

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079547.D
 Acq On : 02 Aug 2024 17:30
 Operator : RP/MD
 Sample : P3414-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-07312024-A

Quant Time: Aug 02 19:01:58 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	7.875	168	211830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	365105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105361	48.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.805	113	113813	46.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.120%
50) Toluene-d8	10.269	98	402718	41.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.920%
62) 4-Bromofluorobenzene	12.569	95	107131	38.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.160%

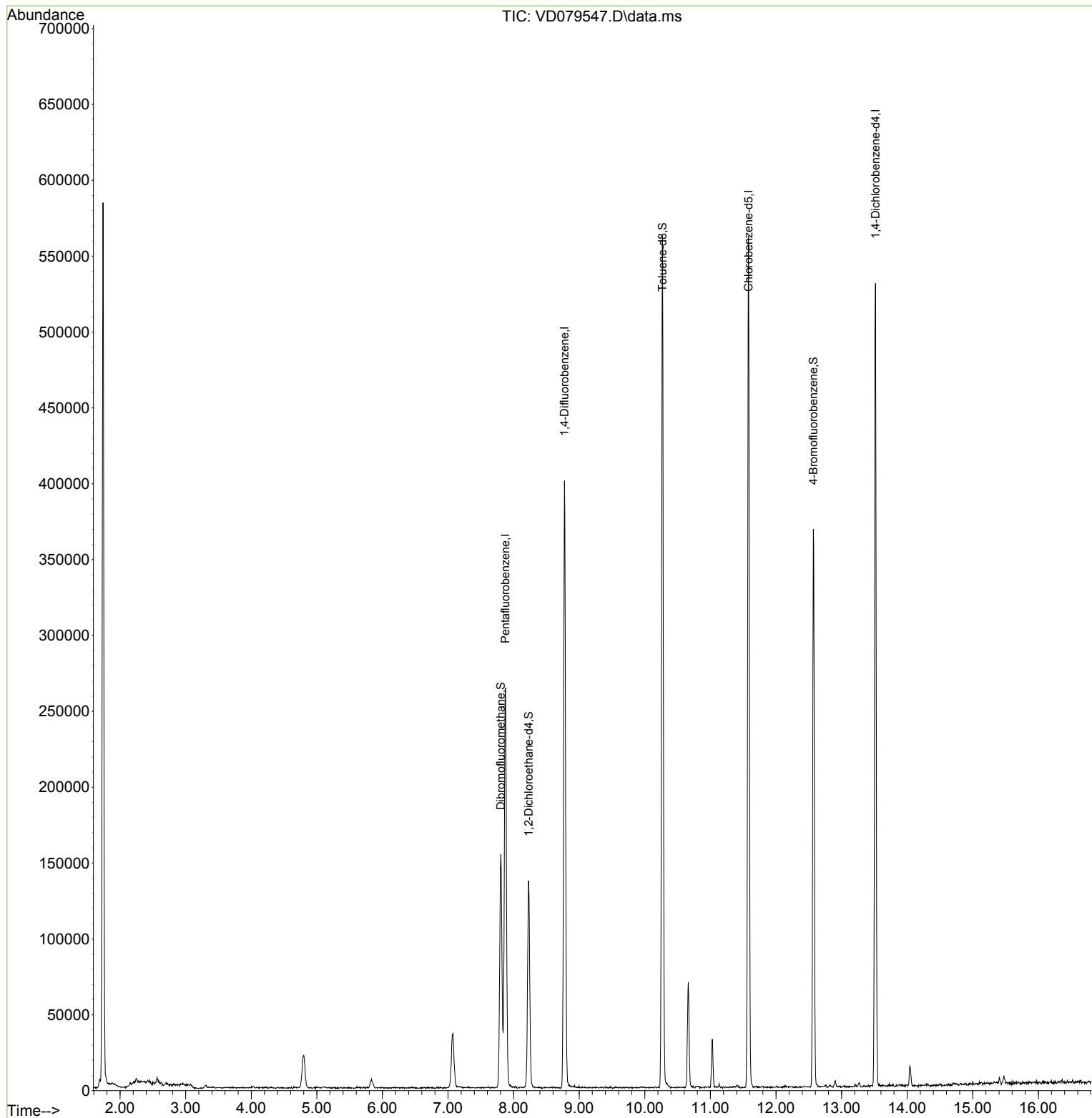
Target Compounds	Qvalue

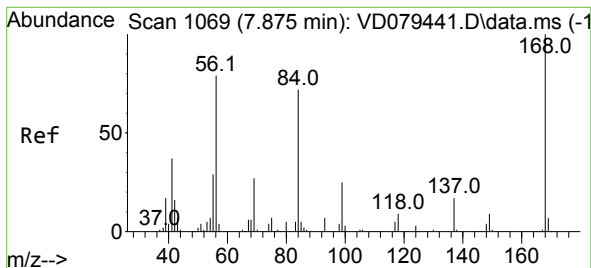
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079547.D
Acq On : 02 Aug 2024 17:30
Operator : RP/MD
Sample : P3414-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PL-02-07312024-A

Quant Time: Aug 02 19:01:58 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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079547.D

Acq: 02 Aug 2024 17:30

Instrument :

MSVOA_D

ClientSampleId :

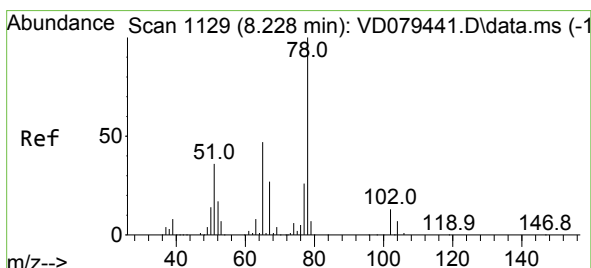
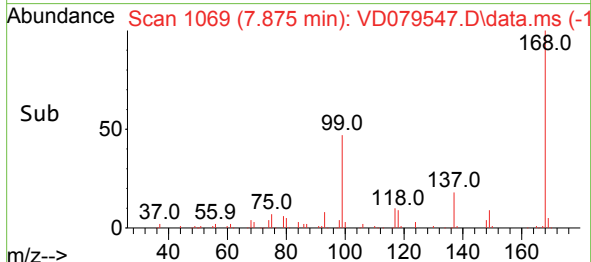
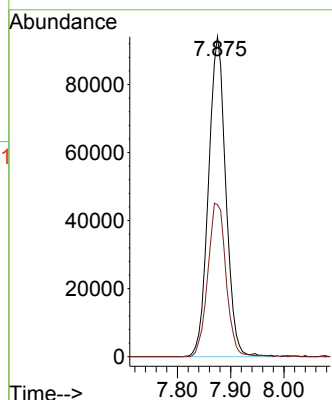
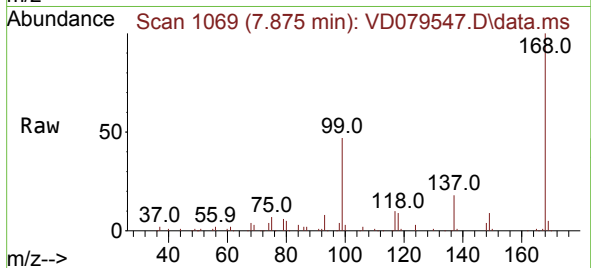
PL-02-07312024-A

Tgt Ion:168 Resp: 211830

Ion Ratio Lower Upper

168 100

99 47.5 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 48.960 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079547.D

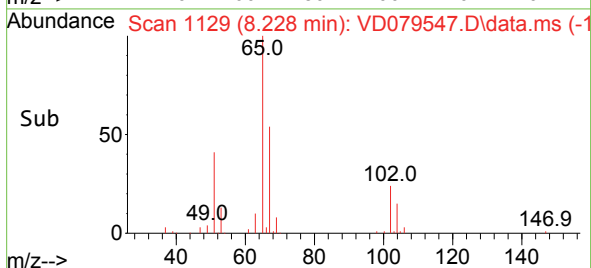
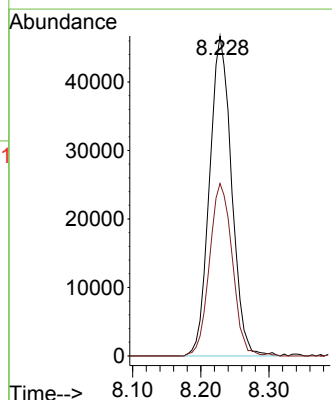
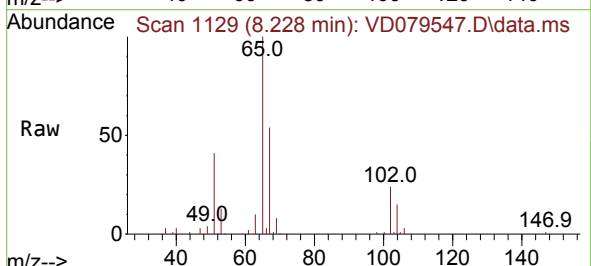
Acq: 02 Aug 2024 17:30

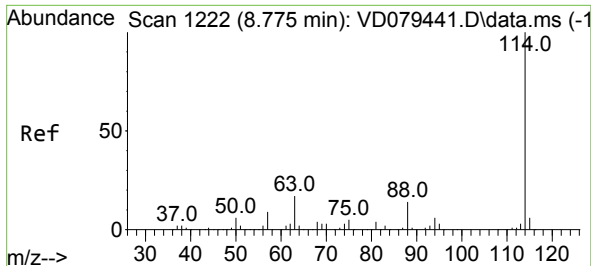
Tgt Ion: 65 Resp: 105361

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079547.D

Acq: 02 Aug 2024 17:30

Instrument :

MSVOA_D

ClientSampleId :

PL-02-07312024-A

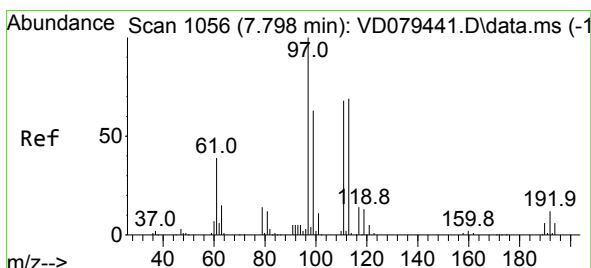
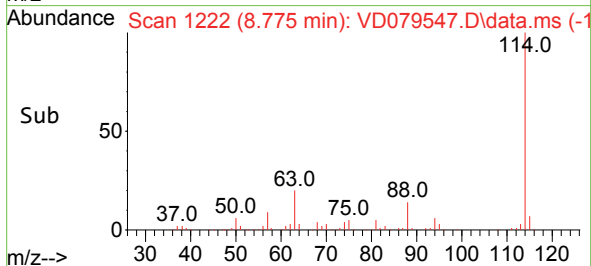
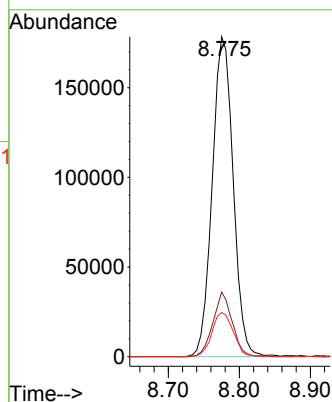
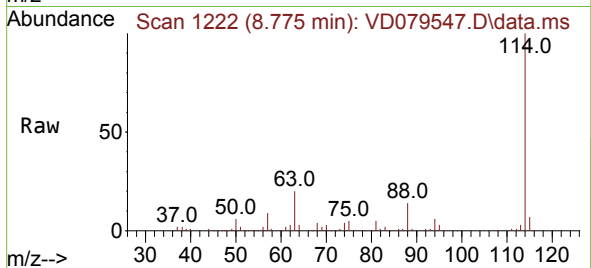
Tgt Ion:114 Resp: 365105

Ion Ratio Lower Upper

114 100

63 20.1 0.0 34.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.056 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079547.D

Acq: 02 Aug 2024 17:30

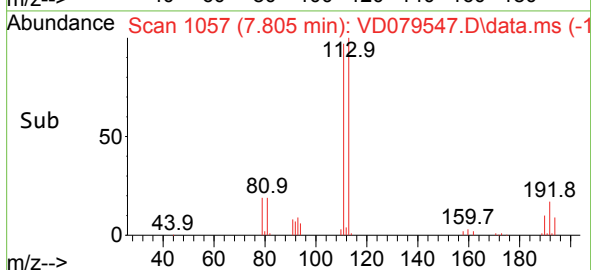
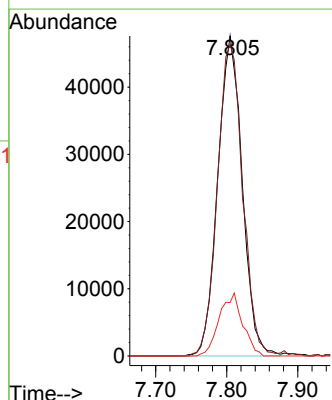
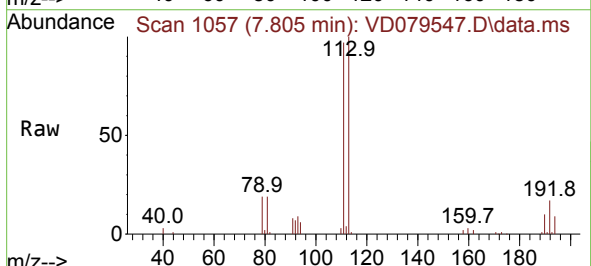
Tgt Ion:113 Resp: 113813

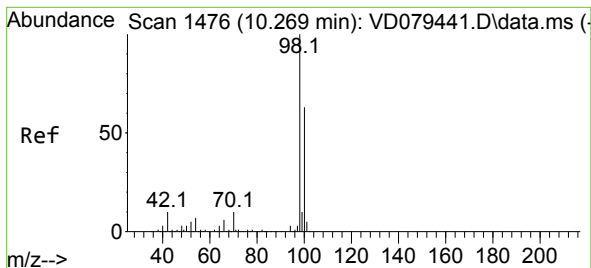
Ion Ratio Lower Upper

113 100

111 100.2 84.0 126.0

192 18.8 15.4 23.0

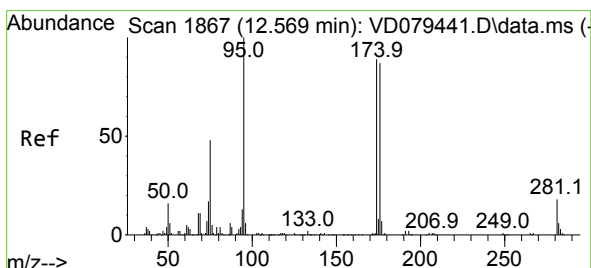
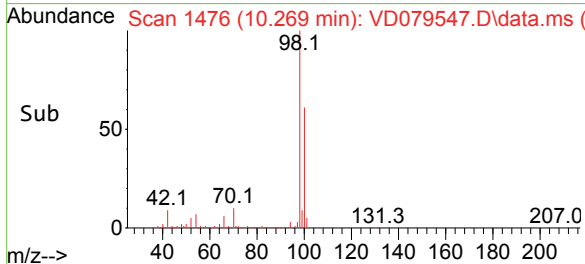
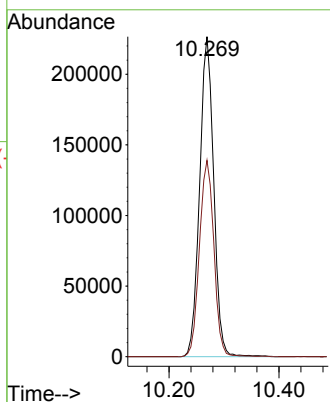
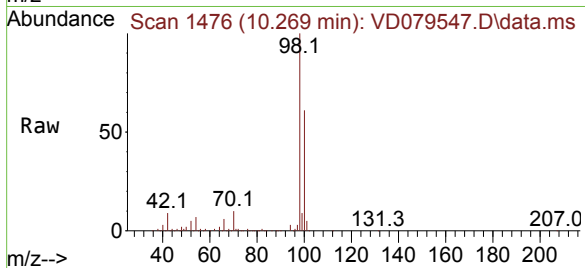




#50
Toluene-d8
Concen: 41.965 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079547.D
Acq: 02 Aug 2024 17:30

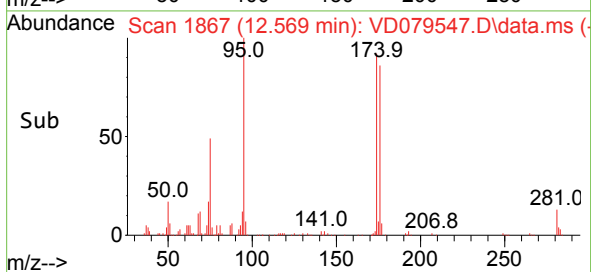
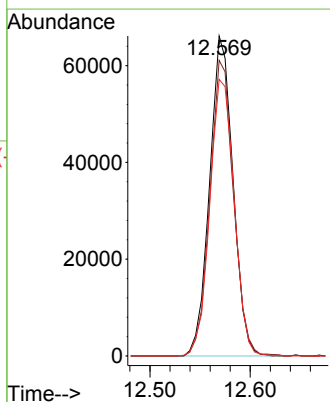
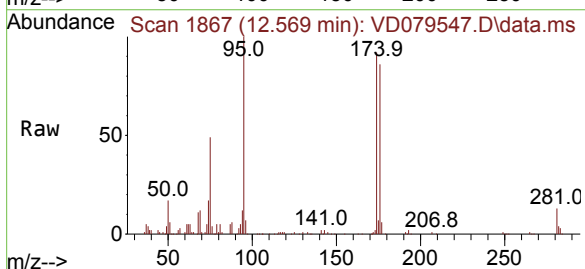
Instrument :
MSVOA_D
ClientSampleId :
PL-02-07312024-A

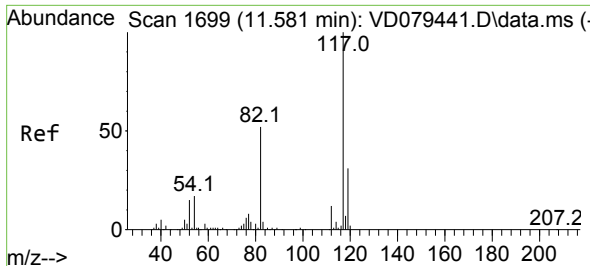
Tgt Ion: 98 Resp: 402718
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.577 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079547.D
Acq: 02 Aug 2024 17:30

Tgt Ion: 95 Resp: 107131
Ion Ratio Lower Upper
95 100
174 93.3 0.0 195.4
176 90.1 0.0 192.6

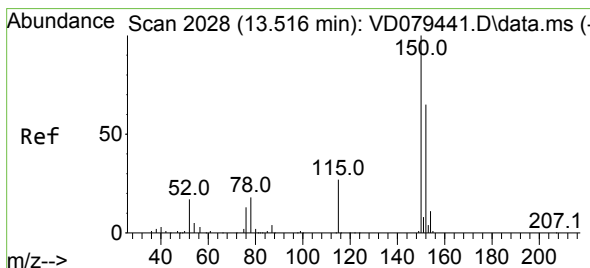
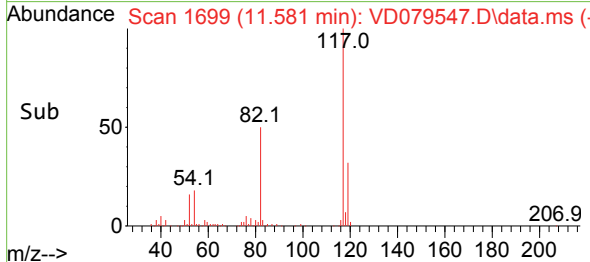
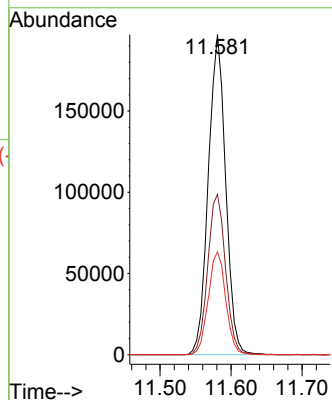
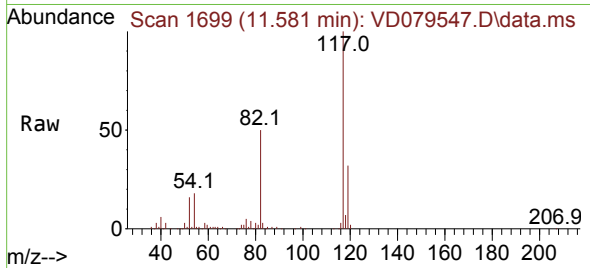




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079547.D
Acq: 02 Aug 2024 17:30

Instrument :
MSVOA_D
ClientSampleId :
PL-02-07312024-A

Tgt Ion:117 Resp: 334240
Ion Ratio Lower Upper
117 100
82 50.2 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# 2028
Delta R.T. 0.006 min
Lab File: VD079547.D
Acq: 02 Aug 2024 17:30

Tgt Ion:152 Resp: 151788
Ion Ratio Lower Upper
152 100
115 55.5 26.5 79.5
150 155.4 0.0 341.6

