

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078026.D
 Acq On : 21 Dec 2023 15:24
 Operator : RP/MD
 Sample : 05940-03
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-122023

Quant Time: Dec 22 05:17:56 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	11955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	19241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	20785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6851	48.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.810	113	7356	54.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.160%
50) Toluene-d8	10.269	98	23895	44.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.540%
62) 4-Bromofluorobenzene	12.575	95	9513	58.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.900%

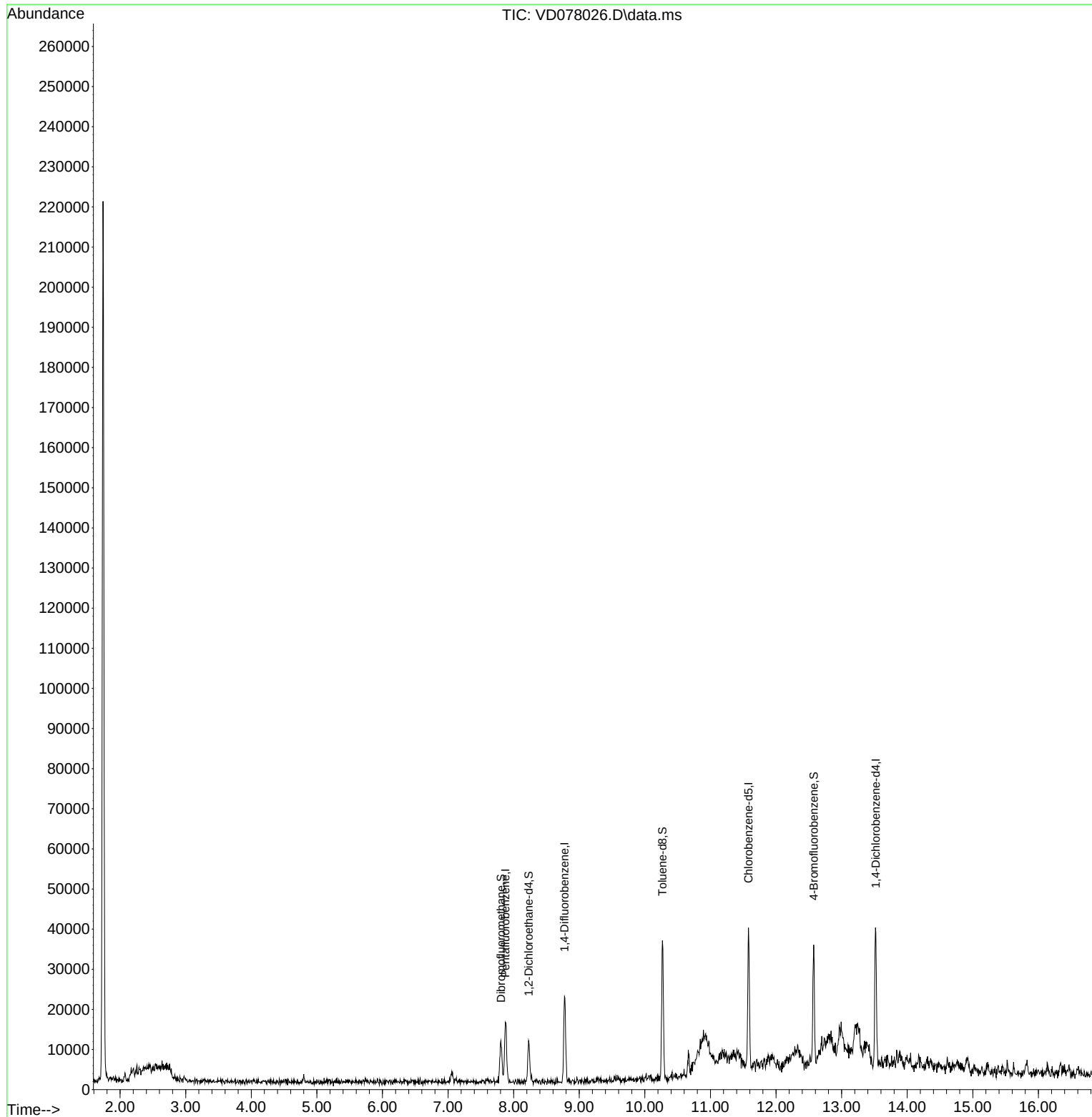
Target Compounds	Qvalue

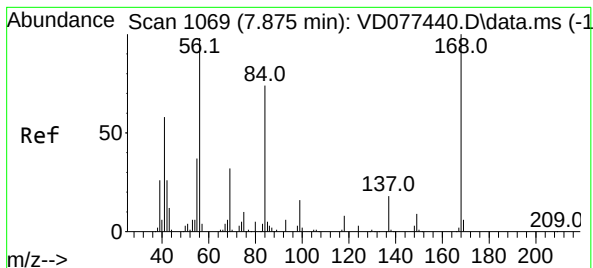
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078026.D
Acq On : 21 Dec 2023 15:24
Operator : RP/MD
Sample : 05940-03
Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PL-02-122023

Quant Time: Dec 22 05:17:56 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

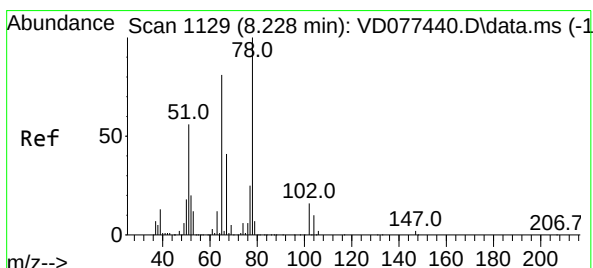
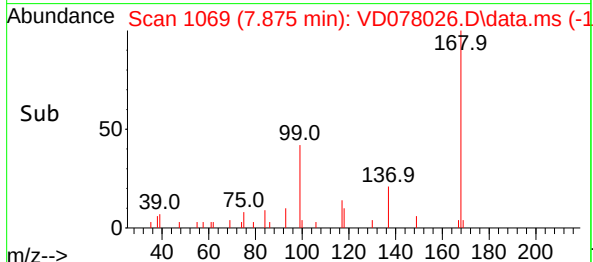
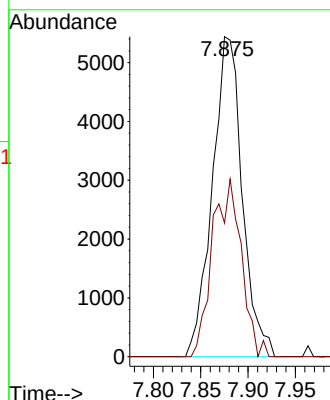
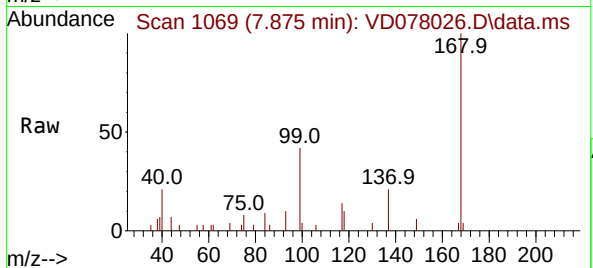




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078026.D
Acq: 21 Dec 2023 15:24

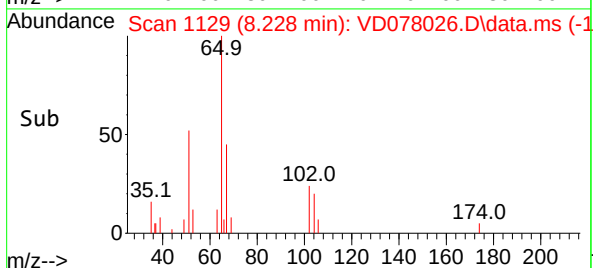
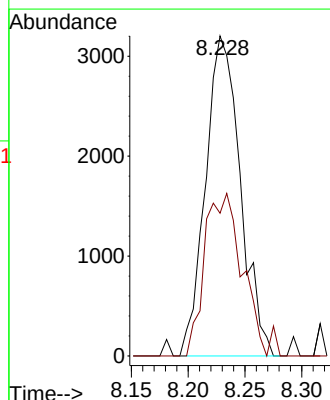
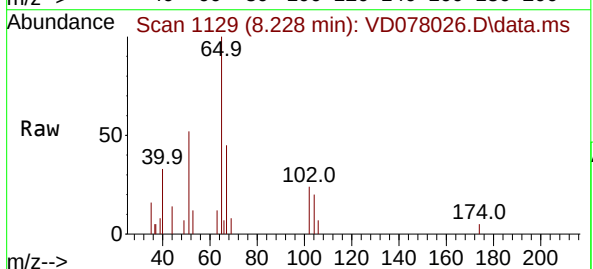
Instrument :
MSVOA_D
ClientSampleId :
PL-02-122023

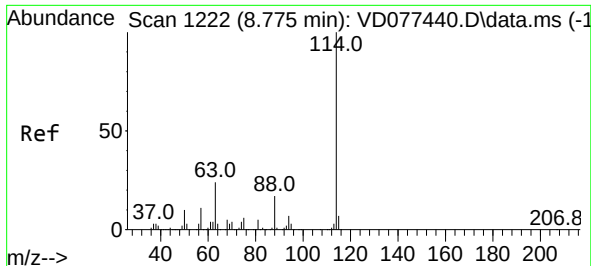
Tgt Ion:168 Resp: 11955
Ion Ratio Lower Upper
168 100
99 41.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 48.633 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078026.D
Acq: 21 Dec 2023 15:24

Tgt Ion: 65 Resp: 6851
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078026.D

Acq: 21 Dec 2023 15:24

Instrument :

MSVOA_D

ClientSampleId :

PL-02-122023

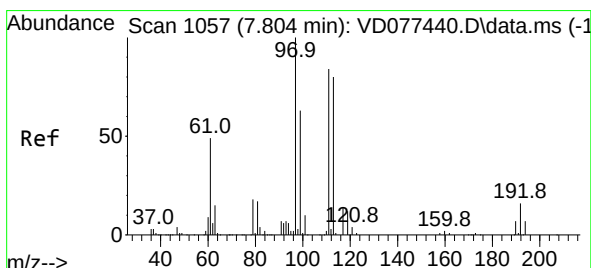
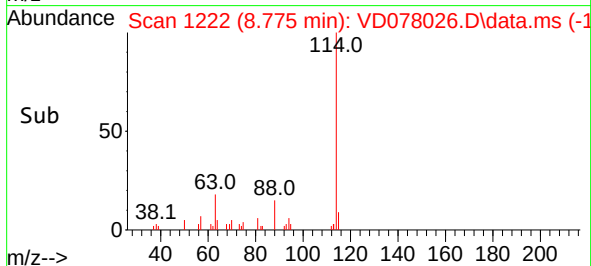
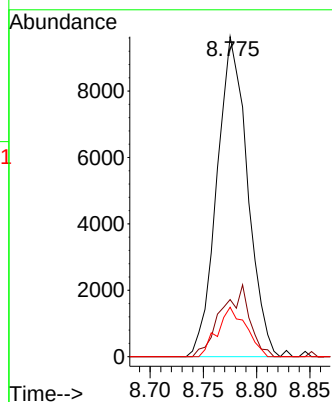
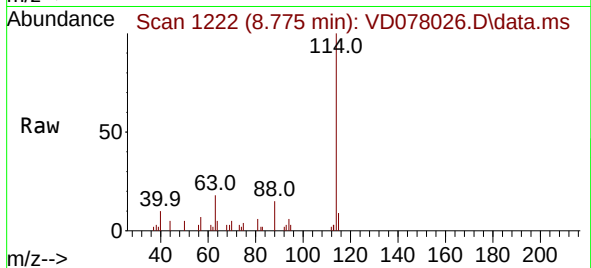
Tgt Ion:114 Resp: 19241

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.579 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078026.D

Acq: 21 Dec 2023 15:24

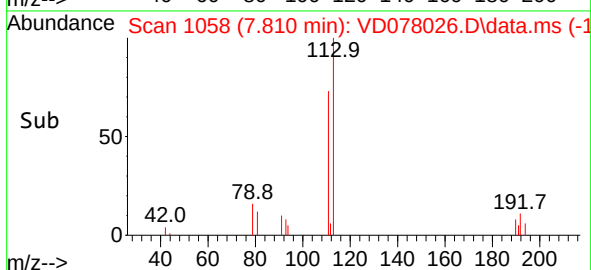
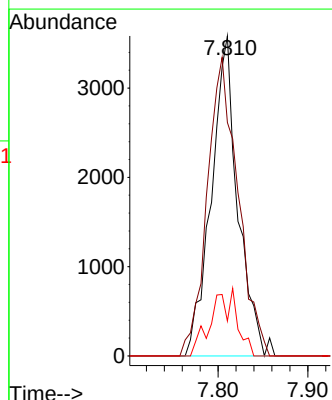
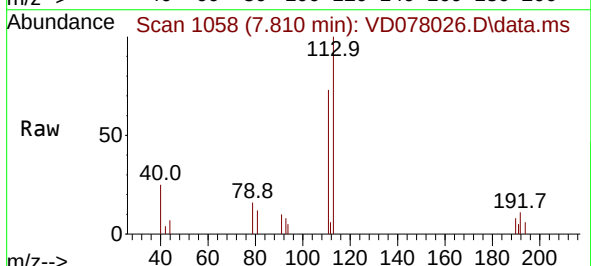
Tgt Ion:113 Resp: 7356

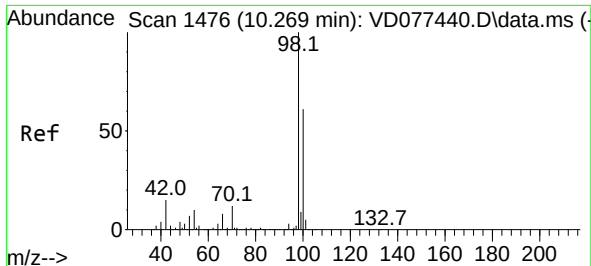
Ion Ratio Lower Upper

113 100

111 107.8 84.7 127.1

192 20.4 16.8 25.2

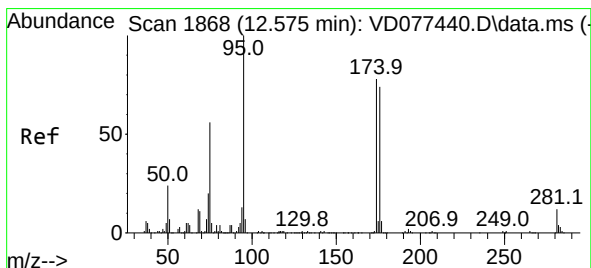
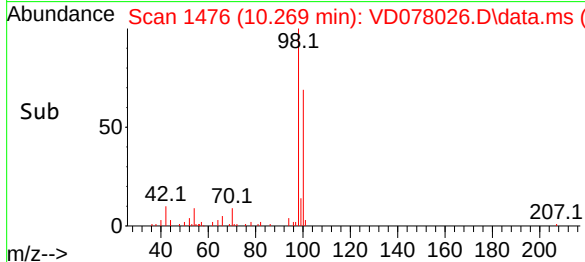
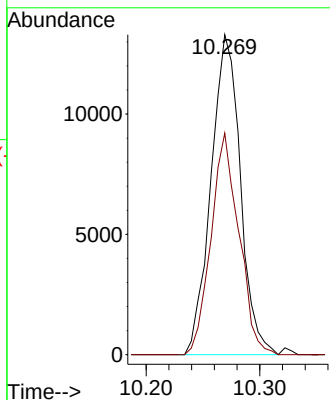
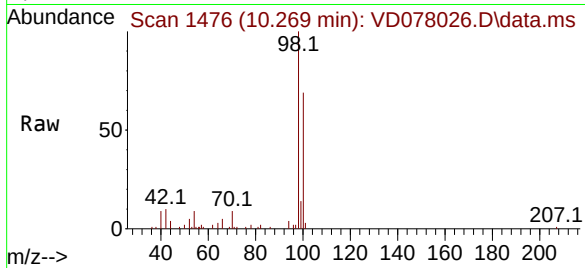




#50
Toluene-d8
Concen: 44.267 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078026.D
Acq: 21 Dec 2023 15:24

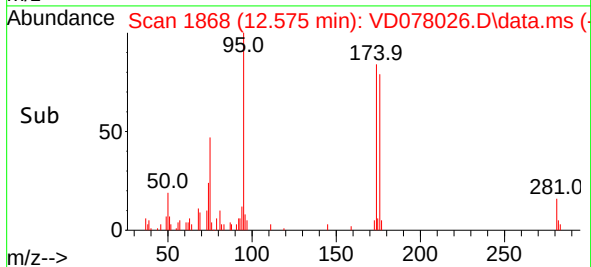
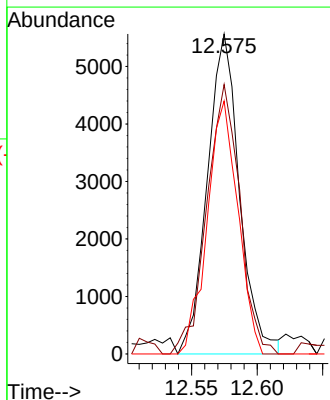
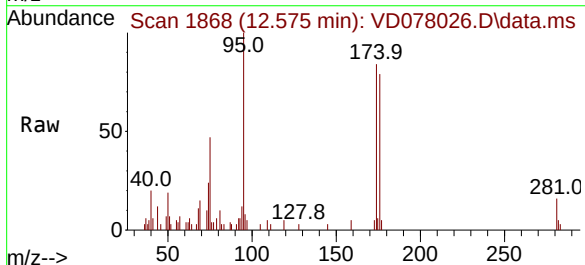
Instrument :
MSVOA_D
ClientSampleId :
PL-02-122023

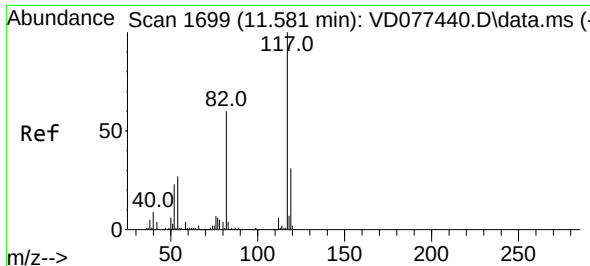
Tgt Ion: 98 Resp: 23895
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 58.946 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078026.D
Acq: 21 Dec 2023 15:24

Tgt Ion: 95 Resp: 9513
Ion Ratio Lower Upper
95 100
174 85.9 0.0 201.8
176 75.3 0.0 191.8

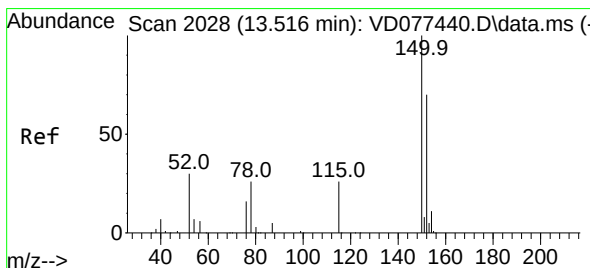
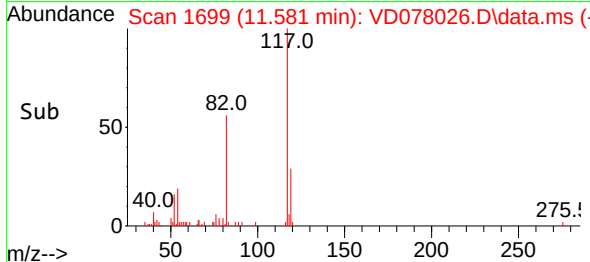
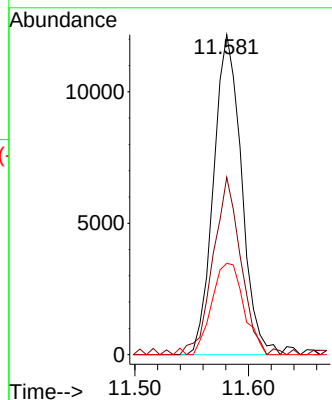
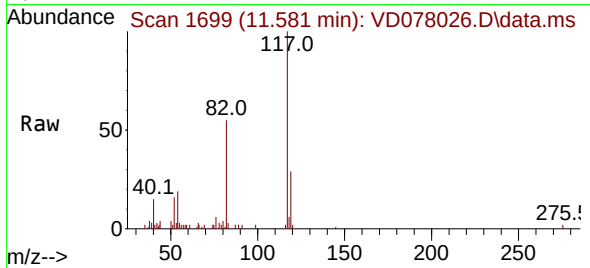




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078026.D
Acq: 21 Dec 2023 15:24

Instrument :
MSVOA_D
ClientSampleId :
PL-02-122023

Tgt Ion:	117	Resp:	20785
Ion	Ratio	Lower	Upper
117	100		
82	55.4	38.3	57.5
119	28.6	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078026.D
Acq: 21 Dec 2023 15:24

Tgt Ion:	152	Resp:	9197
Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.1	81.3
150	158.1	0.0	353.6

