

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079317.D
 Acq On : 02 Jul 2024 14:25
 Operator : RP/MD
 Sample : P3141-05
 Misc : 5.32G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-129-SB02

Quant Time: Jul 03 01:22:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

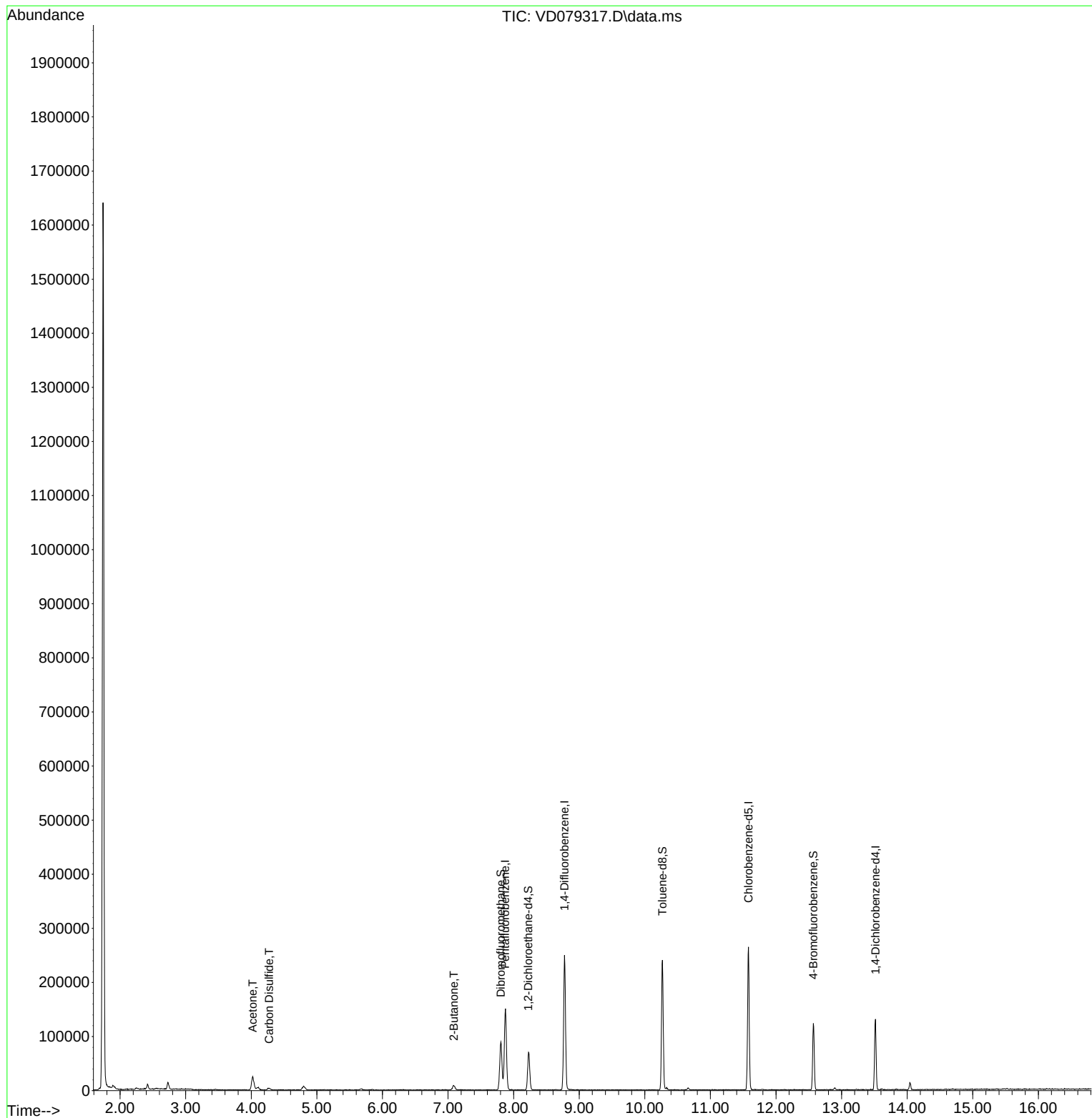
Internal Standards						
1) Pentafluorobenzene	7.869	168	106271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	53870	51.999	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.000%			
35) Dibromofluoromethane	7.805	113	66725	46.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.960%			
50) Toluene-d8	10.269	98	173469	33.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 67.900%			
62) 4-Bromofluorobenzene	12.569	95	37325	22.781	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 45.560%			
Target Compounds						
16) Acetone	4.022	43	39741	157.563	ug/l	97
17) Carbon Disulfide	4.269	76	7420	1.512	ug/l	98
25) 2-Butanone	7.087	43	13232	37.657	ug/l	92

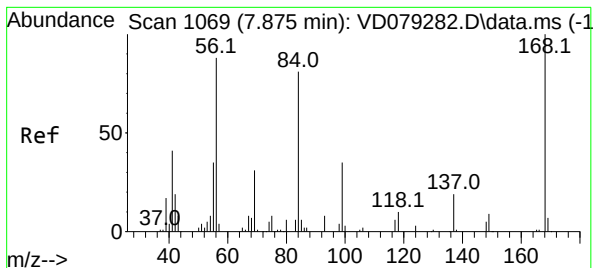
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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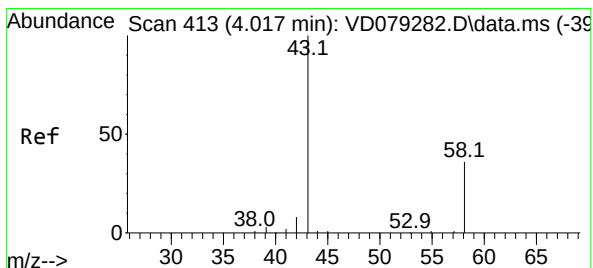
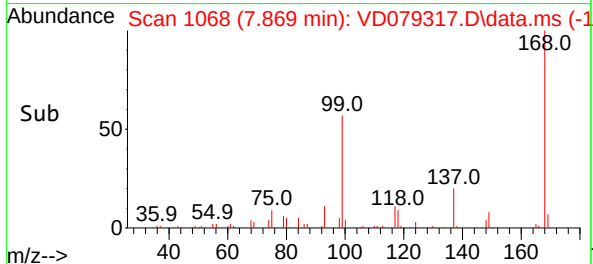
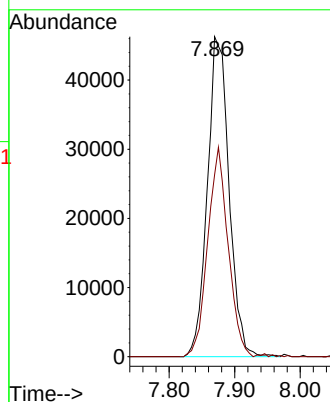
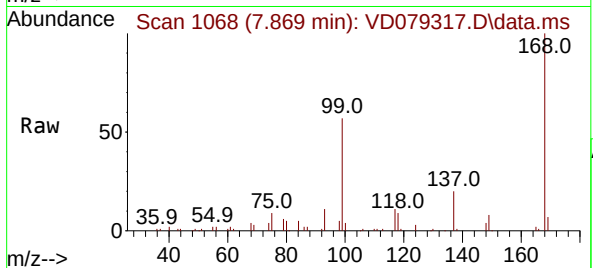




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

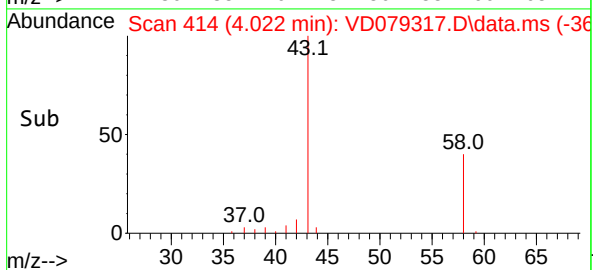
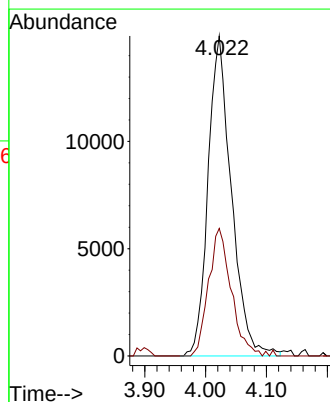
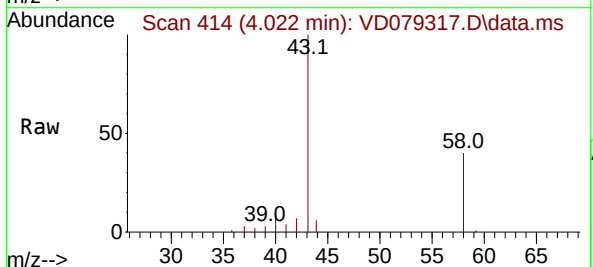
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02

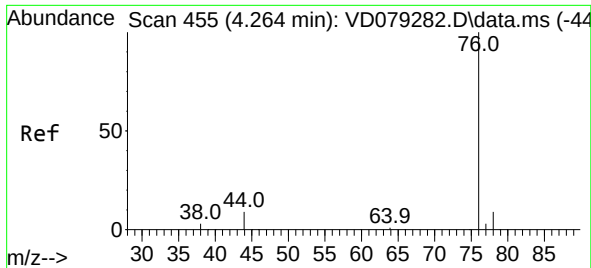
Tgt Ion:168 Resp: 106271
Ion Ratio Lower Upper
168 100
99 56.8 41.1 61.7



#16
Acetone
Concen: 157.563 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Tgt Ion: 43 Resp: 39741
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6

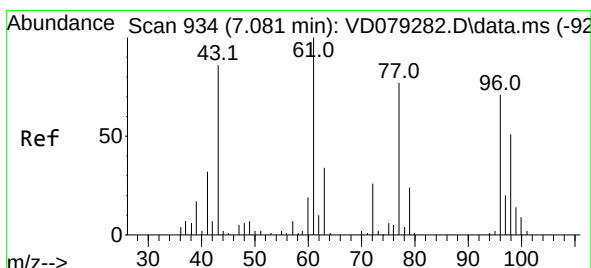
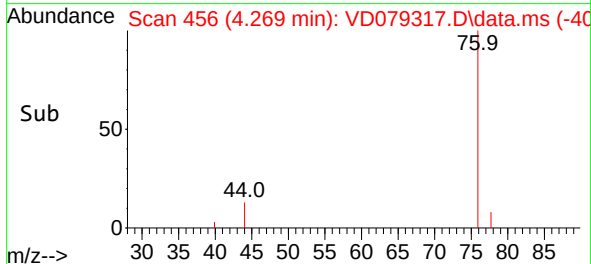
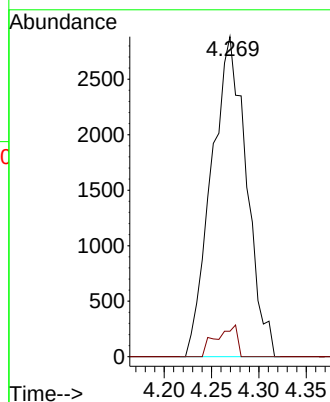
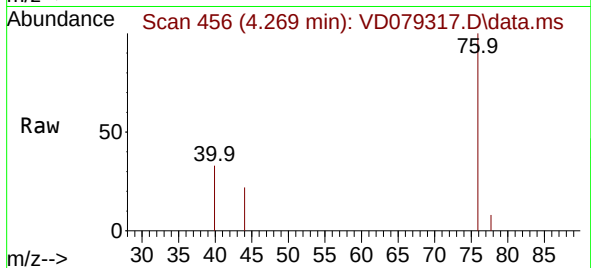




#17
Carbon Disulfide
Concen: 1.512 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

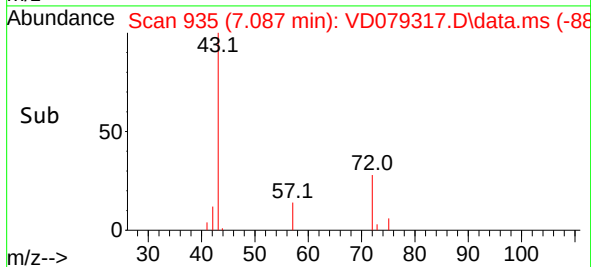
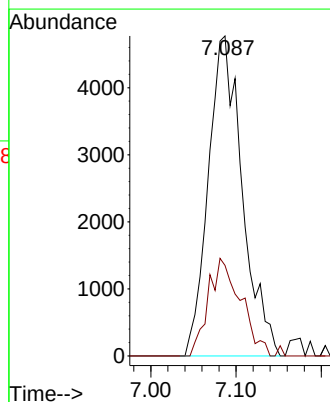
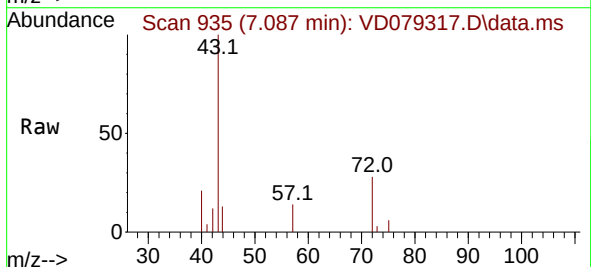
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02

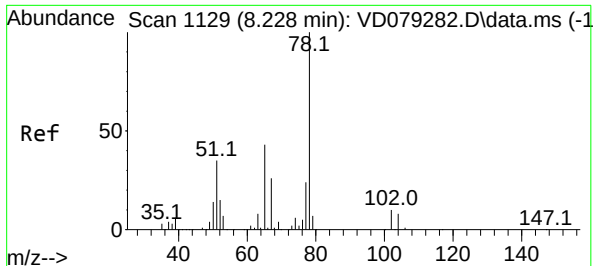
Tgt Ion: 76 Resp: 7420
Ion Ratio Lower Upper
76 100
78 7.9 6.9 10.3



#25
2-Butanone
Concen: 37.657 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Tgt Ion: 43 Resp: 13232
Ion Ratio Lower Upper
43 100
72 28.3 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 51.999 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

ClientSampleId :

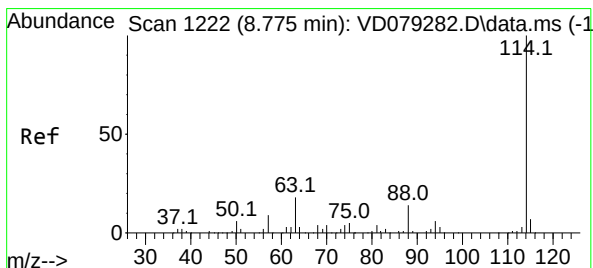
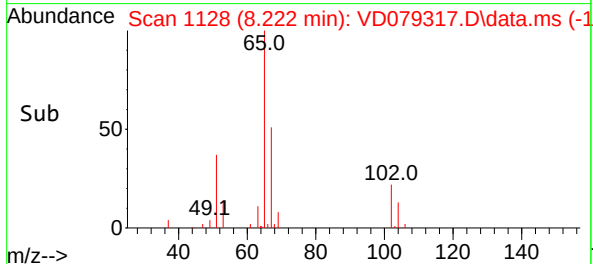
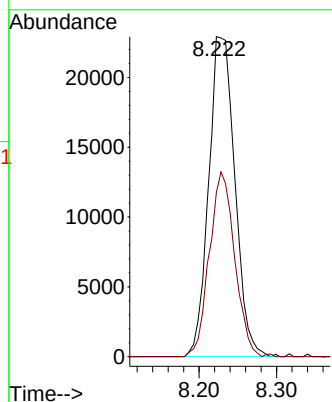
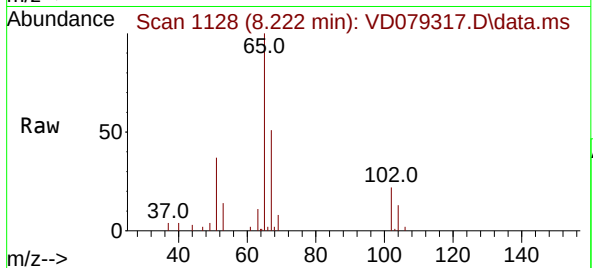
B-129-SB02

Tgt Ion: 65 Resp: 53870

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

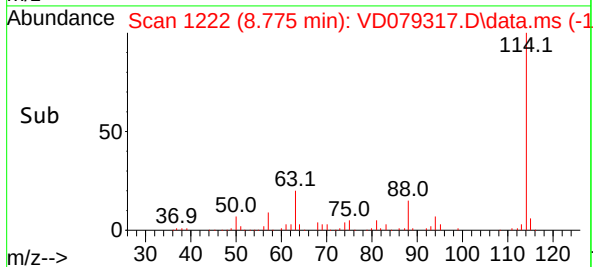
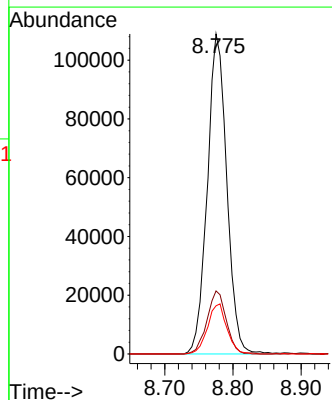
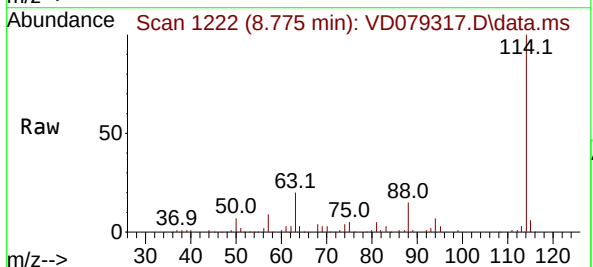
Tgt Ion: 114 Resp: 216371

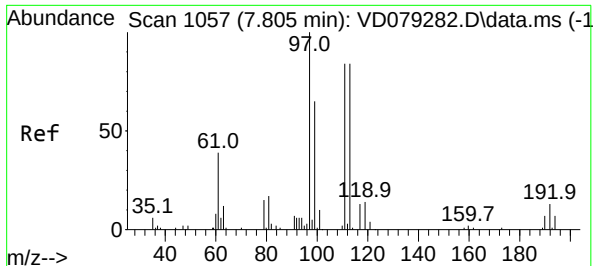
Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 15.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.981 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079317.D

Acq: 02 Jul 2024 14:25

Instrument :

MSVOA_D

ClientSampleId :

B-129-SB02

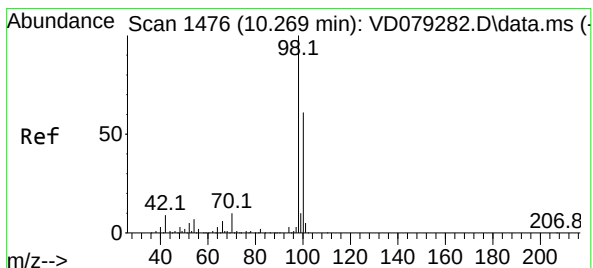
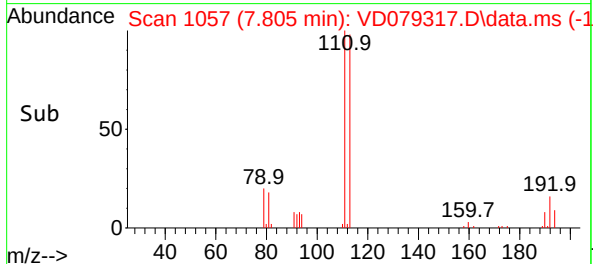
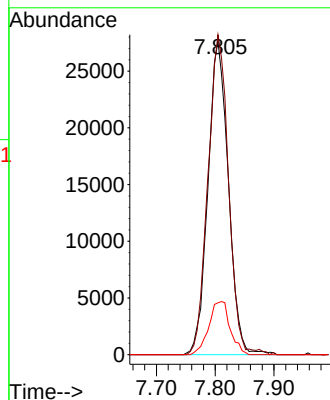
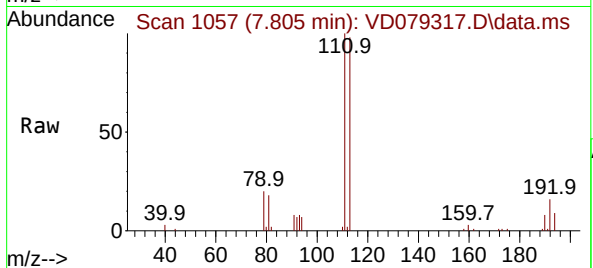
Tgt Ion:113 Resp: 66725

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 17.7 15.4 23.0



#50

Toluene-d8

Concen: 33.951 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079317.D

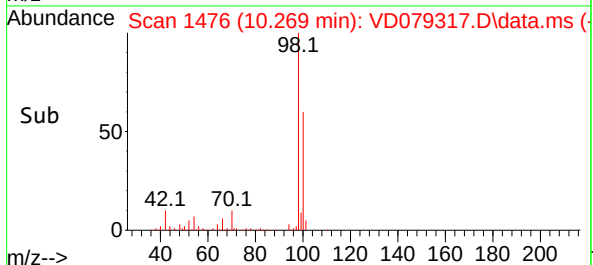
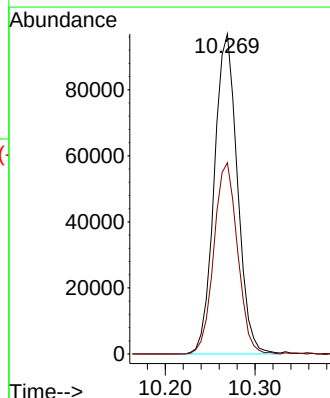
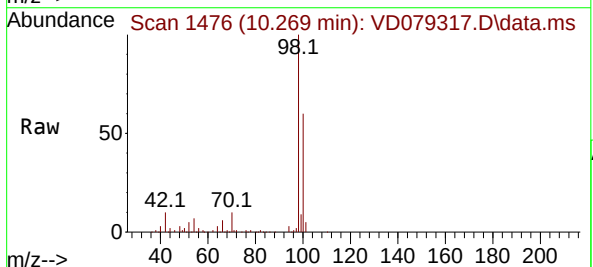
Acq: 02 Jul 2024 14:25

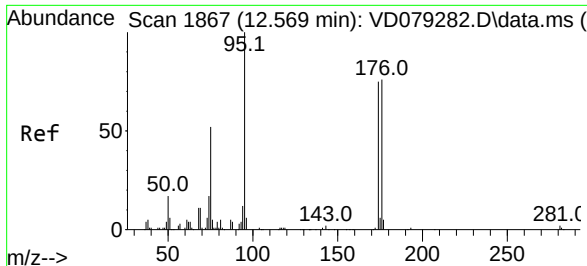
Tgt Ion: 98 Resp: 173469

Ion Ratio Lower Upper

98 100

100 61.0 51.6 77.4

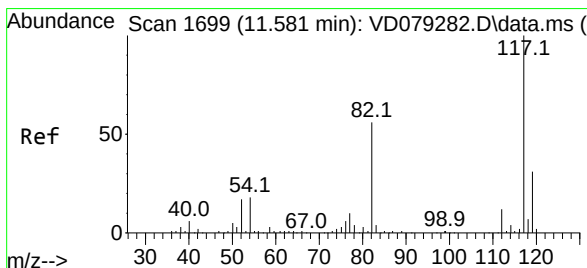
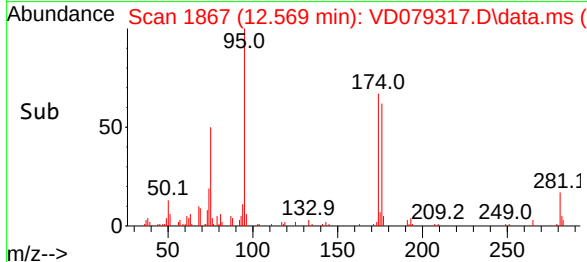
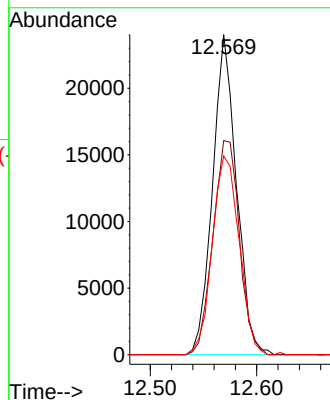
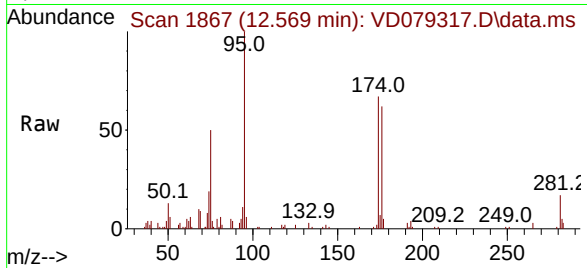




#62
4-Bromofluorobenzene
Concen: 22.781 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

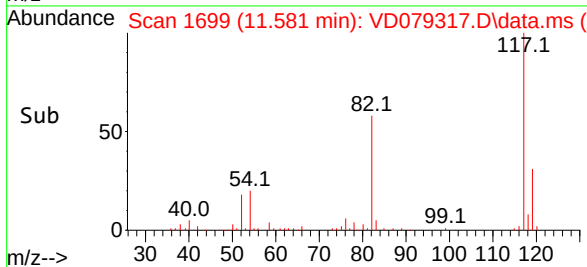
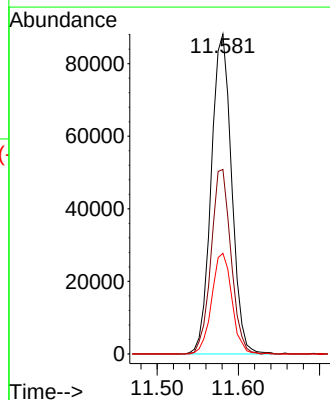
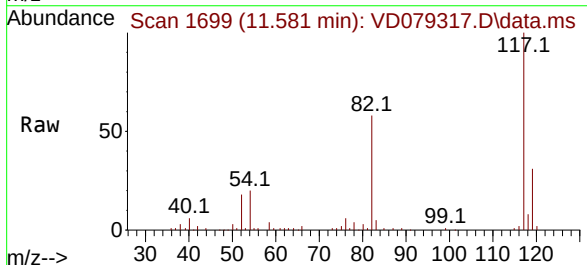
Instrument :
MSVOA_D
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B-129-SB02

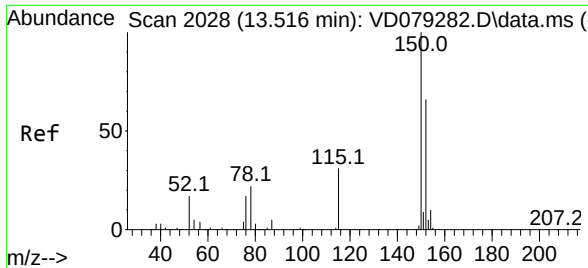
Tgt Ion:	95	Resp:	37325
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	195.4
176	70.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

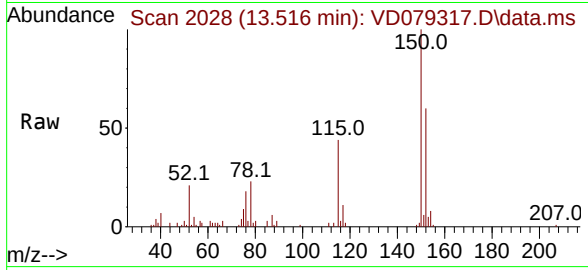
Tgt Ion:	117	Resp:	153900
Ion	Ratio	Lower	Upper
117	100		
82	57.7	39.8	59.6
119	31.4	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD079317.D
Acq: 02 Jul 2024 14:25

Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02



Tgt Ion:	152	Resp:	33512
Ion	Ratio	Lower	Upper
152	100		
115	64.1	26.5	79.5
150	160.6	0.0	341.6

