

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077798.D
 Acq On : 08 Dec 2023 18:31
 Operator : JC/SY
 Sample : 05671-05
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-35

Quant Time: Dec 08 23:13:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	4700	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	9952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9474	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4012	72.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.880%	
35) Dibromofluoromethane	7.811	113	4463m	64.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.040%	
50) Toluene-d8	10.275	98	12253	43.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.780%	
62) 4-Bromofluorobenzene	12.569	95	3905	46.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.560%	

Target Compounds Qvalue

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

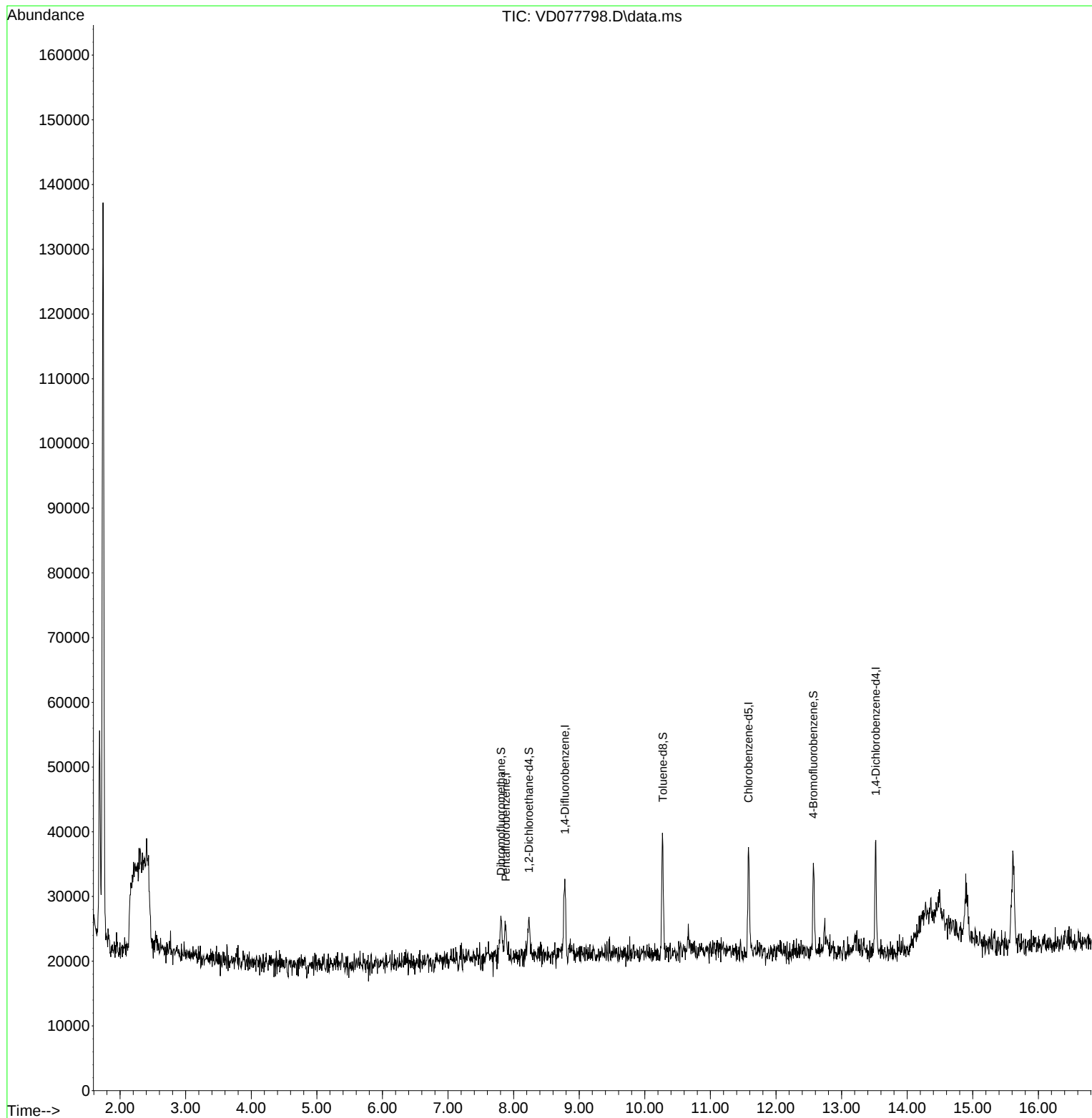
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
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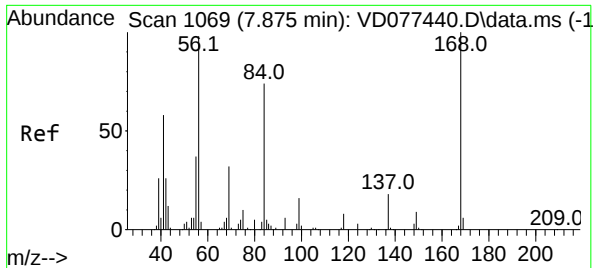
Instrument :
MSVOA_D
ClientSampleId :
TP-35

Quant Time: Dec 08 23:13:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
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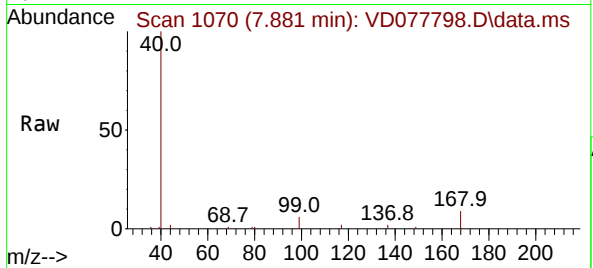
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VD077798.D
Acq: 08 Dec 2023 18:31

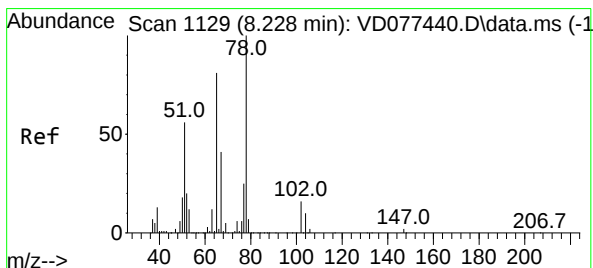
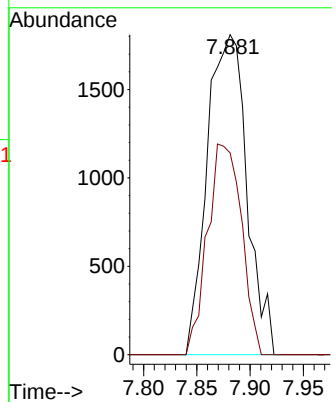
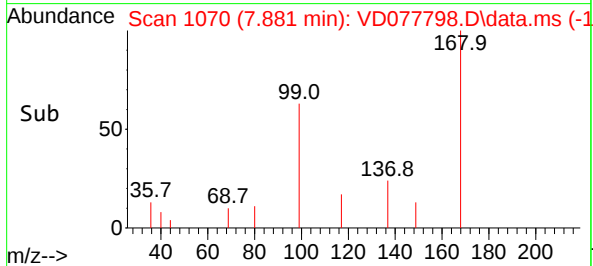
Instrument :
MSVOA_D
ClientSampleId :
TP-35



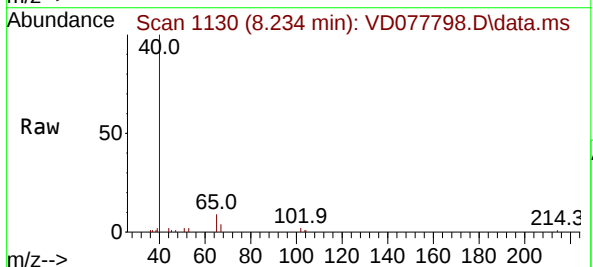
Tgt Ion:168 Resp: 4700
Ion Ratio Lower Upper
168 100
99 63.0 36.7 55.1

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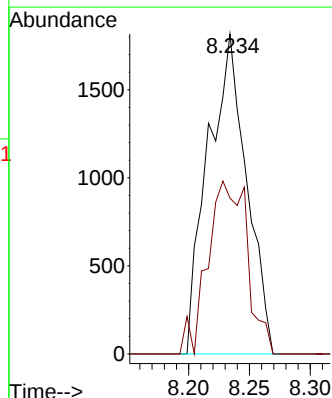
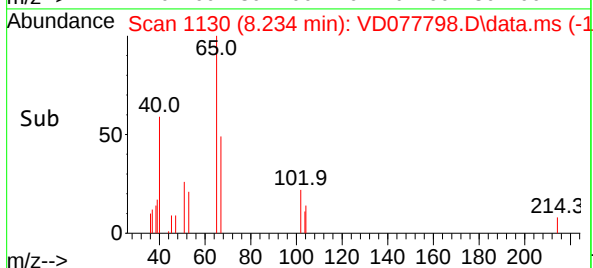
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Supervised By :Mahesh Dadoda 12/11/2023

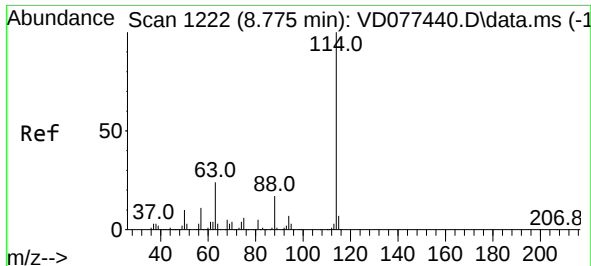


#33
1,2-Dichloroethane-d4
Concen: 72.441 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077798.D
Acq: 08 Dec 2023 18:31



Tgt Ion: 65 Resp: 4012
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VD077798.D

Acq: 08 Dec 2023 18:31

Instrument :

MSVOA_D

ClientSampleId :

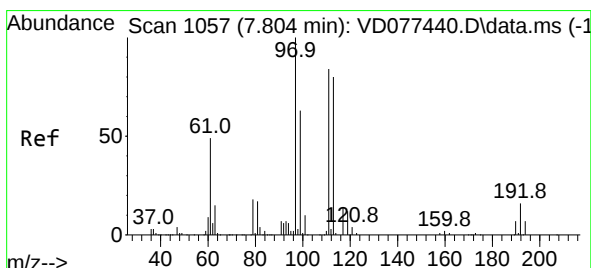
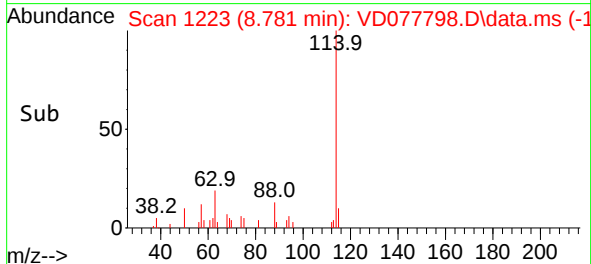
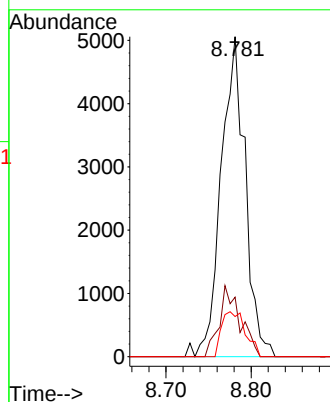
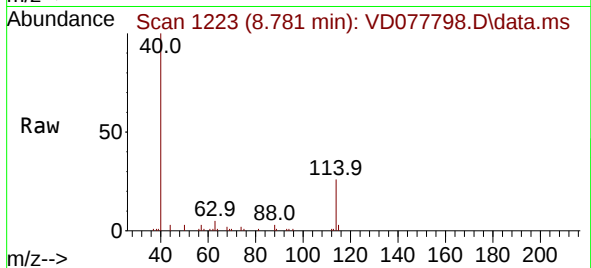
TP-35

Tgt Ion:	114	Resp:	995
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	33.4
88	12.5	0.0	26.2

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#35

Dibromofluoromethane

Concen: 64.022 ug/l m

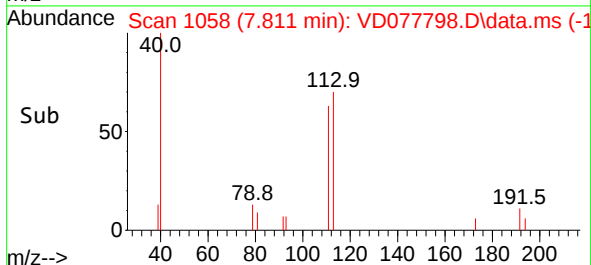
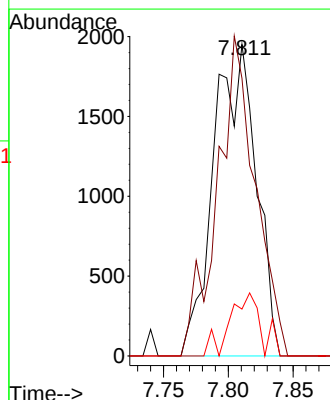
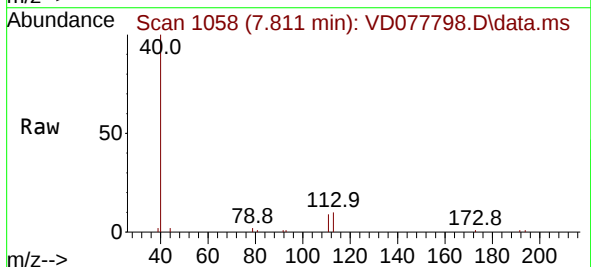
RT: 7.811 min Scan# 1058

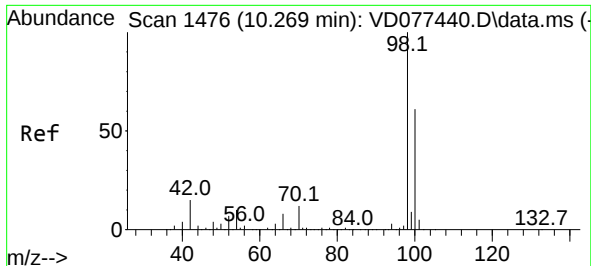
Delta R.T. 0.007 min

Lab File: VD077798.D

Acq: 08 Dec 2023 18:31

Tgt Ion:	113	Resp:	4463
Ion Ratio	Lower	Upper	
113	100		
111	0.0	84.7	127.1#
192	0.0	16.8	25.2#





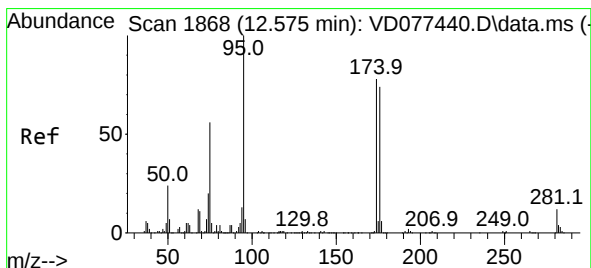
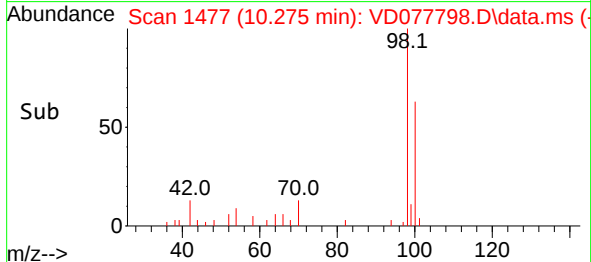
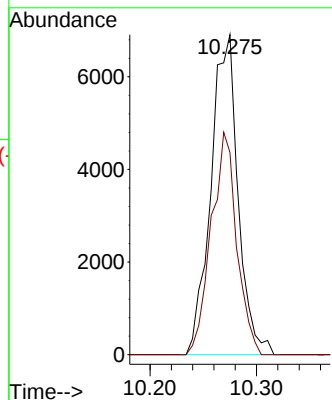
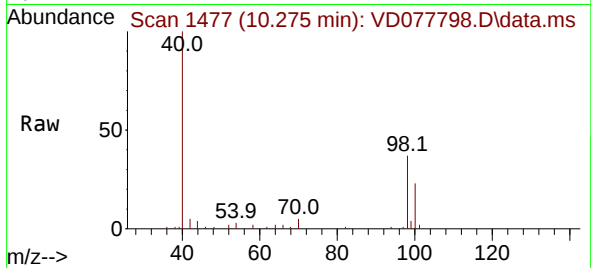
#50
Toluene-d8
Concen: 43.886 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077798.D
Acq: 08 Dec 2023 18:31

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 98 Resp: 1225
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

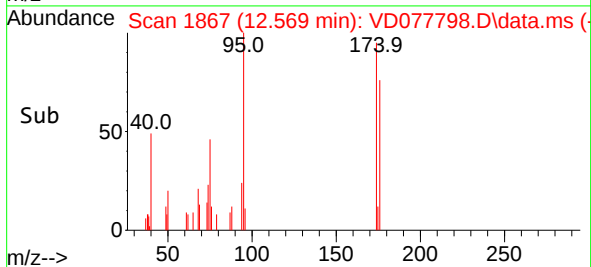
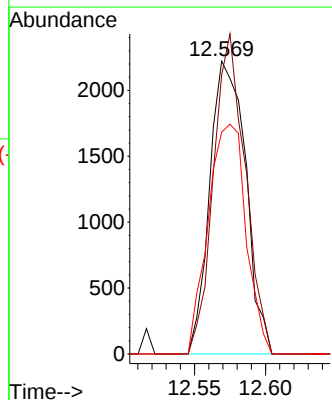
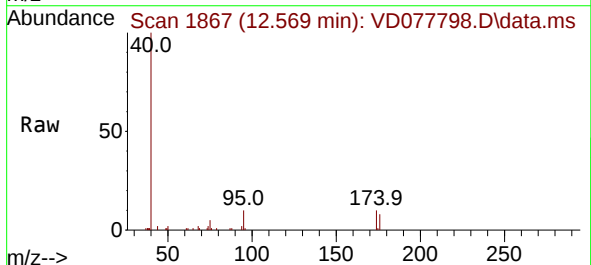
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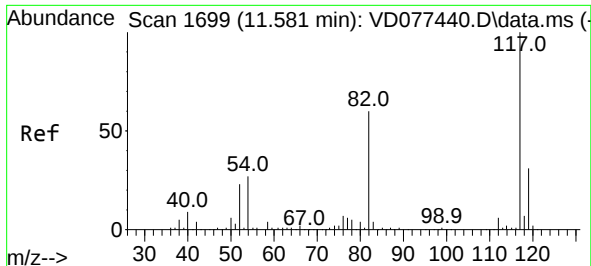
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#62
4-Bromofluorobenzene
Concen: 46.781 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077798.D
Acq: 08 Dec 2023 18:31

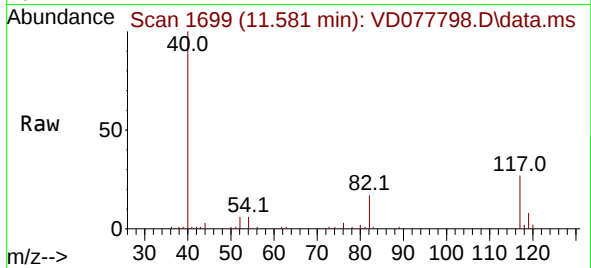
Tgt Ion: 95 Resp: 3905
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.8
176 82.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077798.D
Acq: 08 Dec 2023 18:31

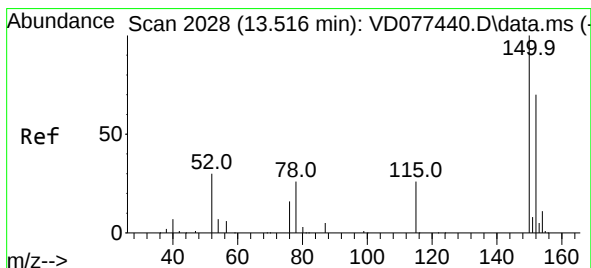
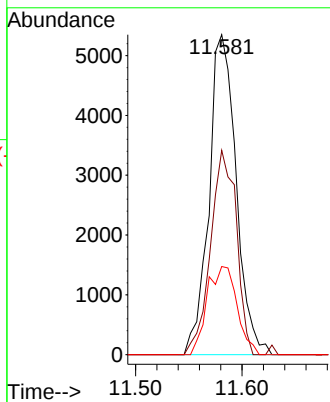
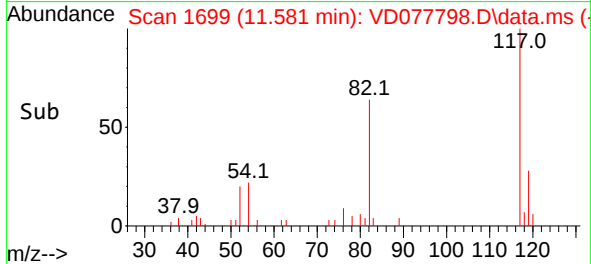
Instrument :
MSVOA_D
ClientSampleId :
TP-35



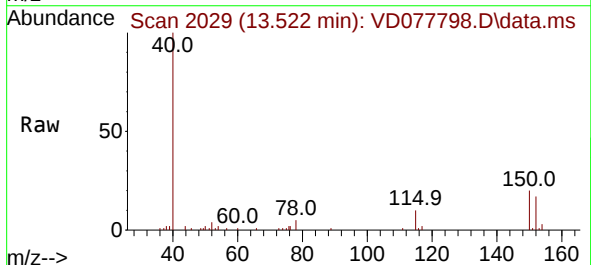
Tgt Ion:117 Resp: 9474
Ion Ratio Lower Upper
117 100
82 63.8 38.3 57.5
119 27.5 25.0 37.4

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Supervised By :Mahesh Dadoda 12/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077798.D
Acq: 08 Dec 2023 18:31



Tgt Ion:152 Resp: 4661
Ion Ratio Lower Upper
152 100
115 52.9 27.1 81.3
150 157.8 0.0 353.6

