

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081382.D
 Acq On : 12 Mar 2024 19:02
 Operator : JC\MD
 Sample : P1734-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1341

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 04:56:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	314668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	498657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	235974	51.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.740%			
35) Dibromofluoromethane	8.171	113	179720	51.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	10.571	98	680864	51.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	219551	47.412	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.820%			
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	10910m	6.768	ug/l	
25) 2-Butanone	7.489	43	4146	1.536	ug/l	100
40) Benzene	8.606	78	6481	0.384	ug/l	96
52) Toluene	10.624	92	3866	0.379	ug/l	95
68) m/p-Xylenes	12.071	106	3956	0.555	ug/l	74
69) o-Xylene	12.406	106	1544	0.224	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	3218	0.238	ug/l	98
95) Naphthalene	15.641	128	3742	0.284	ug/l #	92

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

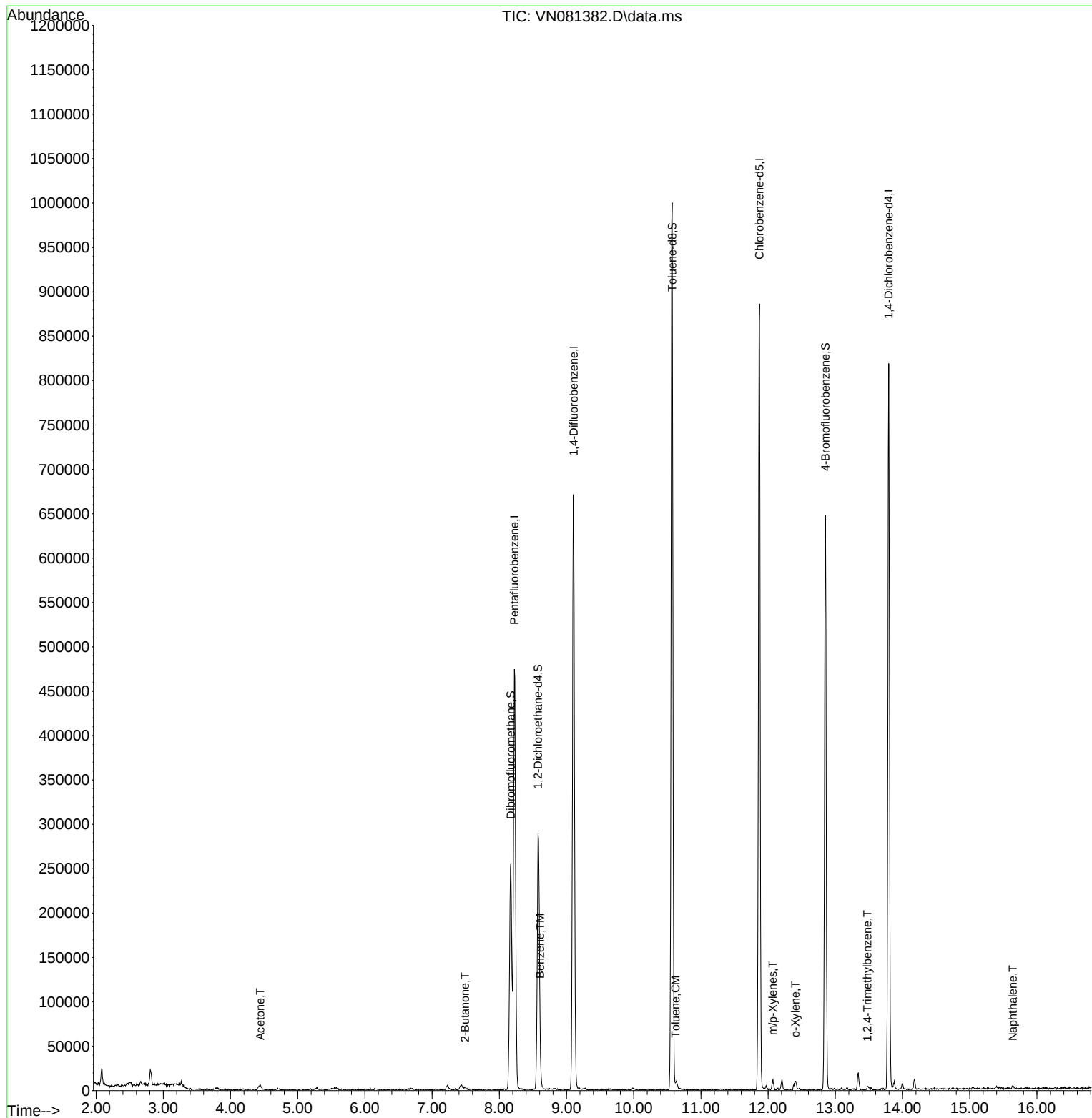
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
Data File : VN081382.D
Acq On : 12 Mar 2024 19:02
Operator : JC\MD
Sample : P1734-04 10X
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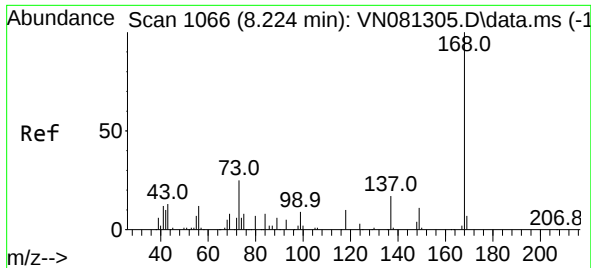
Instrument :
MSVOA_N
ClientSampleId :
1341

Quant Time: Mar 13 04:56:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

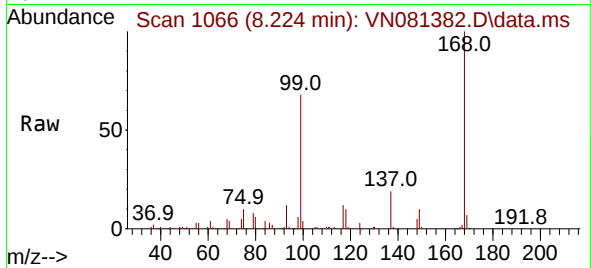
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

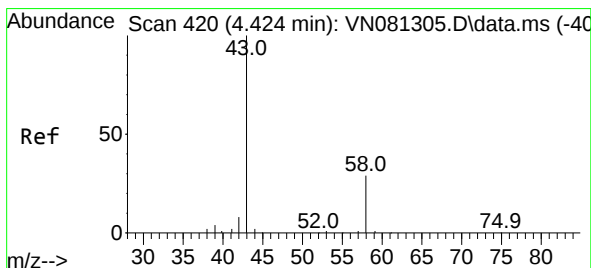
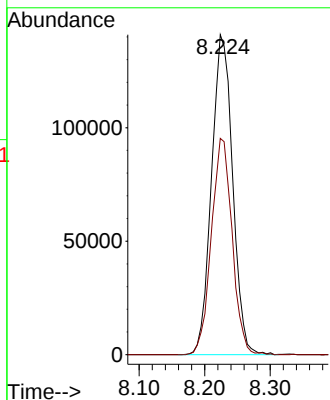
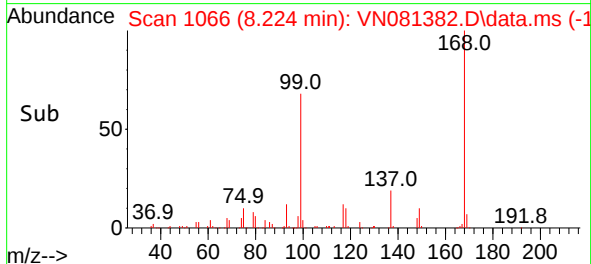
Instrument :
MSVOA_N
ClientSampleId :
1341



Tgt Ion:168 Resp: 314668
Ion Ratio Lower Upper
168 100
99 67.6 59.9 89.9

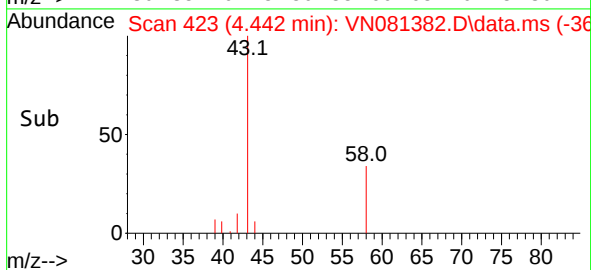
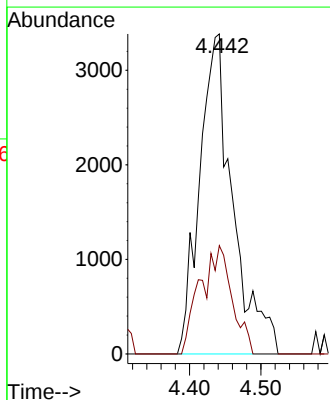
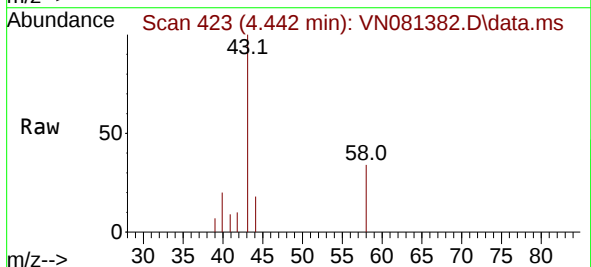
Manual Integrations
APPROVED

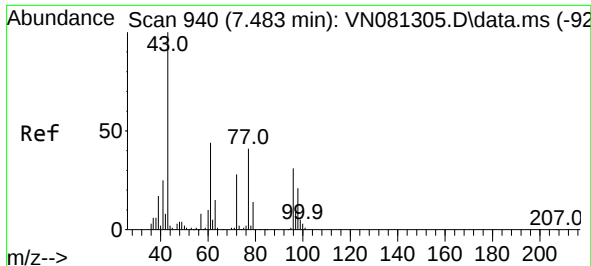
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#16
Acetone
Concen: 6.768 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

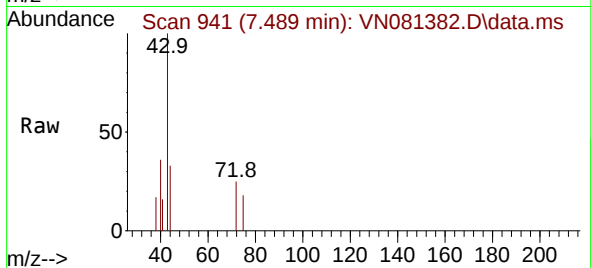
Tgt Ion: 43 Resp: 10910
Ion Ratio Lower Upper
43 100
58 33.8 24.8 37.2





#25
2-Butanone
Concen: 1.536 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

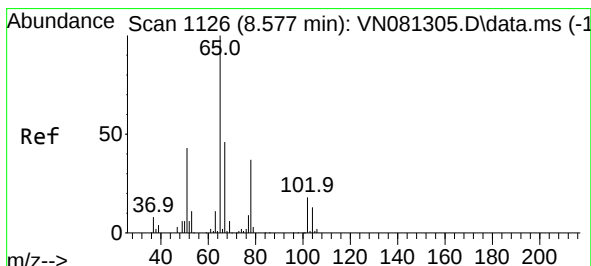
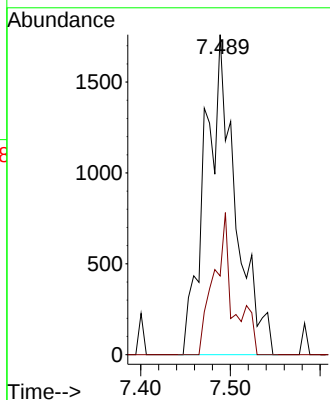
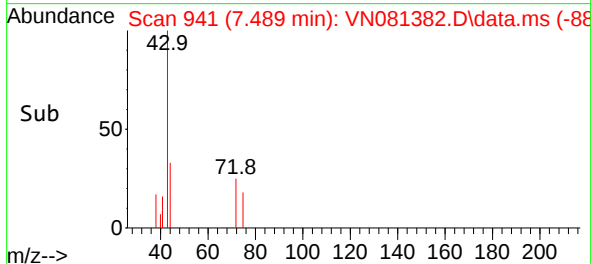
Instrument :
MSVOA_N
ClientSampleId :
1341



Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
72 24.6 19.5 29.3

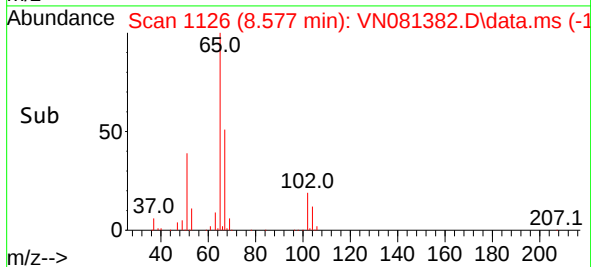
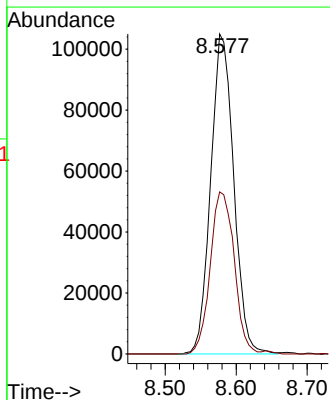
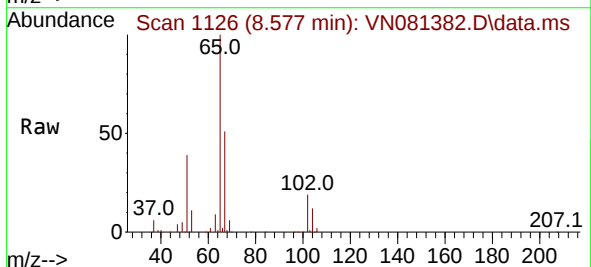
Manual Integrations
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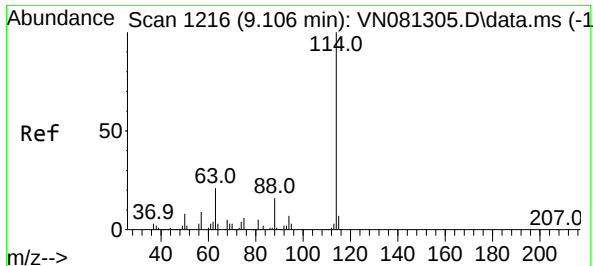
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#33
1,2-Dichloroethane-d4
Concen: 51.865 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

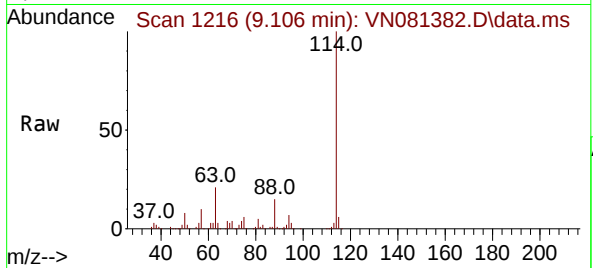
Tgt Ion: 65 Resp: 235974
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11341
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

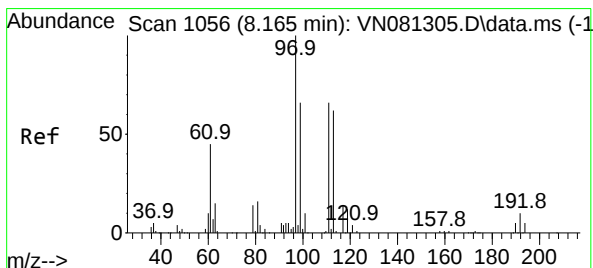
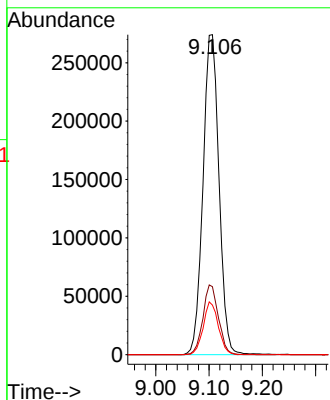
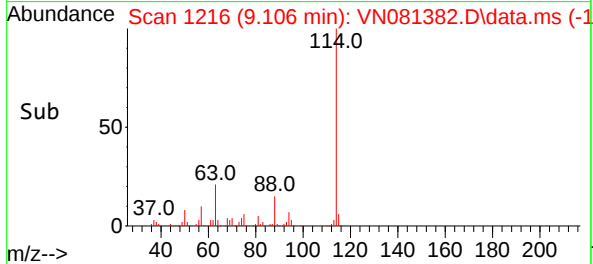
Instrument :
MSVOA_N
ClientSampleId :
1341



Tgt Ion:114 Resp: 57205
Ion Ratio Lower Upper
114 100
63 21.3 0.0 48.0
88 15.5 0.0 34.8

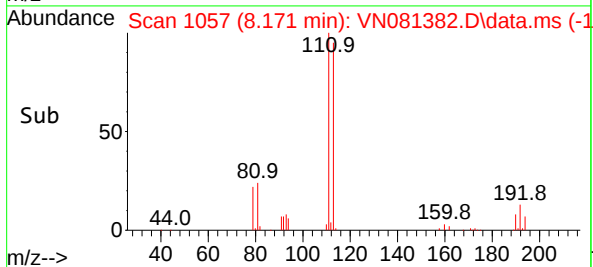
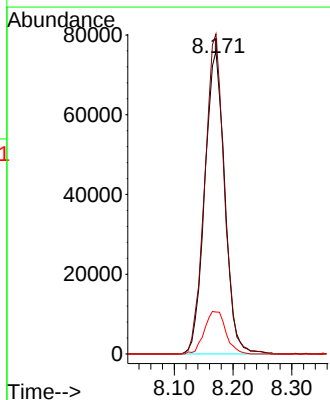
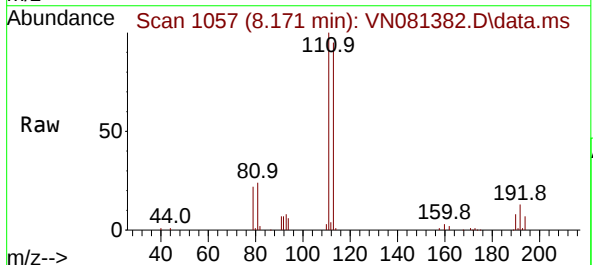
Manual Integrations
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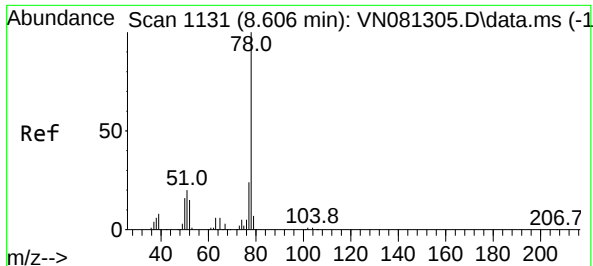
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#35
Dibromofluoromethane
Concen: 51.278 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

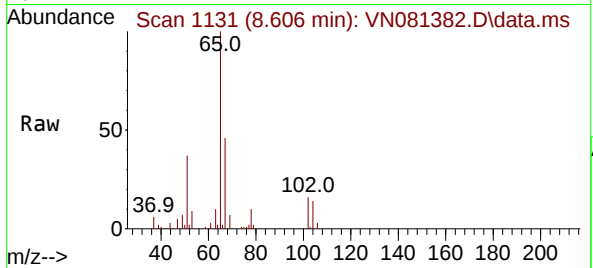
Tgt Ion:113 Resp: 179720
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 15.0 12.5 18.7





#40
Benzene
Concen: 0.384 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

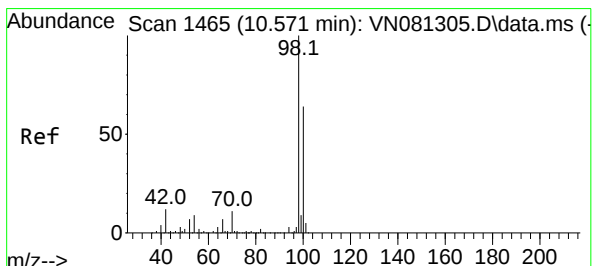
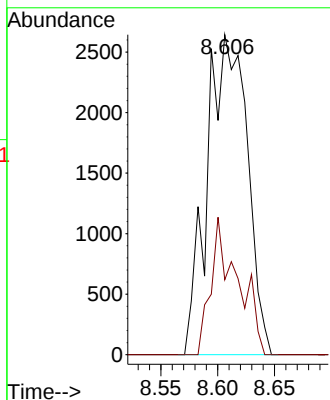
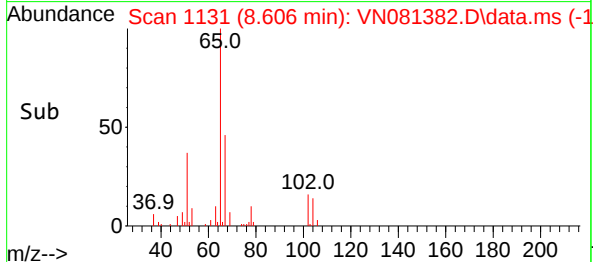
Instrument :
MSVOA_N
ClientSampleId :
1341



Tgt Ion: 78 Resp: 648
Ion Ratio Lower Upper
78 100
77 23.4 20.4 30.6

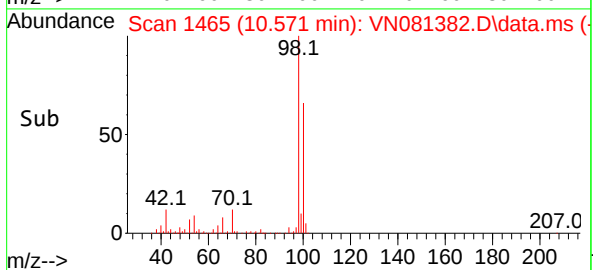
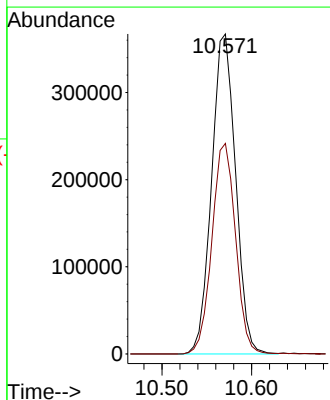
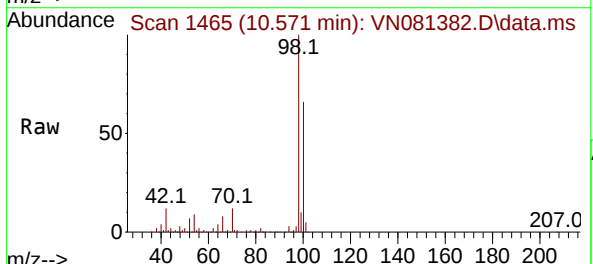
Manual Integrations
APPROVED

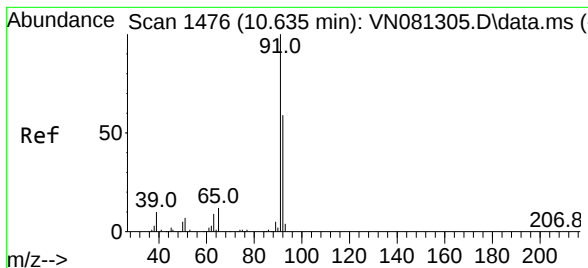
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#50
Toluene-d8
Concen: 51.967 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

Tgt Ion: 98 Resp: 680864
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0





#52

Toluene

Concen: 0.379 ug/l

RT: 10.624 min Scan# 1476

Delta R.T. -0.012 min

Lab File: VN081382.D

Acq: 12 Mar 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

1341

Tgt Ion: 92 Resp: 3860

Ion Ratio Lower Upper

92 100

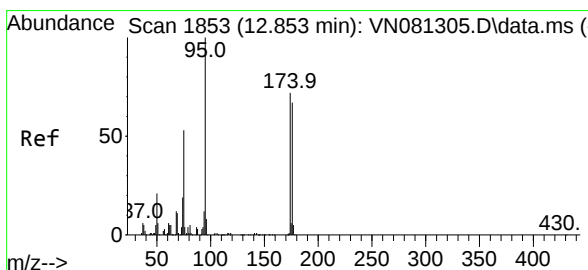
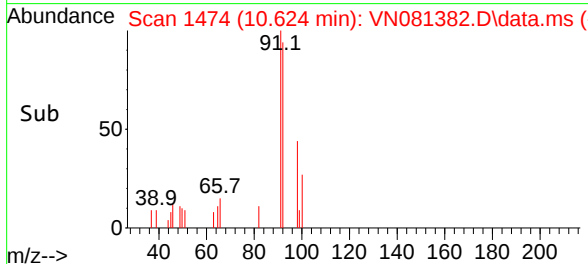
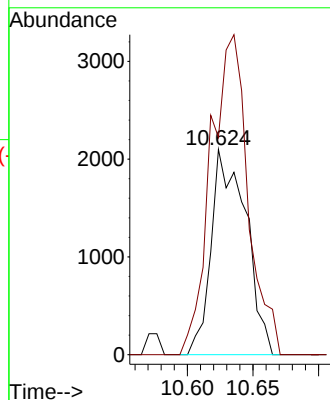
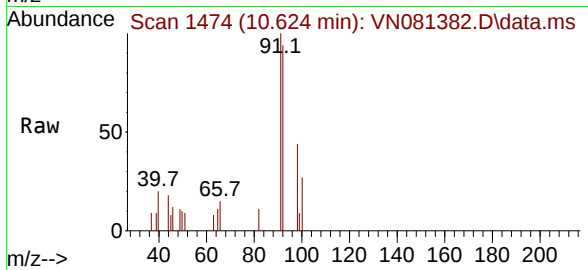
91 167.5 139.4 209.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#62

4-Bromofluorobenzene

Concen: 47.412 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081382.D

Acq: 12 Mar 2024 19:02

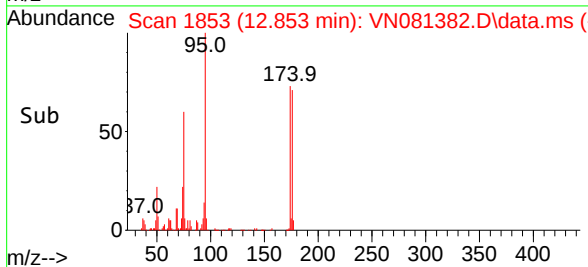
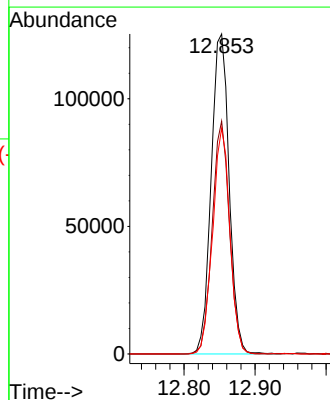
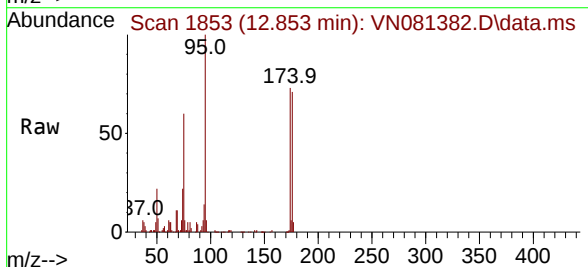
Tgt Ion: 95 Resp: 219551

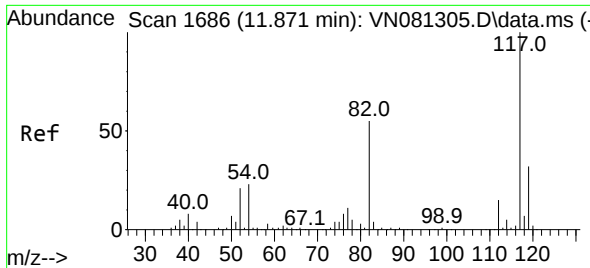
Ion Ratio Lower Upper

95 100

174 70.0 0.0 120.4

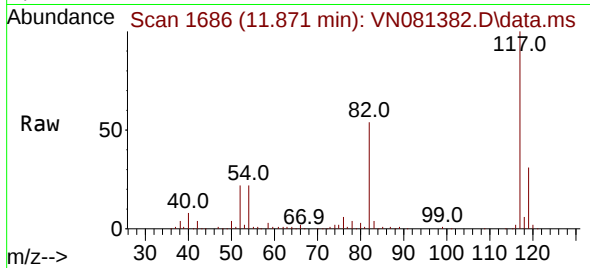
176 67.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11341
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

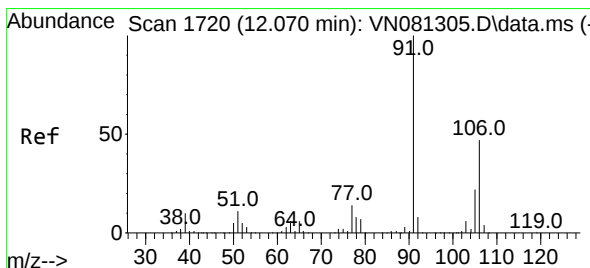
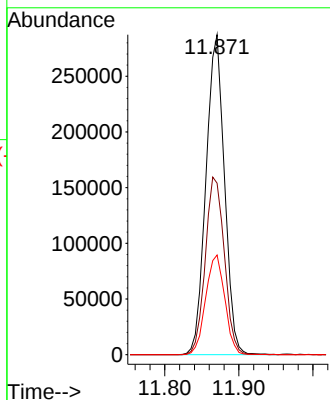
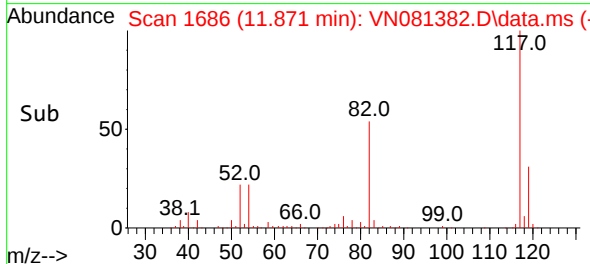
Instrument :
MSVOA_N
ClientSampleId :
1341



Tgt Ion:117 Resp: 49865
Ion Ratio Lower Upper
117 100
82 53.6 52.7 79.1
119 31.1 25.3 37.9

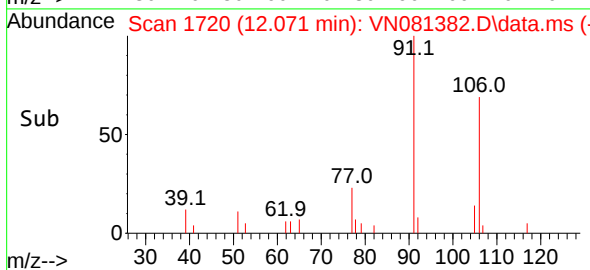
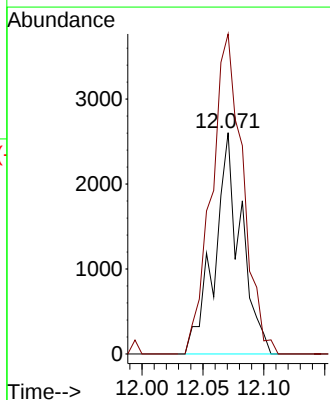
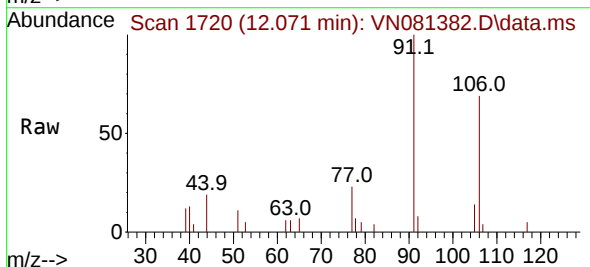
Manual Integrations
APPROVED

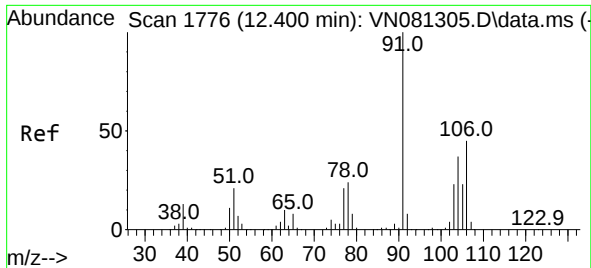
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#68
m/p-Xylenes
Concen: 0.555 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

Tgt Ion:106 Resp: 3956
Ion Ratio Lower Upper
106 100
91 170.3 169.0 253.6





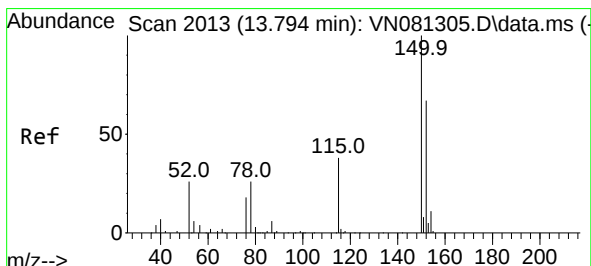
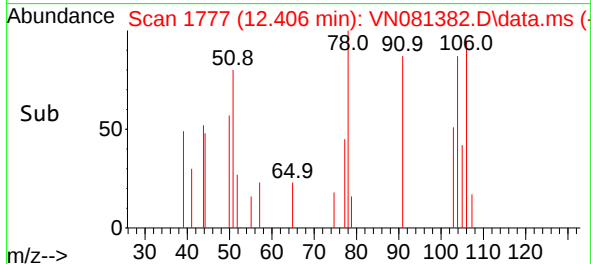
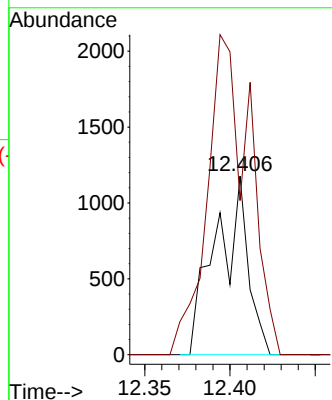
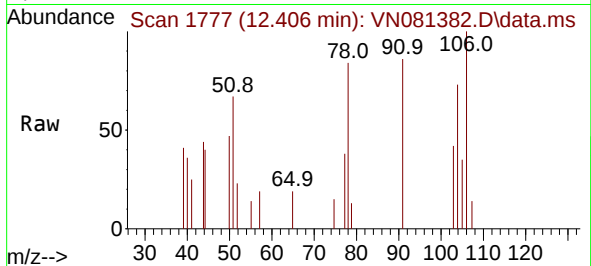
#69
o-Xylene
Concen: 0.224 ug/l
RT: 12.406 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

Instrument :
MSVOA_N
ClientSampleId :
1341

Tgt Ion:106 Resp: 1544
Ion Ratio Lower Upper
106 100
91 233.4 112.1 336.3

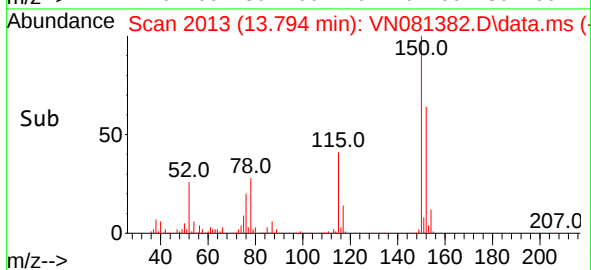
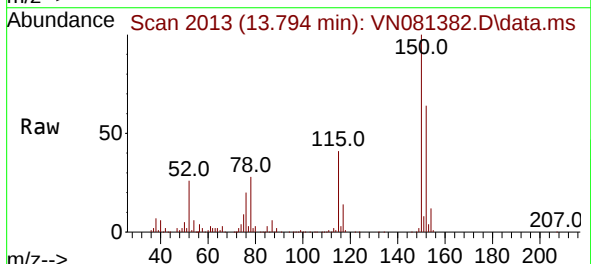
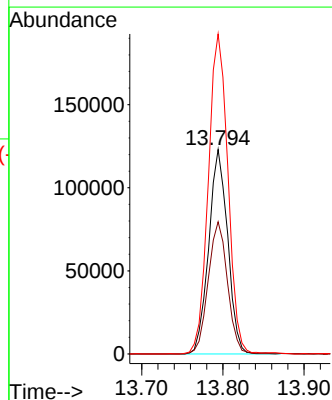
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APPROVED

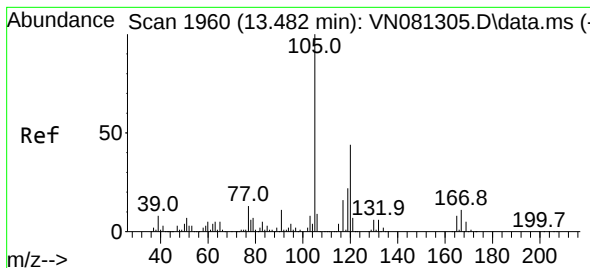
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081382.D
Acq: 12 Mar 2024 19:02

Tgt Ion:152 Resp: 199840
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 161.3 0.0 339.8





#84

1,2,4-Trimethylbenzene

Concen: 0.238 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN081382.D

Acq: 12 Mar 2024 19:02

Instrument :

MSVOA_N

ClientSampleId :

1341

Tgt Ion:105 Resp: 3218

Ion Ratio Lower Upper

105 100

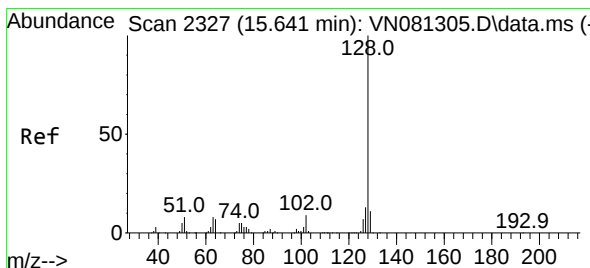
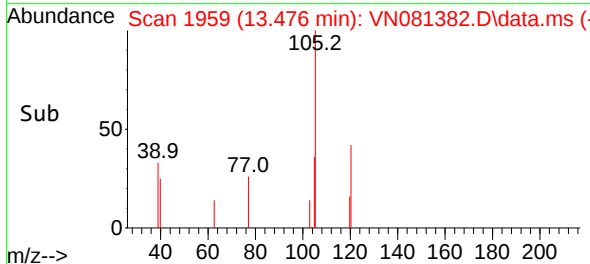
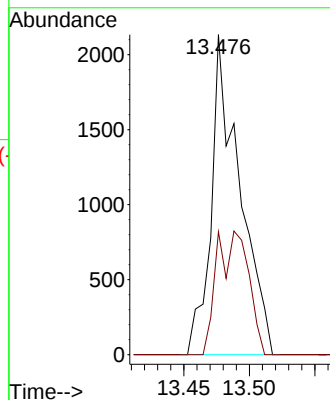
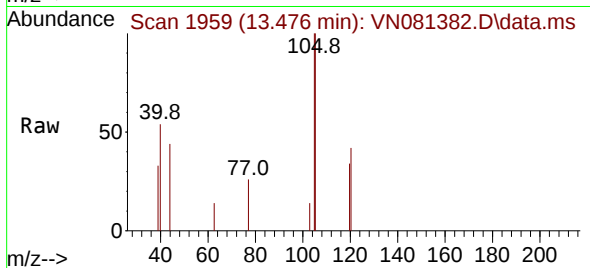
120 42.8 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#95

Naphthalene

Concen: 0.284 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081382.D

Acq: 12 Mar 2024 19:02

Tgt Ion:128 Resp: 3742

Ion Ratio Lower Upper

128 100

127 17.2 10.0 15.0#

129 12.4 8.7 13.1

