

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077997.D
 Acq On : 20 Dec 2023 15:56
 Operator : RP/MD
 Sample : 05827-10RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-10-11-12RE

Quant Time: Dec 21 05:25:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

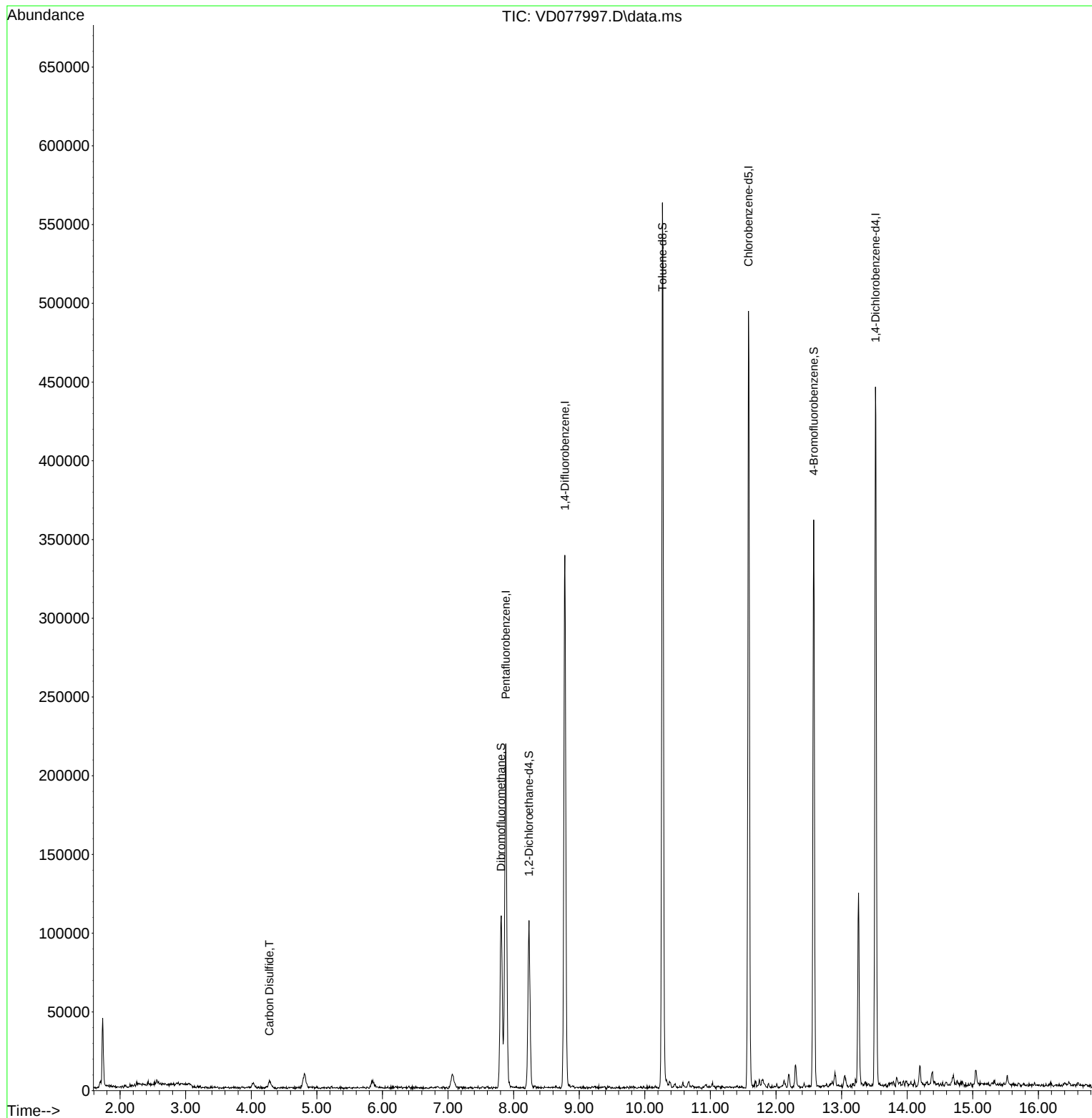
Internal Standards						
1) Pentafluorobenzene	7.881	168	162450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	302310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79068	41.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.620%
35) Dibromofluoromethane	7.810	113	80554	38.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.080%
50) Toluene-d8	10.269	98	385935	45.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.575	95	108559	42.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.620%
Target Compounds						
17) Carbon Disulfide	4.275	76	9759	1.477	ug/l	Qvalue # 85

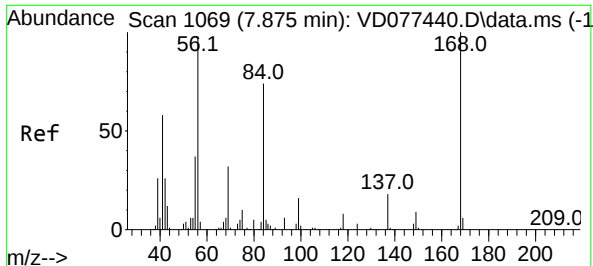
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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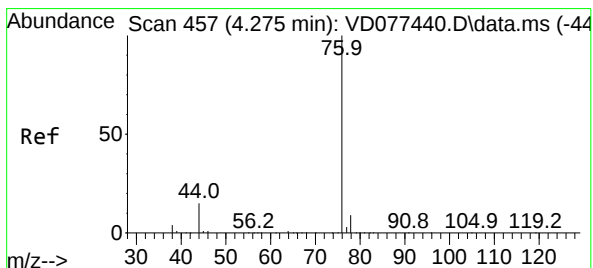
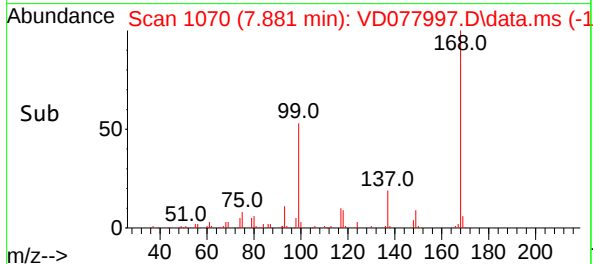
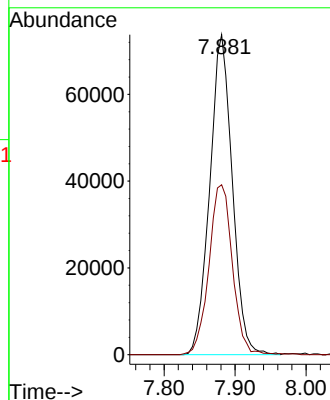
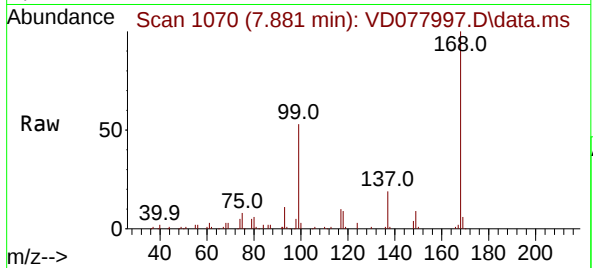




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077997.D
Acq: 20 Dec 2023 15:56

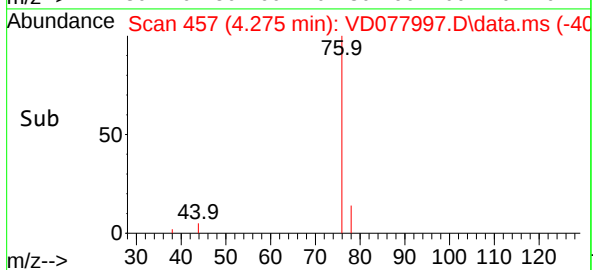
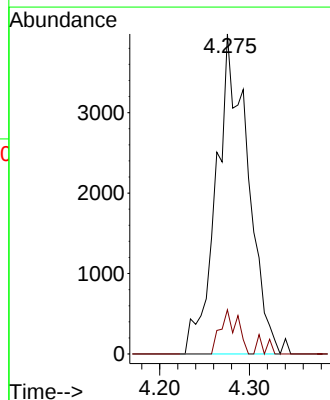
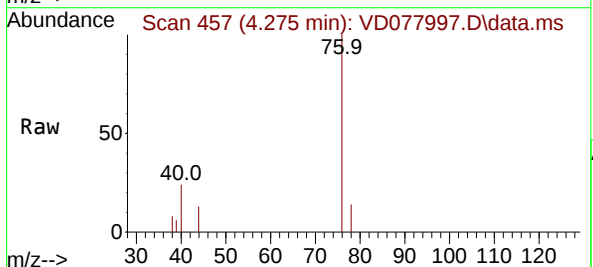
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-10-11-12RE

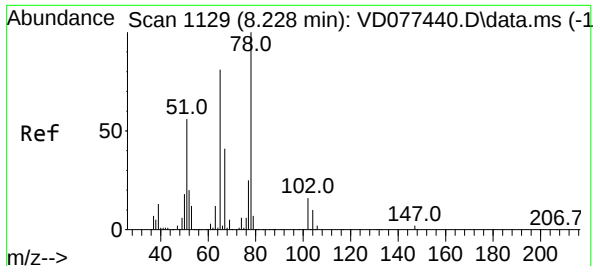
Tgt Ion:168 Resp: 162450
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#17
Carbon Disulfide
Concen: 1.477 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077997.D
Acq: 20 Dec 2023 15:56

Tgt Ion: 76 Resp: 9759
Ion Ratio Lower Upper
76 100
78 13.8 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 41.305 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077997.D

Acq: 20 Dec 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

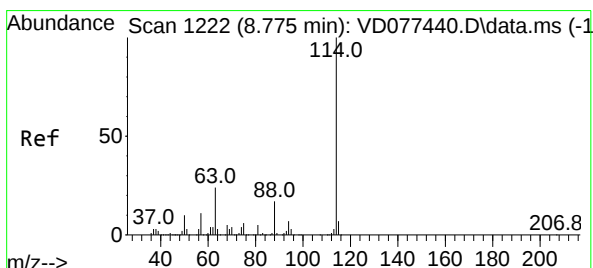
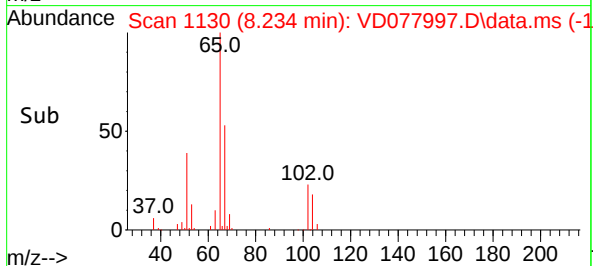
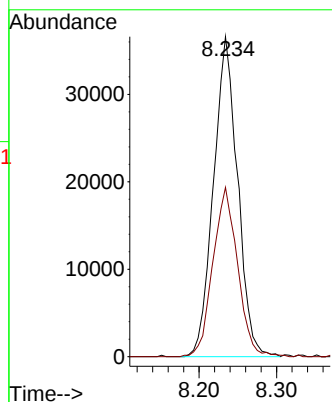
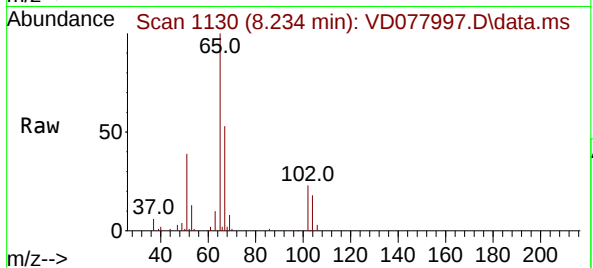
RT-SB-10-11-12RE

Tgt Ion: 65 Resp: 79068

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077997.D

Acq: 20 Dec 2023 15:56

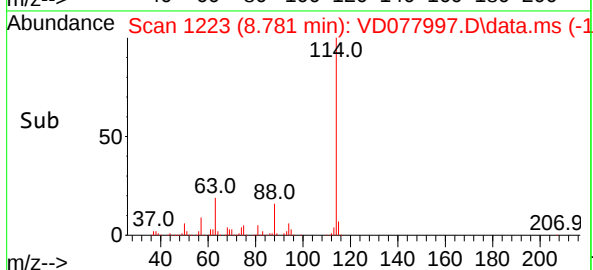
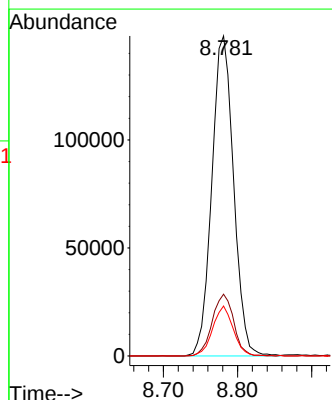
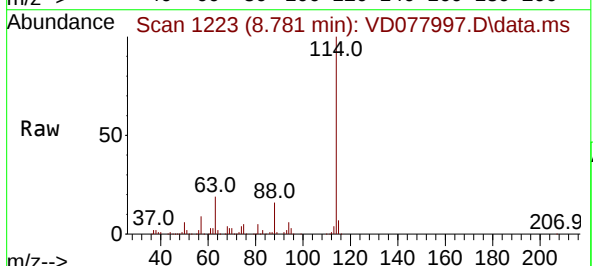
Tgt Ion: 114 Resp: 302310

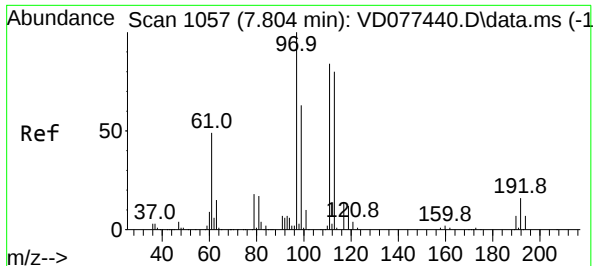
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 15.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 38.041 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077997.D

Acq: 20 Dec 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-10-11-12RE

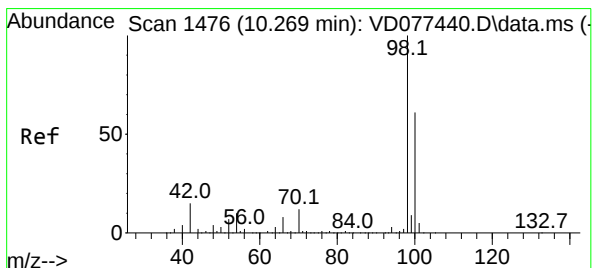
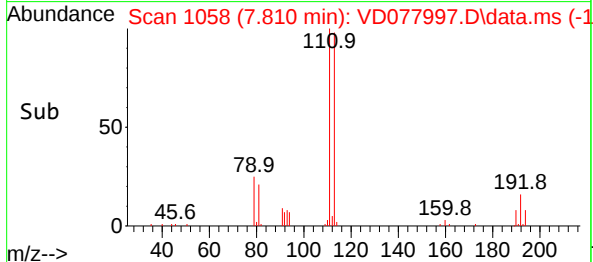
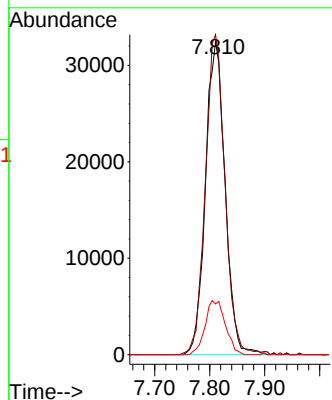
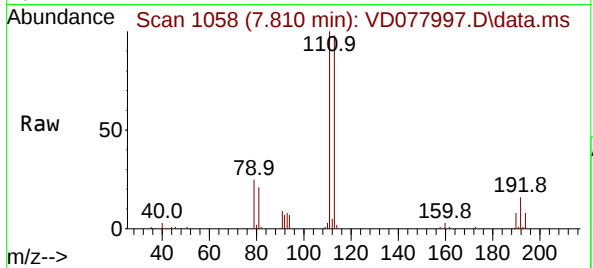
Tgt Ion:113 Resp: 80554

Ion Ratio Lower Upper

113 100

111 101.7 84.7 127.1

192 17.9 16.8 25.2



#50

Toluene-d8

Concen: 45.505 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077997.D

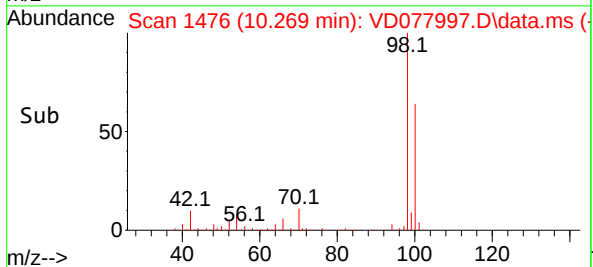
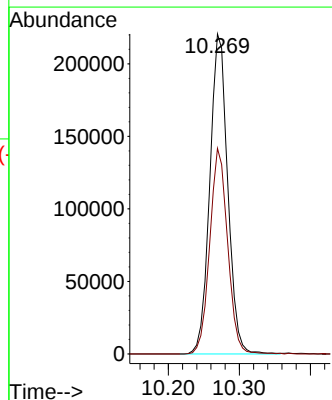
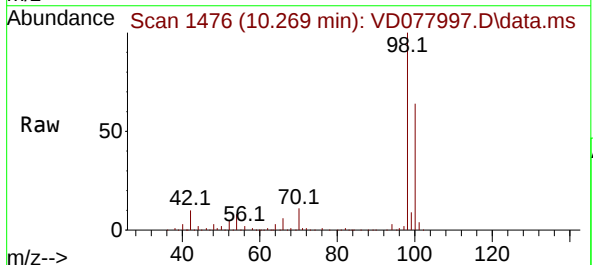
Acq: 20 Dec 2023 15:56

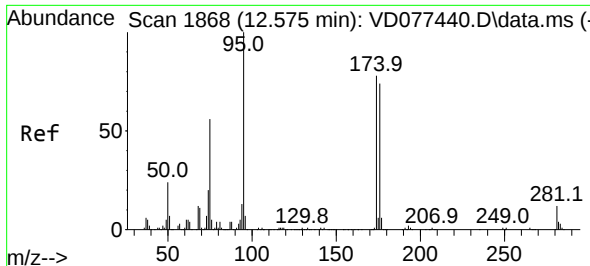
Tgt Ion: 98 Resp: 385935

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

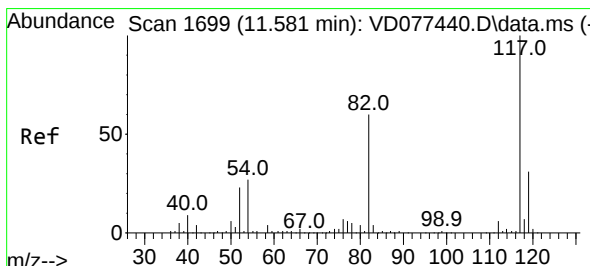
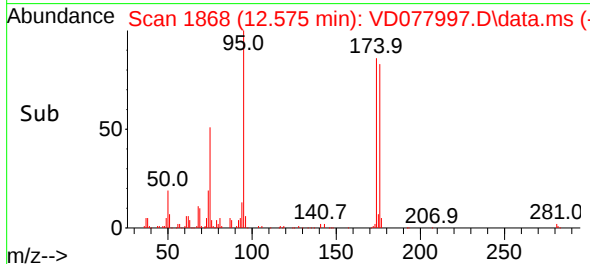
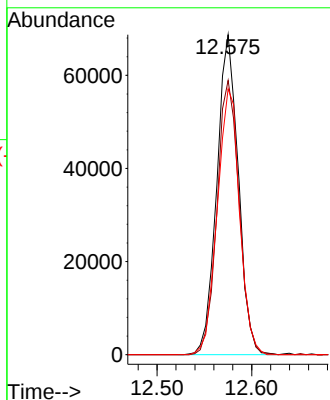
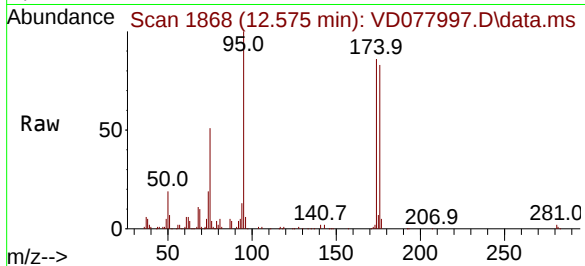




#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077997.D
Acq: 20 Dec 2023 15:56

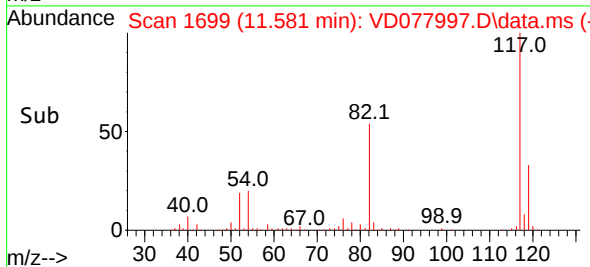
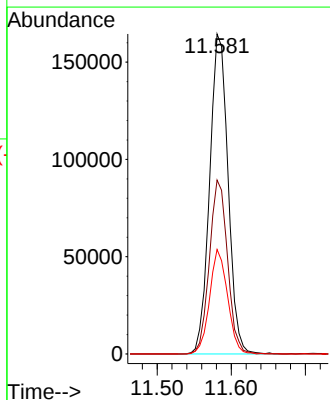
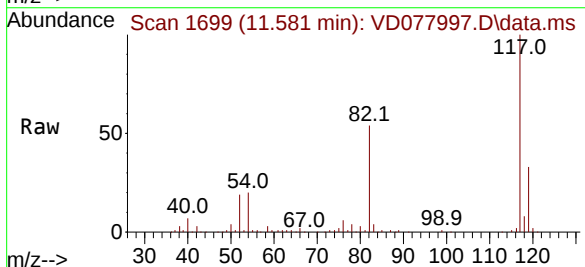
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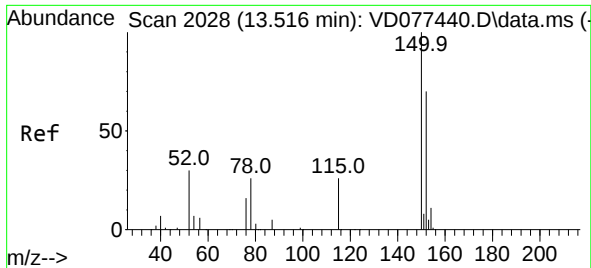
Tgt Ion:	95	Resp:	108559
Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	201.8
176	86.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077997.D
Acq: 20 Dec 2023 15:56

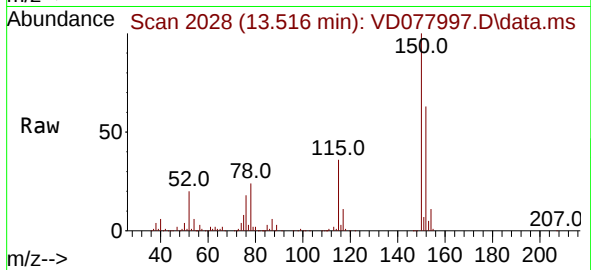
Tgt Ion:	117	Resp:	283417
Ion	Ratio	Lower	Upper
117	100		
82	54.4	38.3	57.5
119	32.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077997.D
 Acq: 20 Dec 2023 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-10-11-12RE



Tgt Ion:152 Resp: 117776

Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.1	81.3
150	160.4	0.0	353.6

