

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077396.D
 Acq On : 24 Oct 2023 15:54
 Operator : JC/SY
 Sample : 05012-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-10232023

Quant Time: Oct 25 04:06:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	252108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64386	54.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.200%
35) Dibromofluoromethane	7.805	113	77919	43.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.269	98	208180	32.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.640%
62) 4-Bromofluorobenzene	12.575	95	47705	26.127	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.260%

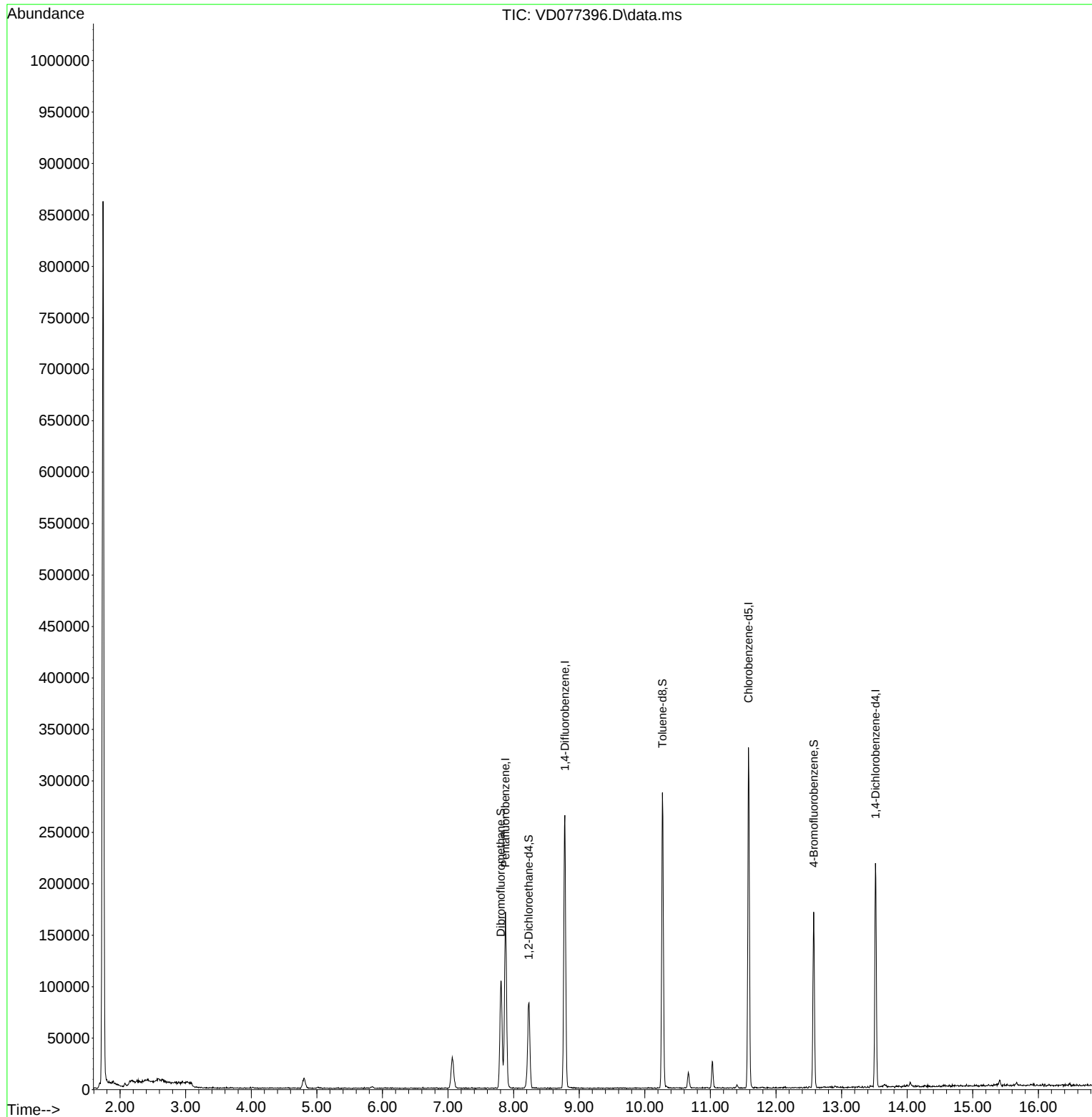
Target Compounds	Qvalue

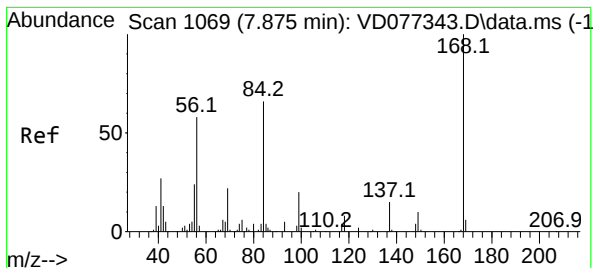
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077396.D
Acq On : 24 Oct 2023 15:54
Operator : JC/SY
Sample : 05012-01
Misc : 5.04G/5.0ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-10232023

Quant Time: Oct 25 04:06:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD077396.D

Acq: 24 Oct 2023 15:54

Instrument :

MSVOA_D

ClientSampleId :

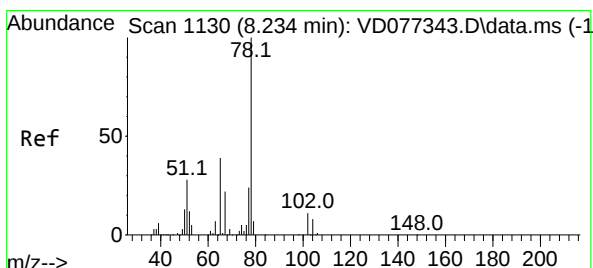
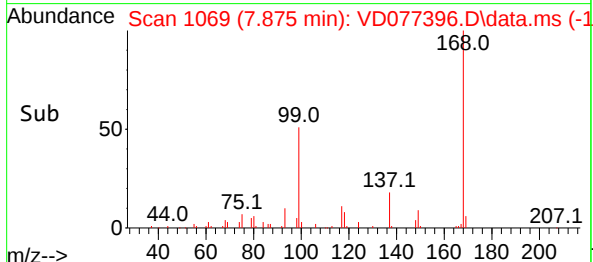
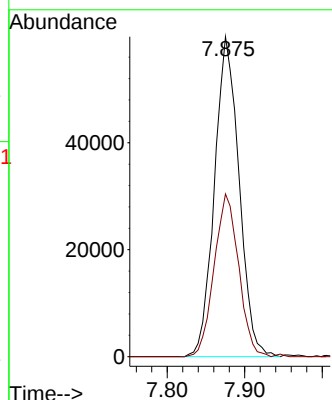
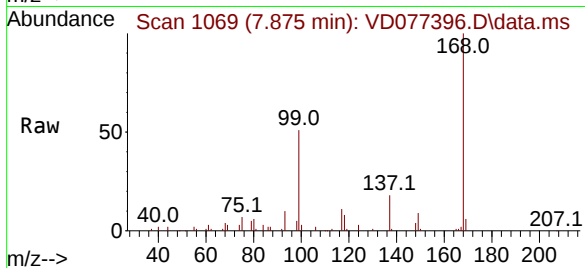
BU-03-10232023

Tgt Ion:168 Resp: 132060

Ion Ratio Lower Upper

168 100

99 50.9 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 54.601 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077396.D

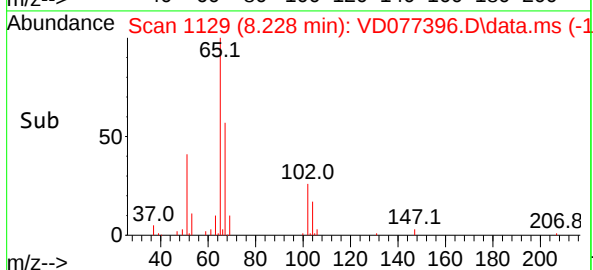
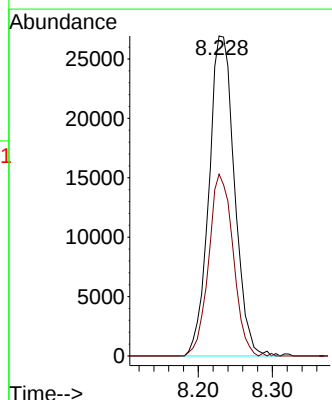
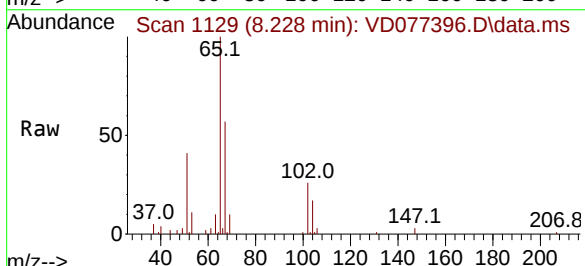
Acq: 24 Oct 2023 15:54

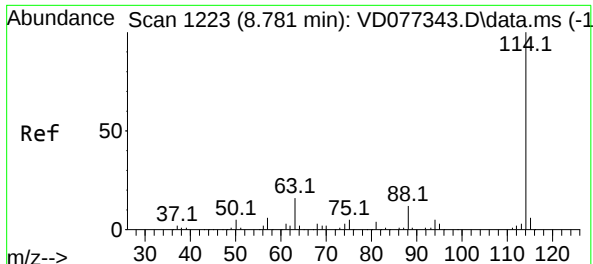
Tgt Ion: 65 Resp: 64386

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0

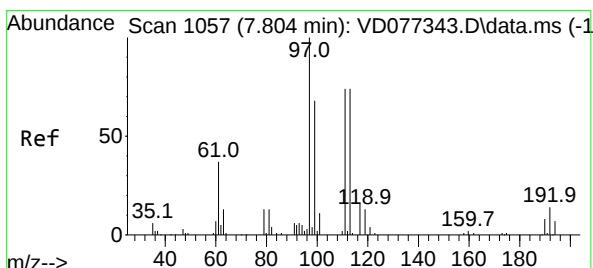
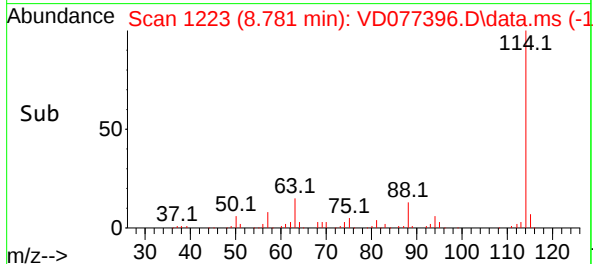
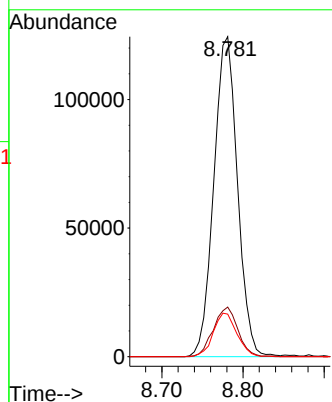
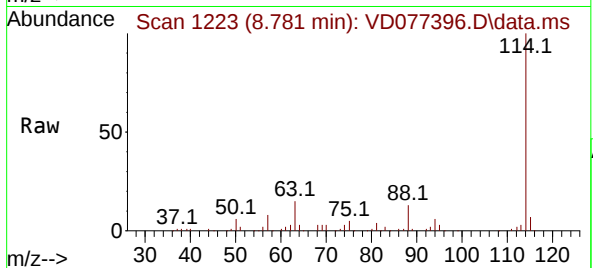




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077396.D
Acq: 24 Oct 2023 15:54

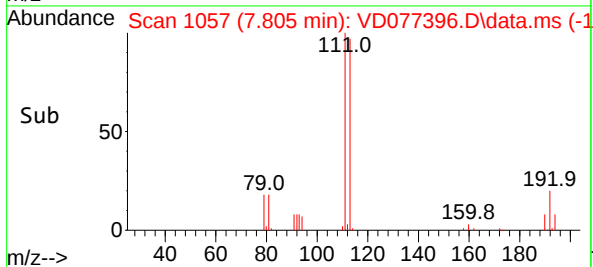
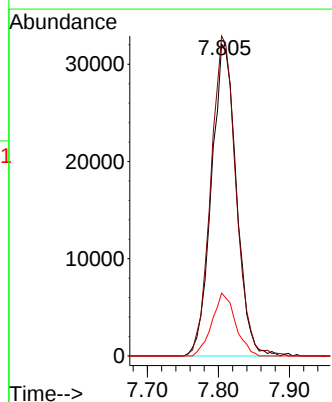
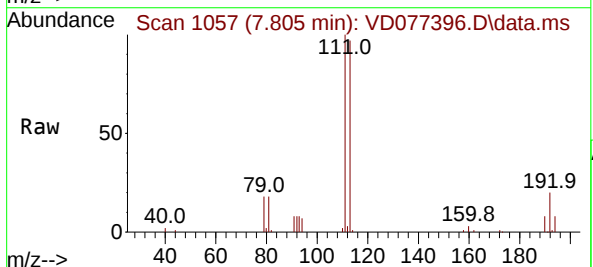
Instrument :
MSVOA_D
ClientSampleId :
BU-03-10232023

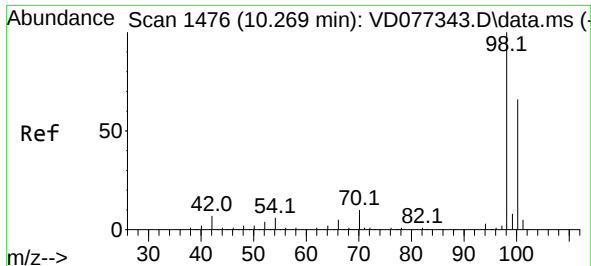
Tgt Ion:114 Resp: 252108
Ion Ratio Lower Upper
114 100
63 15.5 0.0 33.4
88 13.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.993 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077396.D
Acq: 24 Oct 2023 15:54

Tgt Ion:113 Resp: 77919
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 19.0 16.8 25.2

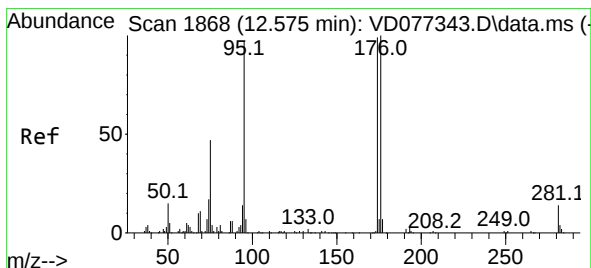
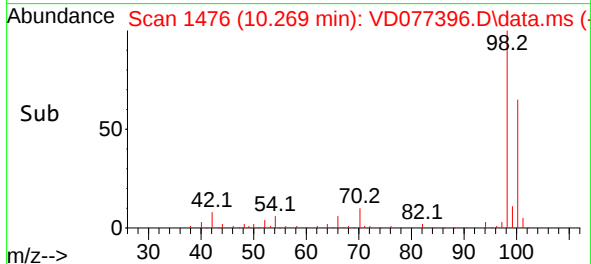
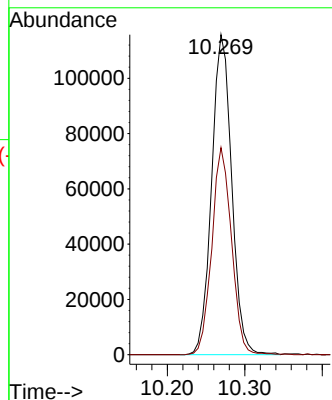
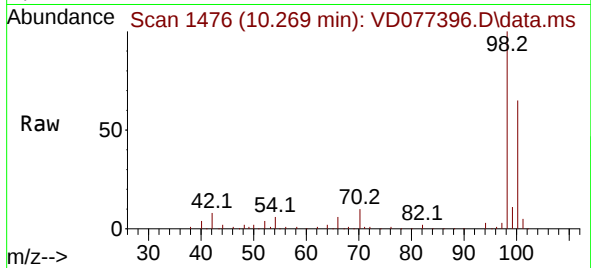




#50
Toluene-d8
Concen: 32.820 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077396.D
Acq: 24 Oct 2023 15:54

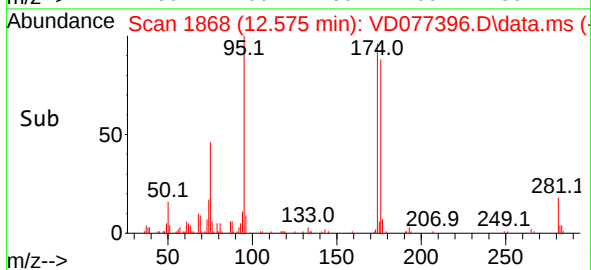
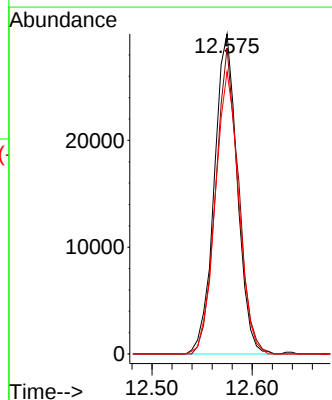
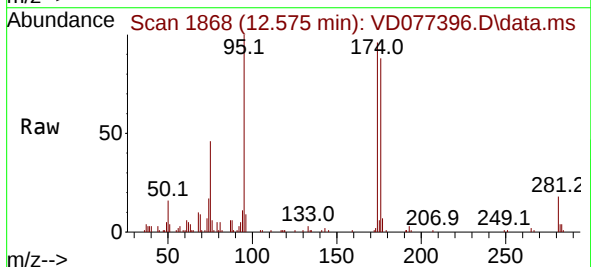
Instrument :
MSVOA_D
ClientSampleId :
BU-03-10232023

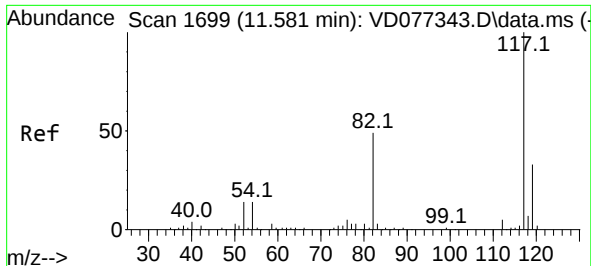
Tgt Ion: 98 Resp: 208180
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 26.127 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077396.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 95 Resp: 47705
Ion Ratio Lower Upper
95 100
174 94.6 0.0 201.8
176 90.6 0.0 191.8

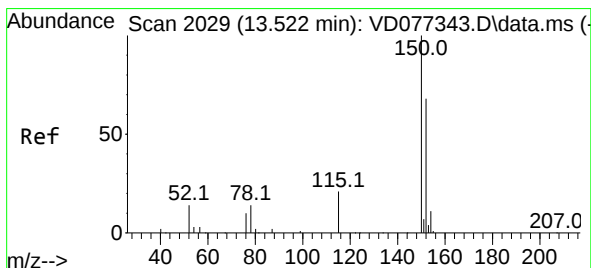
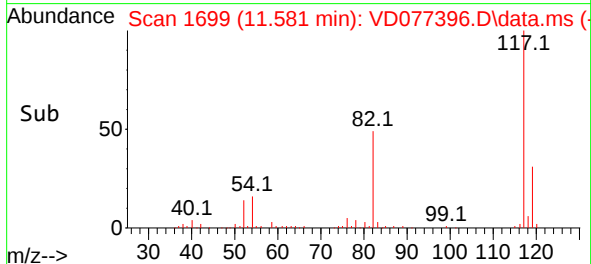
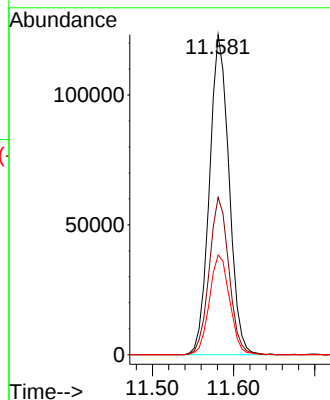
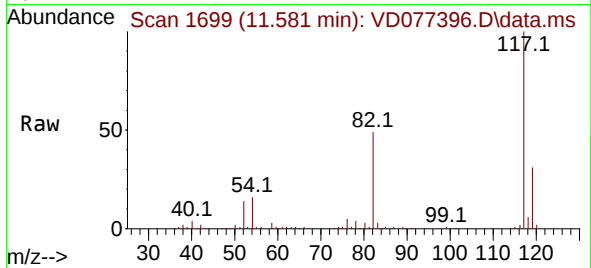




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077396.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_D
ClientSampleId :
BU-03-10232023

Tgt Ion:117 Resp: 206088
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077396.D
Acq: 24 Oct 2023 15:54

Tgt Ion:152 Resp: 62051
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 157.0 0.0 353.6

