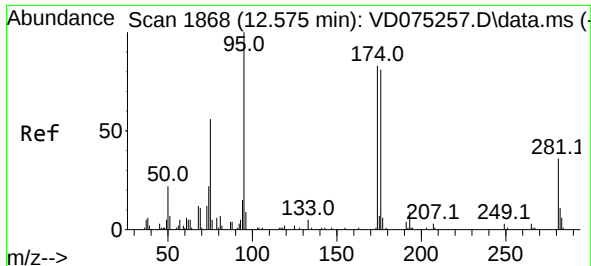
Tgt Ion: 98 Resp: 128718

Ion Ratio Lower Upper

98 100

100 64.0 52.7 79.1

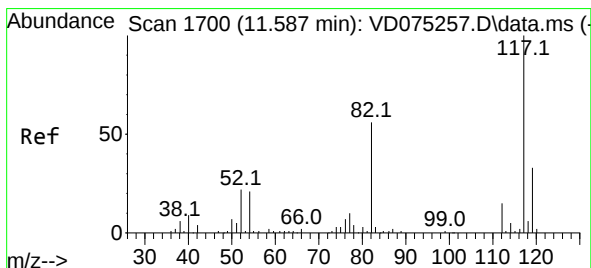
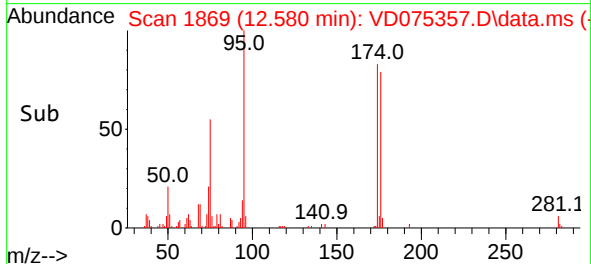
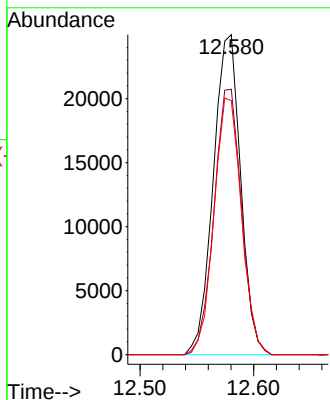
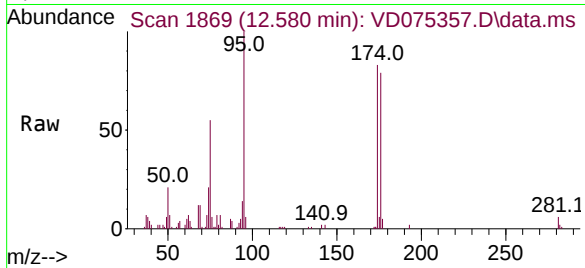




#62
4-Bromofluorobenzene
Concen: 46.467 ug/l
RT: 12.580 min Scan# 1699
Delta R.T. 0.005 min
Lab File: VD075357.D
Acq: 17 Feb 2023 15:53

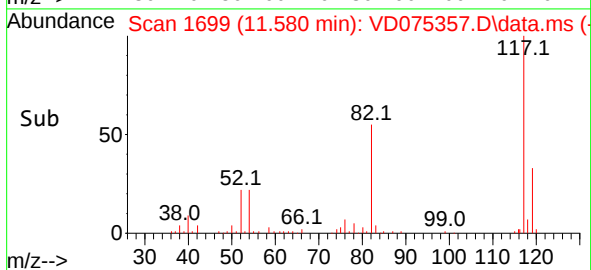
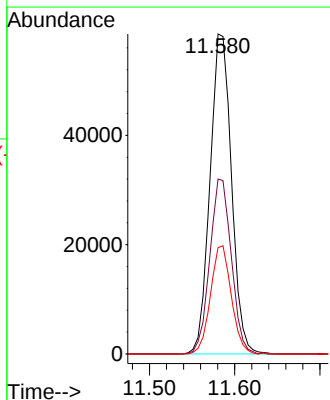
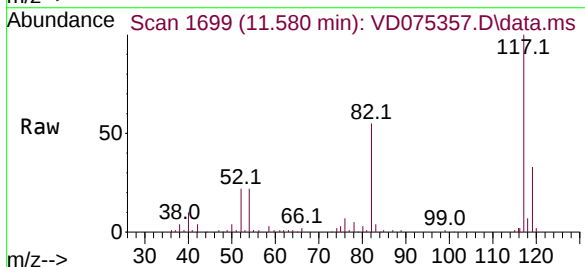
Instrument :
MSVOA_D
ClientSampleId :
SED-2

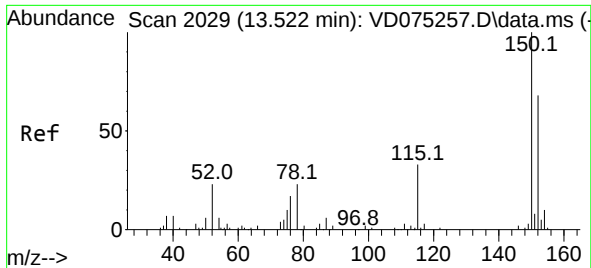
Tgt Ion: 95 Resp: 41895
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.2
176 80.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.007 min
Lab File: VD075357.D
Acq: 17 Feb 2023 15:53

Tgt Ion: 117 Resp: 102501
Ion Ratio Lower Upper
117 100
82 54.7 39.6 59.4
119 33.3 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.001 min

Lab File: VD075357.D

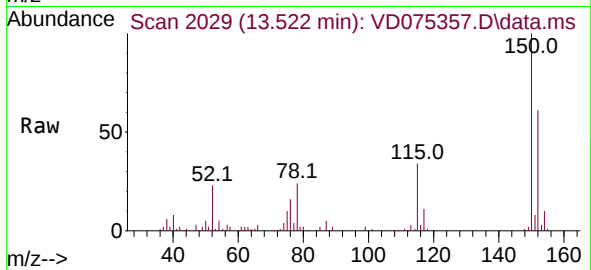
Acq: 17 Feb 2023 15:53

Instrument :

MSVOA_D

ClientSampleId :

SED-2



Tgt Ion:152 Resp: 41422

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.4

150 160.3 0.0 348.6

