

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077970.D
 Acq On : 19 Dec 2023 13:31
 Operator : RP/MD
 Sample : 05910-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONE

Quant Time: Dec 20 02:03:45 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	177695	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	307731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	273141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	108758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78248	37.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.740%
35) Dibromofluoromethane	7.804	113	92445	42.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.780%
50) Toluene-d8	10.269	98	381070	44.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.280%
62) 4-Bromofluorobenzene	12.575	95	101637	39.377	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.760%

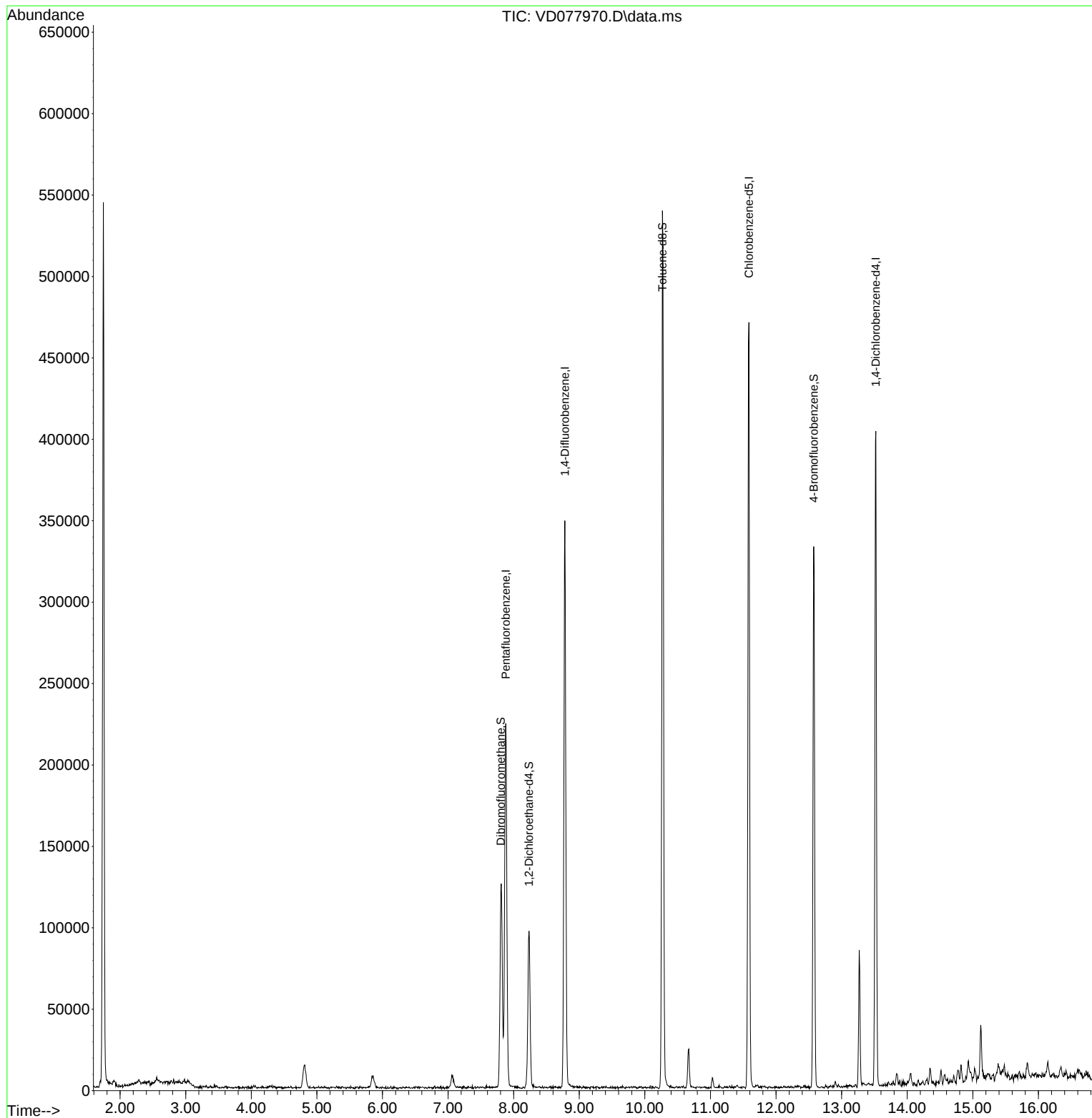
Target Compounds	Qvalue

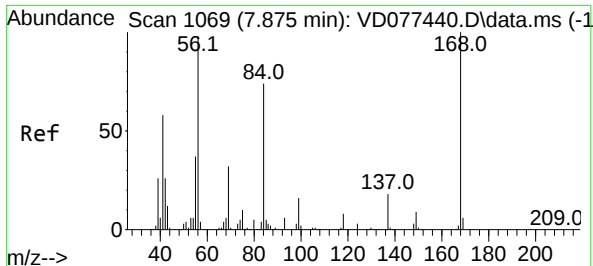
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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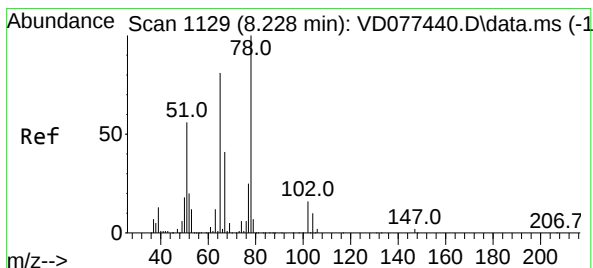
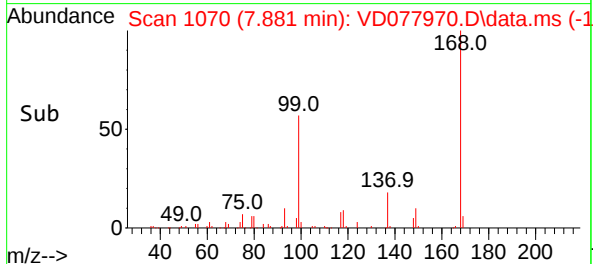
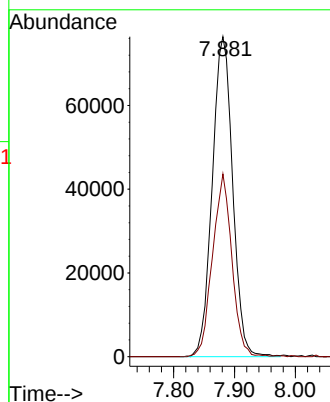
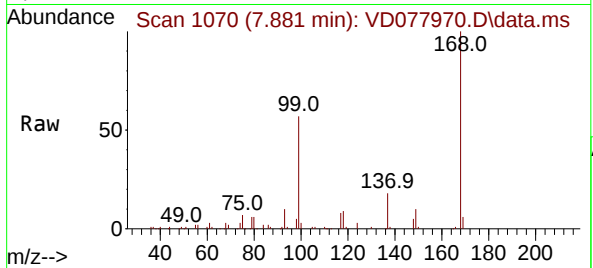




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077970.D
Acq: 19 Dec 2023 13:31

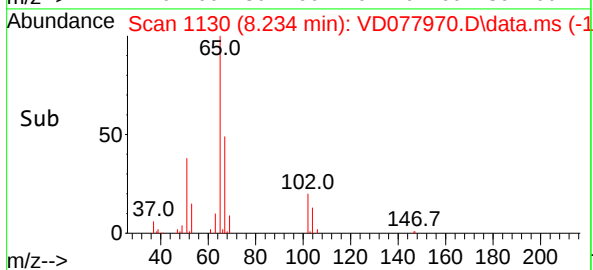
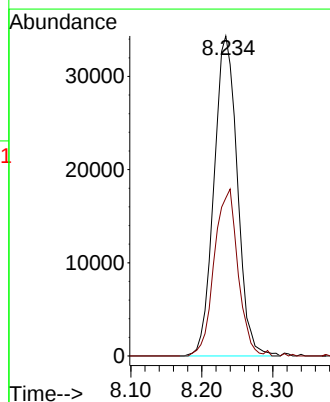
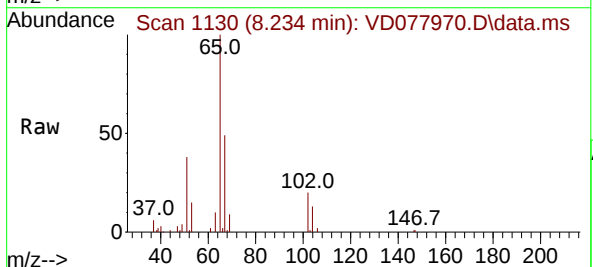
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONE

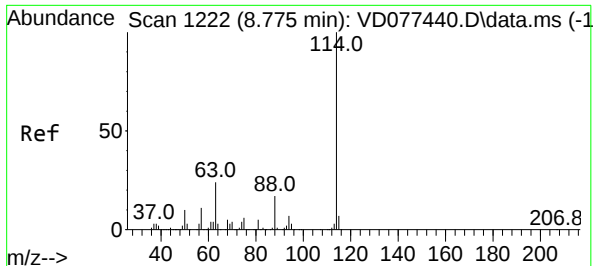
Tgt Ion:168 Resp: 177695
Ion Ratio Lower Upper
168 100
99 57.1 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 37.370 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077970.D
Acq: 19 Dec 2023 13:31

Tgt Ion: 65 Resp: 78248
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077970.D

Acq: 19 Dec 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONE

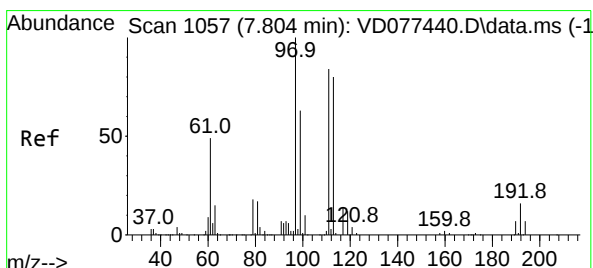
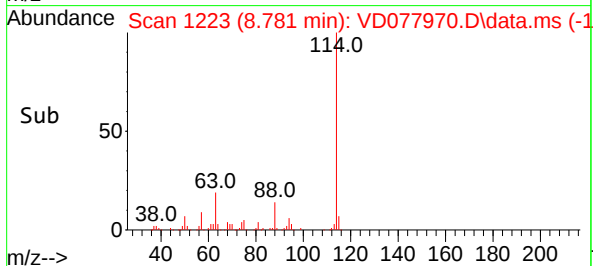
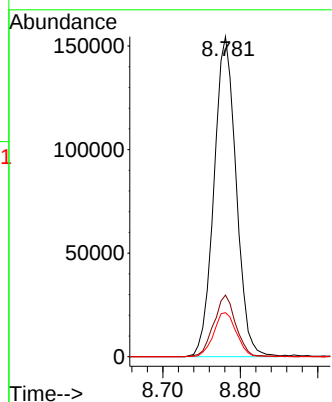
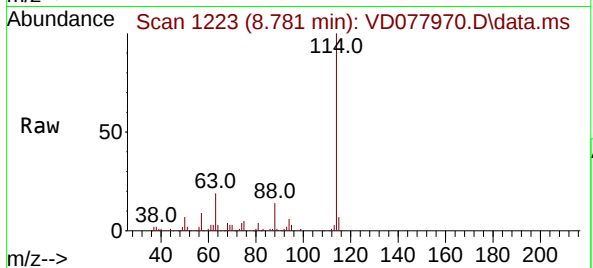
Tgt Ion:114 Resp: 307731

Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.887 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077970.D

Acq: 19 Dec 2023 13:31

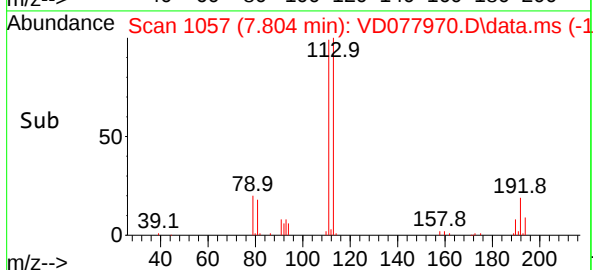
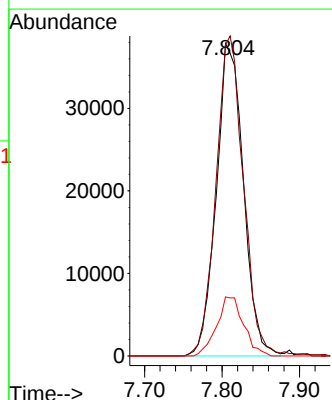
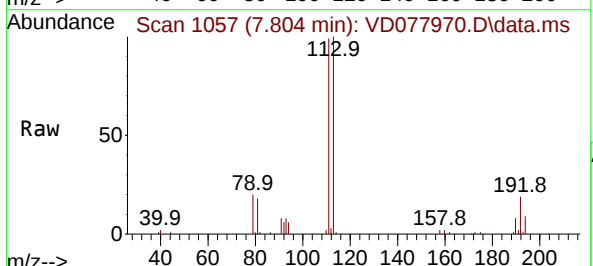
Tgt Ion:113 Resp: 92445

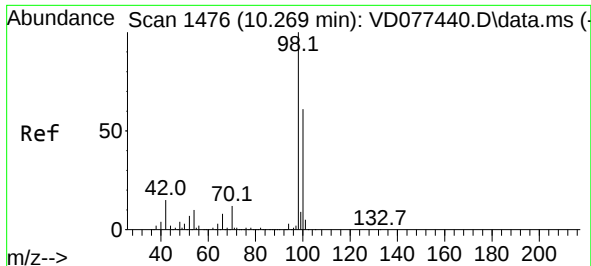
Ion Ratio Lower Upper

113 100

111 103.5 84.7 127.1

192 18.7 16.8 25.2

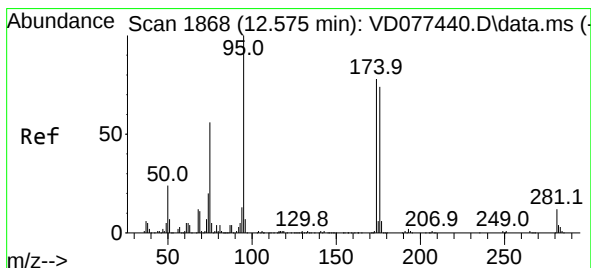
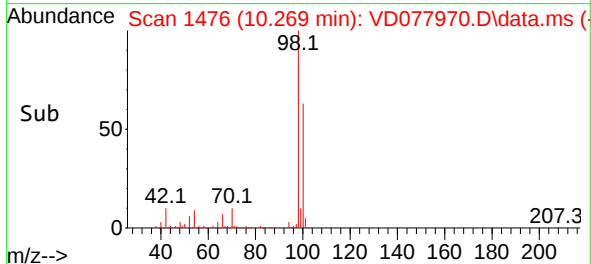
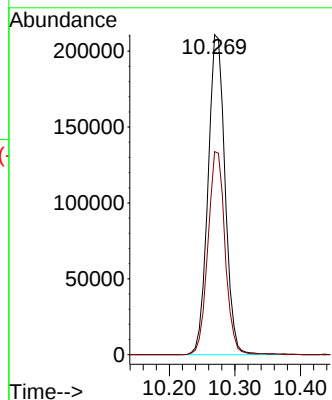
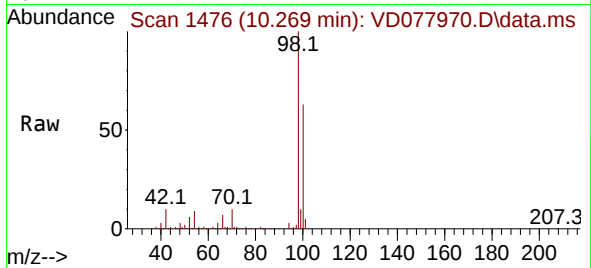




#50
Toluene-d8
Concen: 44.140 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077970.D
Acq: 19 Dec 2023 13:31

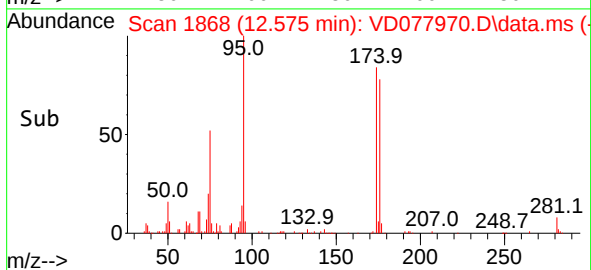
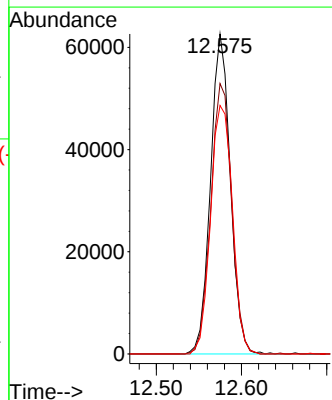
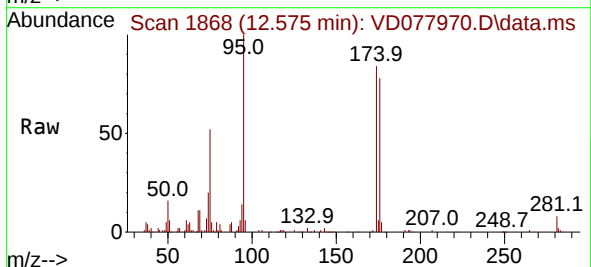
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MSVOA_D
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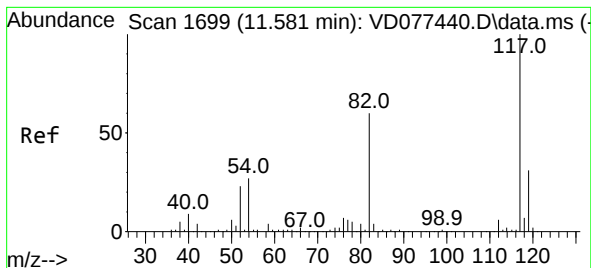
Tgt Ion: 98 Resp: 381070
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 39.377 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077970.D
Acq: 19 Dec 2023 13:31

Tgt Ion: 95 Resp: 101637
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 85.5 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: VD077970.D

Acq: 19 Dec 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONE

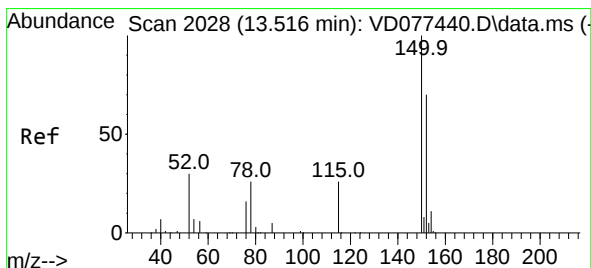
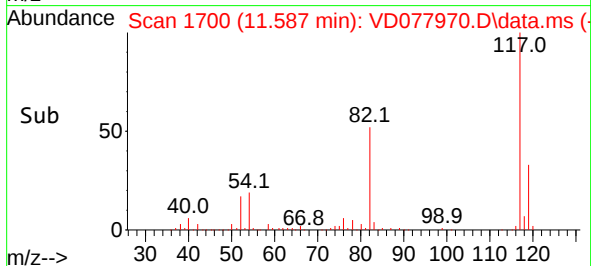
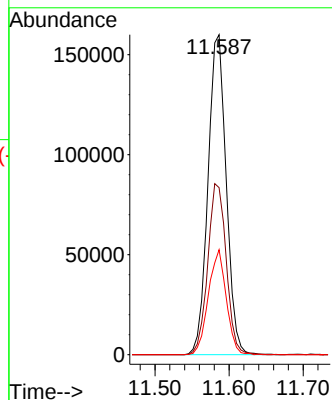
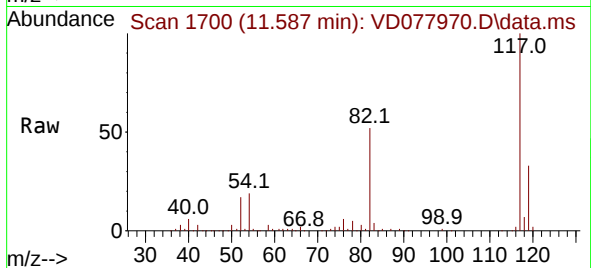
Tgt Ion:117 Resp: 273141

Ion Ratio Lower Upper

117 100

82 52.2 38.3 57.5

119 32.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077970.D

Acq: 19 Dec 2023 13:31

Tgt Ion:152 Resp: 108758

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 156.7 0.0 353.6

