

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079471.D
 Acq On : 30 Jul 2024 23:39
 Operator : RP/MD
 Sample : VD0730SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL02

Quant Time: Jul 31 01:59:18 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	156058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	282052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95659	60.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.680%
35) Dibromofluoromethane	7.804	113	107476	56.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.600%
50) Toluene-d8	10.269	98	322955	43.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.120%
62) 4-Bromofluorobenzene	12.569	95	104097	48.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.040%

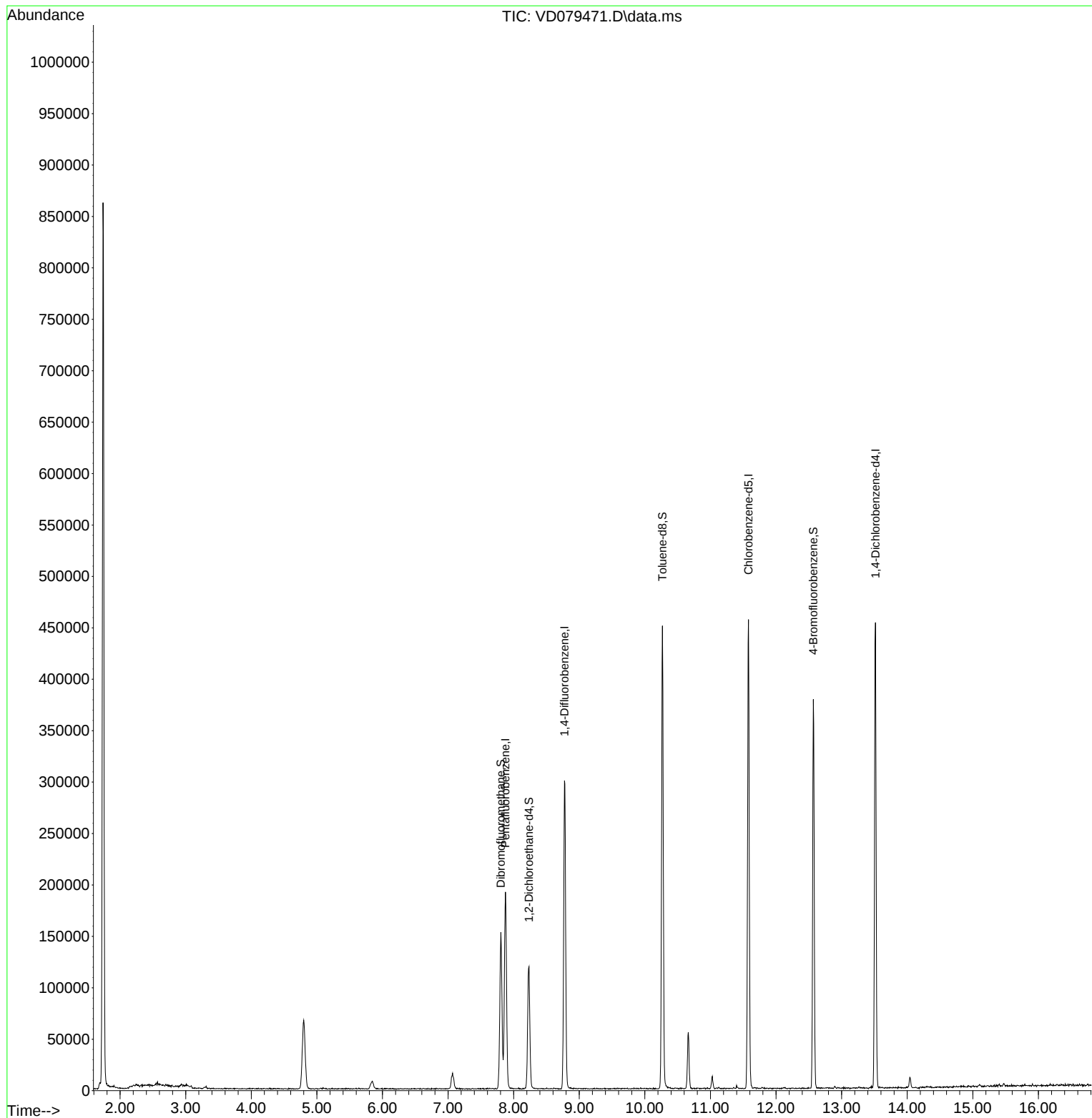
Target Compounds	Qvalue

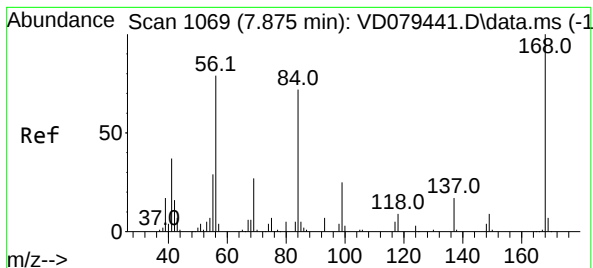
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
Data File : VD079471.D
Acq On : 30 Jul 2024 23:39
Operator : RP/MD
Sample : VD0730SBL02
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL02

Quant Time: Jul 31 01:59:18 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

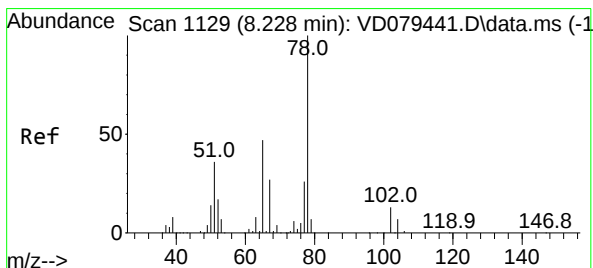
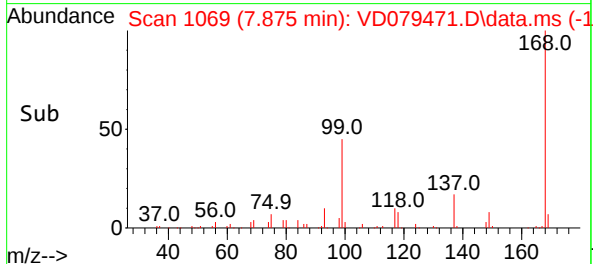
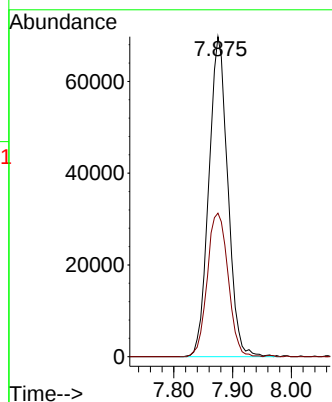
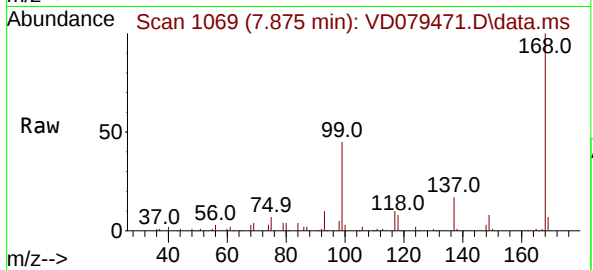




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079471.D
Acq: 30 Jul 2024 23:39

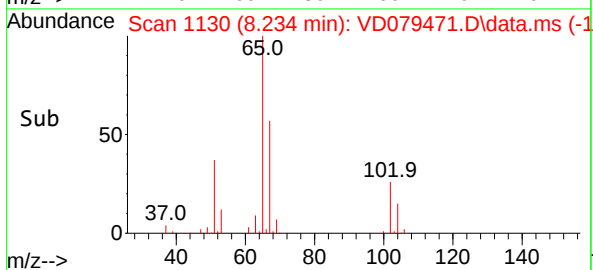
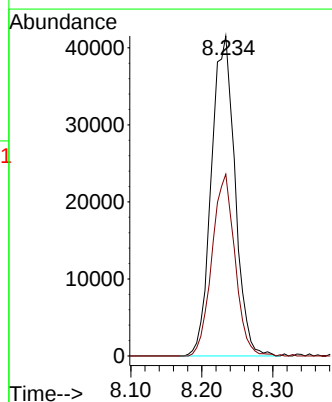
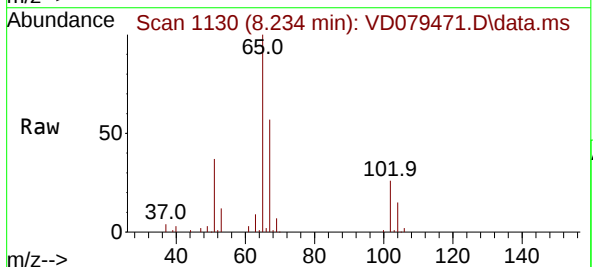
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL02

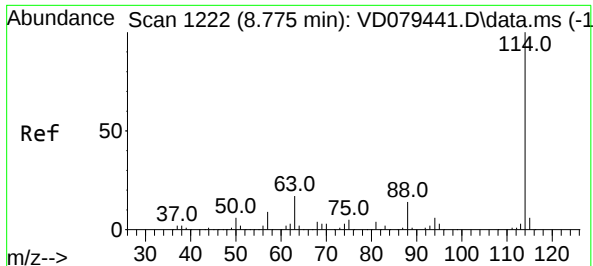
Tgt Ion:168 Resp: 156058
Ion Ratio Lower Upper
168 100
99 44.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 60.337 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079471.D
Acq: 30 Jul 2024 23:39

Tgt Ion: 65 Resp: 95659
Ion Ratio Lower Upper
65 100
67 55.4 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: VD079471.D

Acq: 30 Jul 2024 23:39

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL02

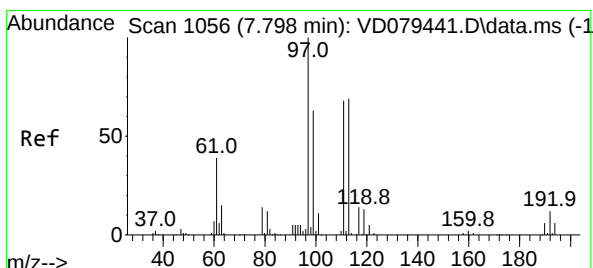
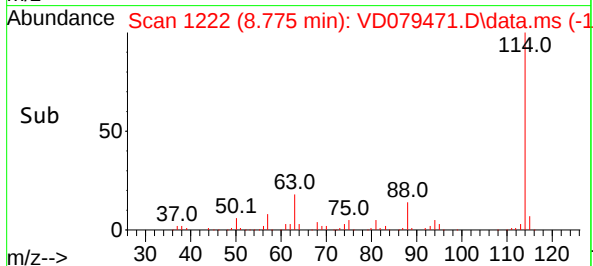
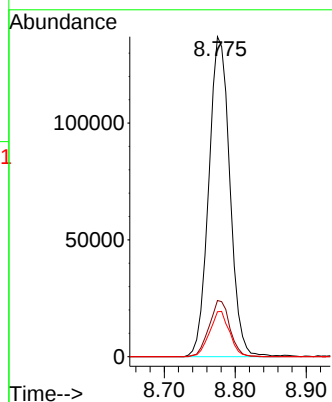
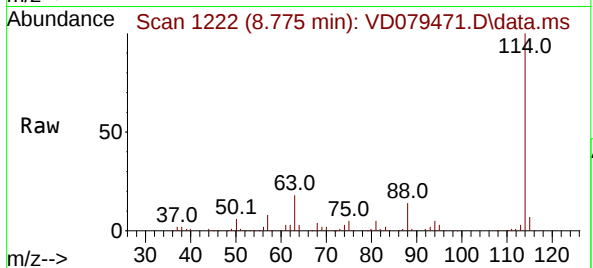
Tgt Ion:114 Resp: 282052

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.298 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079471.D

Acq: 30 Jul 2024 23:39

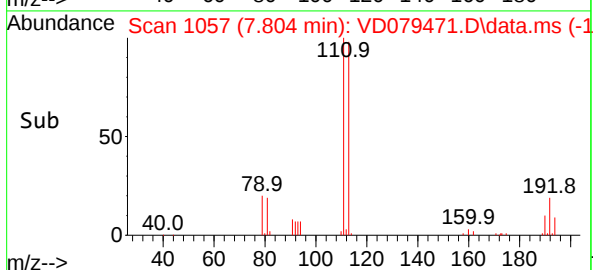
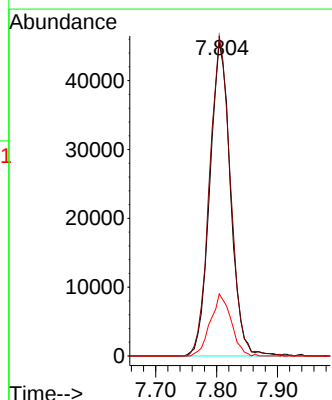
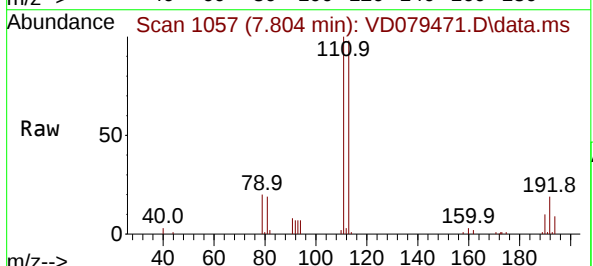
Tgt Ion:113 Resp: 107476

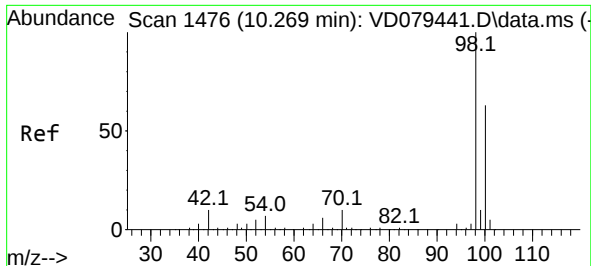
Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

192 19.8 15.4 23.0

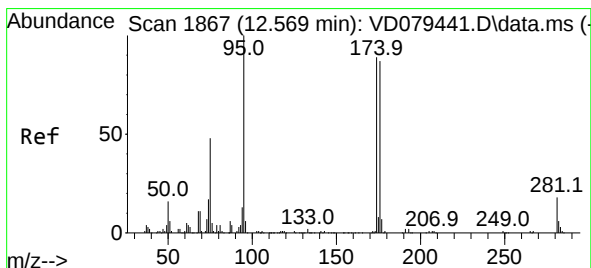
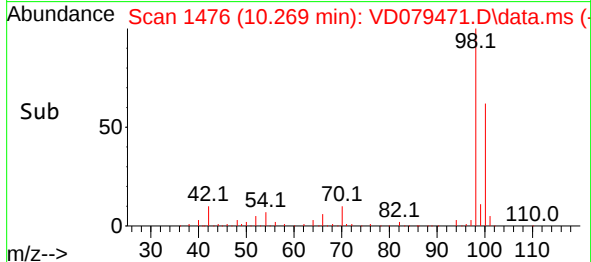
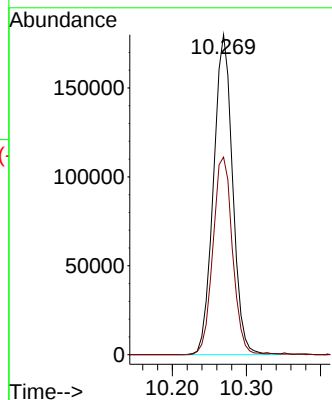
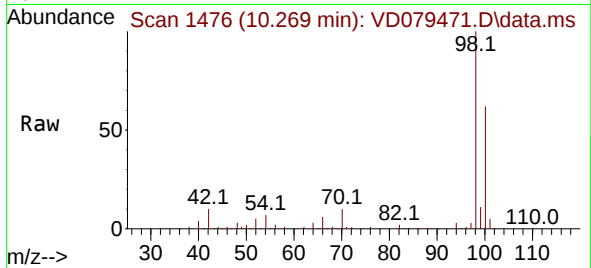




#50
Toluene-d8
Concen: 43.563 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079471.D
Acq: 30 Jul 2024 23:39

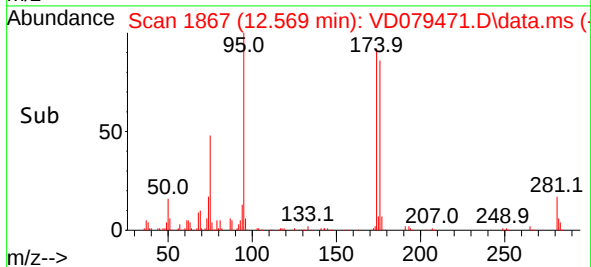
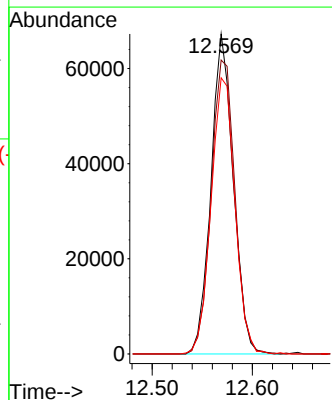
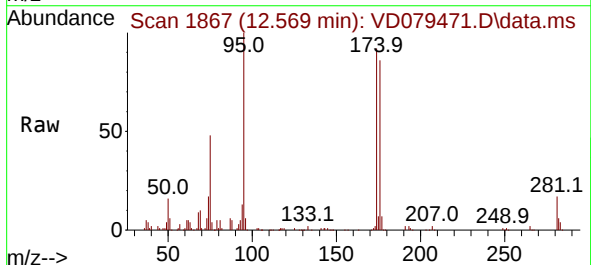
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL02

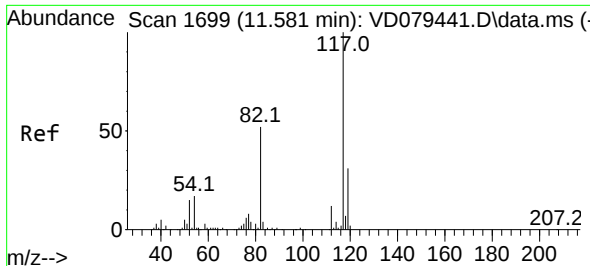
Tgt Ion: 98 Resp: 322955
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.522 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079471.D
Acq: 30 Jul 2024 23:39

Tgt Ion: 95 Resp: 104097
Ion Ratio Lower Upper
95 100
174 97.8 0.0 195.4
176 92.0 0.0 192.6

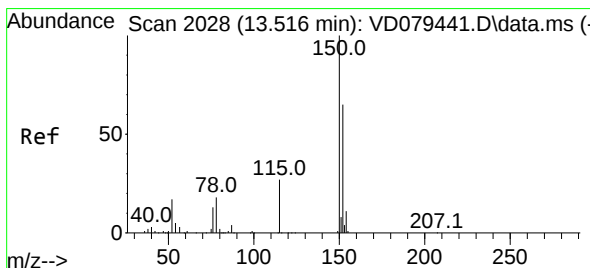
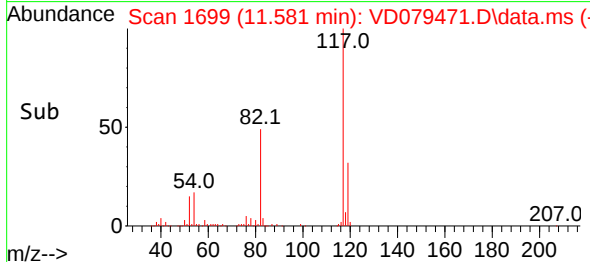
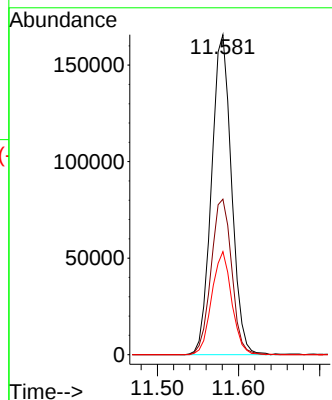
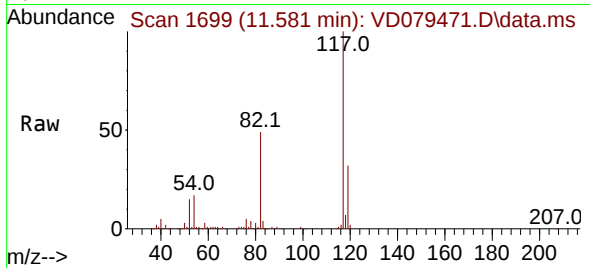




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079471.D
Acq: 30 Jul 2024 23:39

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL02

Tgt Ion:117 Resp: 283632
Ion Ratio Lower Upper
117 100
82 48.6 39.8 59.6
119 32.2 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: VD079471.D
Acq: 30 Jul 2024 23:39

Tgt Ion:152 Resp: 133507
Ion Ratio Lower Upper
152 100
115 54.4 26.5 79.5
150 155.3 0.0 341.6

