

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077989.D
 Acq On : 20 Dec 2023 12:20
 Operator : RP/MD
 Sample : 05882-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-121523

Quant Time: Dec 20 12:35:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

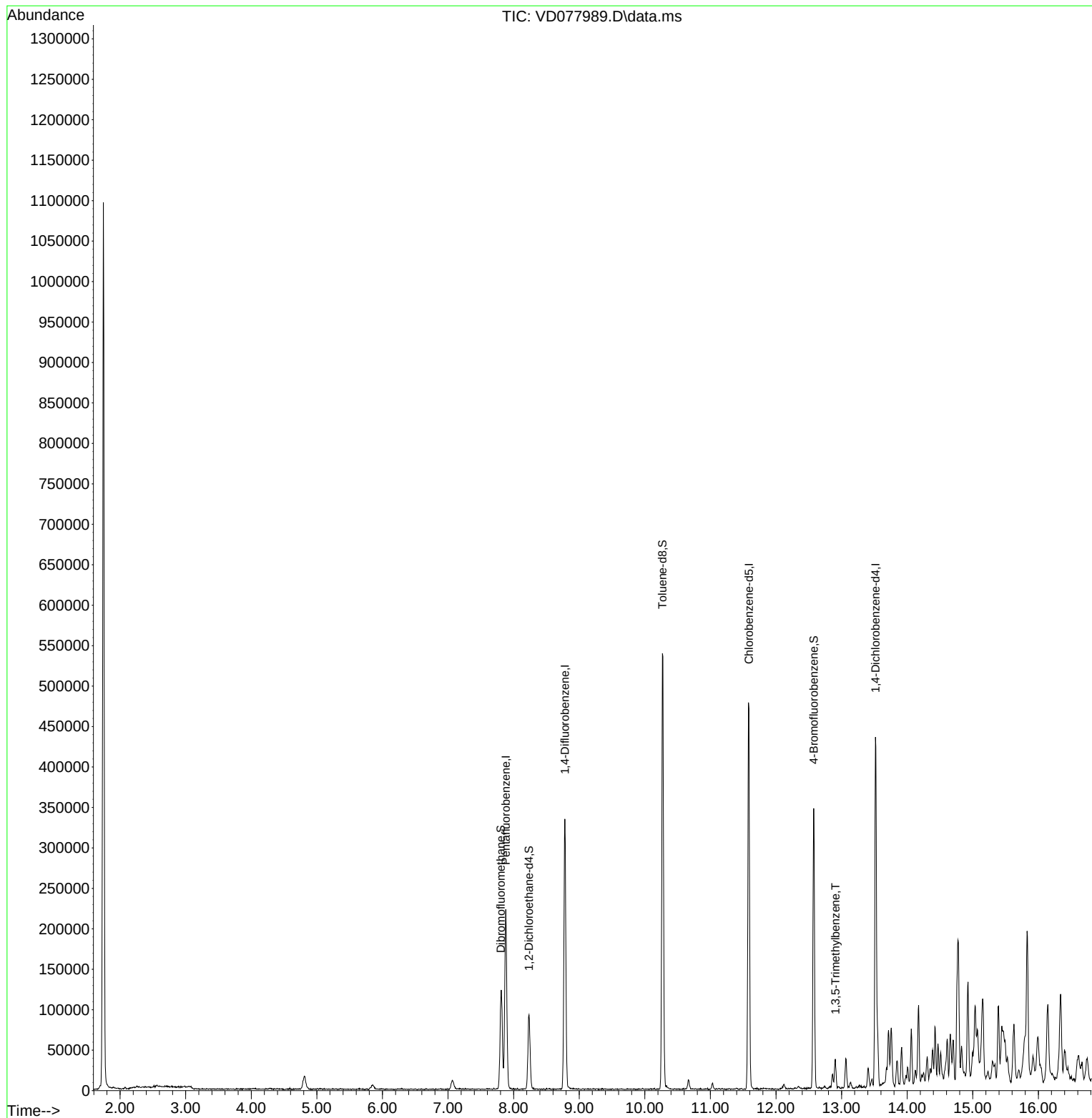
Internal Standards						
1) Pentafluorobenzene	7.881	168	164734	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	299032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	282350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71912	37.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.100%
35) Dibromofluoromethane	7.805	113	90033	42.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.960%
50) Toluene-d8	10.269	98	384132	45.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.575	95	103404	41.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.460%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.904	105	13758	1.833	ug/l	Qvalue 99

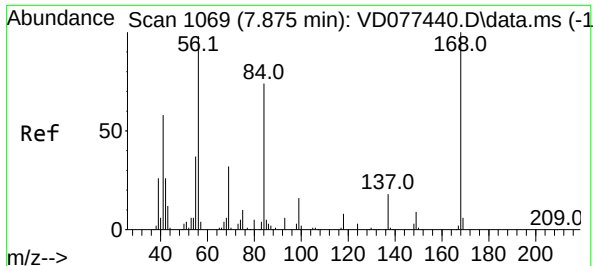
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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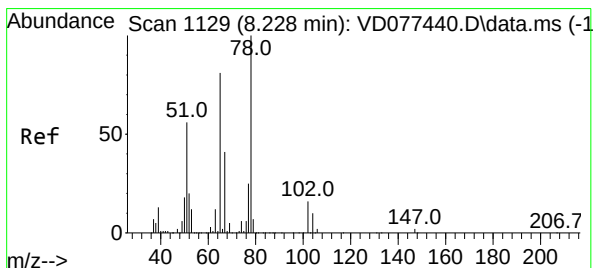
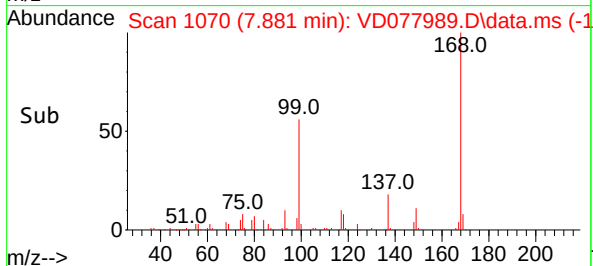
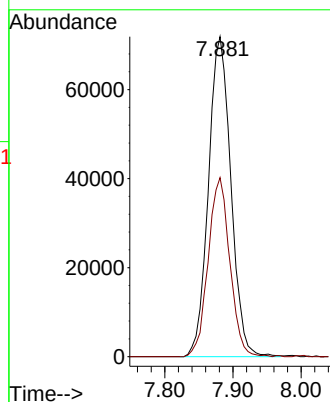
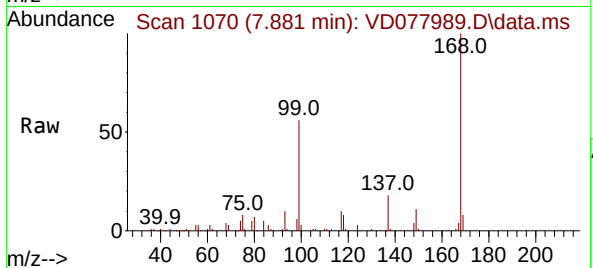




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077989.D
Acq: 20 Dec 2023 12:20

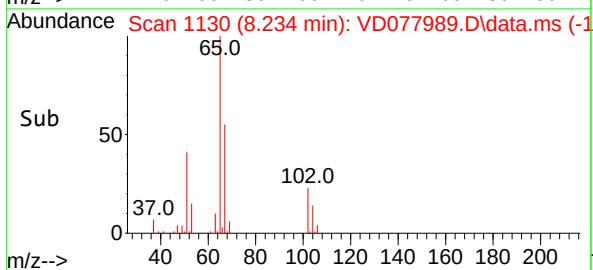
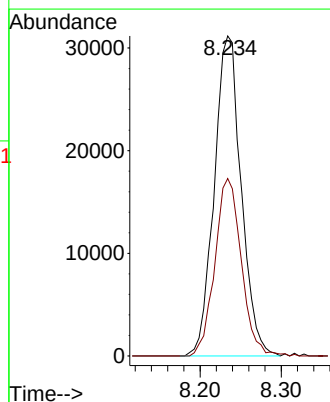
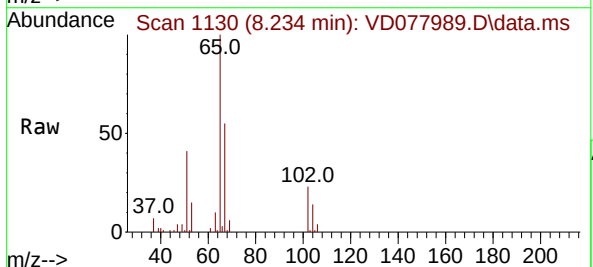
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121523

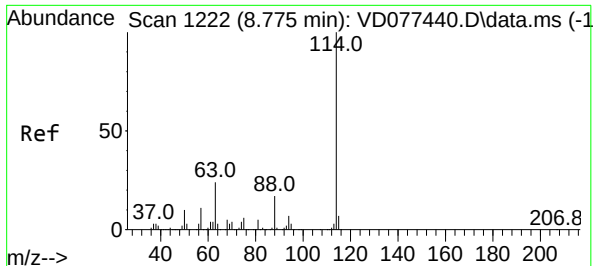
Tgt Ion:168 Resp: 164734
Ion Ratio Lower Upper
168 100
99 56.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 37.046 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077989.D
Acq: 20 Dec 2023 12:20

Tgt Ion: 65 Resp: 71912
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077989.D

Acq: 20 Dec 2023 12:20

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121523

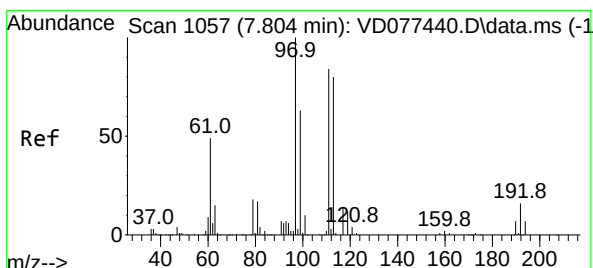
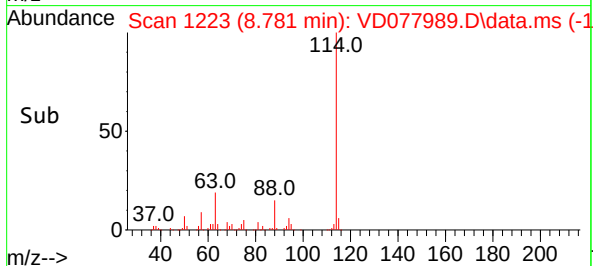
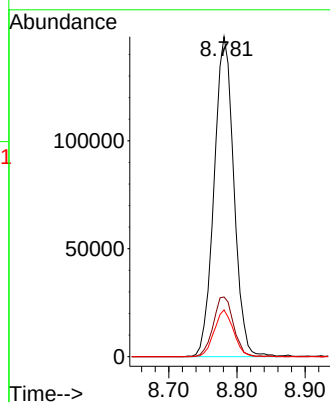
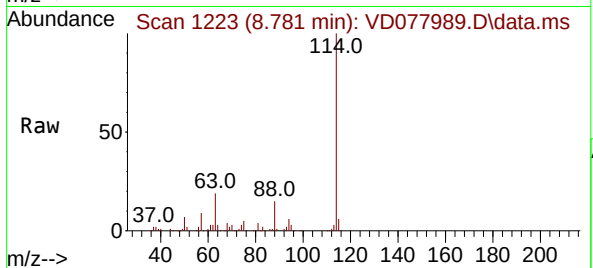
Tgt Ion:114 Resp: 299032

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.983 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077989.D

Acq: 20 Dec 2023 12:20

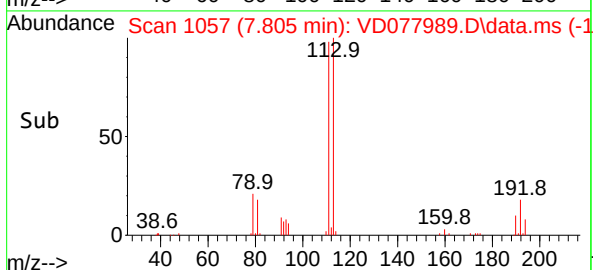
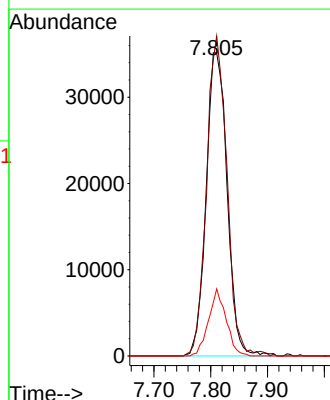
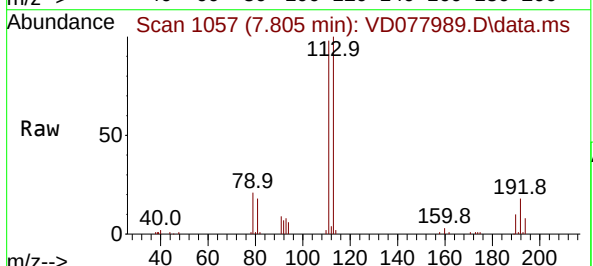
Tgt Ion:113 Resp: 90033

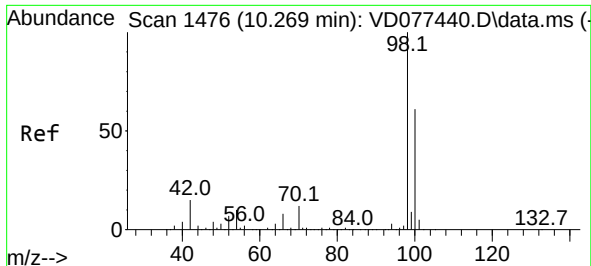
Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 18.6 16.8 25.2

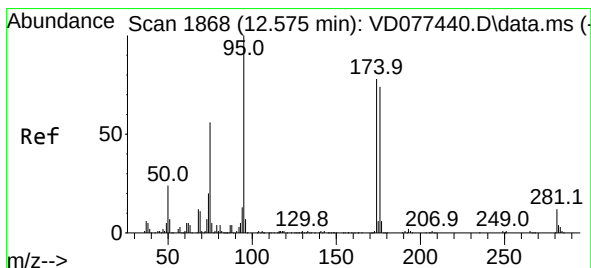
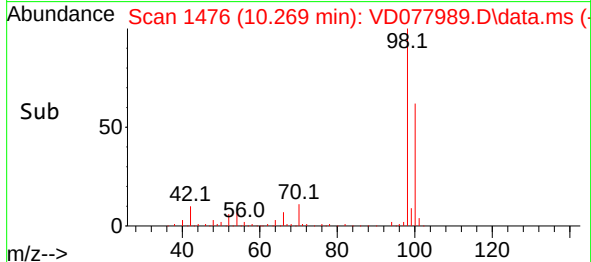
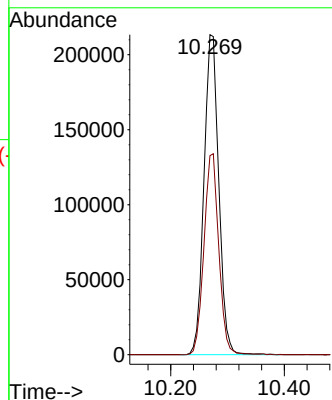
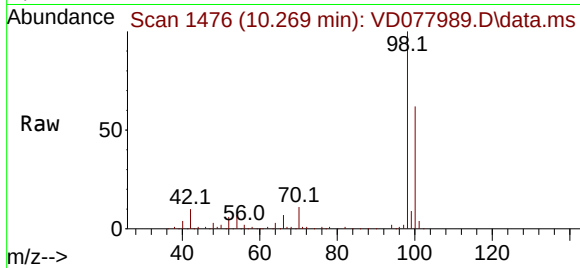




#50
Toluene-d8
Concen: 45.789 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077989.D
Acq: 20 Dec 2023 12:20

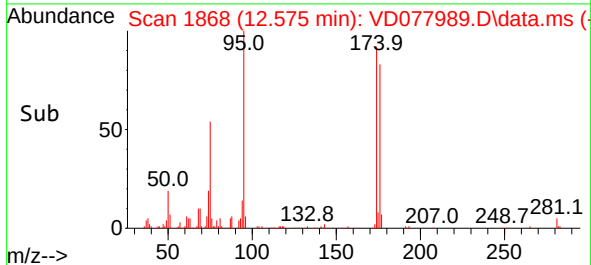
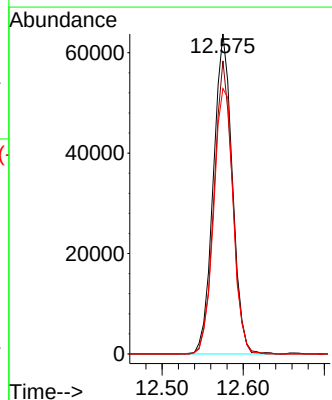
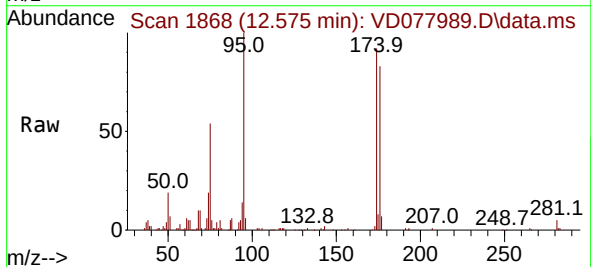
Instrument :
MSVOA_D
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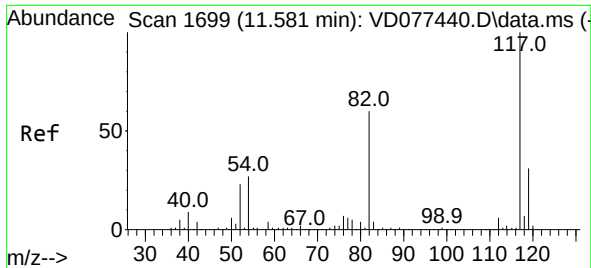
Tgt Ion: 98 Resp: 384132
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077989.D
Acq: 20 Dec 2023 12:20

Tgt Ion: 95 Resp: 103404
Ion Ratio Lower Upper
95 100
174 89.2 0.0 201.8
176 85.7 0.0 191.8

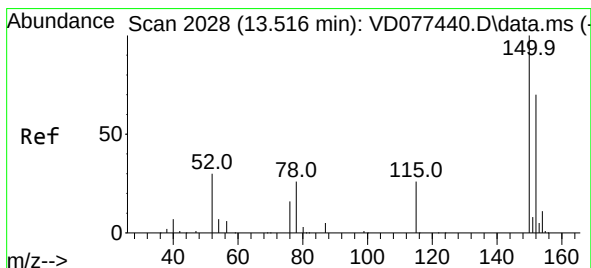
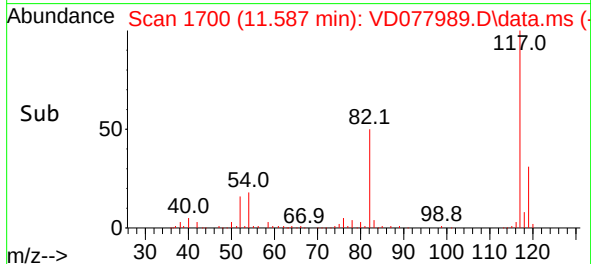
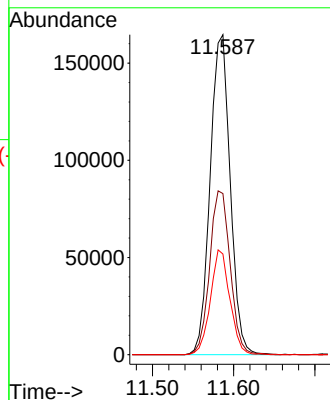
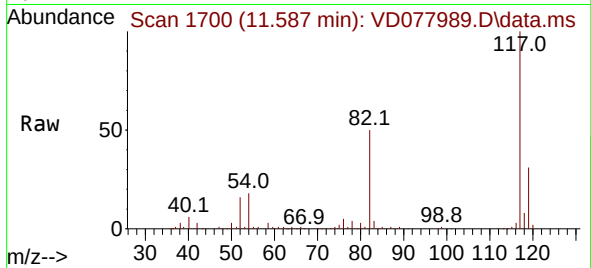




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077989.D
Acq: 20 Dec 2023 12:20

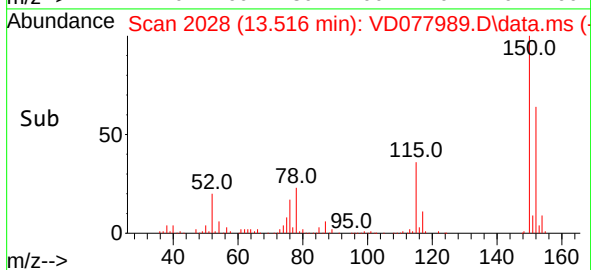
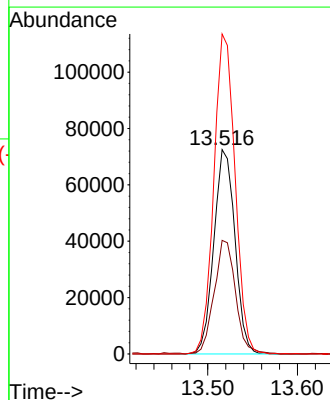
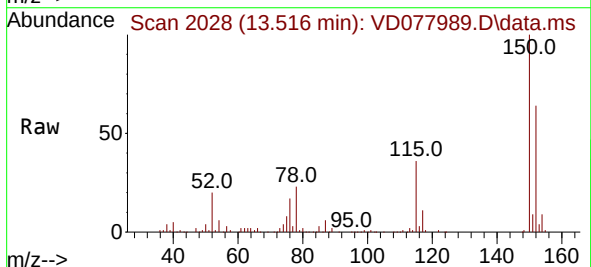
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121523

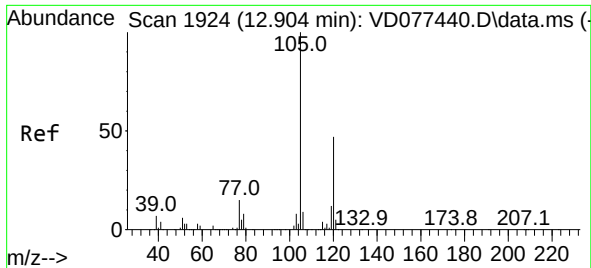
Tgt Ion:117 Resp: 282350
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077989.D
Acq: 20 Dec 2023 12:20

Tgt Ion:152 Resp: 118752
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 157.0 0.0 353.6





#80

1,3,5-Trimethylbenzene

Concen: 1.833 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077989.D

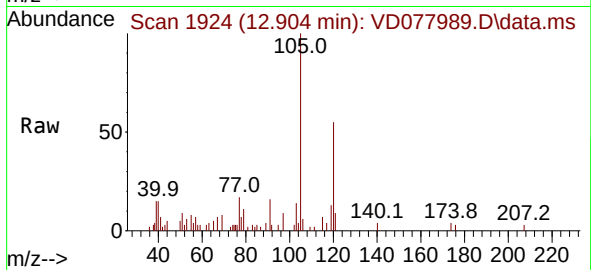
Acq: 20 Dec 2023 12:20

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121523



Tgt Ion:105 Resp: 13758

Ion Ratio Lower Upper

105 100

120 53.6 26.4 79.2

