

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077433.D
 Acq On : 26 Oct 2023 18:03
 Operator : JC/SY
 Sample : 05010-03RE
 Misc : 4.73G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11985RE

Quant Time: Oct 27 07:49:04 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)

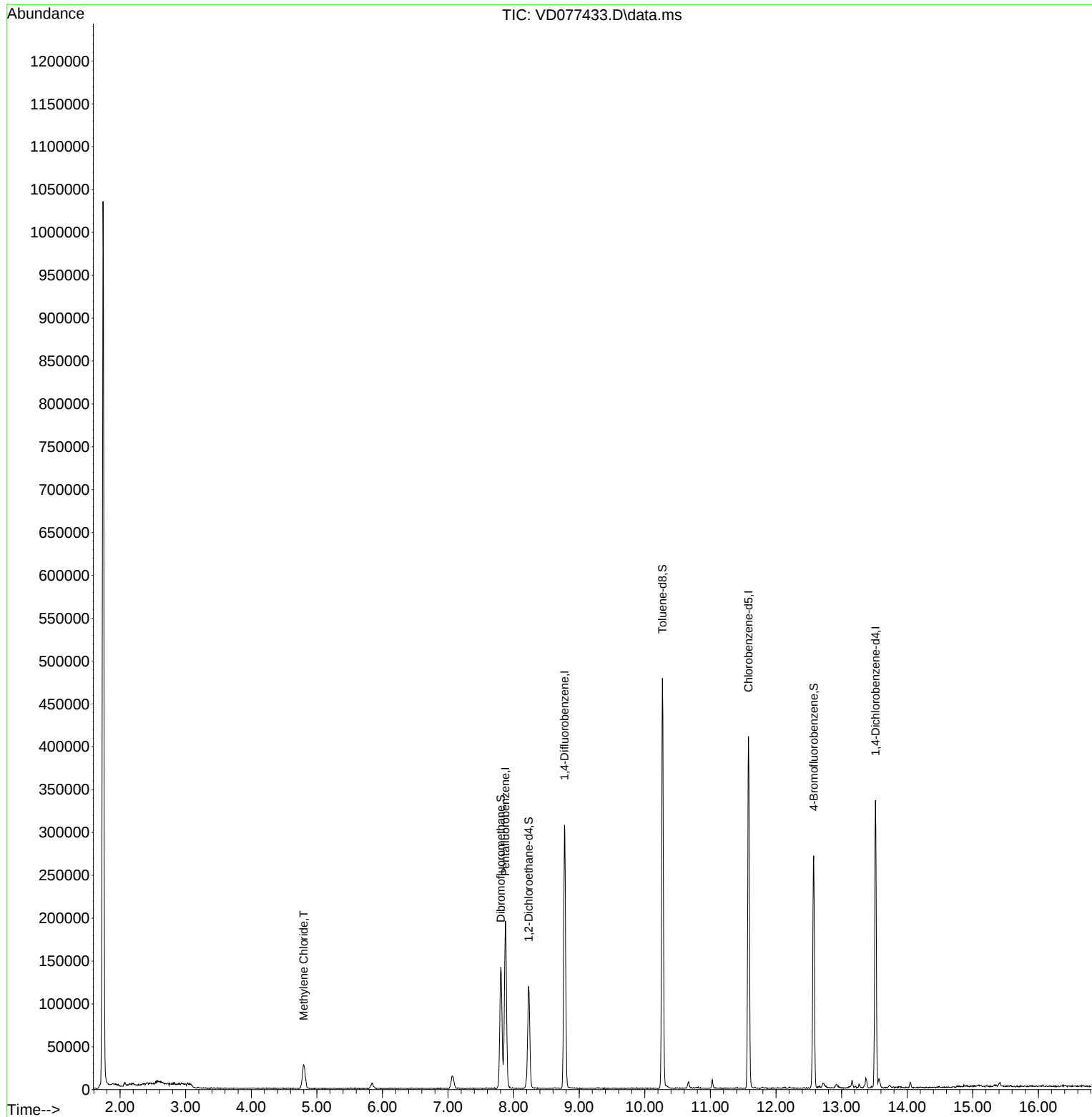
Internal Standards						
1) Pentafluorobenzene	7.875	168	157479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	292303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91105	64.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.580%	
35) Dibromofluoromethane	7.805	113	105101	51.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.269	98	347411	47.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	12.575	95	80366	37.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.920%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	23489	8.639	ug/l	95

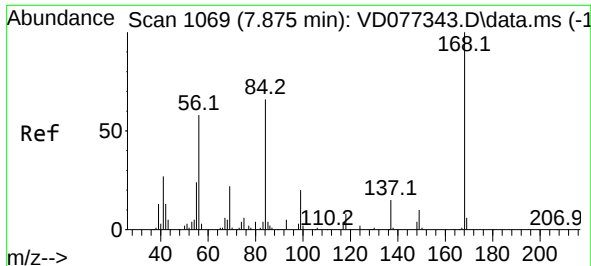
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
Data File : VD077433.D
Acq On : 26 Oct 2023 18:03
Operator : JC/SY
Sample : 05010-03RE
Misc : 4.73G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11985RE

Quant Time: Oct 27 07:49:04 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

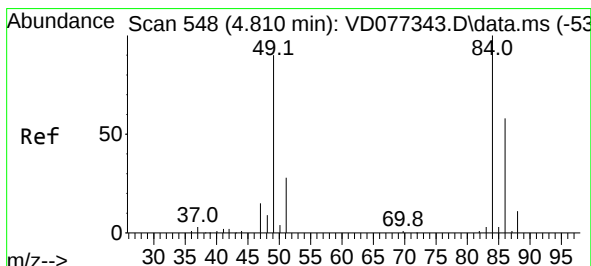
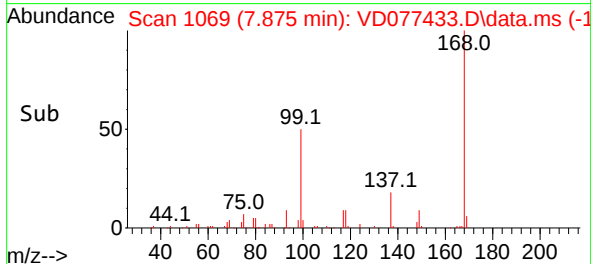
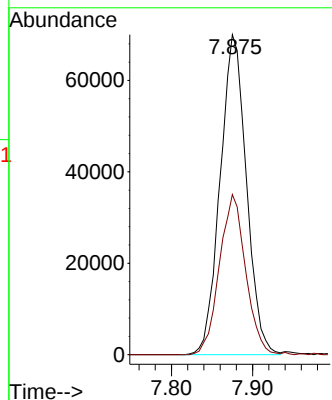
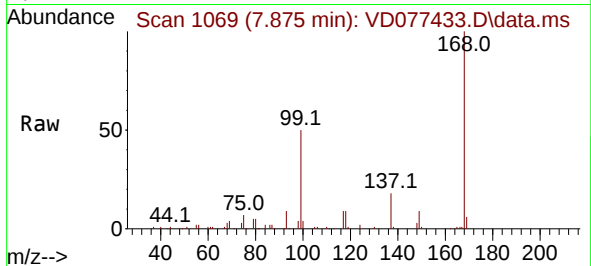




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

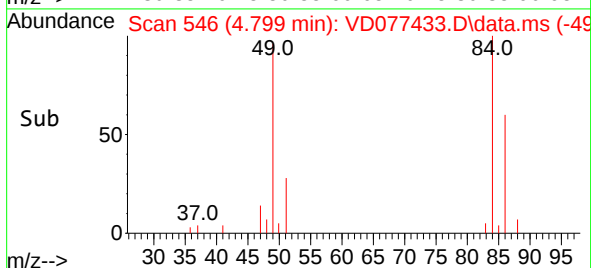
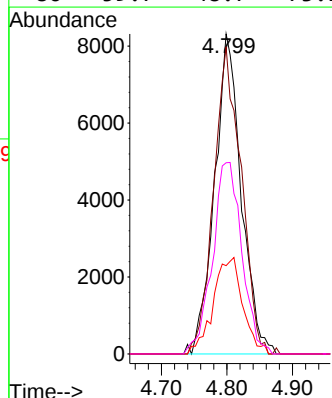
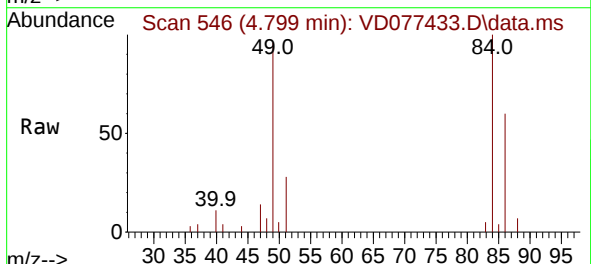
Instrument :
MSVOA_D
ClientSampleId :
72-11985RE

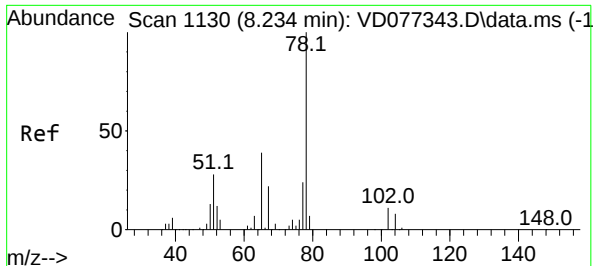
Tgt Ion:168 Resp: 157479
Ion Ratio Lower Upper
168 100
99 50.1 36.7 55.1



#20
Methylene Chloride
Concen: 8.639 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

Tgt Ion: 84 Resp: 23489
Ion Ratio Lower Upper
84 100
49 96.0 71.4 107.2
51 27.6 24.5 36.7
86 59.7 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 64.788 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

Instrument :

MSVOA_D

ClientSampleId :

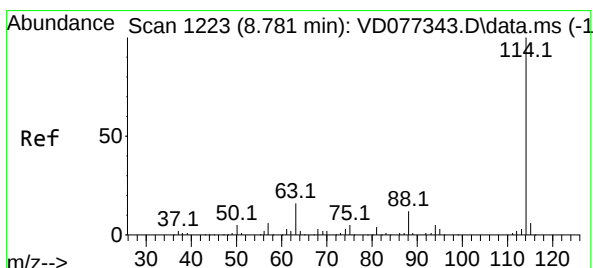
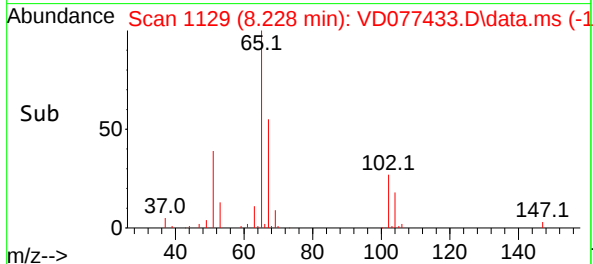
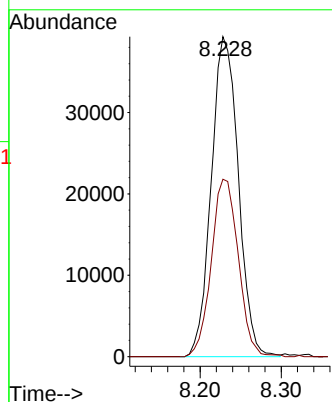
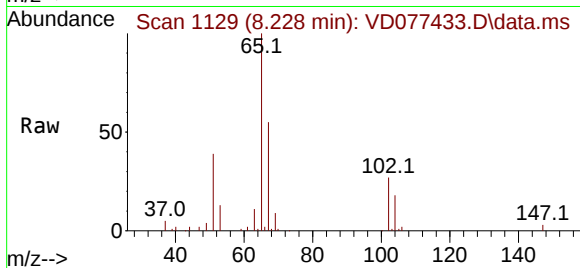
72-11985RE

Tgt Ion: 65 Resp: 91105

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

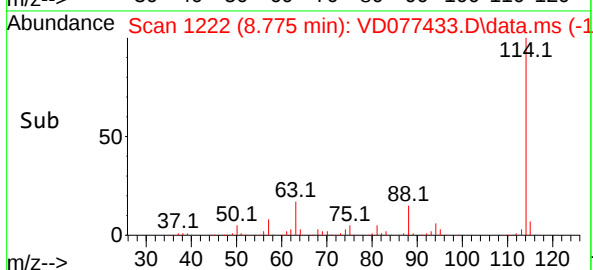
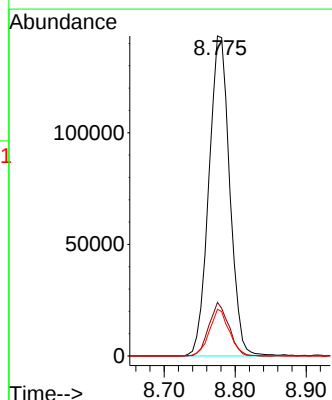
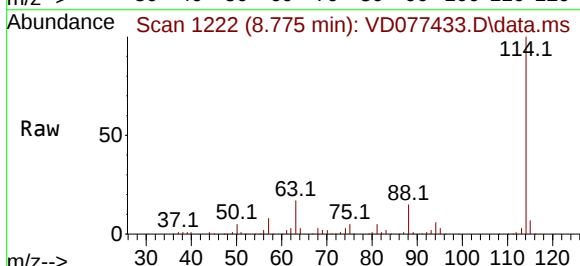
Tgt Ion: 114 Resp: 292303

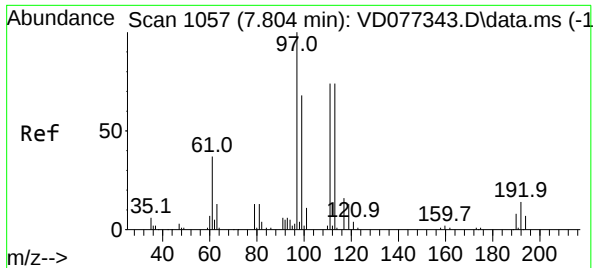
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.6 0.0 26.2

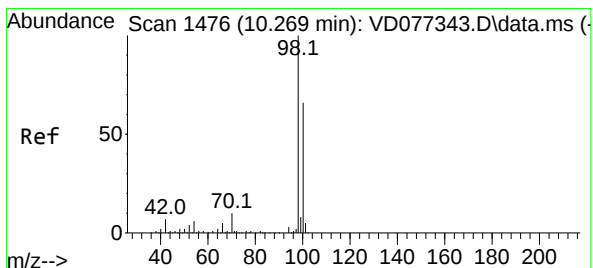
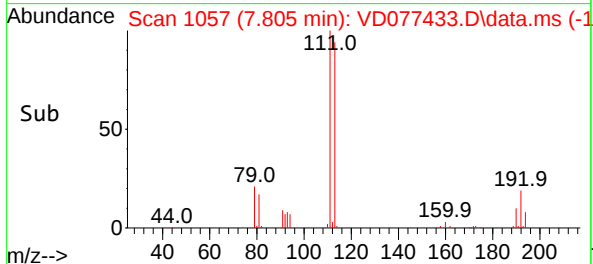
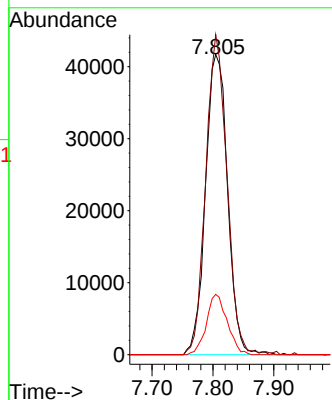
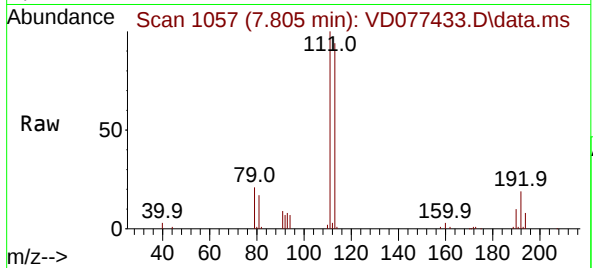




#35
Dibromofluoromethane
Concen: 51.180 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

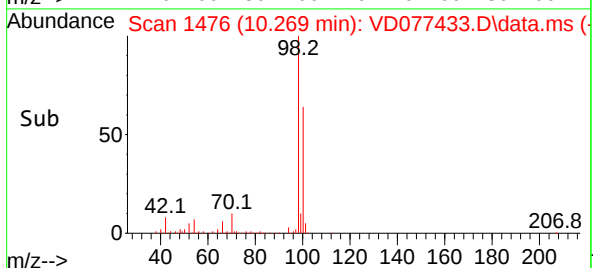
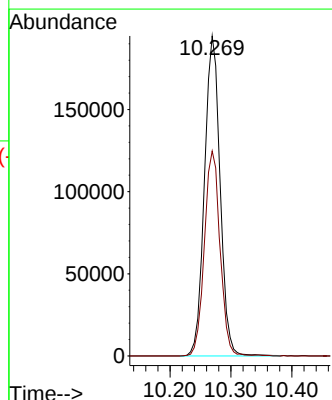
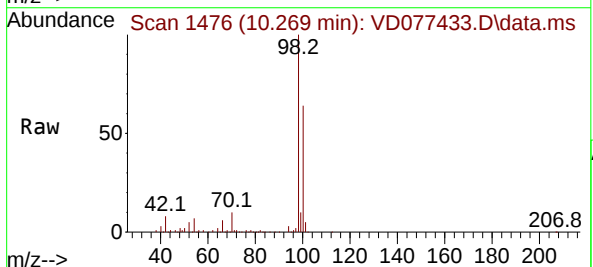
Instrument :
MSVOA_D
ClientSampleId :
72-11985RE

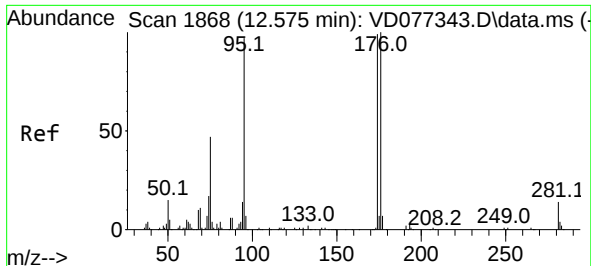
Tgt Ion:113 Resp: 105101
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 18.9 16.8 25.2



#50
Toluene-d8
Concen: 47.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

Tgt Ion: 98 Resp: 347411
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 37.962 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

Instrument :

MSVOA_D

ClientSampleId :

72-11985RE

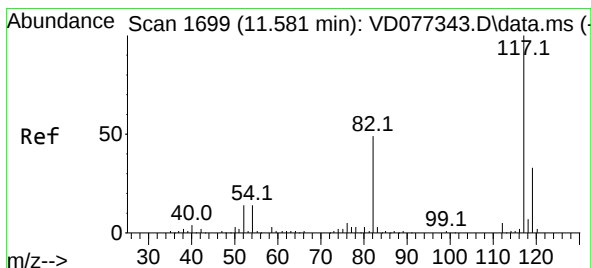
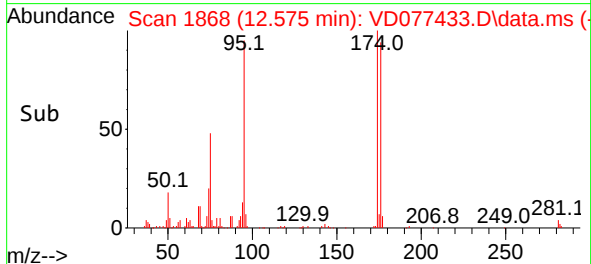
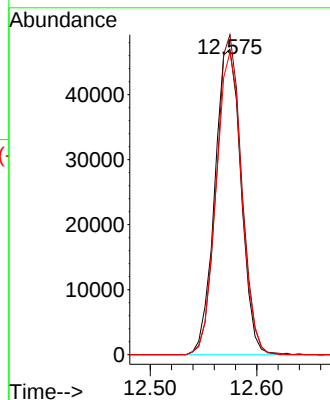
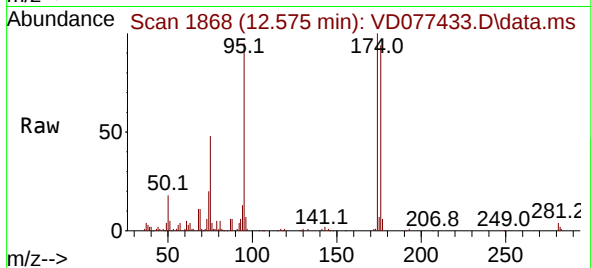
Tgt Ion: 95 Resp: 80366

Ion Ratio Lower Upper

95 100

174 100.5 0.0 201.8

176 96.5 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: VD077433.D

Acq: 26 Oct 2023 18:03

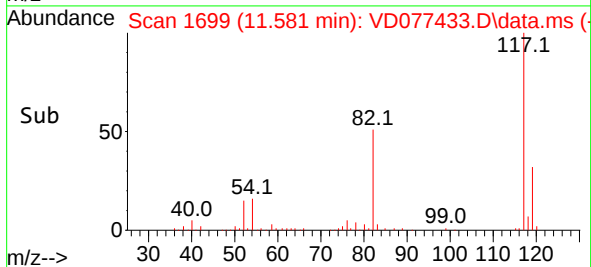
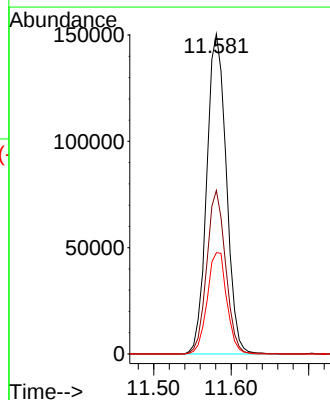
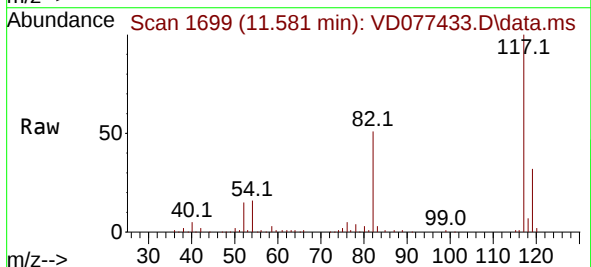
Tgt Ion: 117 Resp: 263467

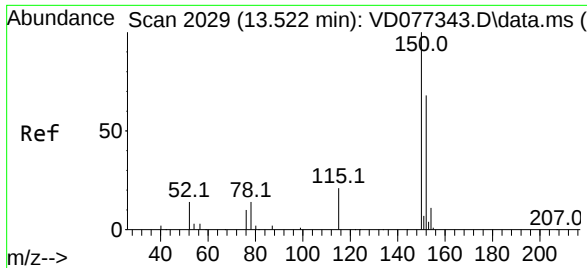
Ion Ratio Lower Upper

117 100

82 51.1 38.3 57.5

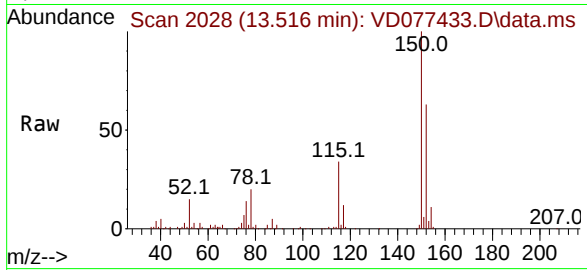
119 31.6 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077433.D
 Acq: 26 Oct 2023 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11985RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.3
150	159.4	0.0	353.6

