

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075505.D
 Acq On : 13 Mar 2023 12:38
 Operator : KP/SY
 Sample : VD0313SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBL01

Quant Time: Mar 14 05:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	100969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	182209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	68639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52797	57.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.810	113	63649	51.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.269	98	241495	48.985	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.575	95	63560	44.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.200%

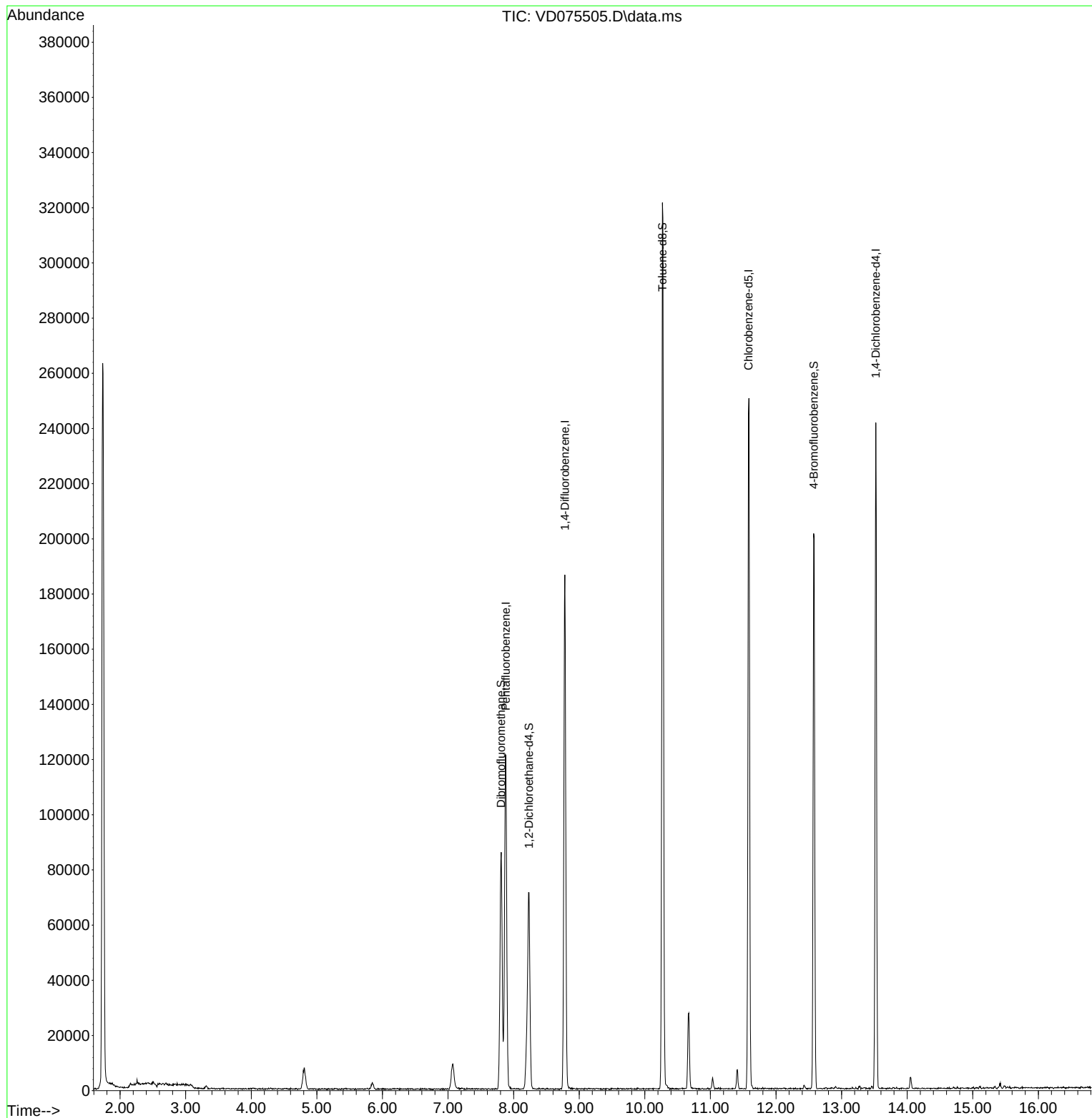
Target Compounds	Qvalue

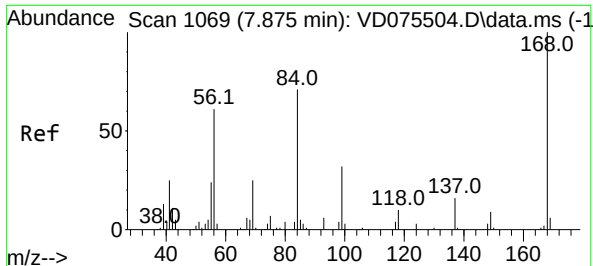
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
Data File : VD075505.D
Acq On : 13 Mar 2023 12:38
Operator : KP/SY
Sample : VD0313SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

Quant Time: Mar 14 05:56:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

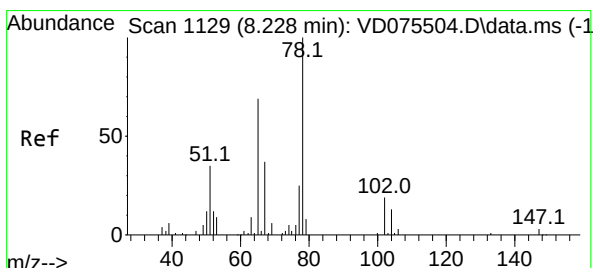
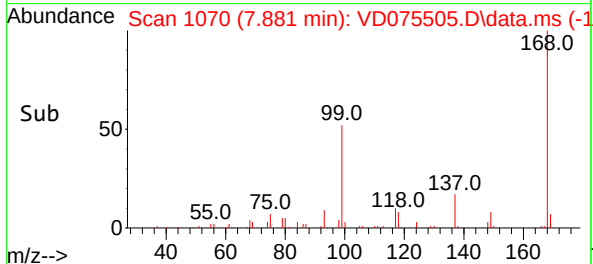
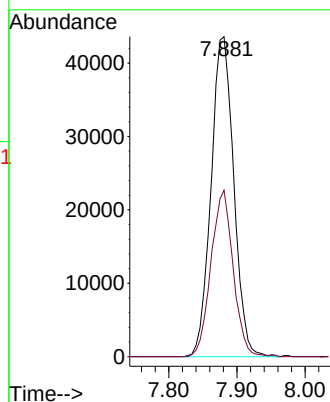
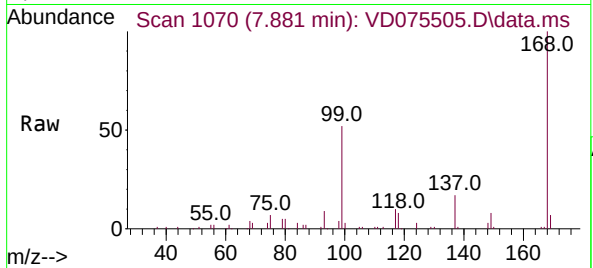




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

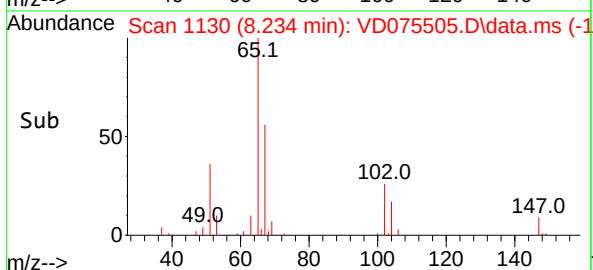
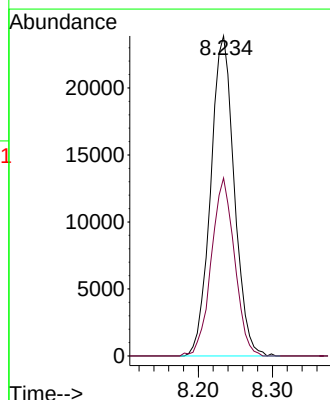
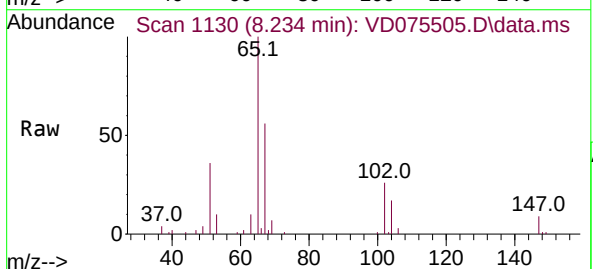
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

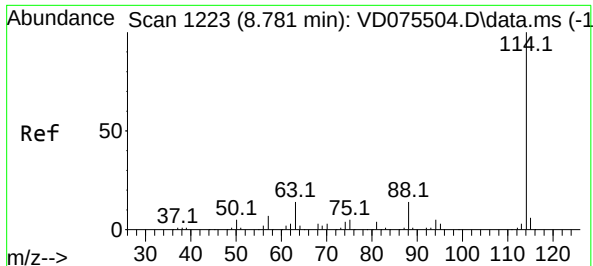
Tgt Ion:168 Resp: 100969
Ion Ratio Lower Upper
168 100
99 52.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 57.628 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion: 65 Resp: 52797
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075505.D

Acq: 13 Mar 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBL01

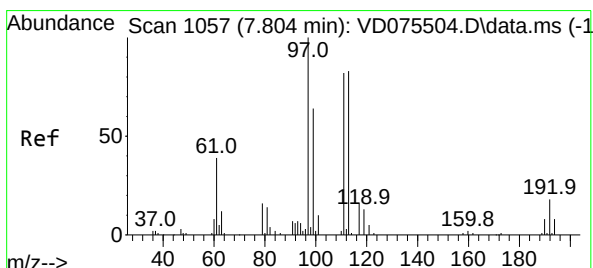
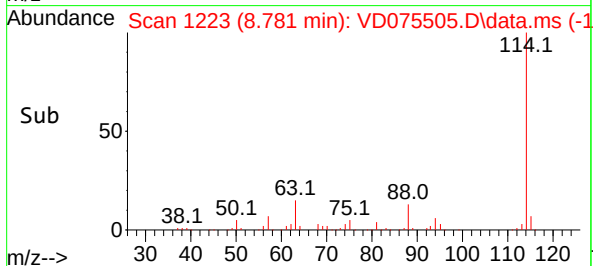
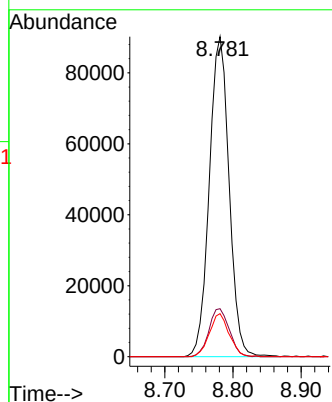
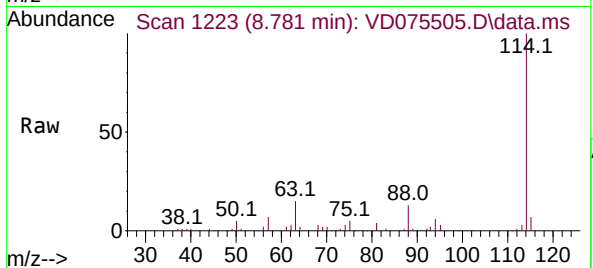
Tgt Ion:114 Resp: 182209

Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 13.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.003 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075505.D

Acq: 13 Mar 2023 12:38

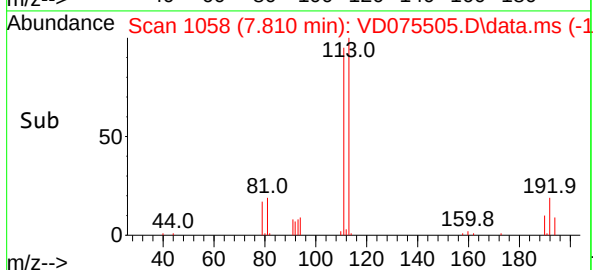
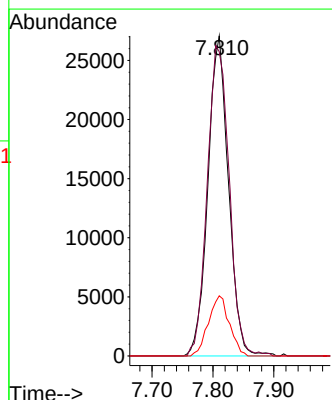
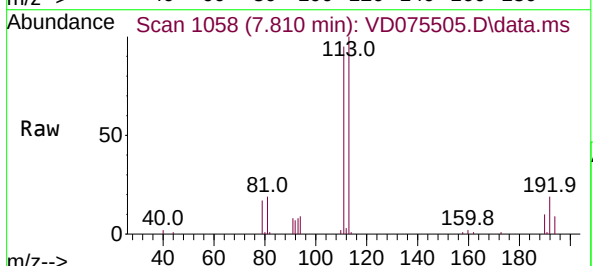
Tgt Ion:113 Resp: 63649

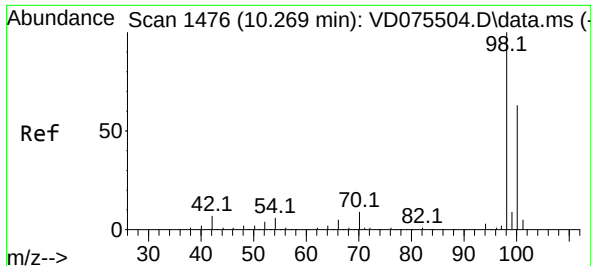
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.1 15.2 22.8

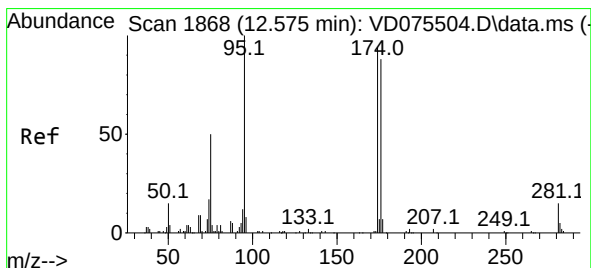
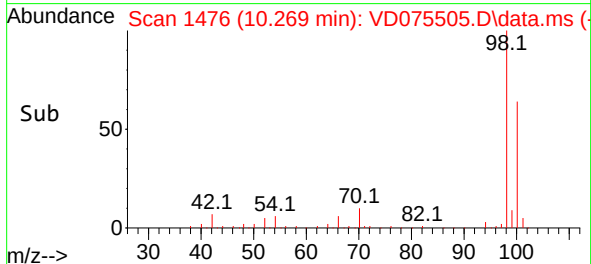
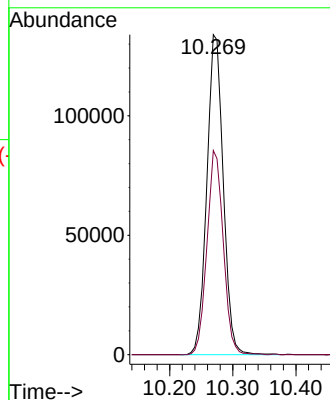
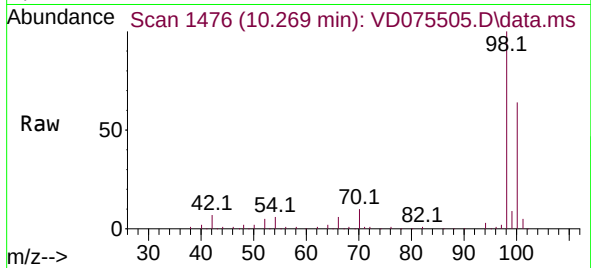




#50
Toluene-d8
Concen: 48.985 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

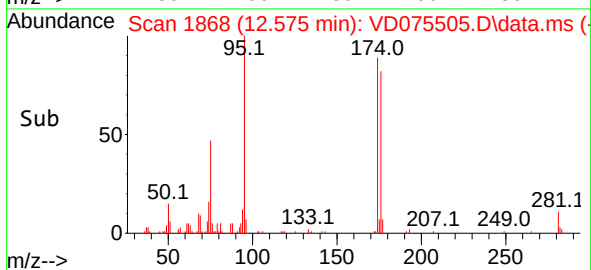
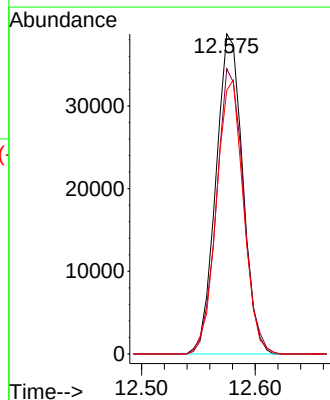
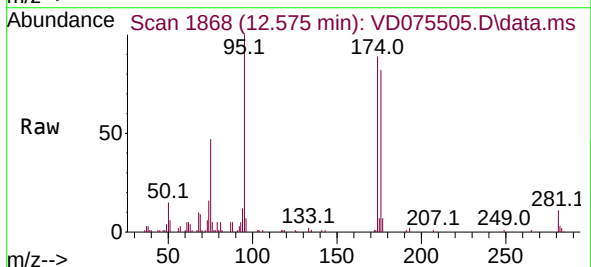
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

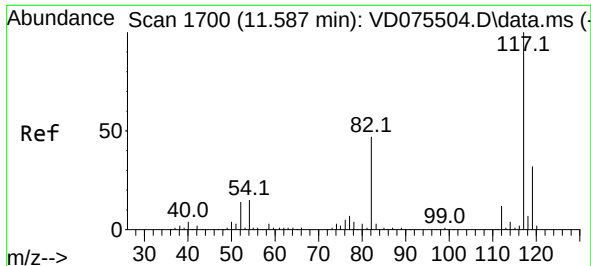
Tgt Ion: 98 Resp: 241495
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.598 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion: 95 Resp: 63560
Ion Ratio Lower Upper
95 100
174 89.3 0.0 164.0
176 86.1 0.0 156.8

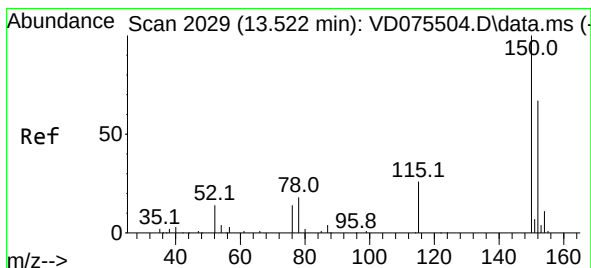
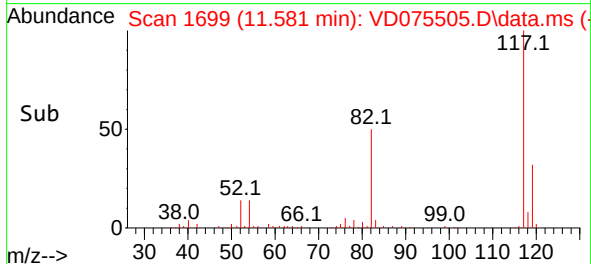
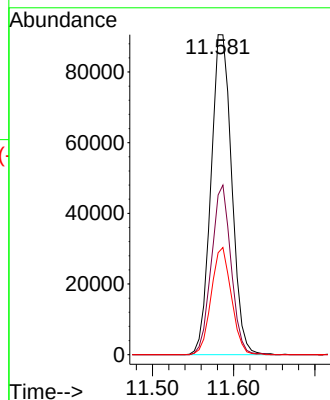
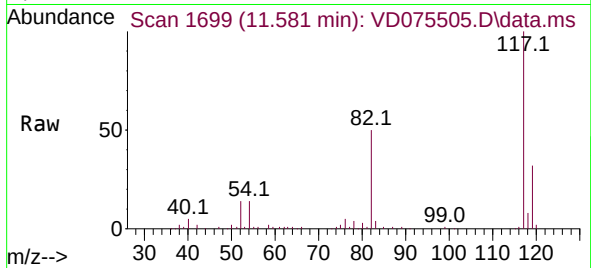




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

Tgt Ion:117 Resp: 161055
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075505.D
Acq: 13 Mar 2023 12:38

Tgt Ion:152 Resp: 68639
Ion Ratio Lower Upper
152 100
115 55.8 30.1 90.3
150 156.4 0.0 364.8

