

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077940.D
 Acq On : 16 Dec 2023 18:07
 Operator : RP/MD
 Sample : 05831-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20017

Quant Time: Dec 18 02:01:55 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)

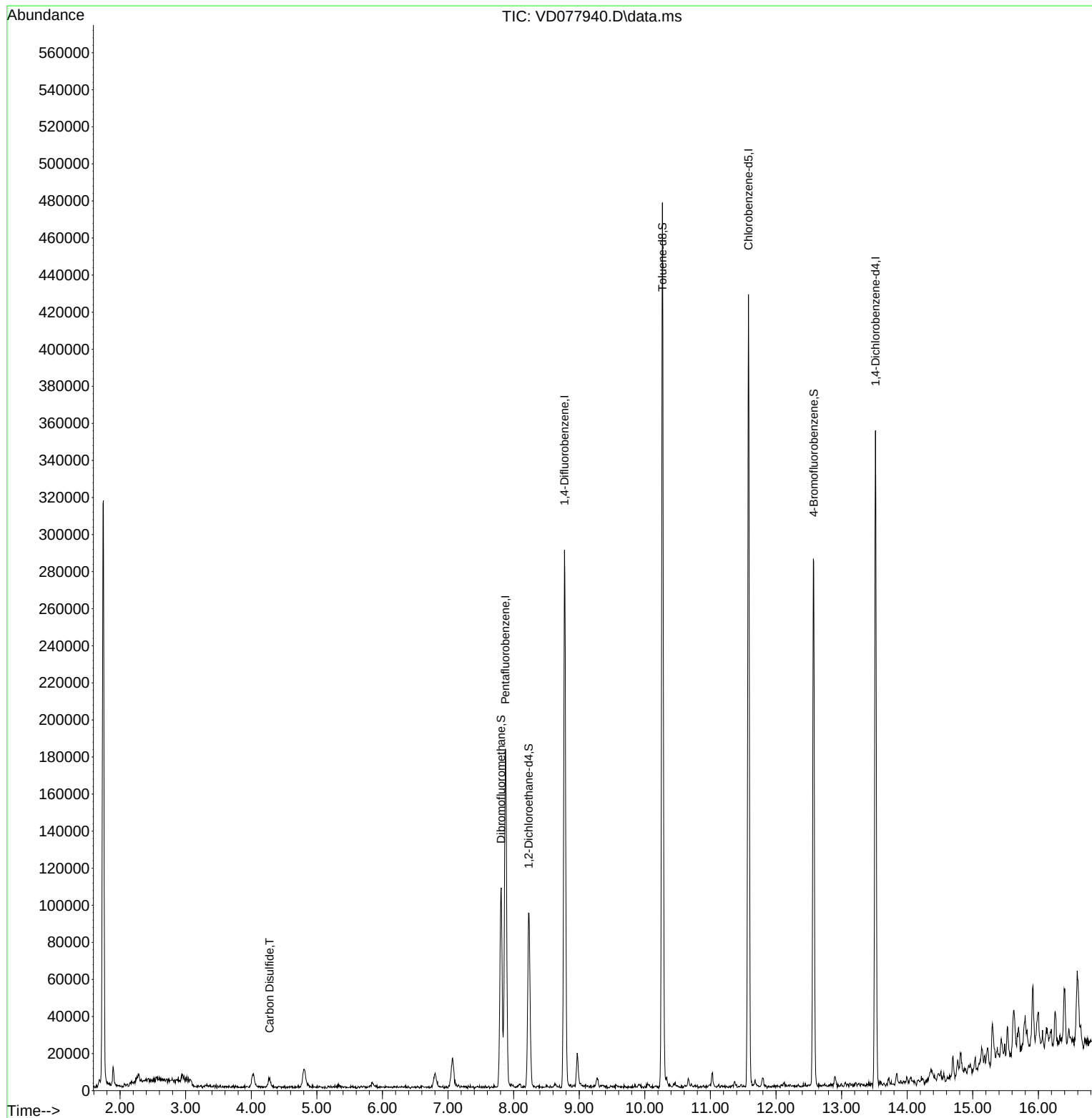
Internal Standards						
1) Pentafluorobenzene	7.875	168	139947	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	256907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71971	43.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.280%
35) Dibromofluoromethane	7.810	113	78580	43.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.340%
50) Toluene-d8	10.269	98	329301	45.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.575	95	88814	41.216	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.440%
Target Compounds						
17) Carbon Disulfide	4.281	76	8844	1.554	ug/l	Qvalue 100

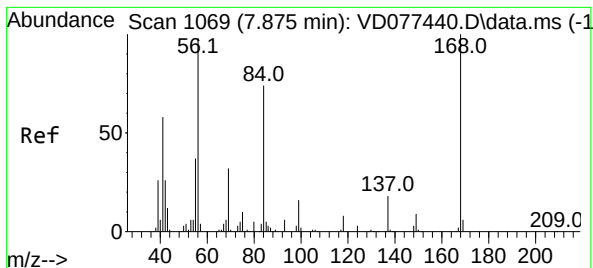
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077940.D
Acq On : 16 Dec 2023 18:07
Operator : RP/MD
Sample : 05831-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20017

Quant Time: Dec 18 02:01:55 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

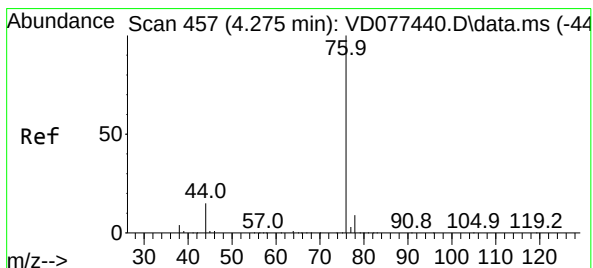
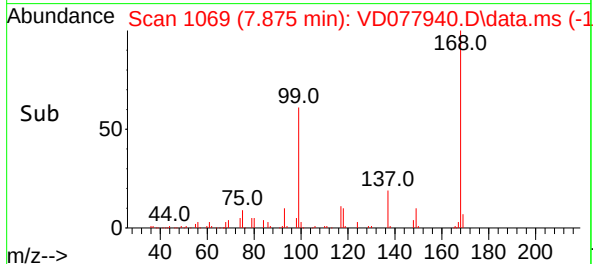
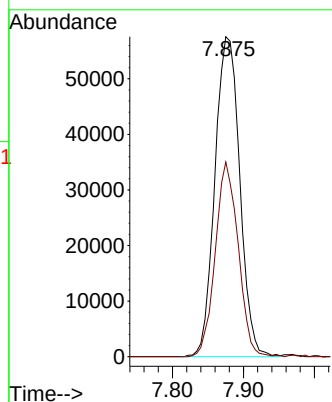
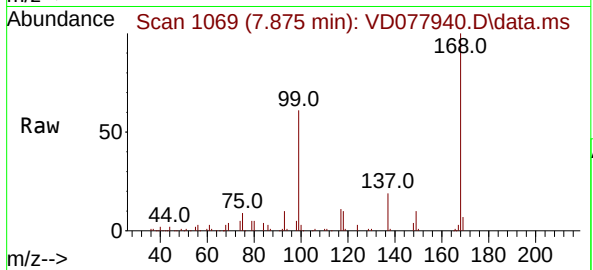




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077940.D
Acq: 16 Dec 2023 18:07

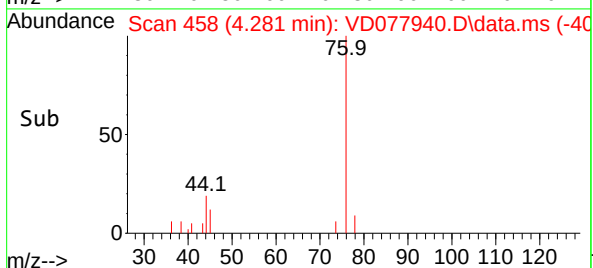
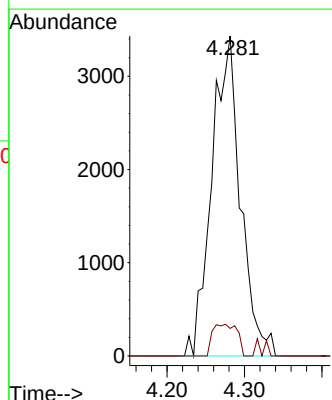
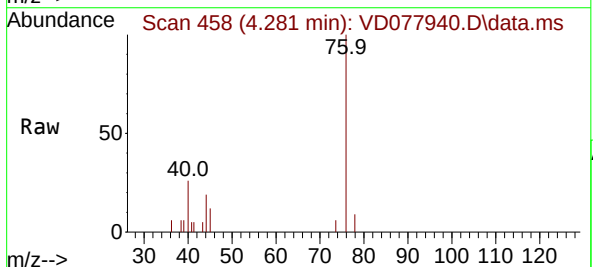
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20017

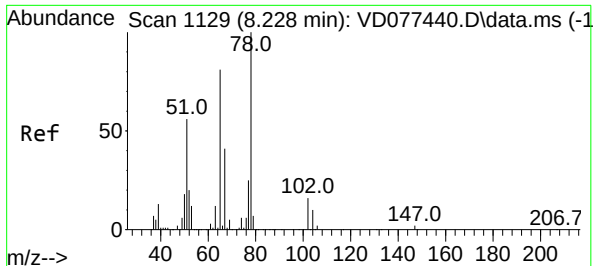
Tgt Ion:168 Resp: 139947
Ion Ratio Lower Upper
168 100
99 60.8 36.7 55.1#



#17
Carbon Disulfide
Concen: 1.554 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077940.D
Acq: 16 Dec 2023 18:07

Tgt Ion: 76 Resp: 8844
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 43.643 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077940.D

Acq: 16 Dec 2023 18:07

Instrument :

MSVOA_D

ClientSampleId :

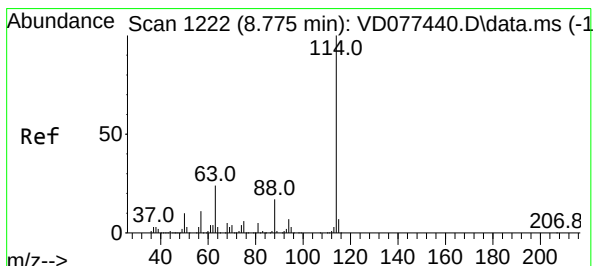
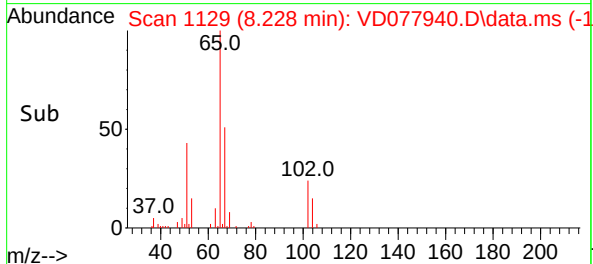
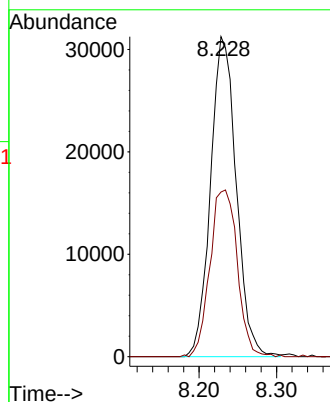
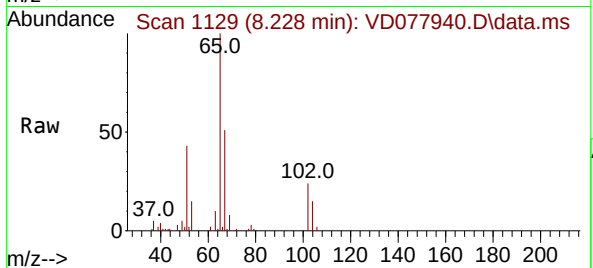
CHRT-20017

Tgt Ion: 65 Resp: 71971

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077940.D

Acq: 16 Dec 2023 18:07

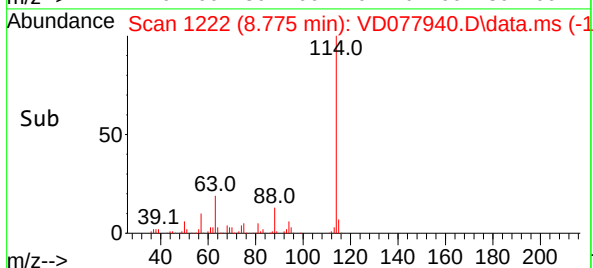
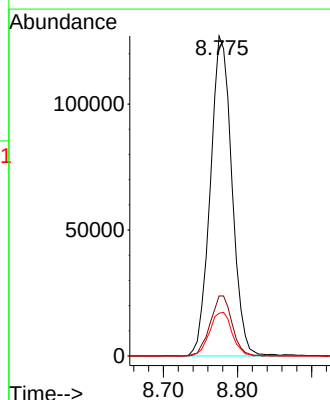
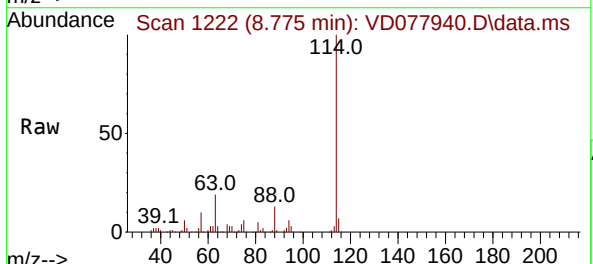
Tgt Ion: 114 Resp: 256907

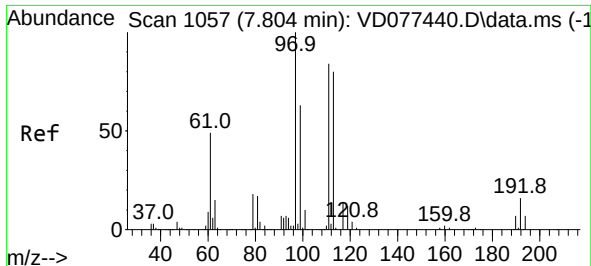
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.667 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077940.D

Acq: 16 Dec 2023 18:07

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20017

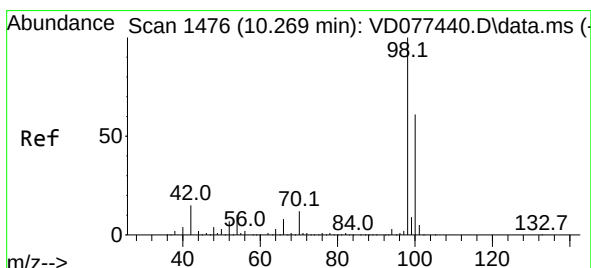
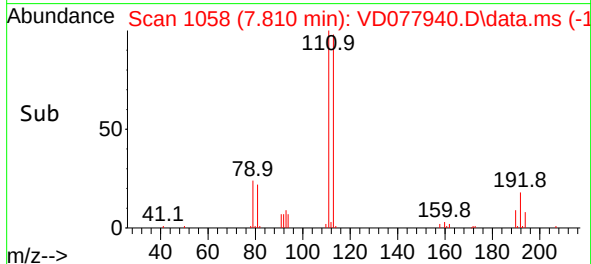
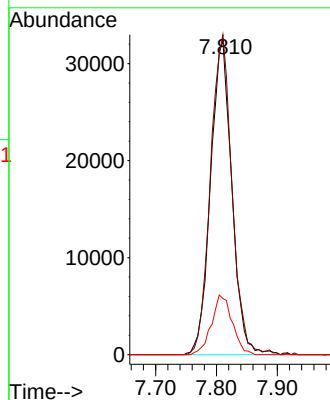
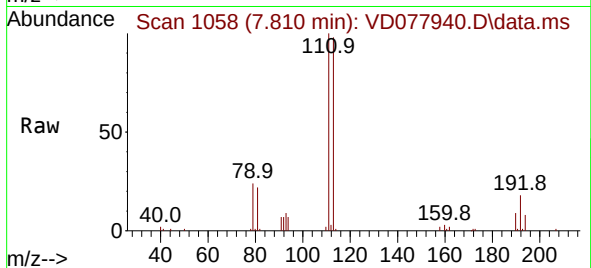
Tgt Ion:113 Resp: 78580

Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 18.5 16.8 25.2



#50

Toluene-d8

Concen: 45.689 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077940.D

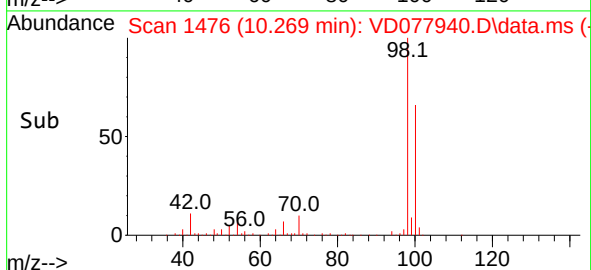
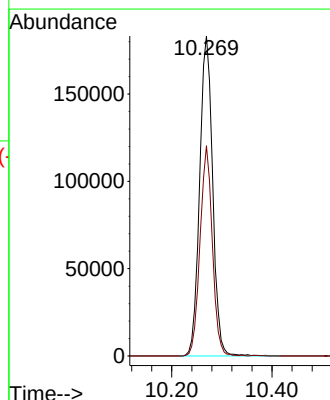
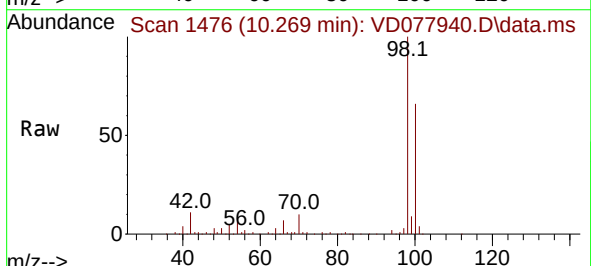
Acq: 16 Dec 2023 18:07

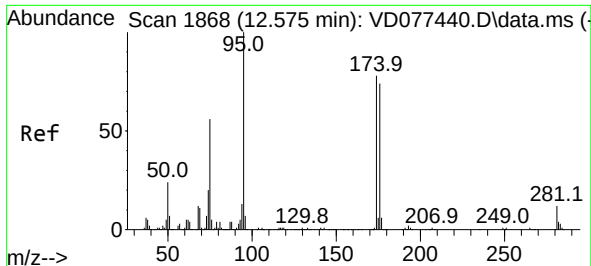
Tgt Ion: 98 Resp: 329301

Ion Ratio Lower Upper

98 100

100 62.2 50.3 75.5

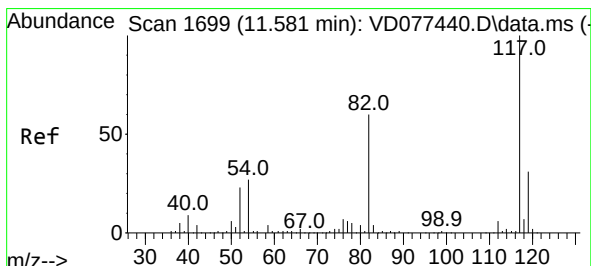
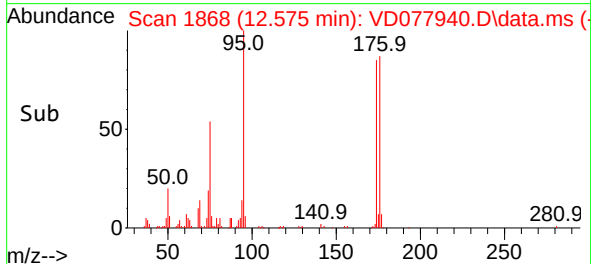
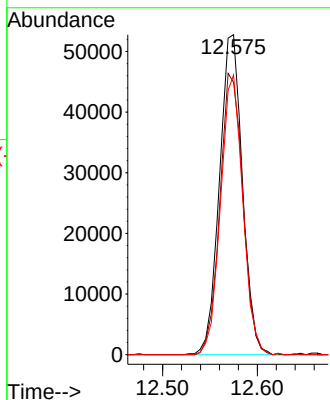
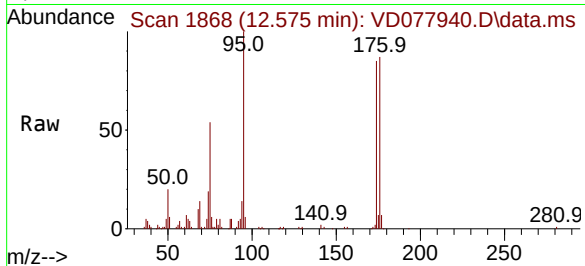




#62
4-Bromofluorobenzene
Concen: 41.216 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077940.D
Acq: 16 Dec 2023 18:07

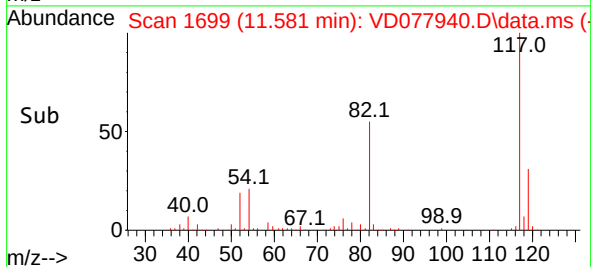
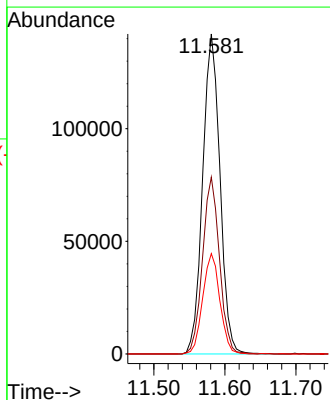
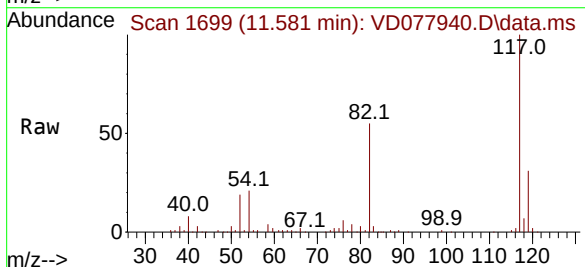
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20017

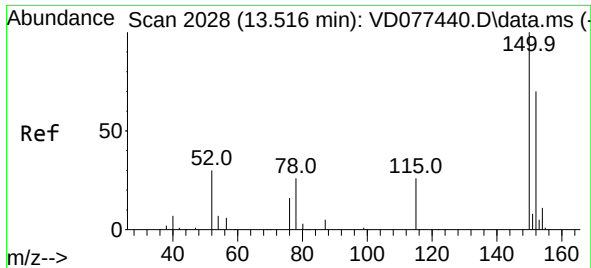
Tgt Ion: 95 Resp: 88814
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 84.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077940.D
Acq: 16 Dec 2023 18:07

Tgt Ion: 117 Resp: 241005
Ion Ratio Lower Upper
117 100
82 55.2 38.3 57.5
119 31.3 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: VD077940.D

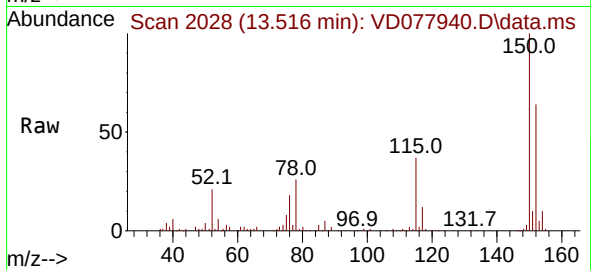
Acq: 16 Dec 2023 18:07

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20017



Tgt Ion:152 Resp: 91971

Ion Ratio Lower Upper

152 100

115 59.6 27.1 81.3

150 160.2 0.0 353.6

