

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077354.D
 Acq On : 19 Oct 2023 15:01
 Operator : JC/SY
 Sample : 04879-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Oct 20 02:07:54 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)

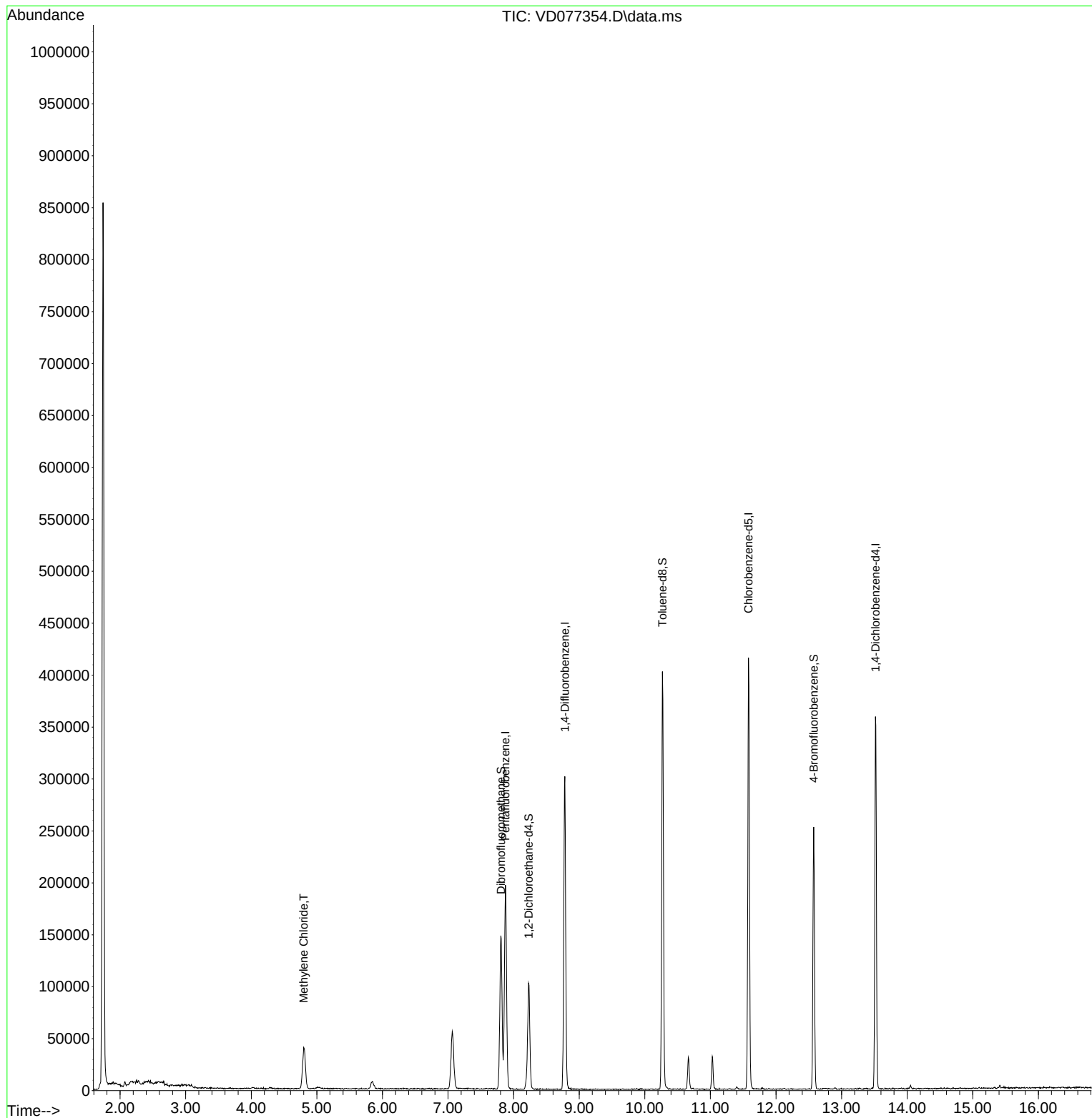
Internal Standards						
1) Pentafluorobenzene	7.875	168	154494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	277887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75875	55.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.810	113	109761	56.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.269	98	291363	41.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.340%
62) 4-Bromofluorobenzene	12.575	95	74481	37.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.020%
Target Compounds						
20) Methylene Chloride	4.799	84	34856	15.771	ug/l	Qvalue 98

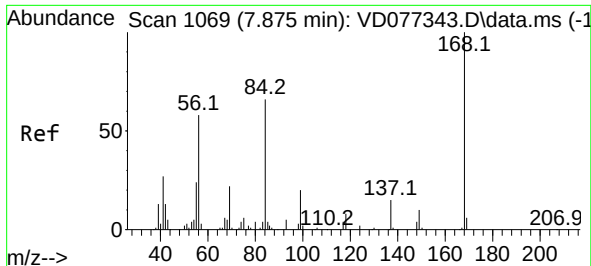
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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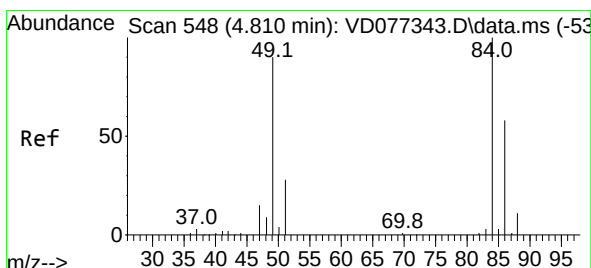
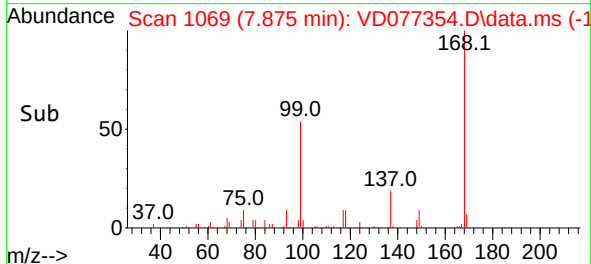
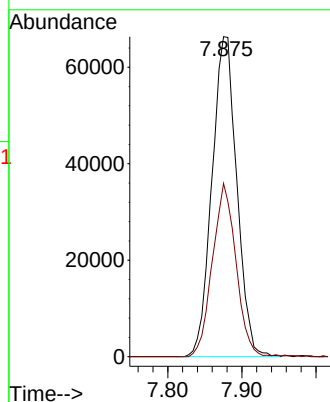
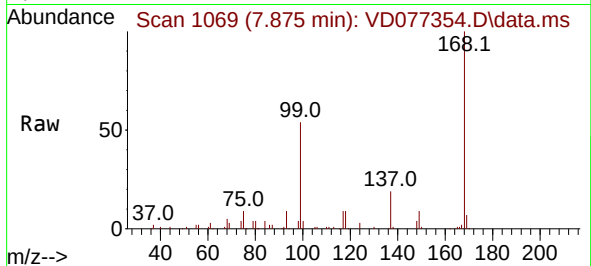




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

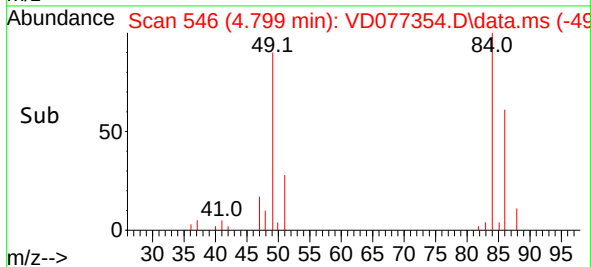
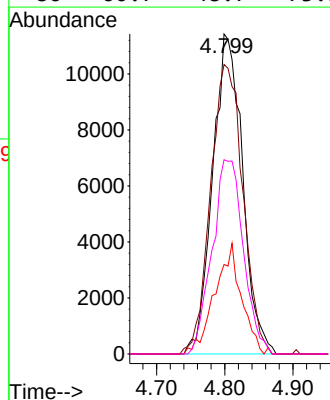
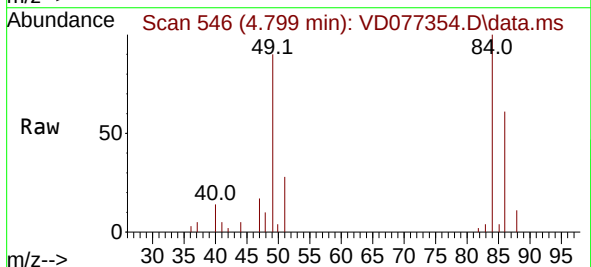
Instrument :
MSVOA_D
ClientSampleId :
TP-1

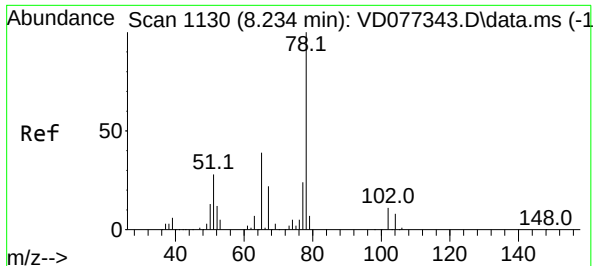
Tgt Ion:168 Resp: 154494
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#20
Methylene Chloride
Concen: 15.771 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Tgt Ion: 84 Resp: 34856
Ion Ratio Lower Upper
84 100
49 90.5 71.4 107.2
51 28.0 24.5 36.7
86 60.7 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 55.000 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077354.D

Acq: 19 Oct 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

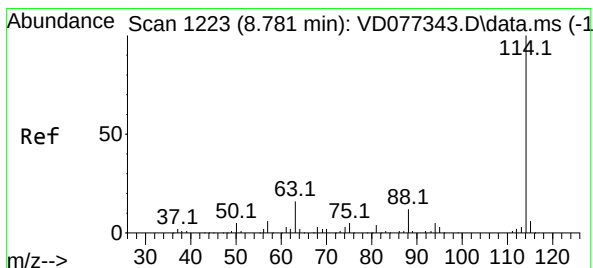
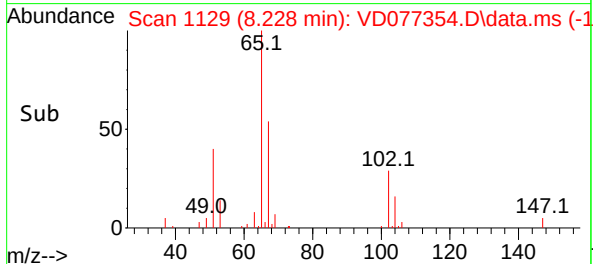
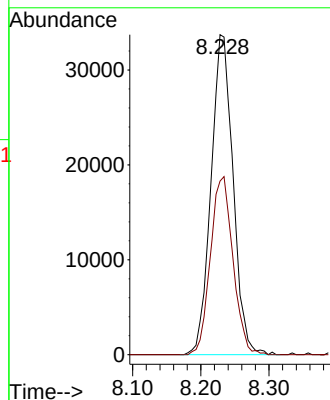
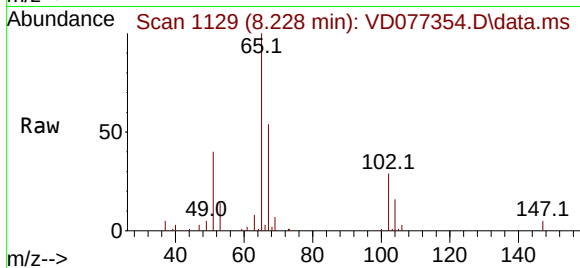
TP-1

Tgt Ion: 65 Resp: 75875

Ion Ratio Lower Upper

65 100

67 56.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077354.D

Acq: 19 Oct 2023 15:01

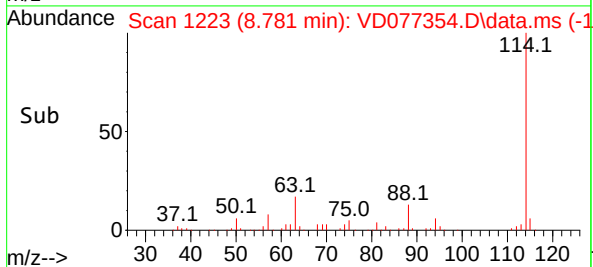
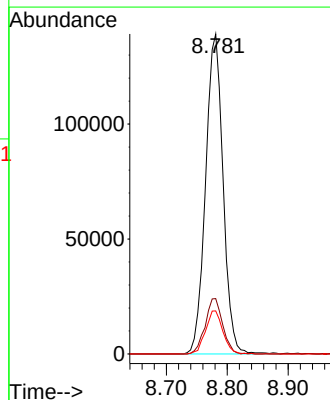
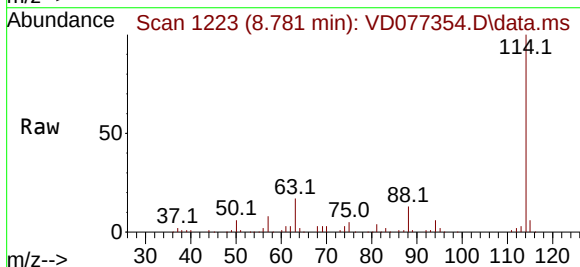
Tgt Ion: 114 Resp: 277887

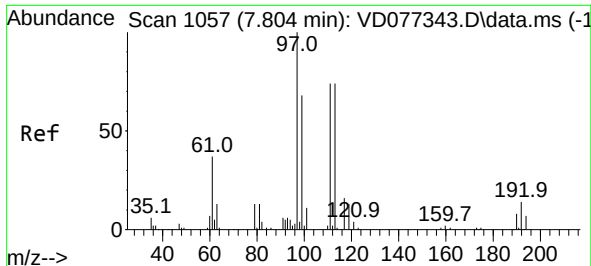
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.4 0.0 26.2

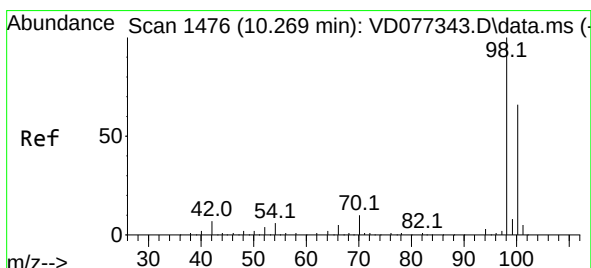
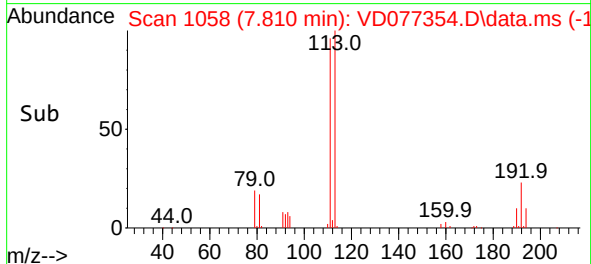
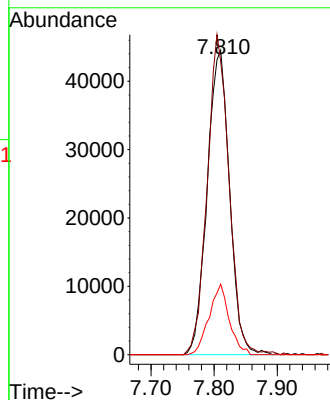
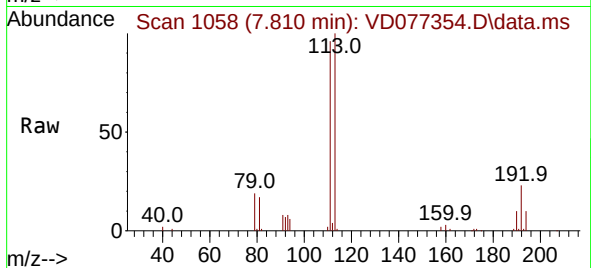




#35
Dibromofluoromethane
Concen: 56.222 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

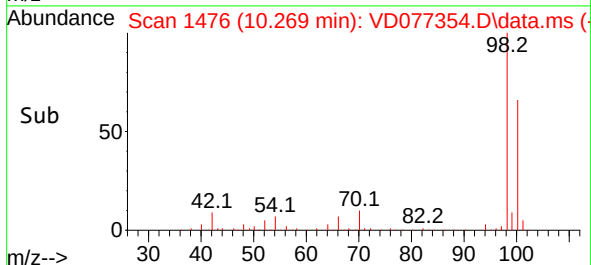
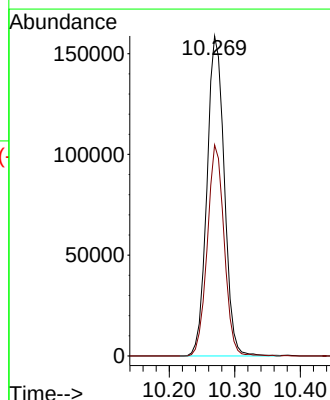
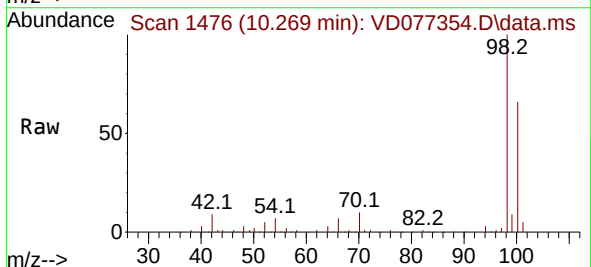
Instrument :
MSVOA_D
ClientSampleId :
TP-1

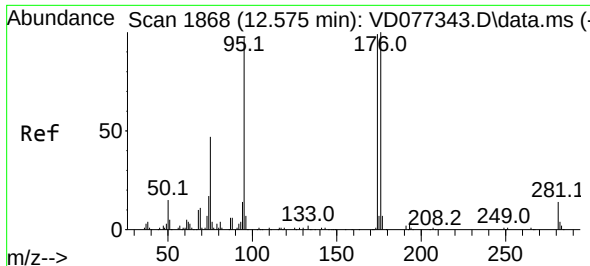
Tgt Ion:113 Resp: 109761
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 20.8 16.8 25.2



#50
Toluene-d8
Concen: 41.673 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

Tgt Ion: 98 Resp: 291363
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

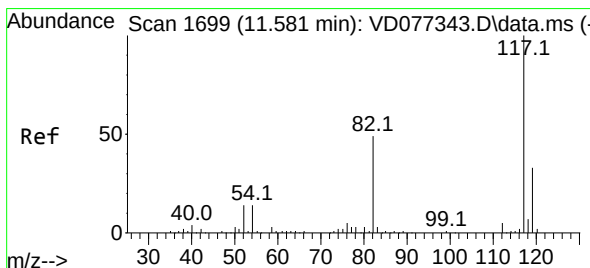
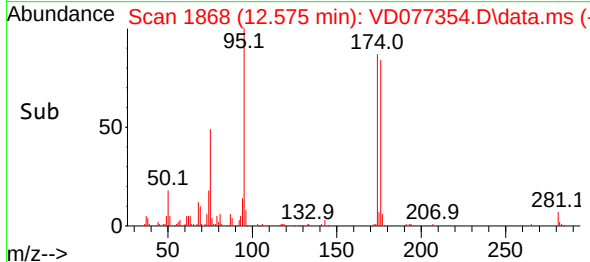
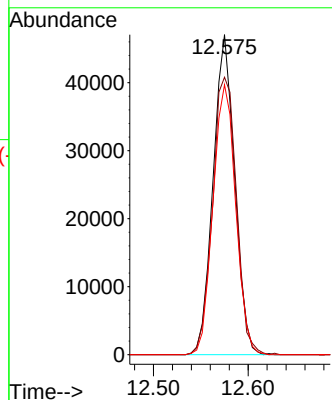
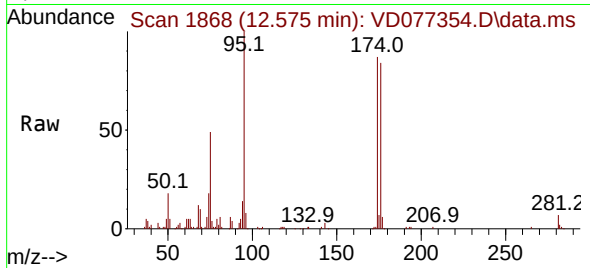




#62
4-Bromofluorobenzene
Concen: 37.007 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

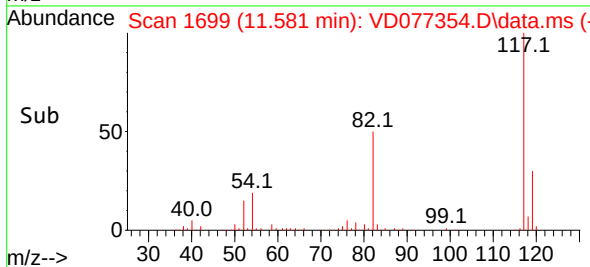
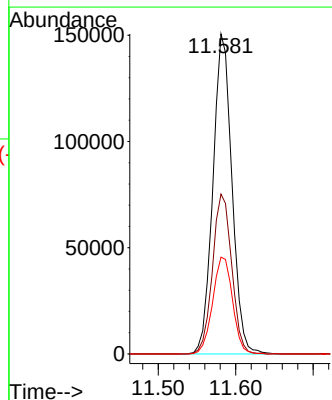
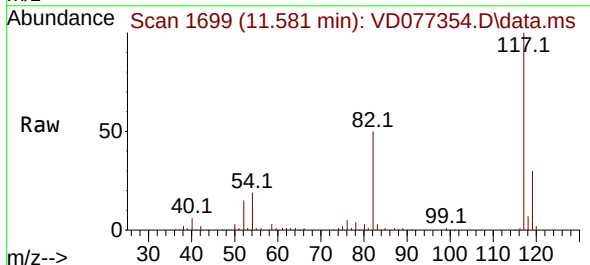
Instrument :
MSVOA_D
ClientSampleId :
TP-1

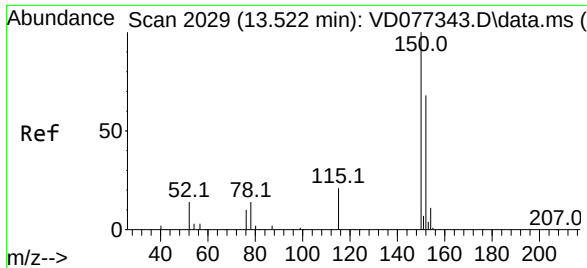
Tgt Ion:	95	Resp:	74481
Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	201.8
176	89.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077354.D
Acq: 19 Oct 2023 15:01

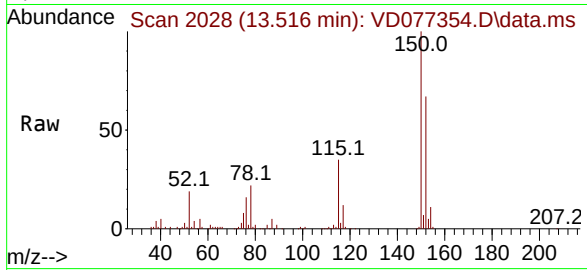
Tgt Ion:	117	Resp:	256649
Ion	Ratio	Lower	Upper
117	100		
82	49.9	38.3	57.5
119	30.3	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077354.D
 Acq: 19 Oct 2023 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:152 Resp: 103499
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.3
 150 156.2 0.0 353.6

