

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074568.D
 Acq On : 18 Oct 2022 16:34
 Operator : VA/SY
 Sample : N5172-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-101722

Quant Time: Oct 19 02:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	100117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	159757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	144409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47665	55.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.620%
35) Dibromofluoromethane	7.811	113	58368	61.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.540%
50) Toluene-d8	10.269	98	199984	54.520	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.575	95	55188	49.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.040%

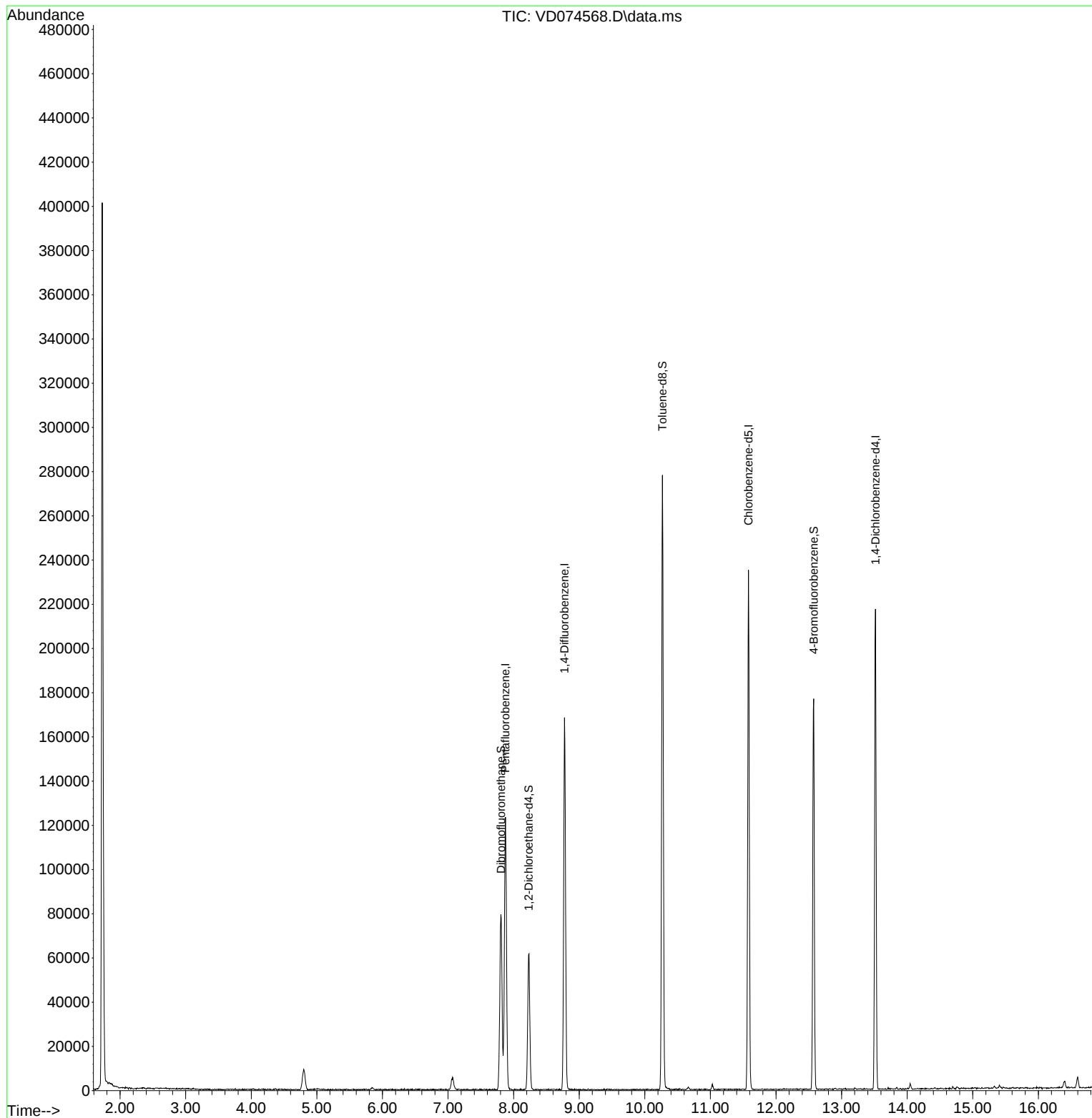
Target Compounds	Qvalue

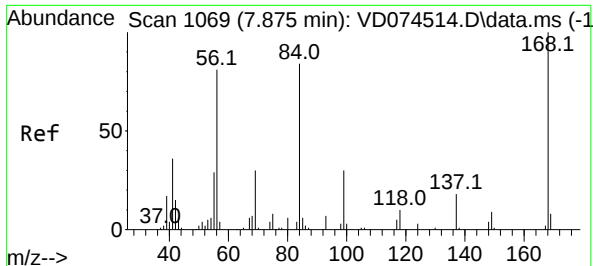
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
Data File : VD074568.D
Acq On : 18 Oct 2022 16:34
Operator : VA/SY
Sample : N5172-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

Quant Time: Oct 19 02:46:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

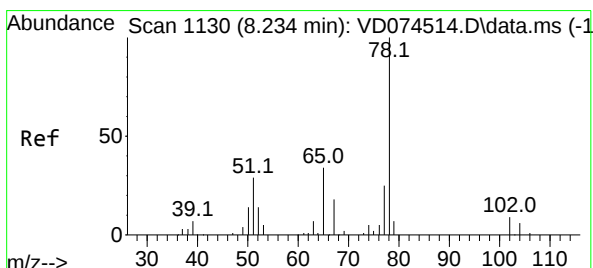
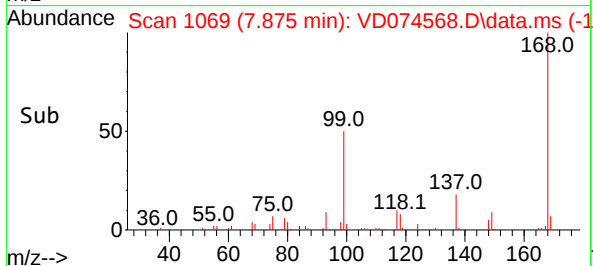
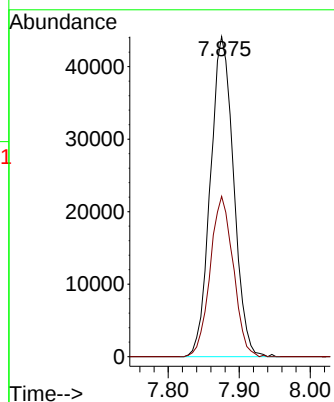
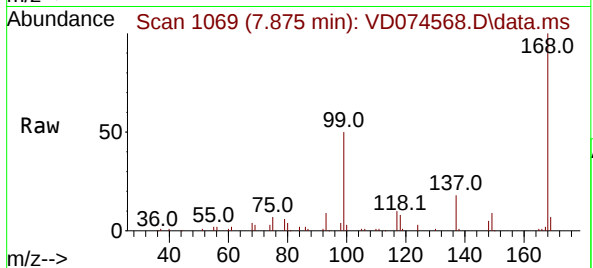




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

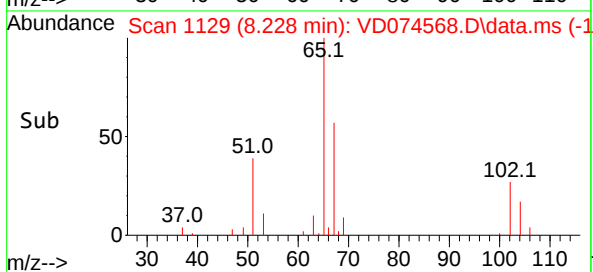
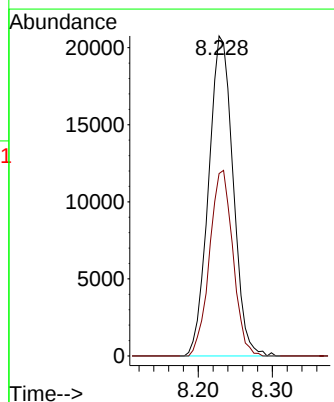
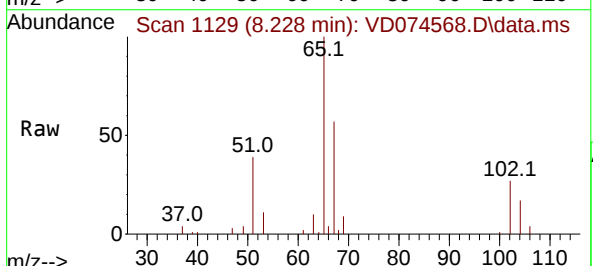
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

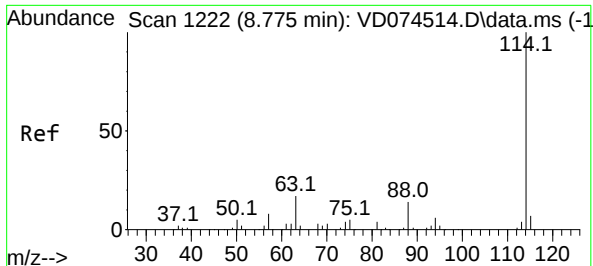
Tgt Ion:168 Resp: 100117
Ion Ratio Lower Upper
168 100
99 50.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 55.311 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion: 65 Resp: 47665
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074568.D

Acq: 18 Oct 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

BU-02-101722

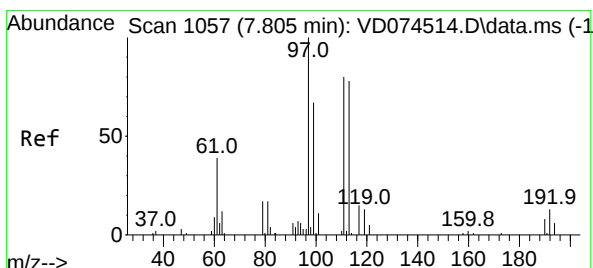
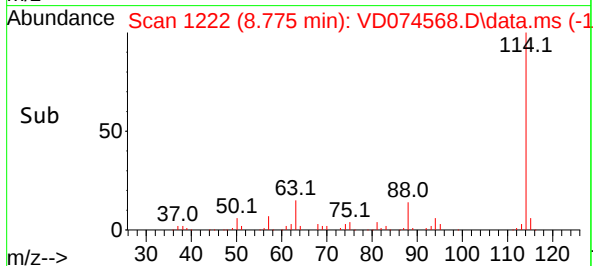
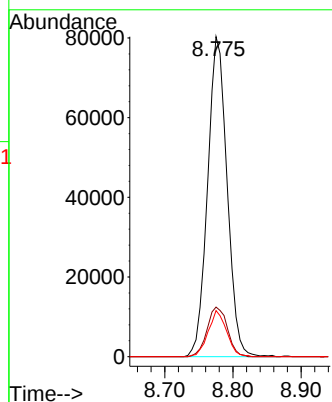
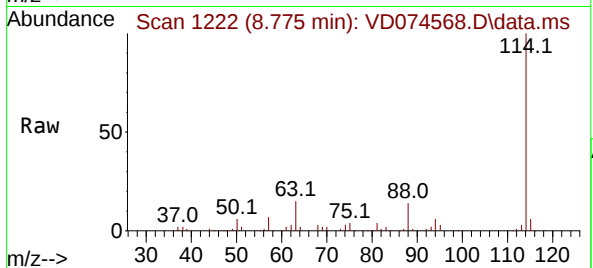
Tgt Ion:114 Resp: 159757

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.275 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD074568.D

Acq: 18 Oct 2022 16:34

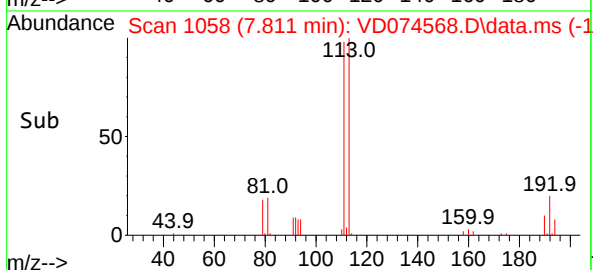
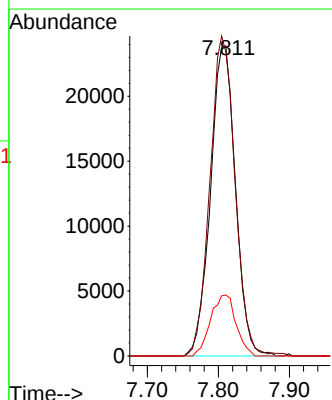
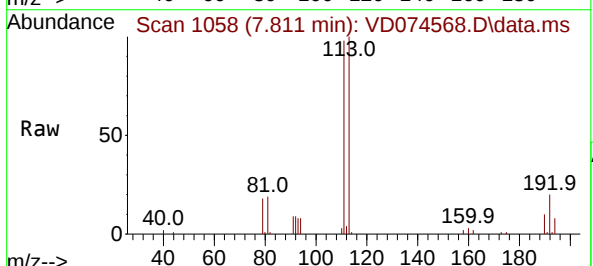
Tgt Ion:113 Resp: 58368

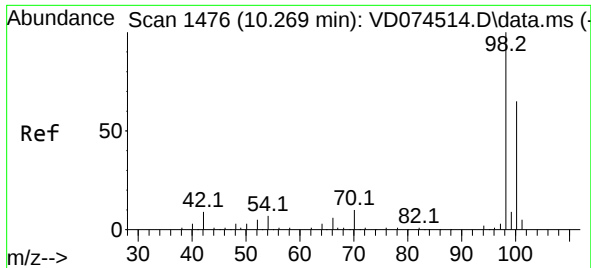
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 20.0 16.4 24.6

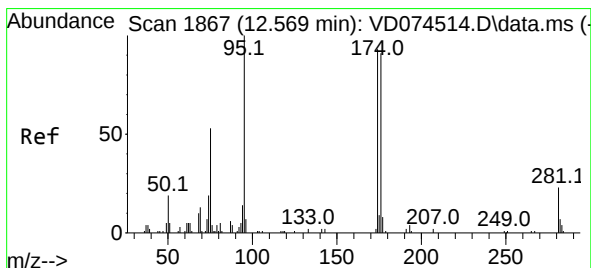
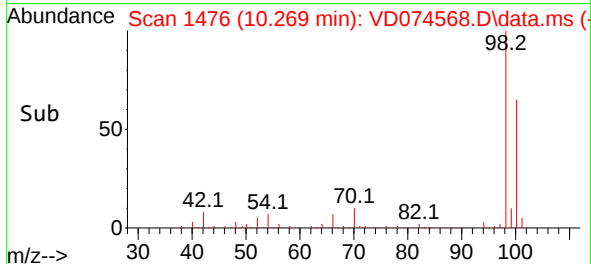
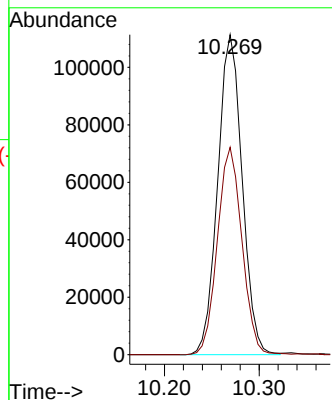
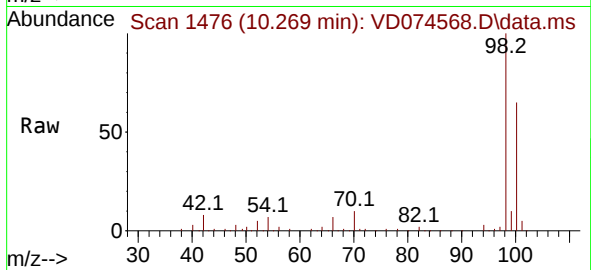




#50
Toluene-d8
Concen: 54.520 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

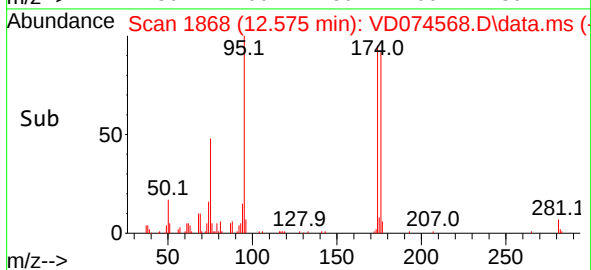
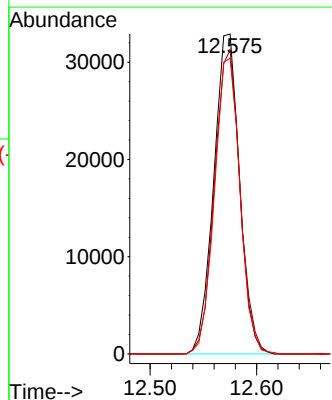
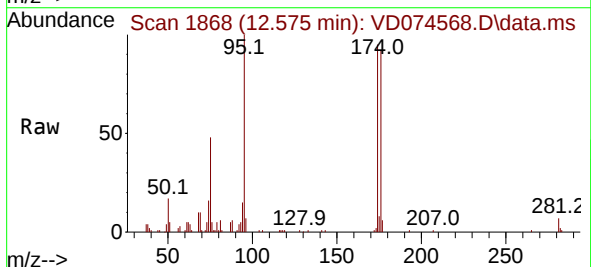
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

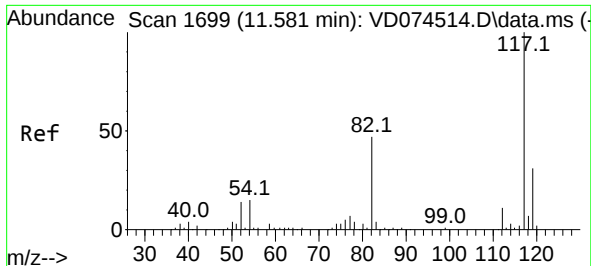
Tgt Ion: 98 Resp: 199984
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion: 95 Resp: 55188
Ion Ratio Lower Upper
95 100
174 94.6 0.0 197.0
176 91.3 0.0 182.6

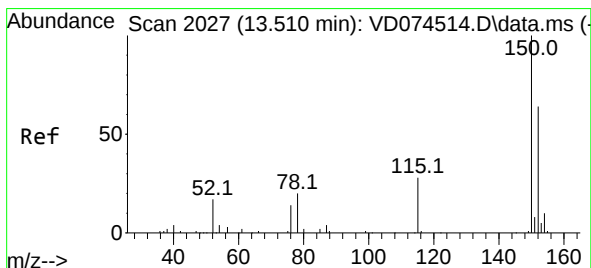
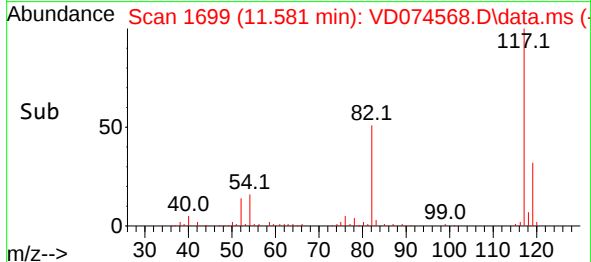
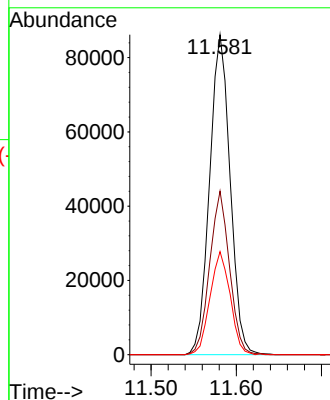
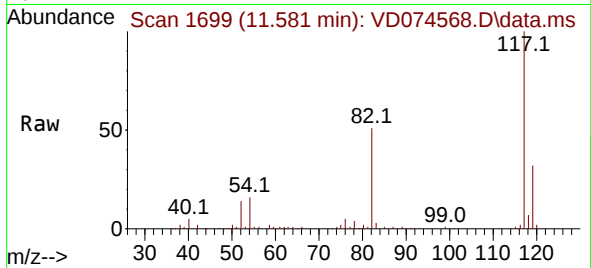




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

Tgt Ion:117 Resp: 144409
Ion Ratio Lower Upper
117 100
82 51.1 41.6 62.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion:152 Resp: 61406
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 163.1 0.0 348.2

