

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077356.D
 Acq On : 19 Oct 2023 16:18
 Operator : JC/SY
 Sample : 04879-05
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Oct 20 02:08:37 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)

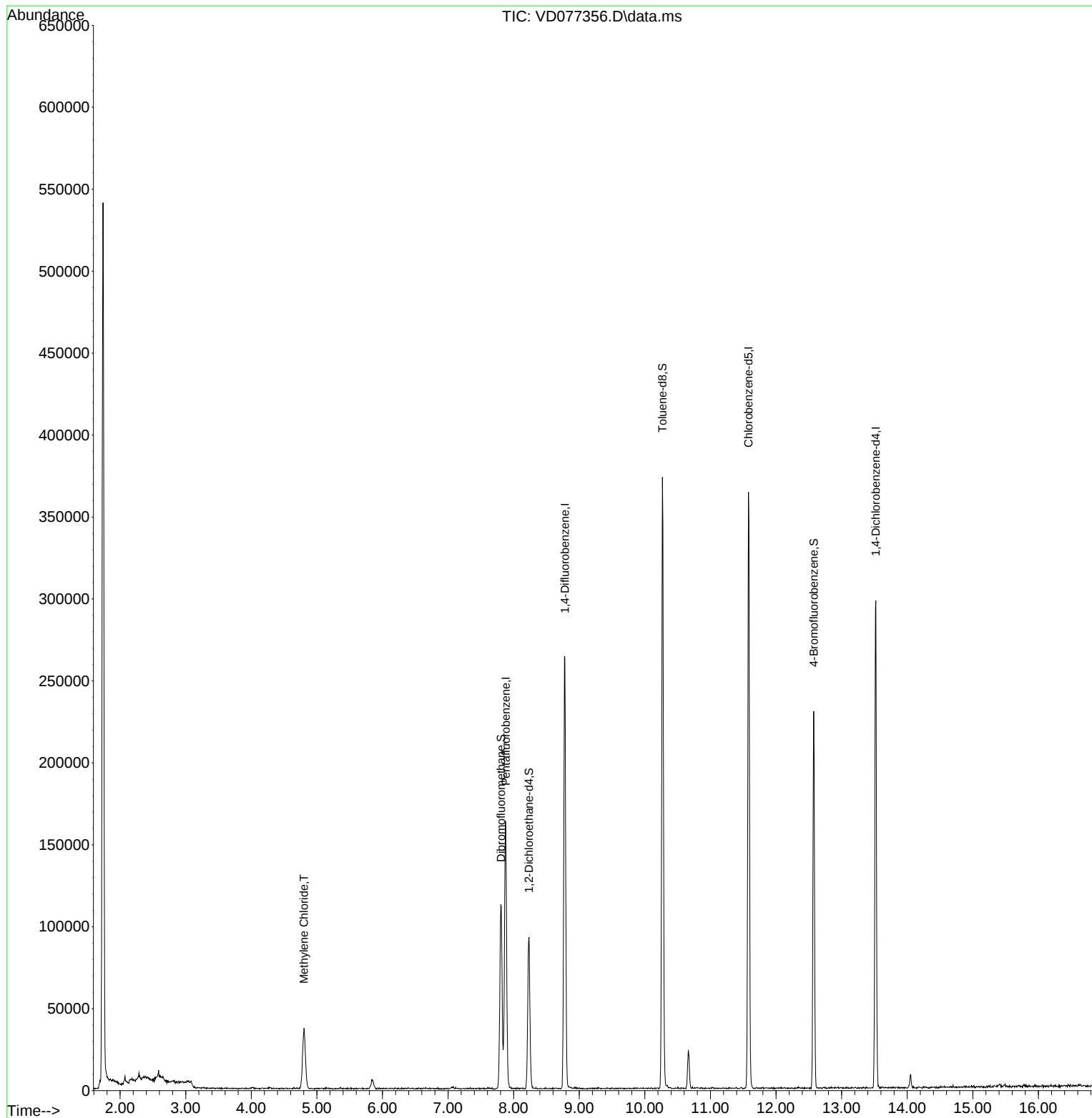
Internal Standards						
1) Pentafluorobenzene	7.881	168	127540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	83739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72781	63.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.820%
35) Dibromofluoromethane	7.810	113	83457	48.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.269	98	267170	43.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.400%
62) 4-Bromofluorobenzene	12.575	95	63404	35.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.240%
Target Compounds						
20) Methylene Chloride	4.805	84	31213	17.555	ug/l	Qvalue 95

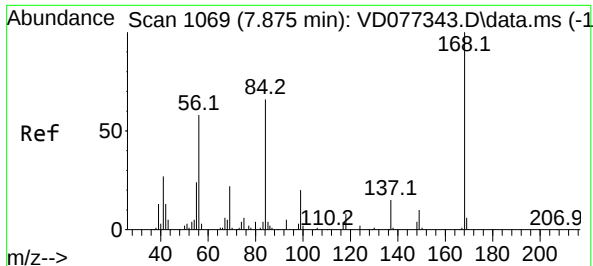
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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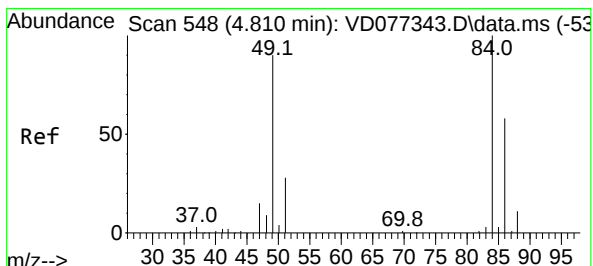
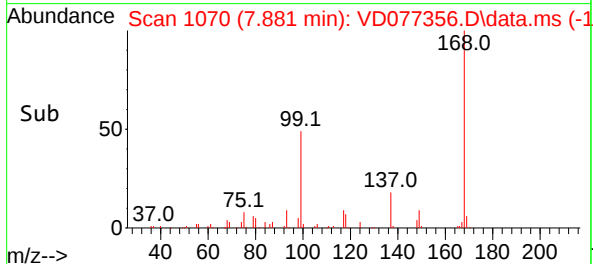
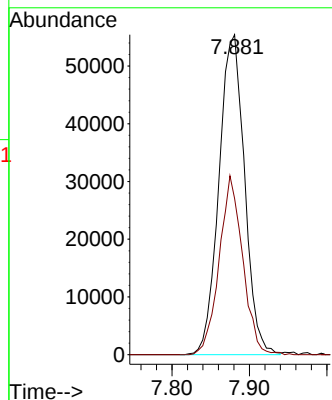
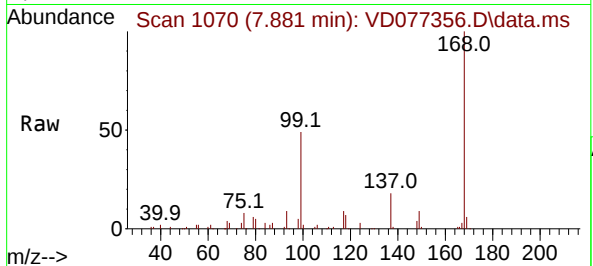




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

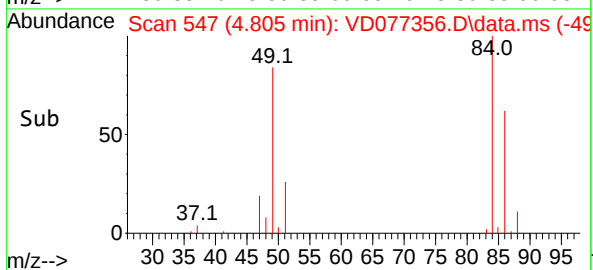
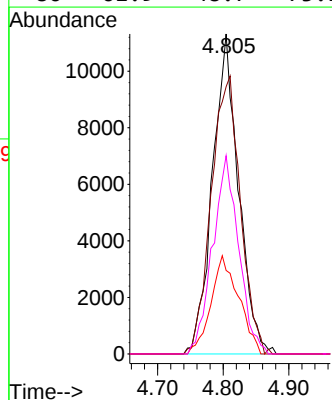
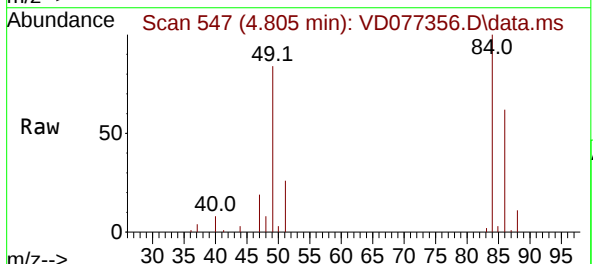
Instrument :
MSVOA_D
ClientSampleId :
TP-3

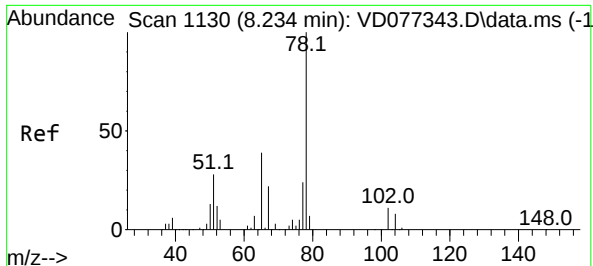
Tgt Ion:168 Resp: 127540
Ion Ratio Lower Upper
168 100
99 48.8 36.7 55.1



#20
Methylene Chloride
Concen: 17.555 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Tgt Ion: 84 Resp: 31213
Ion Ratio Lower Upper
84 100
49 83.5 71.4 107.2
51 26.1 24.5 36.7
86 61.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 63.907 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077356.D

Acq: 19 Oct 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :

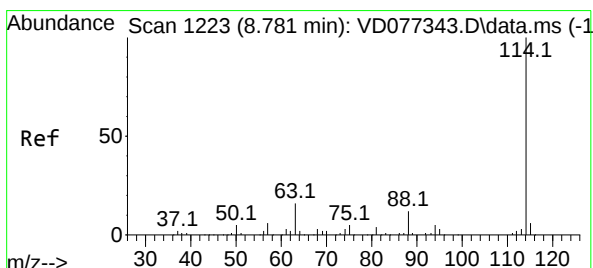
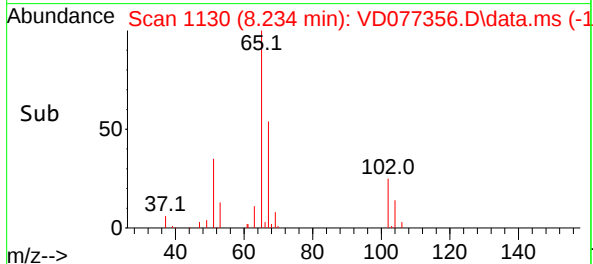
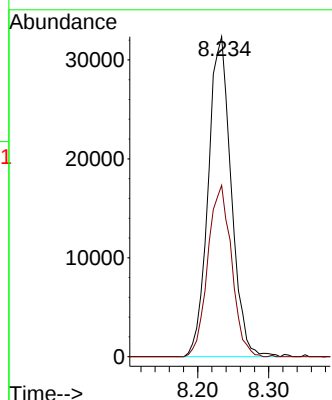
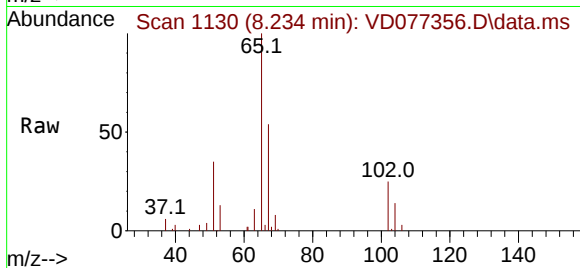
TP-3

Tgt Ion: 65 Resp: 72781

Ion Ratio Lower Upper

65 100

67 55.1 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: VD077356.D

Acq: 19 Oct 2023 16:18

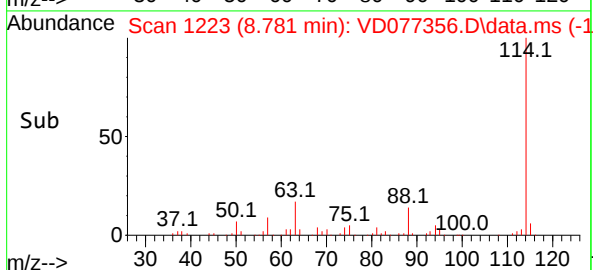
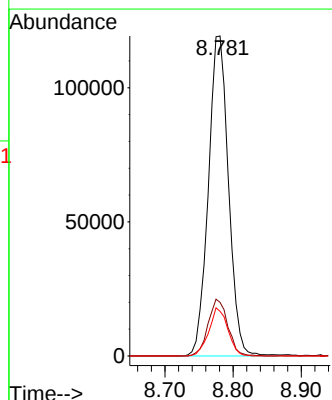
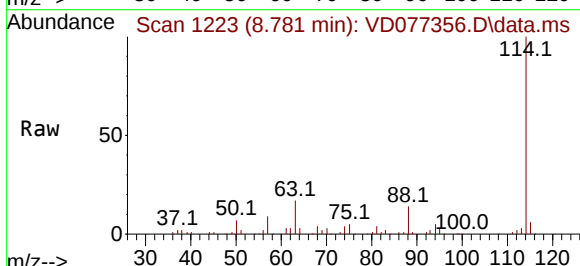
Tgt Ion: 114 Resp: 245778

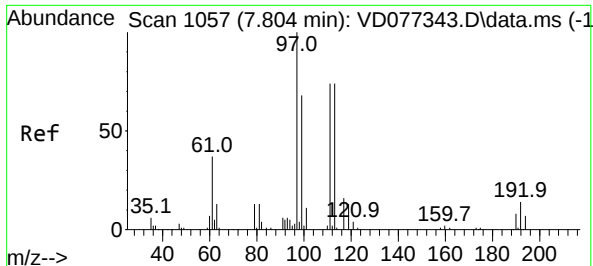
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.333 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077356.D

Acq: 19 Oct 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :

TP-3

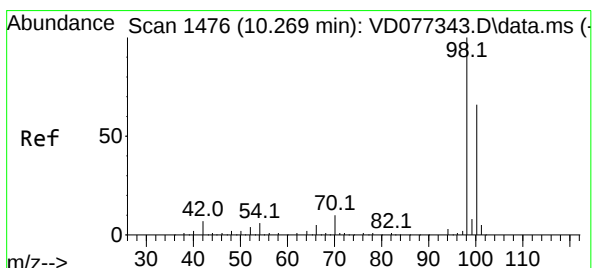
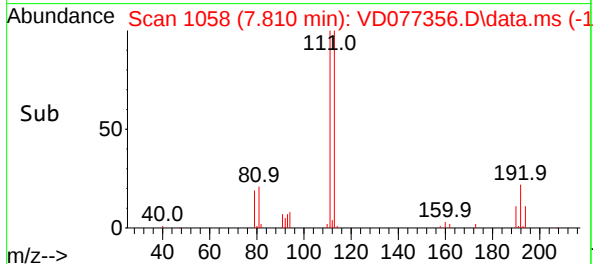
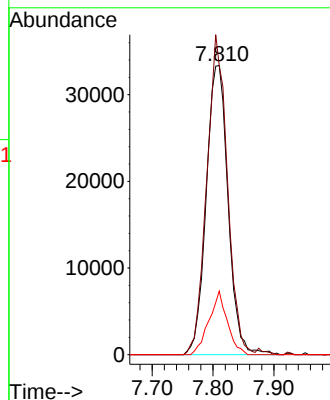
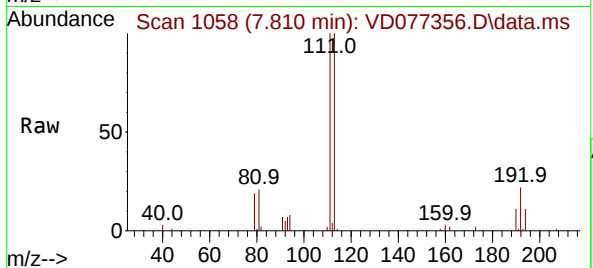
Tgt Ion:113 Resp: 83457

Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 18.5 16.8 25.2



#50

Toluene-d8

Concen: 43.204 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077356.D

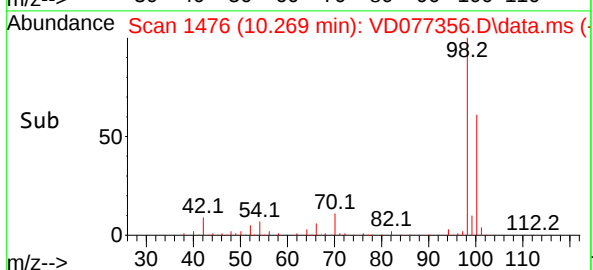
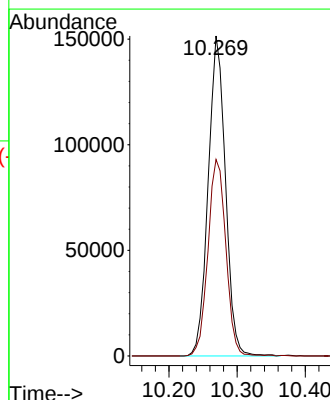
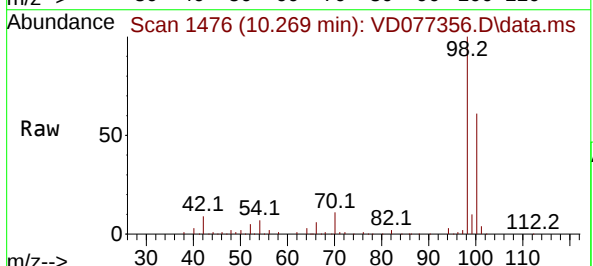
Acq: 19 Oct 2023 16:18

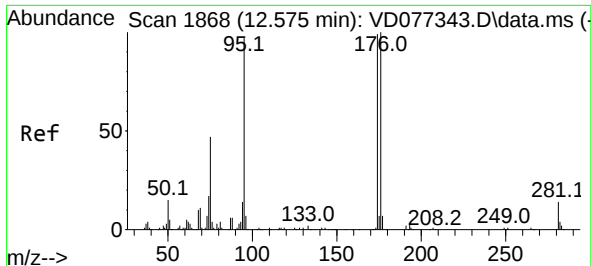
Tgt Ion: 98 Resp: 267170

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

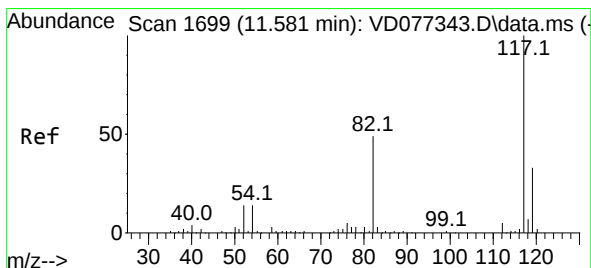
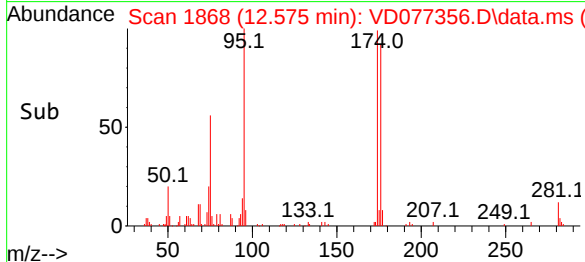
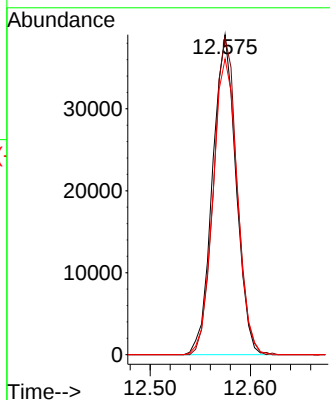
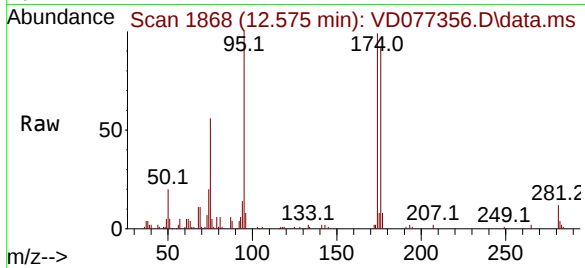




#62
4-Bromofluorobenzene
Concen: 35.619 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

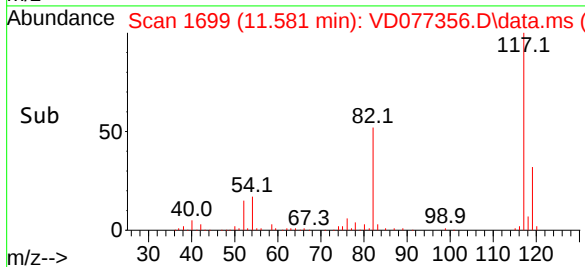
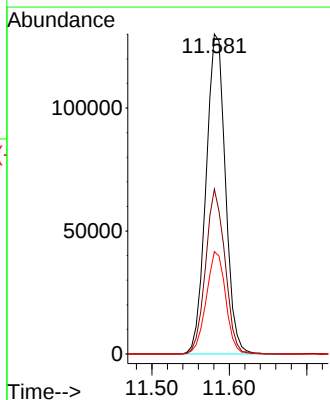
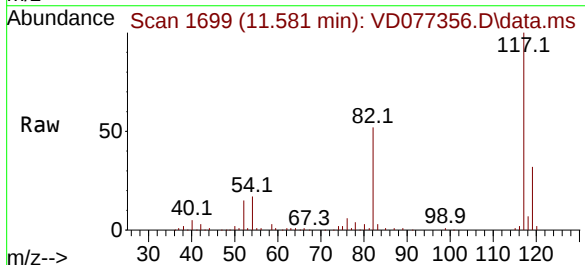
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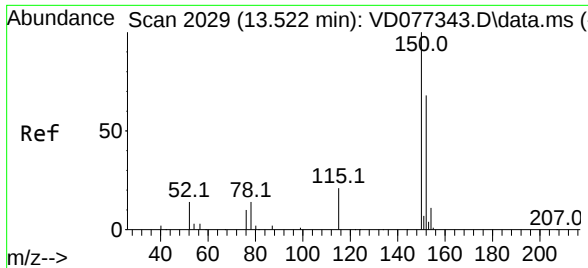
Tgt Ion:	95	Resp:	63404
Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	201.8
176	95.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

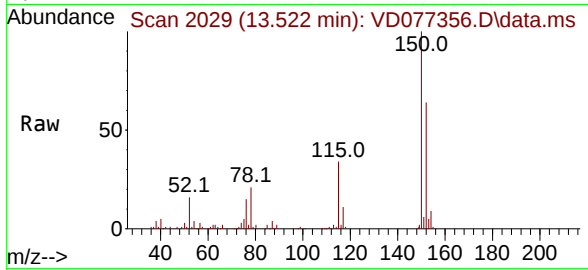
Tgt Ion:	117	Resp:	225994
Ion	Ratio	Lower	Upper
117	100		
82	51.5	38.3	57.5
119	32.0	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077356.D
 Acq: 19 Oct 2023 16:18

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3



Tgt Ion:	152	Resp:	83739
Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.1	81.3
150	160.1	0.0	353.6

