

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079645.D
 Acq On : 07 Aug 2024 17:09
 Operator : RP/MD
 Sample : P3393-07
 Misc : 8.55G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-850-GI-SO-2.5-3-072624

Quant Time: Aug 08 01:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

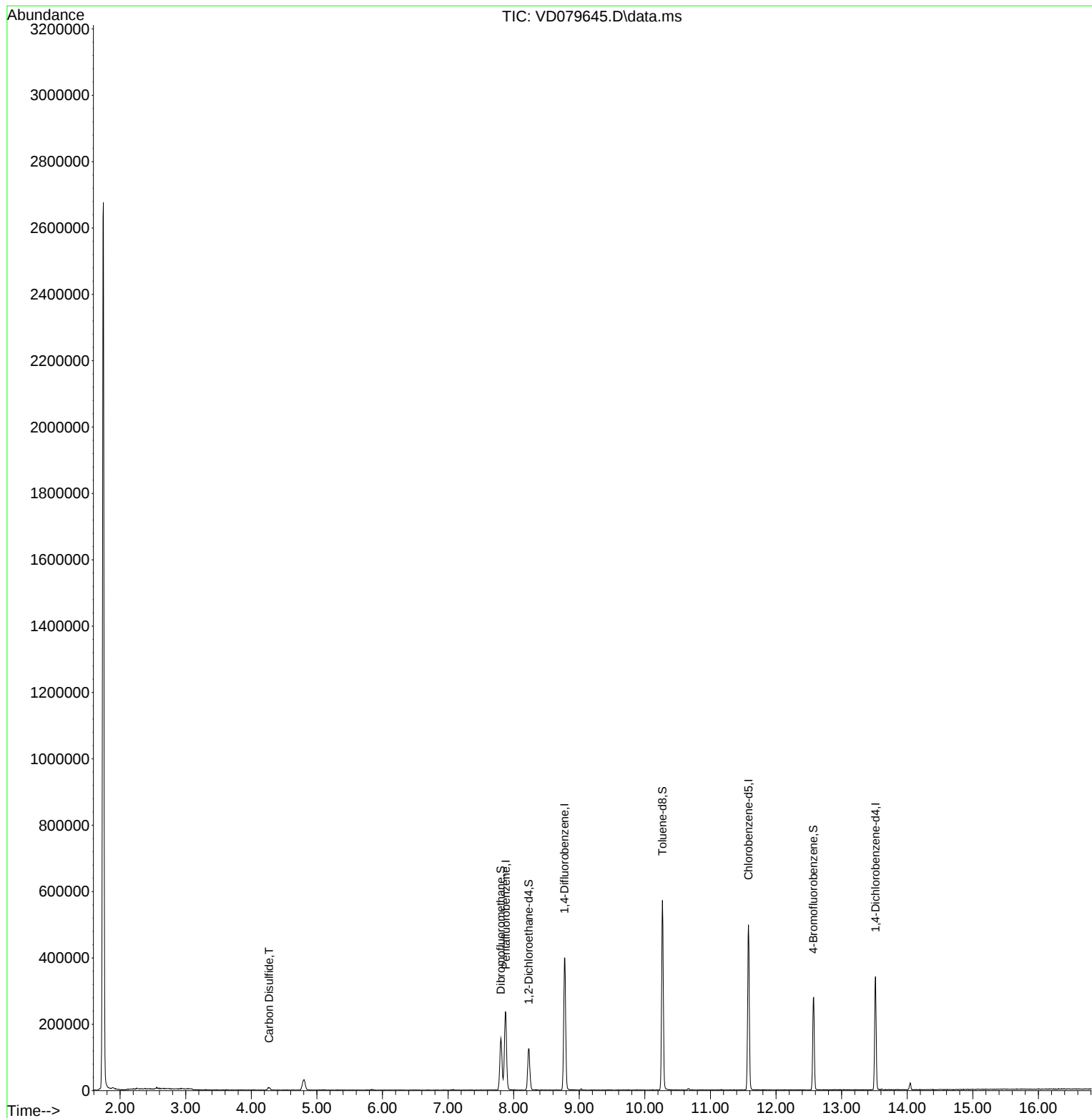
Internal Standards						
1) Pentafluorobenzene	7.881	168	187004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97482	51.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.620%
35) Dibromofluoromethane	7.804	113	115899	46.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.269	98	402536	41.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.140%
62) 4-Bromofluorobenzene	12.569	95	84758	30.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.500%
Target Compounds						
17) Carbon Disulfide	4.269	76	16289	2.442	ug/l	Qvalue # 91

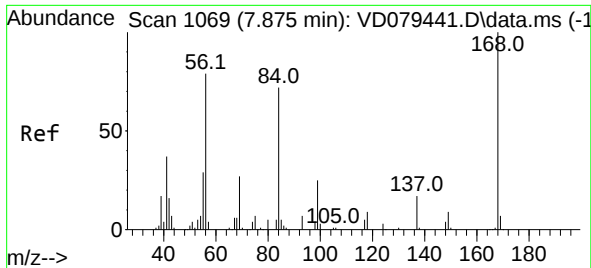
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
Data File : VD079645.D
Acq On : 07 Aug 2024 17:09
Operator : RP/MD
Sample : P3393-07
Misc : 8.55G/5.0ml/MSVOA_D/SOILA
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-850-GI-SO-2.5-3-072624

Quant Time: Aug 08 01:52:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

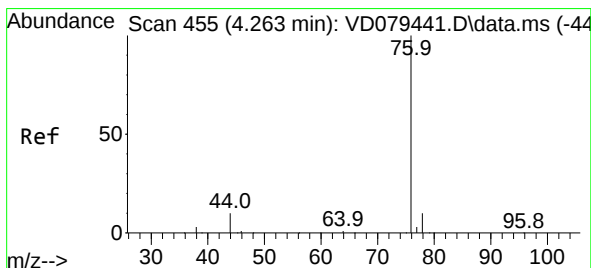
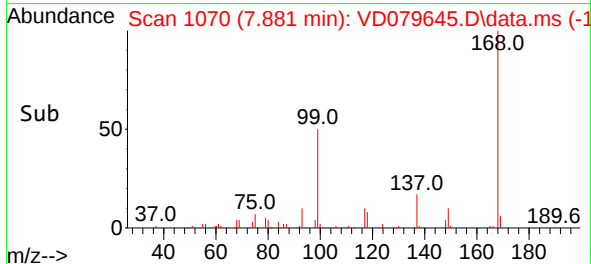
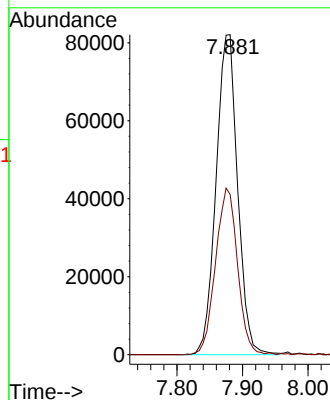
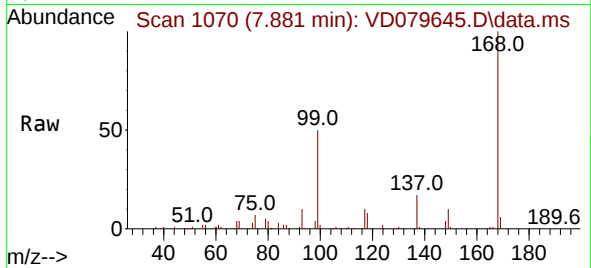




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079645.D
Acq: 07 Aug 2024 17:09

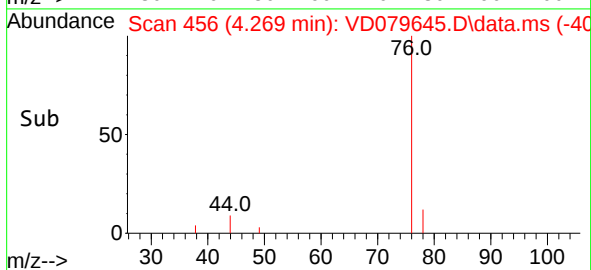
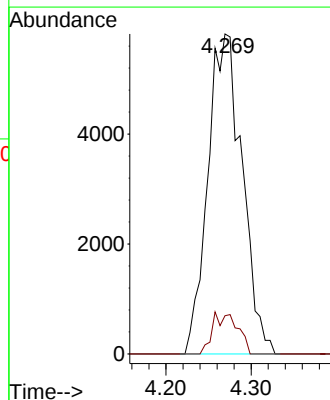
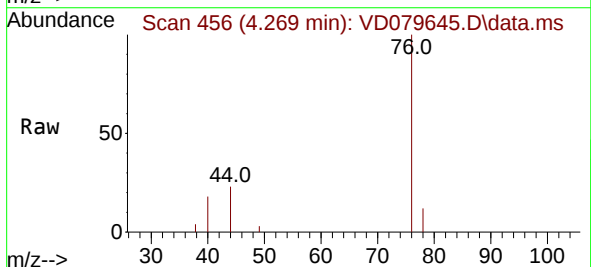
Instrument :
MSVOA_D
ClientSampleId :
S-850-GI-SO-2.5-3-072624

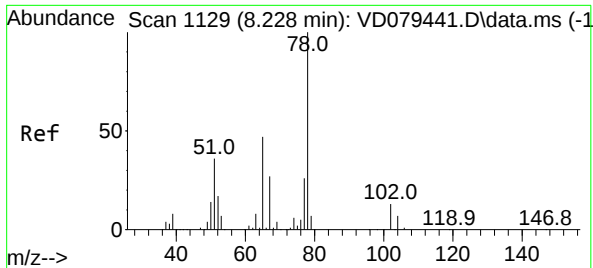
Tgt Ion:168 Resp: 187004
Ion Ratio Lower Upper
168 100
99 50.1 41.1 61.7



#17
Carbon Disulfide
Concen: 2.442 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD079645.D
Acq: 07 Aug 2024 17:09

Tgt Ion: 76 Resp: 16289
Ion Ratio Lower Upper
76 100
78 12.0 6.9 10.3#





#33

1,2-Dichloroethane-d4

Concen: 51.312 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079645.D

Acq: 07 Aug 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

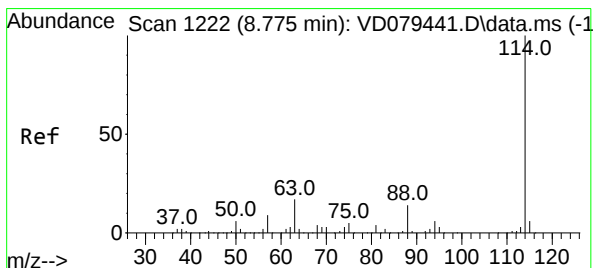
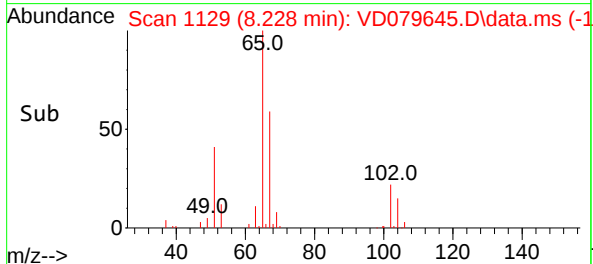
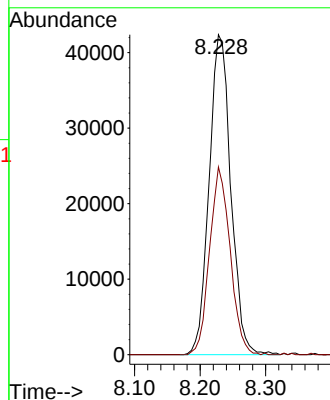
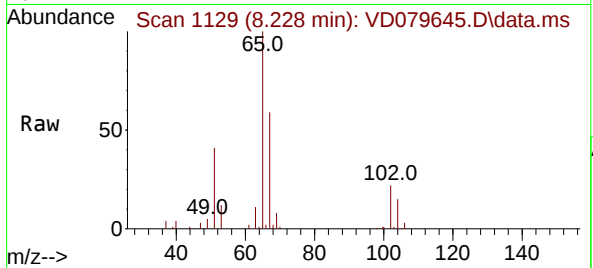
S-850-GI-SO-2.5-3-072624

Tgt Ion: 65 Resp: 97482

Ion Ratio Lower Upper

65 100

67 55.7 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: VD079645.D

Acq: 07 Aug 2024 17:09

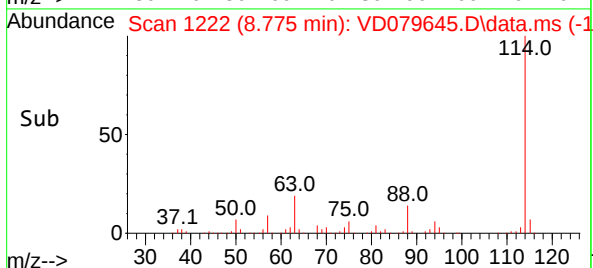
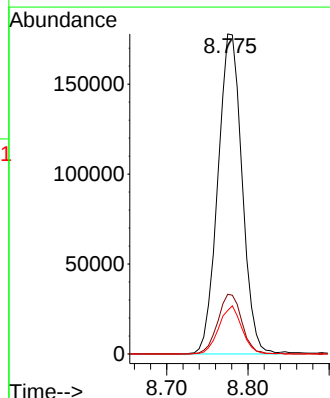
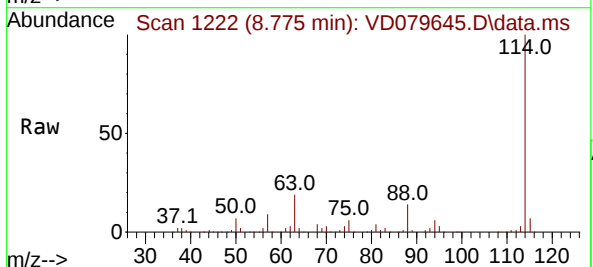
Tgt Ion: 114 Resp: 368411

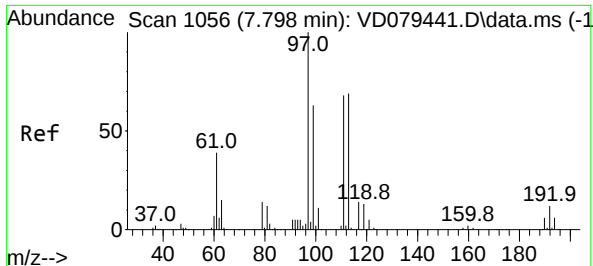
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.479 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD079645.D

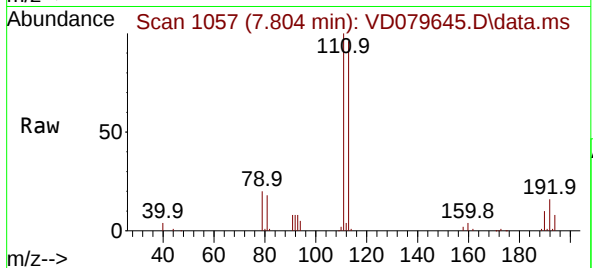
Acq: 07 Aug 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

S-850-GI-SO-2.5-3-072624



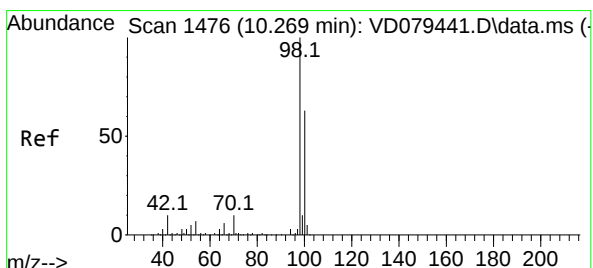
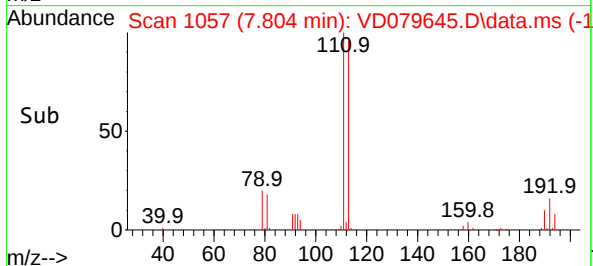
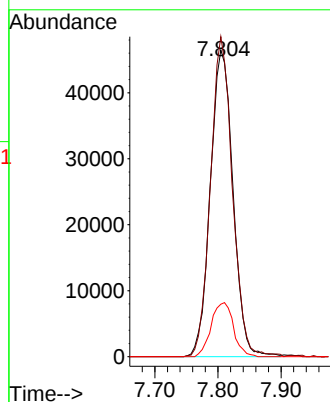
Tgt Ion:113 Resp: 115899

Ion Ratio Lower Upper

113 100

111 100.7 84.0 126.0

192 17.4 15.4 23.0



#50

Toluene-d8

Concen: 41.569 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079645.D

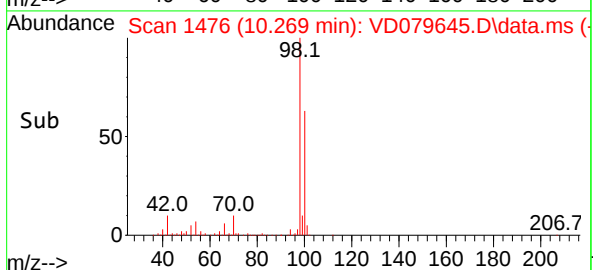
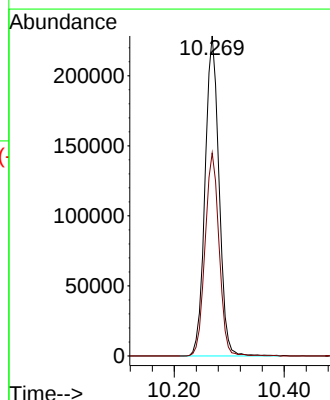
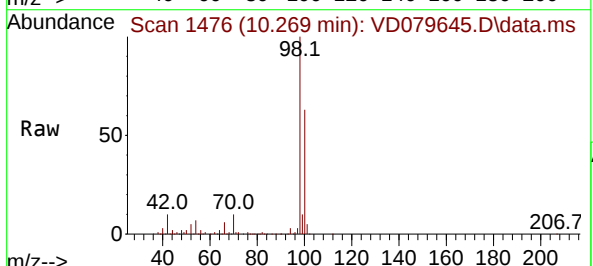
Acq: 07 Aug 2024 17:09

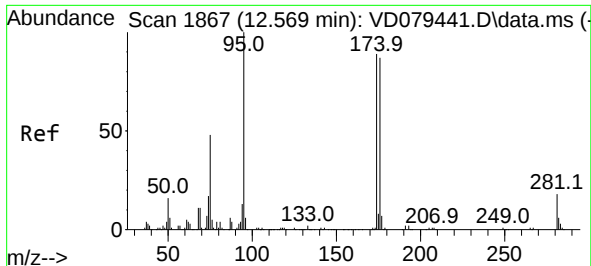
Tgt Ion: 98 Resp: 402536

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4

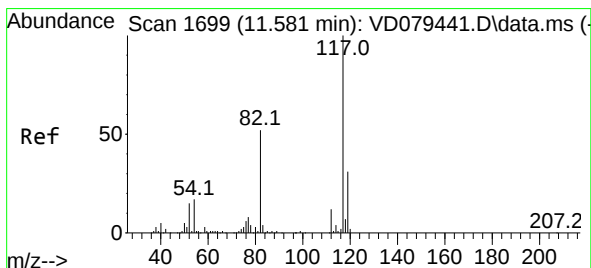
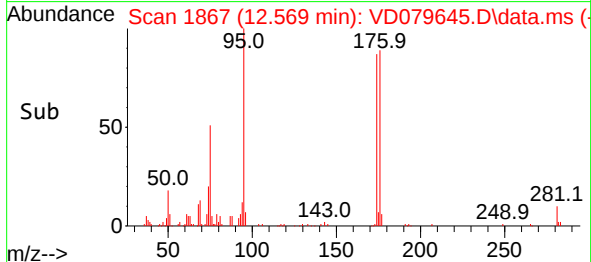
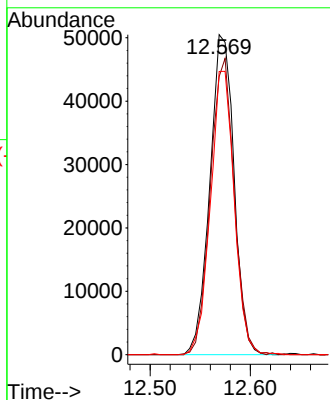
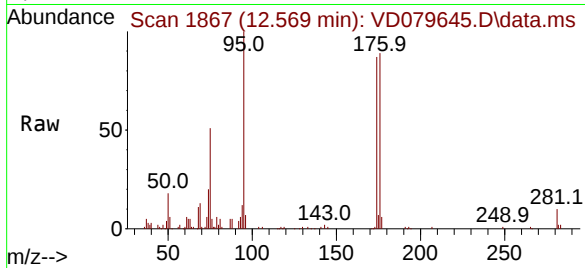




#62
4-Bromofluorobenzene
Concen: 30.247 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079645.D
Acq: 07 Aug 2024 17:09

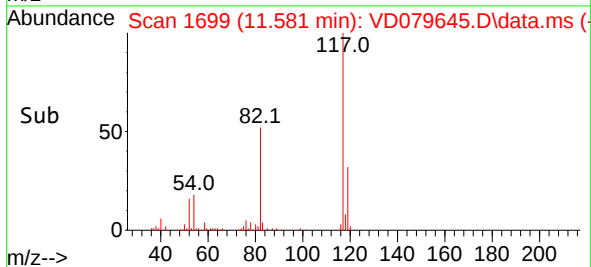
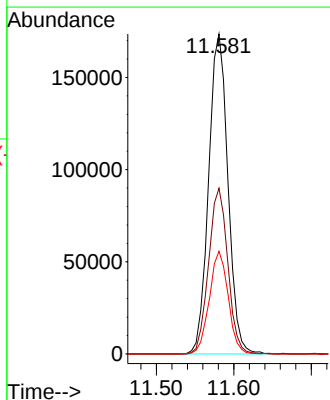
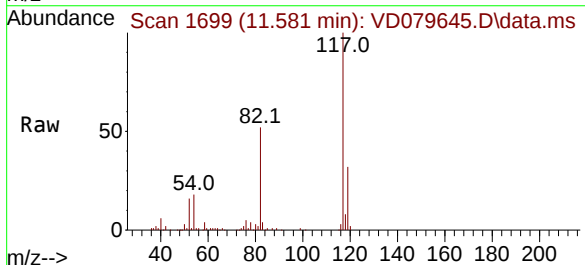
Instrument :
MSVOA_D
ClientSampleId :
S-850-GI-SO-2.5-3-072624

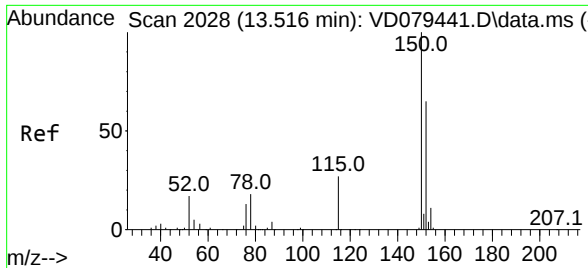
Tgt Ion:	95	Resp:	84758
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	195.4
176	87.2	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079645.D
Acq: 07 Aug 2024 17:09

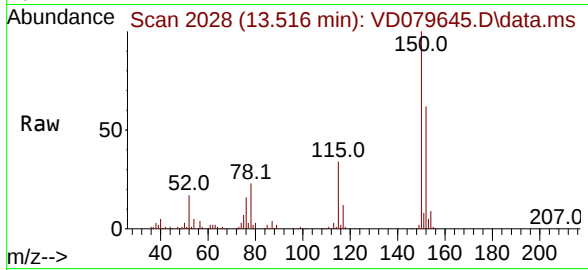
Tgt Ion:	117	Resp:	300518
Ion	Ratio	Lower	Upper
117	100		
82	51.8	39.8	59.6
119	32.1	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079645.D
 Acq: 07 Aug 2024 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 S-850-GI-SO-2.5-3-072624



Tgt Ion:	152	Resp:	94227
Ion	Ratio	Lower	Upper
152	100		
115	56.1	26.5	79.5
150	157.0	0.0	341.6

