

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077355.D
 Acq On : 19 Oct 2023 15:51
 Operator : JC/SY
 Sample : 04879-03
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Oct 20 02:08:17 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)

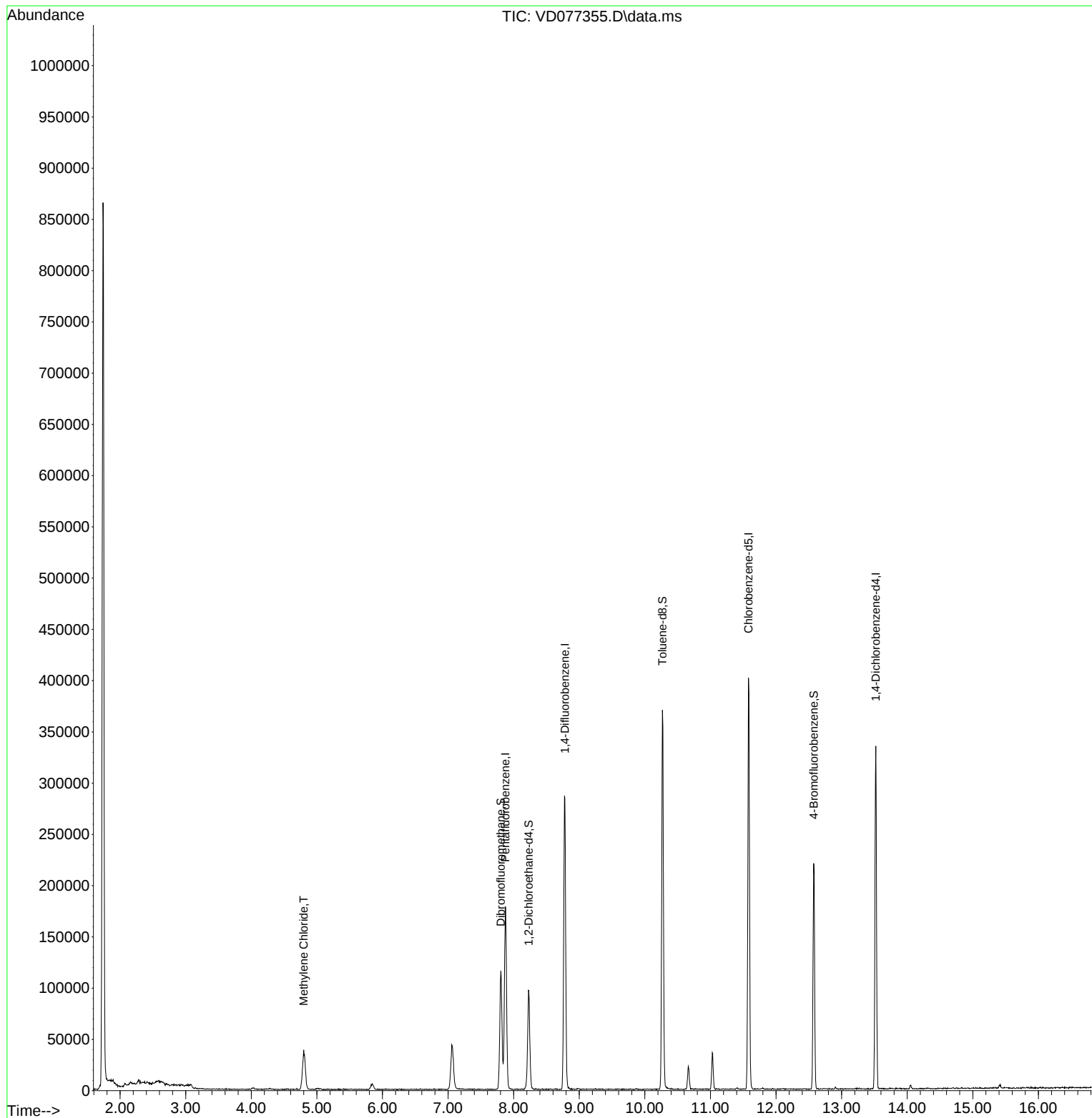
Internal Standards						
1) Pentafluorobenzene	7.875	168	140109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	273629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71975	57.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.060%
35) Dibromofluoromethane	7.804	113	82334	42.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.660%
50) Toluene-d8	10.269	98	264502	38.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.840%
62) 4-Bromofluorobenzene	12.575	95	64404	32.498	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.000%
Target Compounds						
20) Methylene Chloride	4.799	84	30942	15.326	ug/l	Qvalue 91

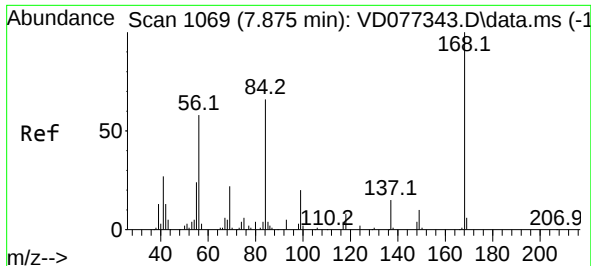
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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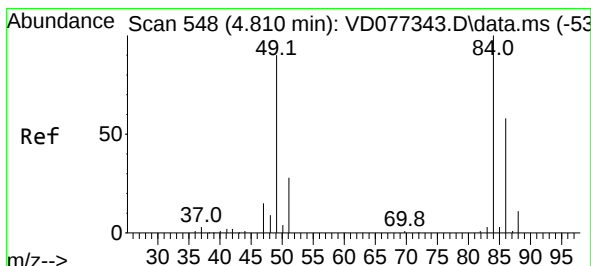
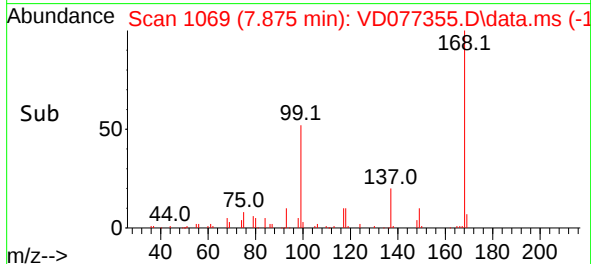
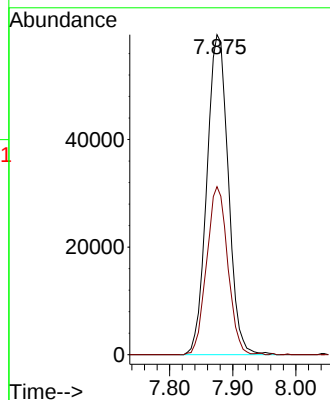
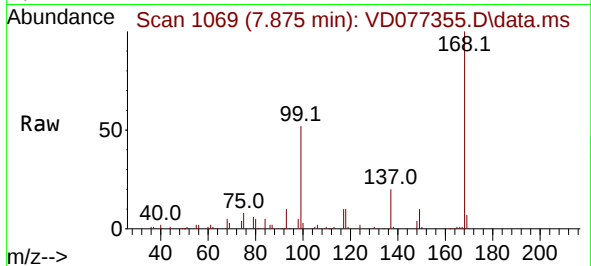




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077355.D
Acq: 19 Oct 2023 15:51

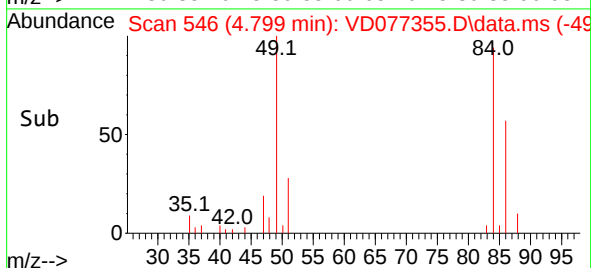
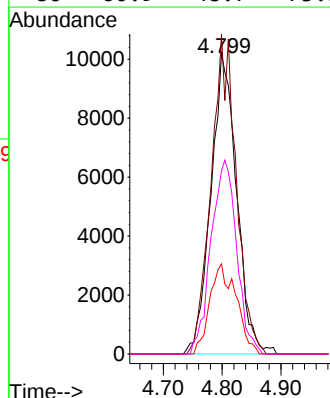
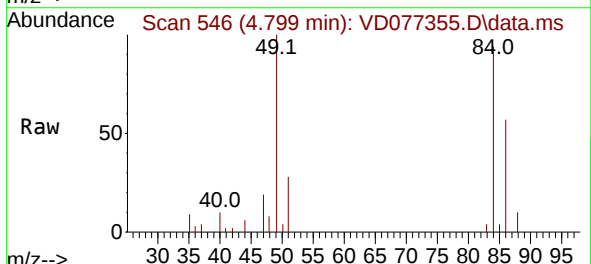
Instrument :
MSVOA_D
ClientSampleId :
TP-2

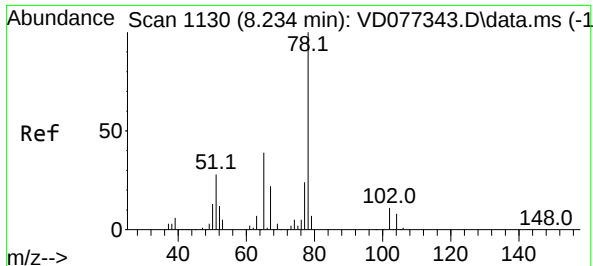
Tgt Ion:168 Resp: 140109
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#20
Methylene Chloride
Concen: 15.326 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077355.D
Acq: 19 Oct 2023 15:51

Tgt Ion: 84 Resp: 30942
Ion Ratio Lower Upper
84 100
49 106.4 71.4 107.2
51 30.0 24.5 36.7
86 60.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 57.530 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD077355.D

Acq: 19 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

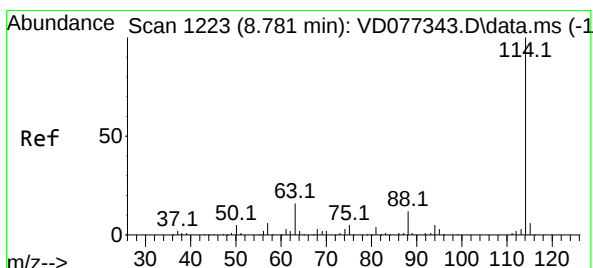
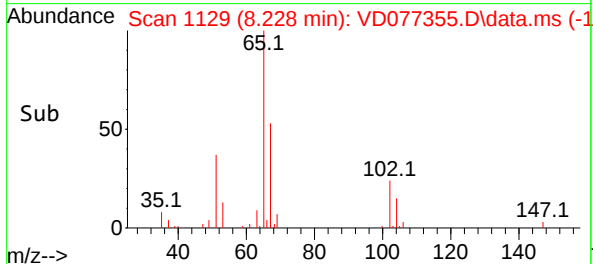
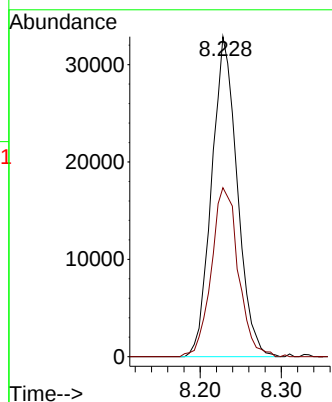
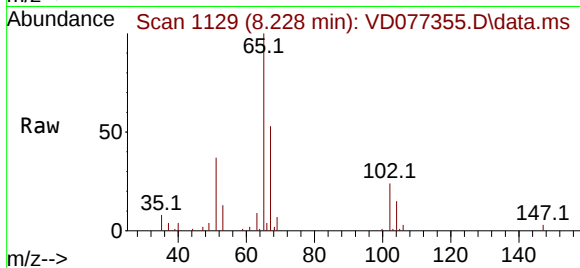
TP-2

Tgt Ion: 65 Resp: 71975

Ion Ratio Lower Upper

65 100

67 55.6 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: VD077355.D

Acq: 19 Oct 2023 15:51

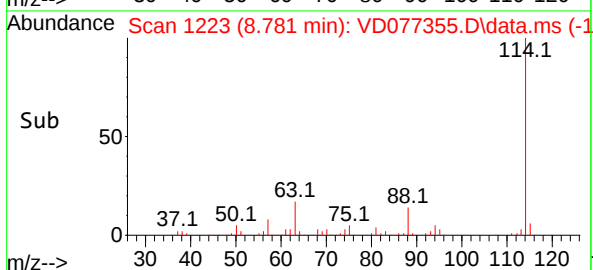
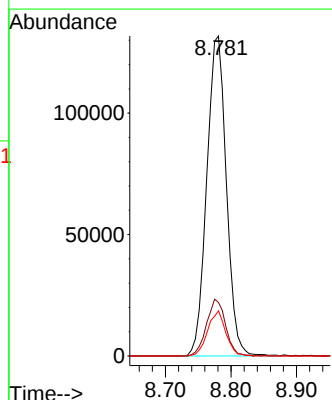
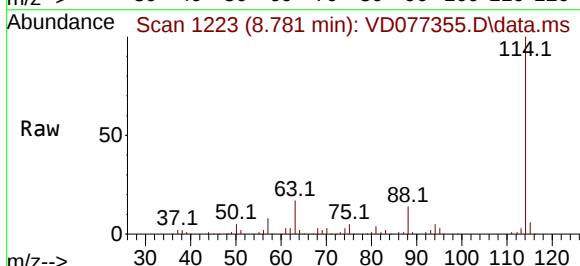
Tgt Ion: 114 Resp: 273629

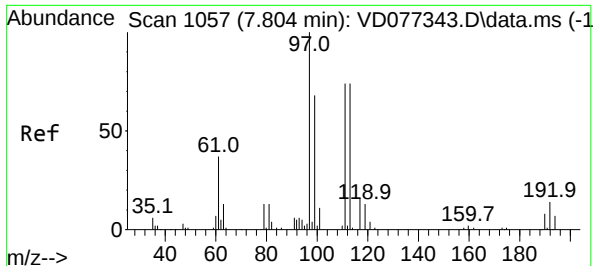
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.830 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077355.D

Acq: 19 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

TP-2

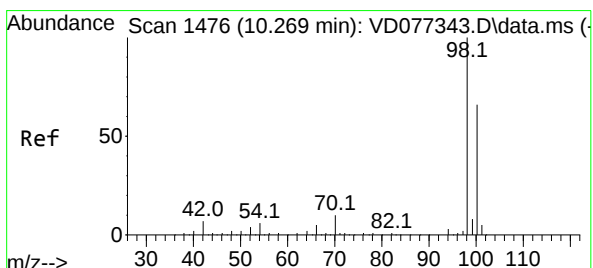
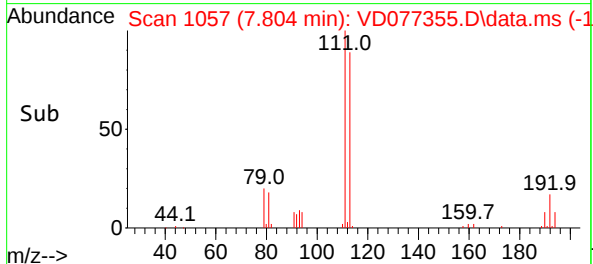
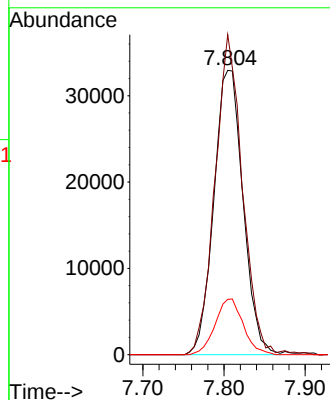
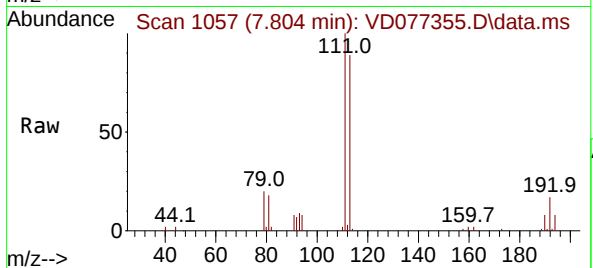
Tgt Ion:113 Resp: 82334

Ion Ratio Lower Upper

113 100

111 105.4 84.7 127.1

192 18.9 16.8 25.2



#50

Toluene-d8

Concen: 38.419 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077355.D

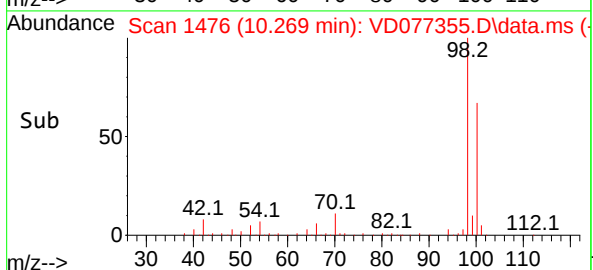
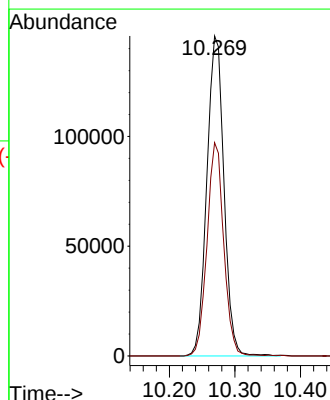
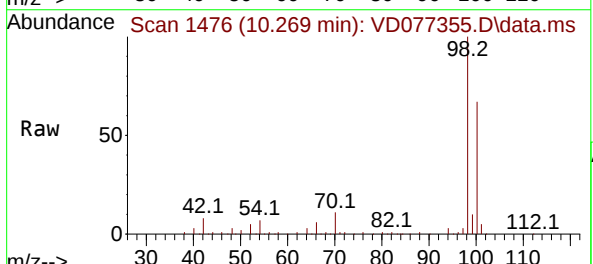
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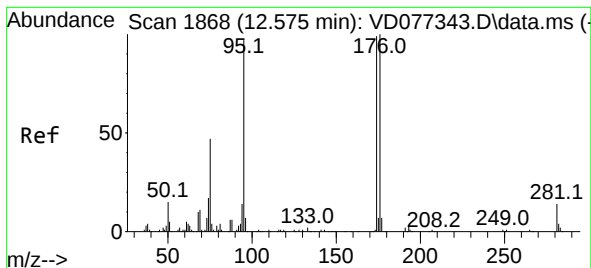
Tgt Ion: 98 Resp: 264502

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5

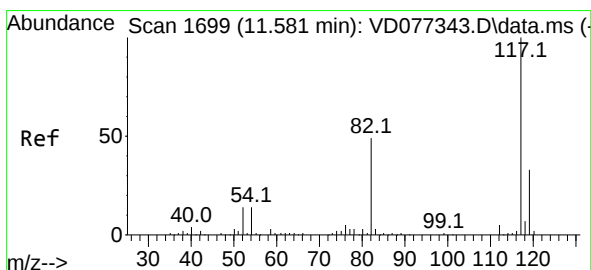
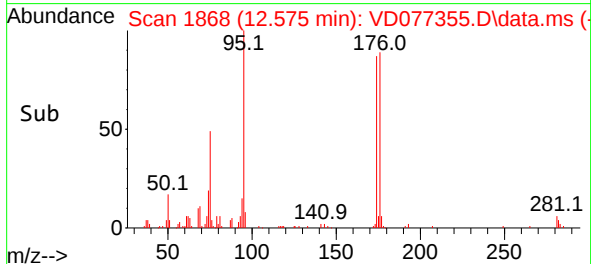
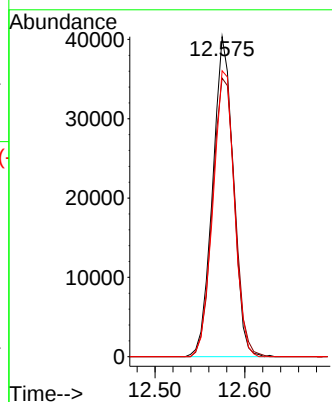
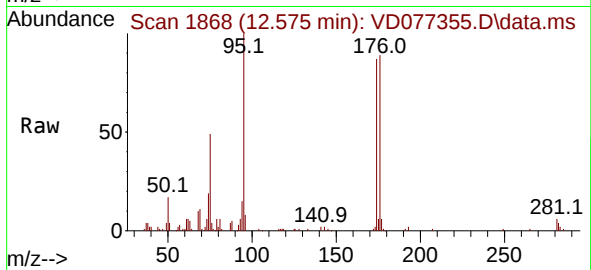




#62
4-Bromofluorobenzene
Concen: 32.498 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077355.D
Acq: 19 Oct 2023 15:51

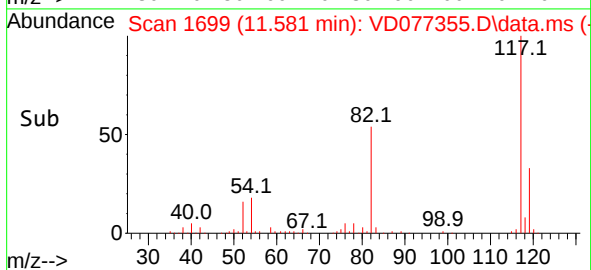
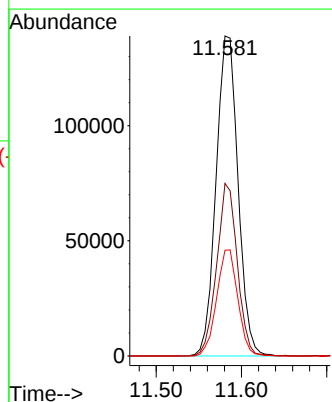
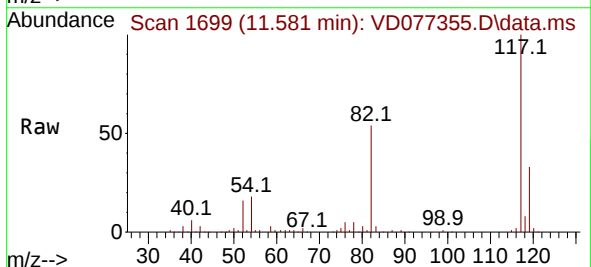
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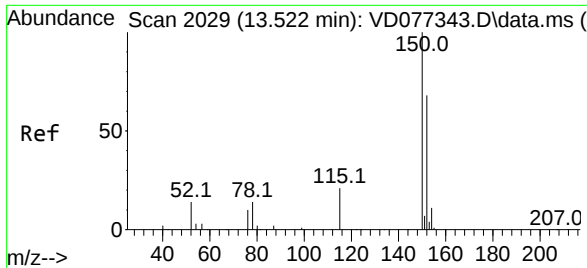
Tgt Ion: 95 Resp: 64404
Ion Ratio Lower Upper
95 100
174 94.6 0.0 201.8
176 92.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077355.D
Acq: 19 Oct 2023 15:51

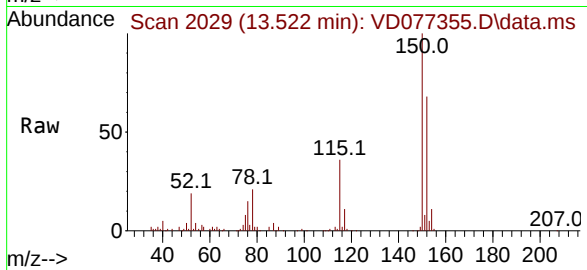
Tgt Ion: 117 Resp: 248722
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 33.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077355.D
 Acq: 19 Oct 2023 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 94584
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.1 81.3
 150 156.2 0.0 353.6

