

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077979.D
 Acq On : 19 Dec 2023 17:33
 Operator : RP/MD
 Sample : 05789-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E8965C-S-001

Quant Time: Dec 20 02:07:23 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	155284	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	290322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	278506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	138788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78281	42.781	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.560%		
35) Dibromofluoromethane	7.810	113	73666	36.224	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	72.440%		
50) Toluene-d8	10.269	98	368197	45.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.420%		
62) 4-Bromofluorobenzene	12.575	95	111277	45.697	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.400%		
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.681	91	14771	1.274	ug/l	92
68) m/p-Xylenes	11.793	106	21841	4.924	ug/l	90
69) o-Xylene	12.122	106	15727	3.848	ug/l	96
70) Styrene	12.140	104	9360	1.540	ug/l	# 75
78) n-propylbenzene	12.763	91	38473	3.002	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	120320	13.715	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	411424	46.887	ug/l	97
95) Naphthalene	15.334	128	1221636	250.149	ug/l	99

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

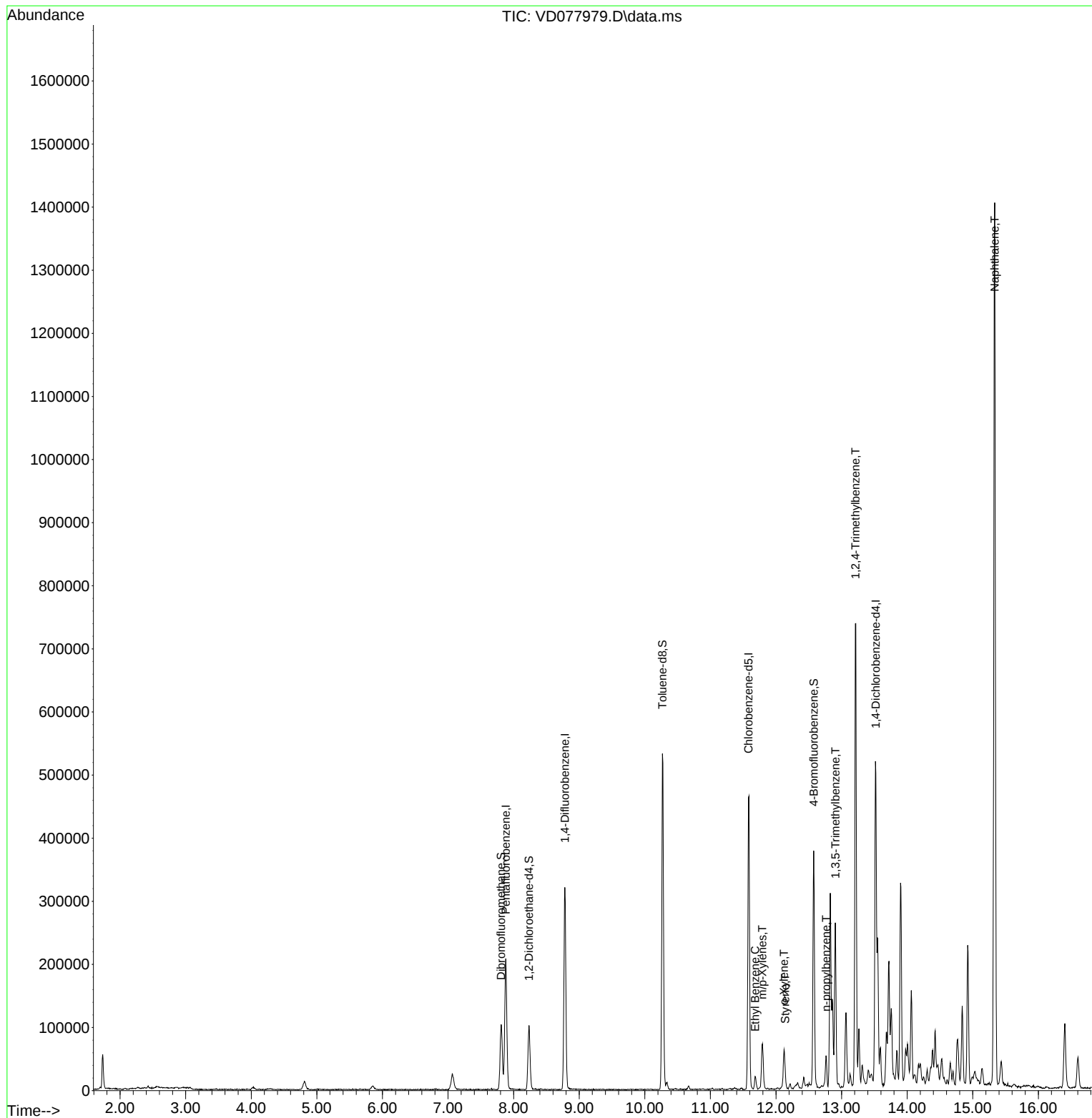
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
Data File : VD077979.D
Acq On : 19 Dec 2023 17:33
Operator : RP/MD
Sample : 05789-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

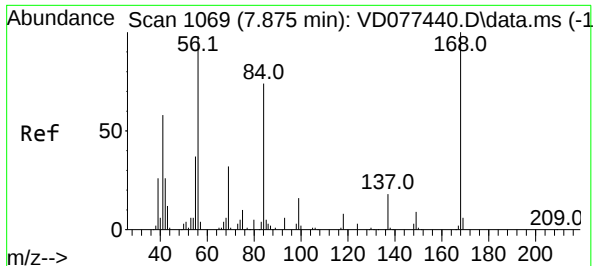
Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-001

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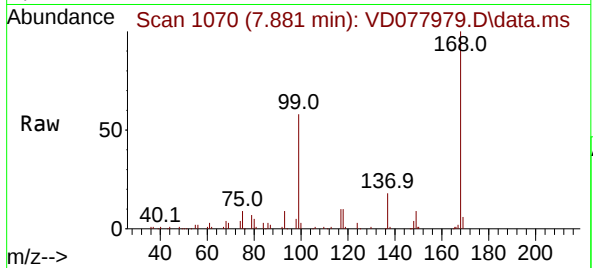
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

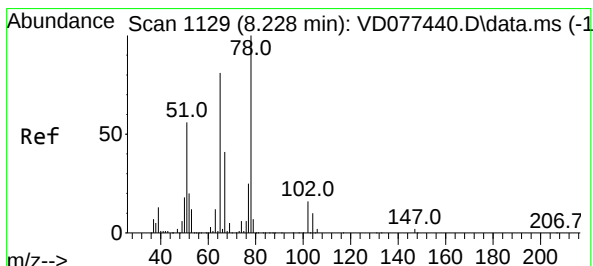
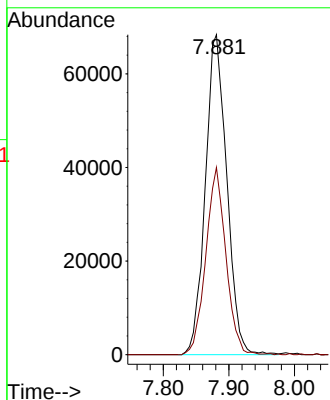
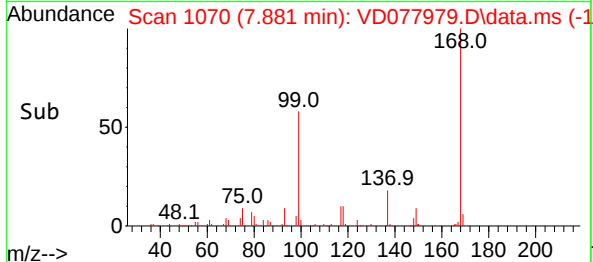
Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-001



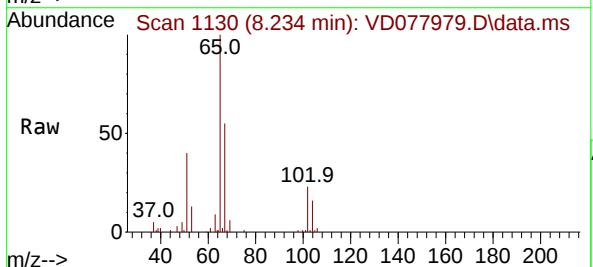
Tgt Ion:168 Resp: 155284
Ion Ratio Lower Upper
168 100
99 58.5 36.7 55.1

Manual Integrations
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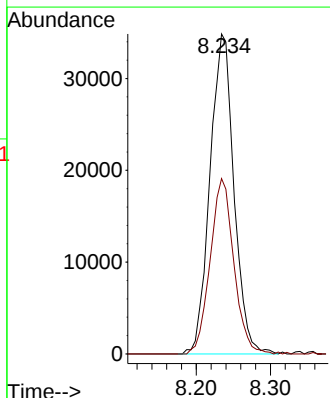
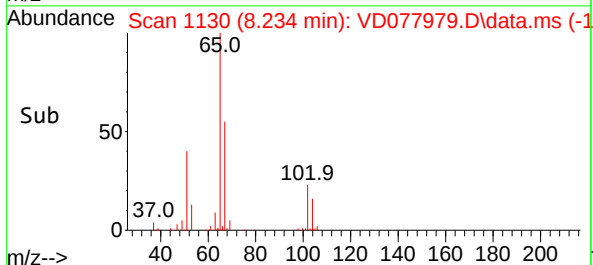
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#33
1,2-Dichloroethane-d4
Concen: 42.781 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33



Tgt Ion: 65 Resp: 78281
Ion Ratio Lower Upper
65 100
67 54.1 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: VD077979.D

Acq: 19 Dec 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

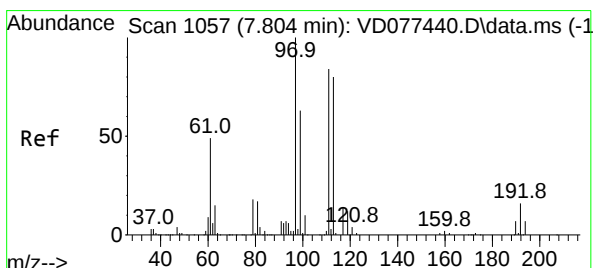
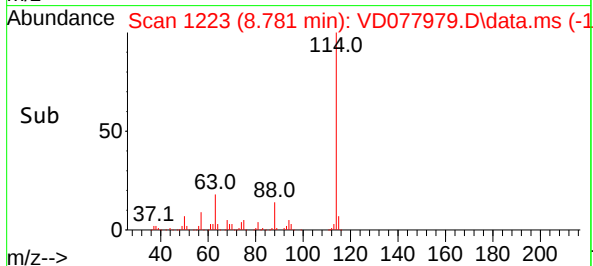
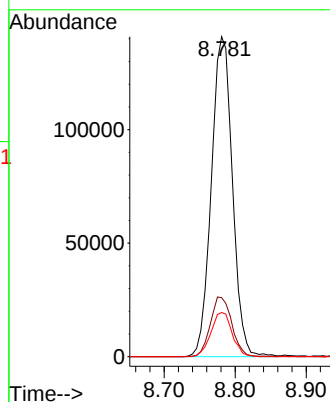
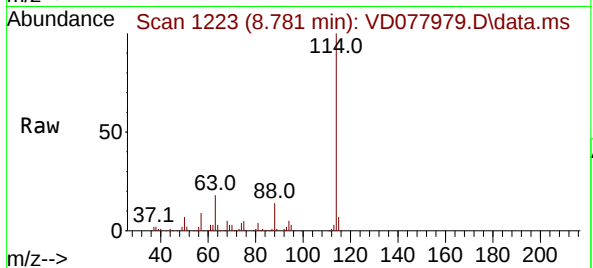
E8965C-S-001

Tgt Ion:	114	Resp:	29032
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	33.4
88	13.8	0.0	26.2

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#35

Dibromofluoromethane

Concen: 36.224 ug/l

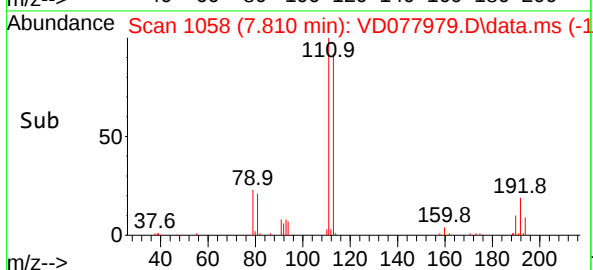
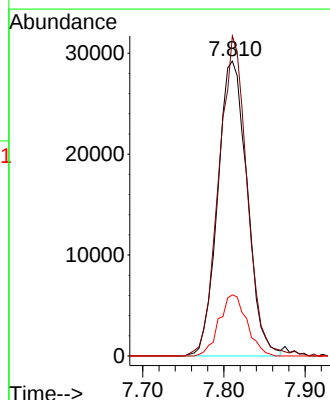
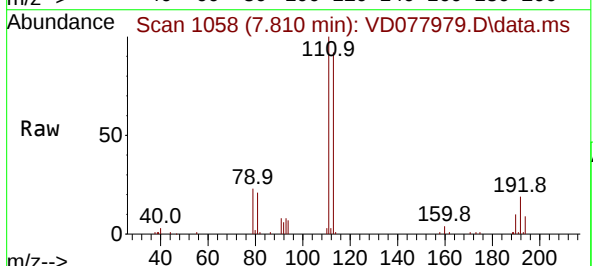
RT: 7.810 min Scan# 1058

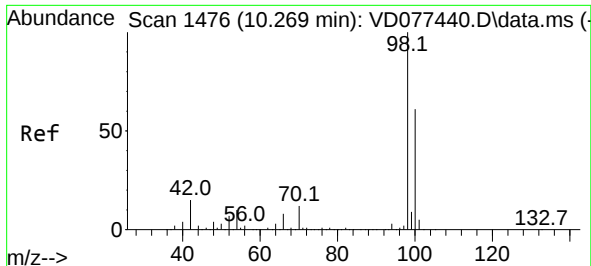
Delta R.T. 0.006 min

Lab File: VD077979.D

Acq: 19 Dec 2023 17:33

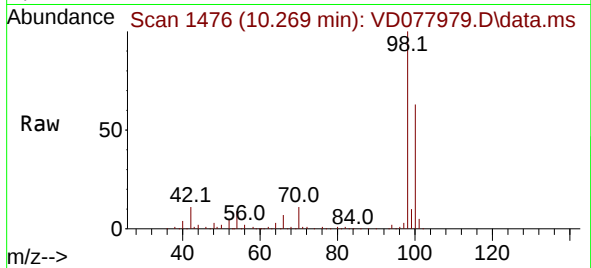
Tgt Ion:	113	Resp:	73666
Ion Ratio	Lower	Upper	
113	100		
111	104.3	84.7	127.1
192	19.5	16.8	25.2





#50
Toluene-d8
Concen: 45.206 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

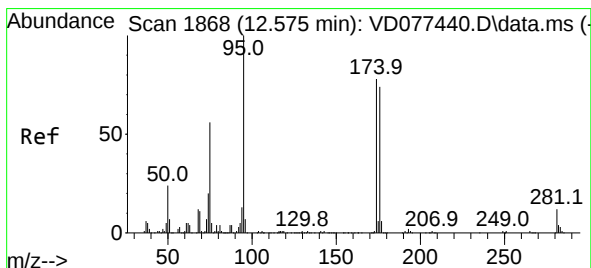
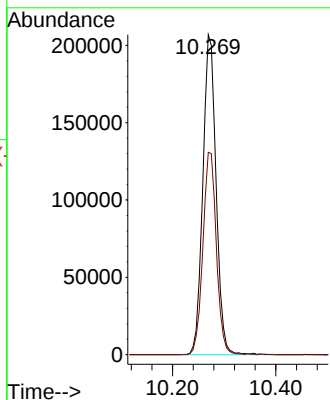
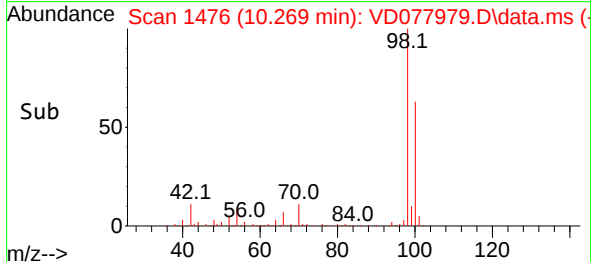
Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-001



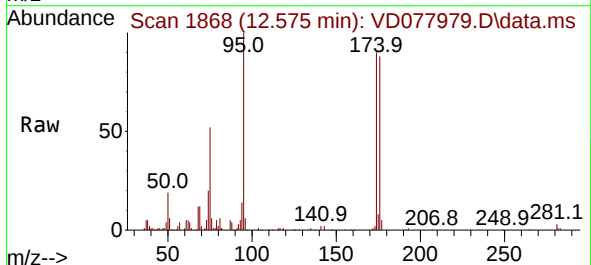
Tgt Ion: 98 Resp: 36819
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

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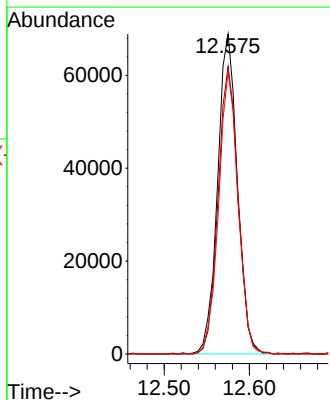
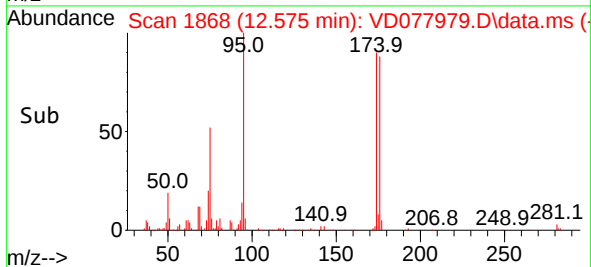
Reviewed By :Mahesh Dadoda 12/20/2023
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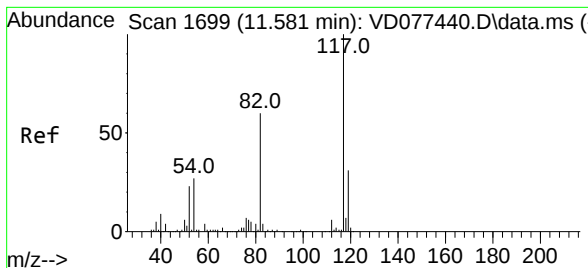


#62
4-Bromofluorobenzene
Concen: 45.697 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33



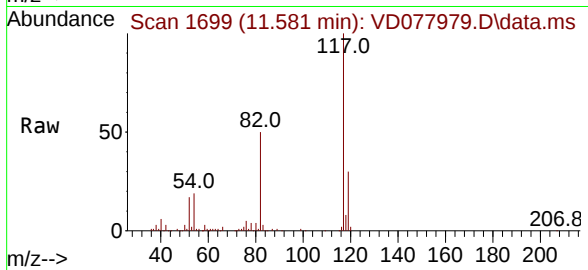
Tgt Ion: 95 Resp: 111277
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 86.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

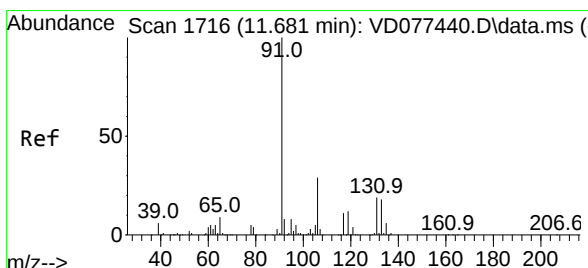
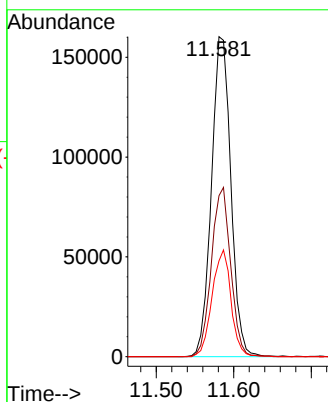
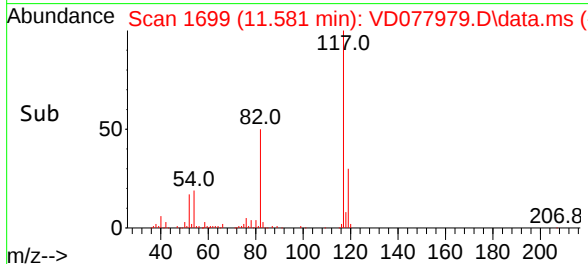
Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-001



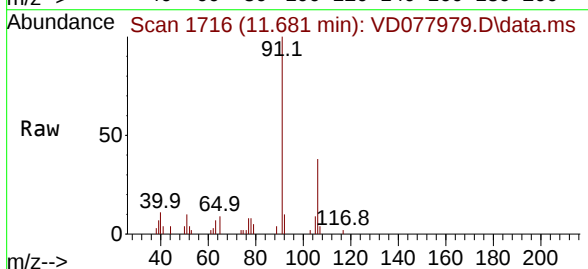
Tgt Ion:117 Resp: 278500
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 30.0 25.0 37.4

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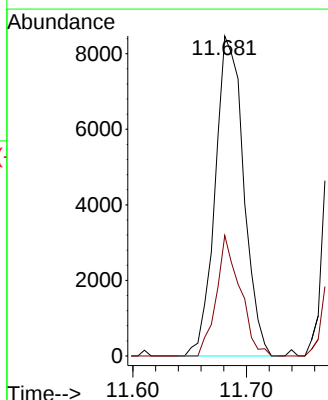
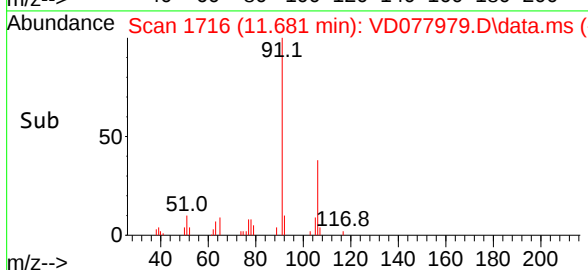
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

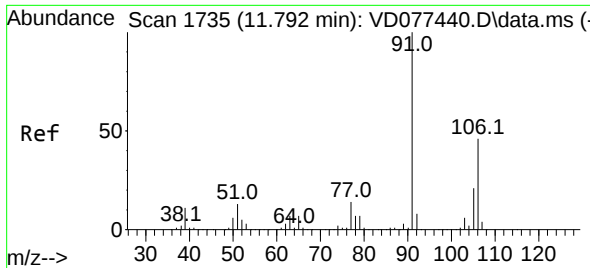


#67
Ethyl Benzene
Concen: 1.274 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33



Tgt Ion: 91 Resp: 14771
Ion Ratio Lower Upper
91 100
106 37.7 26.5 39.7





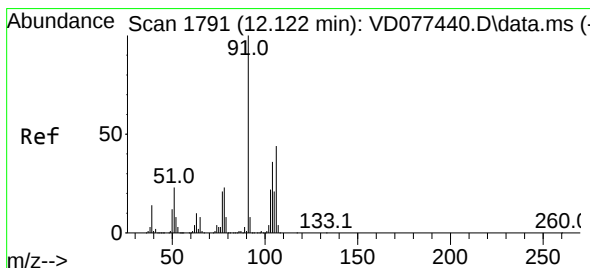
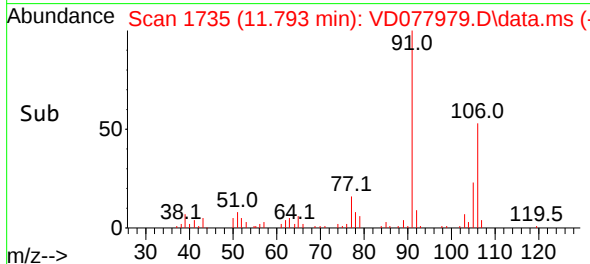
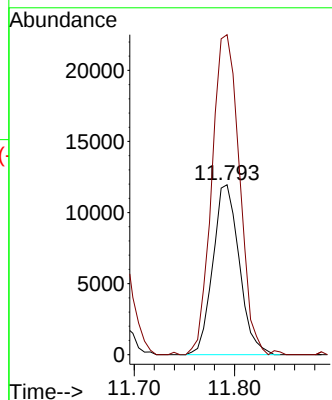
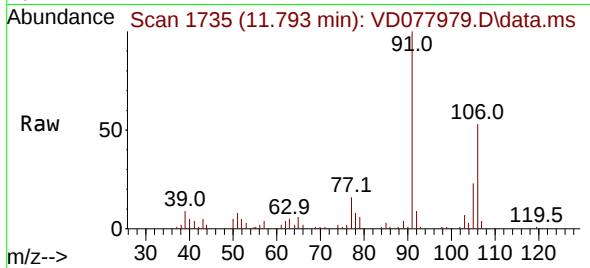
#68
m/p-Xylenes
Concen: 4.924 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-001

Tgt Ion:106 Resp: 2184
Ion Ratio Lower Upper
106 100
91 197.5 147.0 220.6

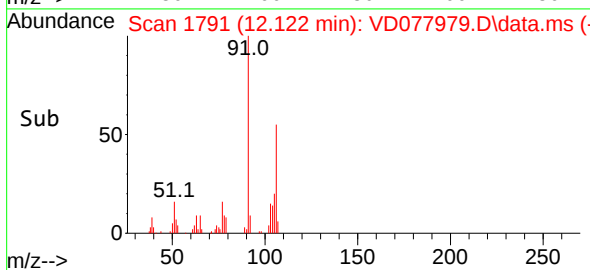
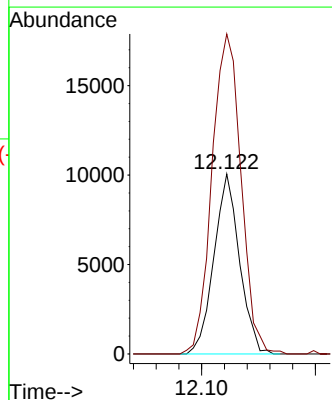
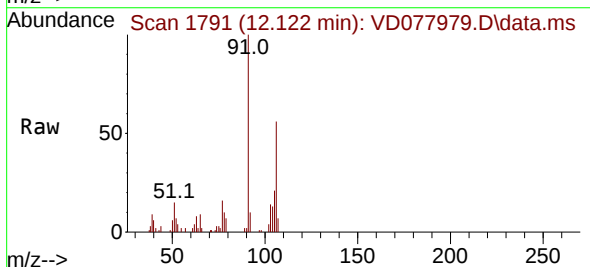
Manual Integrations
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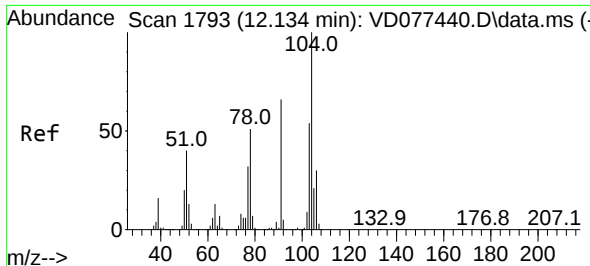
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#69
o-Xylene
Concen: 3.848 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

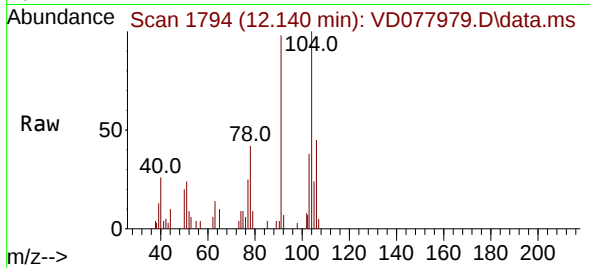
Tgt Ion:106 Resp: 15727
Ion Ratio Lower Upper
106 100
91 201.9 97.9 293.6





#70
Styrene
Concen: 1.540 ug/l
RT: 12.140 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

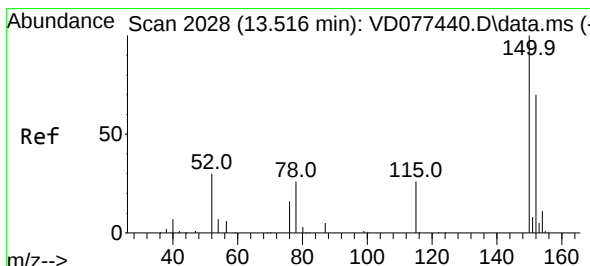
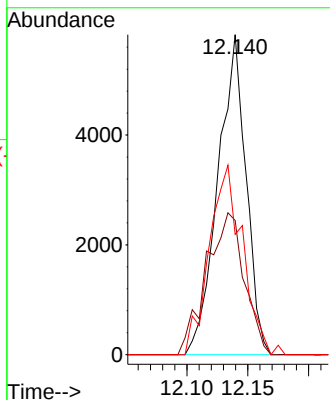
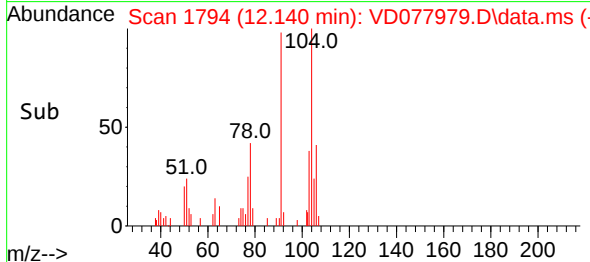
Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-001



Tgt Ion:104 Resp: 9360
Ion Ratio Lower Upper
104 100
78 59.9 33.2 49.8
103 70.2 43.6 65.4

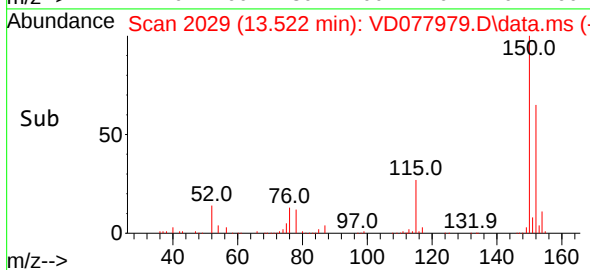
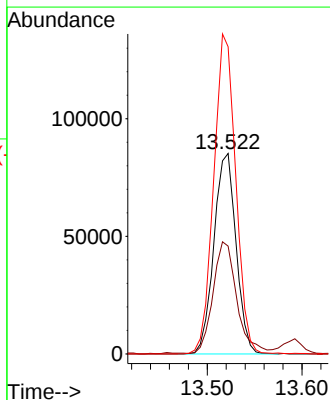
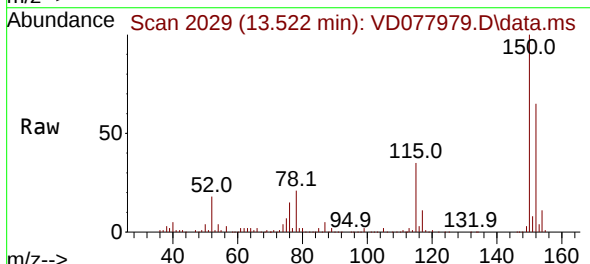
Manual Integrations
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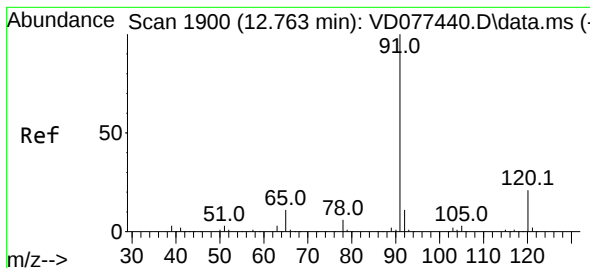
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077979.D
Acq: 19 Dec 2023 17:33

Tgt Ion:152 Resp: 138788
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 158.3 0.0 353.6





#78

n-propylbenzene

Concen: 3.002 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077979.D

Acq: 19 Dec 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

E8965C-S-001

Tgt Ion: 91 Resp: 3847

Ion Ratio Lower Upper

91 100

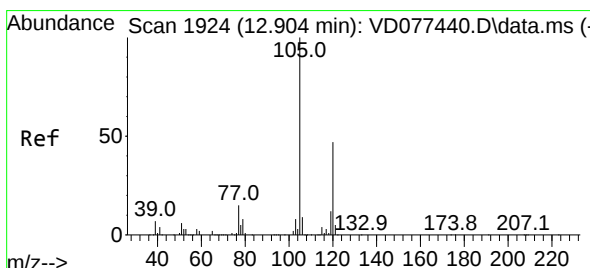
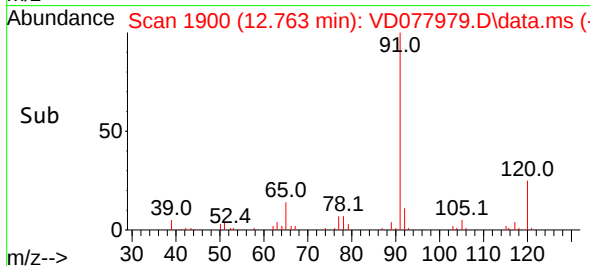
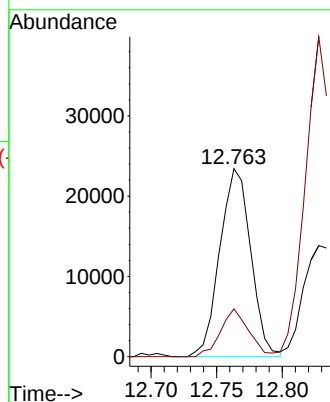
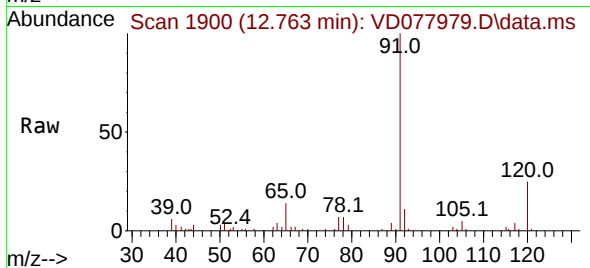
120 23.2 12.4 37.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 13.715 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077979.D

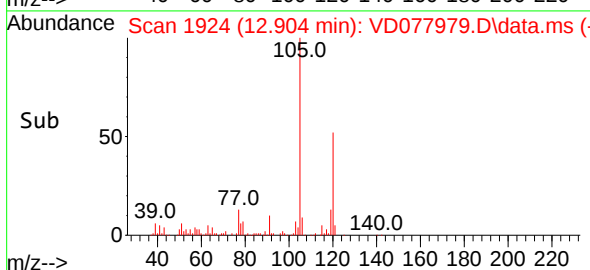
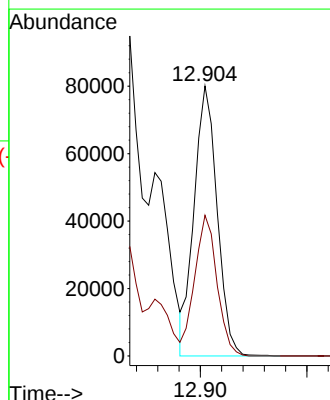
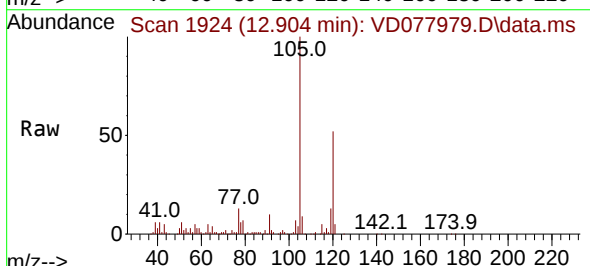
Acq: 19 Dec 2023 17:33

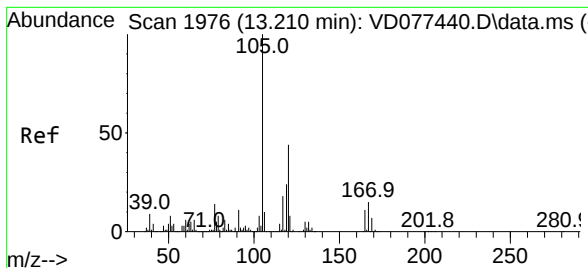
Tgt Ion:105 Resp: 120320

Ion Ratio Lower Upper

105 100

120 50.5 26.4 79.2





#84

1,2,4-Trimethylbenzene

Concen: 46.887 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077979.D

Acq: 19 Dec 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

E8965C-S-001

Tgt Ion:105 Resp: 411424

Ion Ratio Lower Upper

105 100

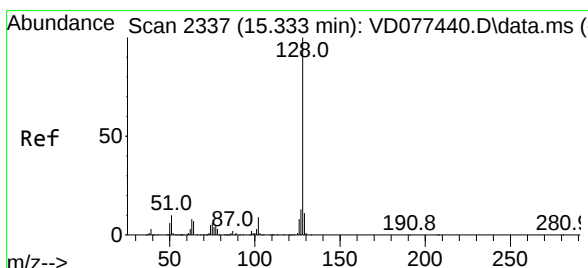
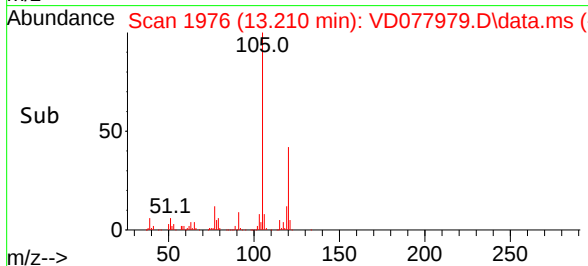
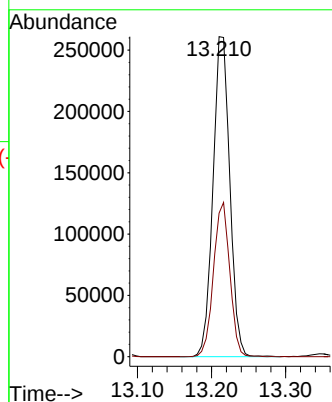
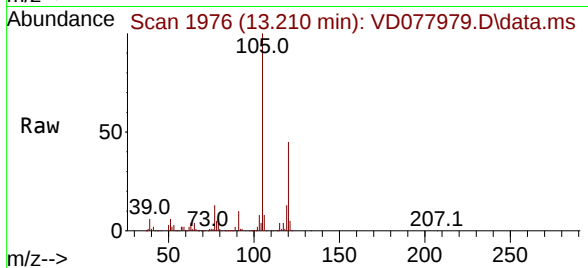
120 46.7 24.3 72.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#95

Naphthalene

Concen: 250.149 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD077979.D

Acq: 19 Dec 2023 17:33

Tgt Ion:128 Resp: 1221636

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.7 13.1

