

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040625.D
 Acq On : 08 Mar 2024 12:25
 Operator : JC/MD
 Sample : P1689-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(MARCH)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
 Supervised By :Semsettin Yesilyurt 03/11/2024

Quant Time: Mar 08 23:52:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	14736	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	82078	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	69956	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44299	30.100	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 100.333%		
60) 4-Bromofluorobenzene	11.079	95	38555	32.130	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 107.100%		
63) Toluene-d8	8.647	98	92112	29.795	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 99.300%		
Target Compounds						
						Qvalue
15) Acetone	2.380	58	19123	117.371	ug/l	71
16) Carbon Disulfide	2.508	76	1324	0.548	ug/l #	90
25) Chloroform	5.099	83	1506	0.737	ug/l	83
30) 2-Butanone	4.562	43	8566m	9.881	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	8089	5.193	ug/l	96
59) 2-Hexanone	9.433	43	1264	1.005	ug/l #	80
62) Toluene	8.720	91	71637	18.593	ug/l	99
67) m/p-Xylenes	10.311	106	630m	0.384	ug/l	
68) o-Xylene	10.646	106	421	0.267	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	3154	0.852	ug/l	62
82) p-Isopropyltoluene	12.006	119	3312	0.874	ug/l	94
91) Naphthalene	13.780	128	1132	0.270	ug/l #	93

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

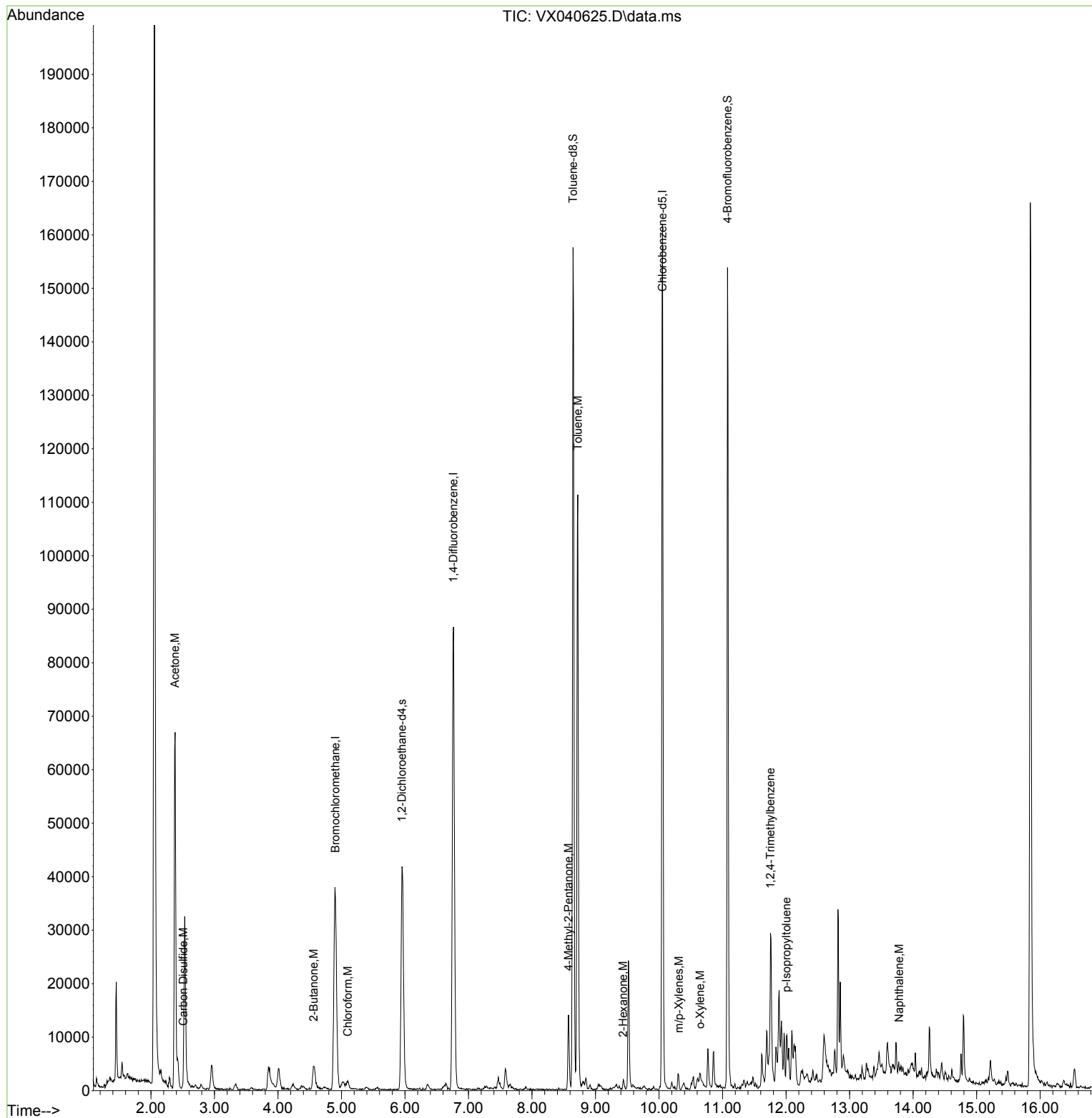
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040625.D
Acq On : 08 Mar 2024 12:25
Operator : JC/MD
Sample : P1689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

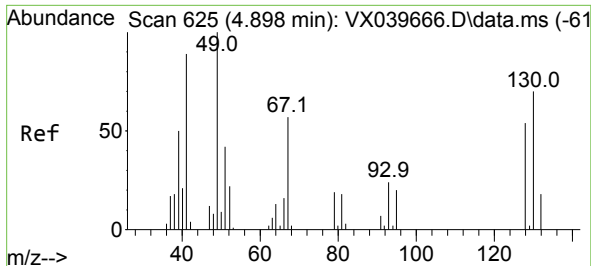
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)

Quant Time: Mar 08 23:52:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 05 13:21:29 2024
Response via : Initial Calibration

Manual Integrations
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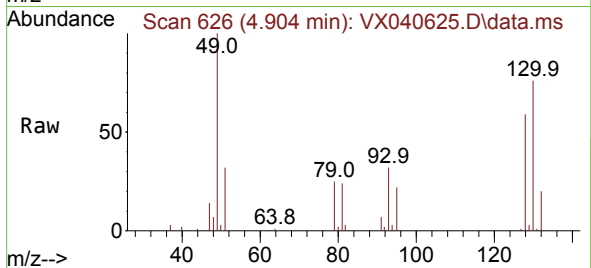
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

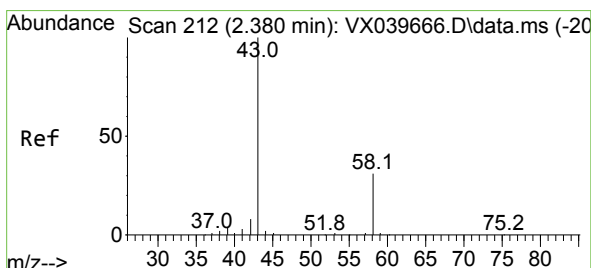
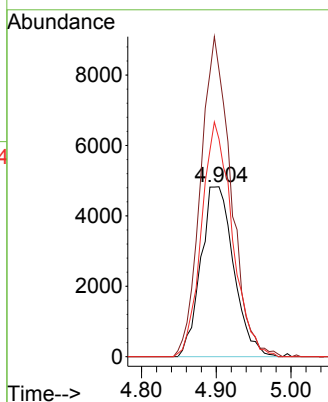
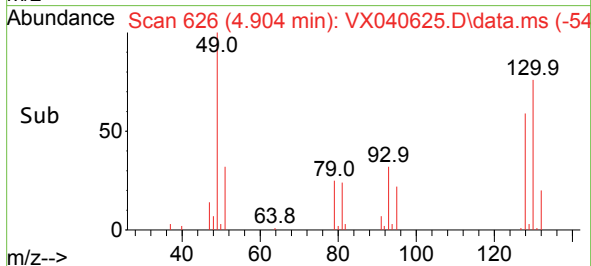
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)



Tgt Ion:128 Resp: 14730
Ion Ratio Lower Upper
128 100
49 174.4 0.0 444.0
130 129.5 0.0 297.8

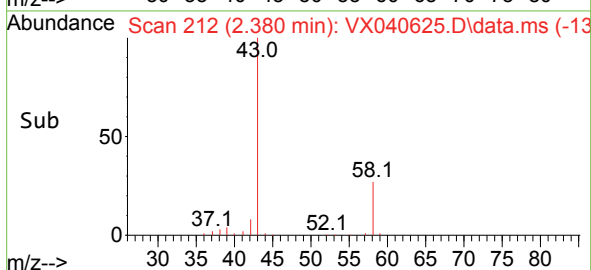
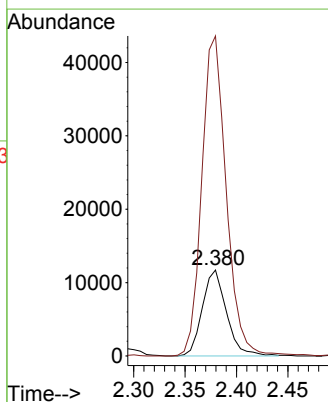
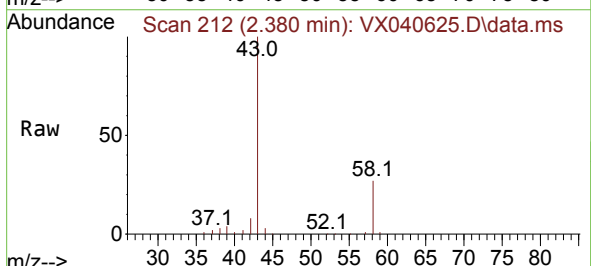
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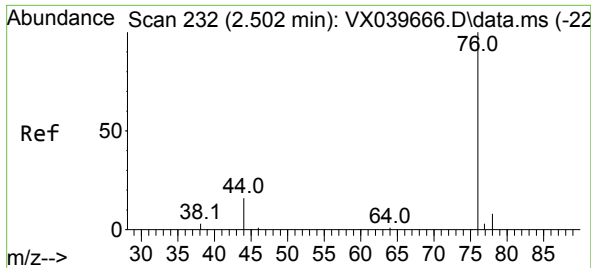
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#15
Acetone
Concen: 117.371 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

Tgt Ion: 58 Resp: 19123
Ion Ratio Lower Upper
58 100
43 371.6 249.9 374.9





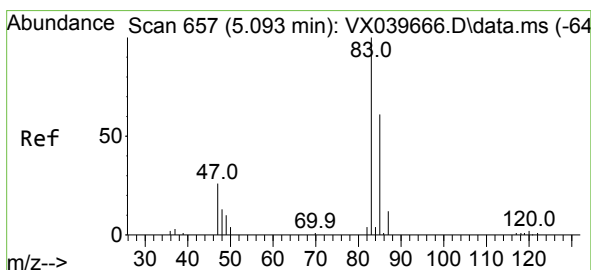
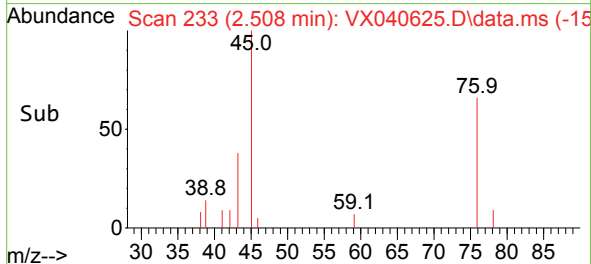
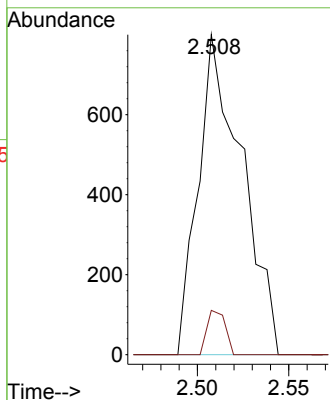
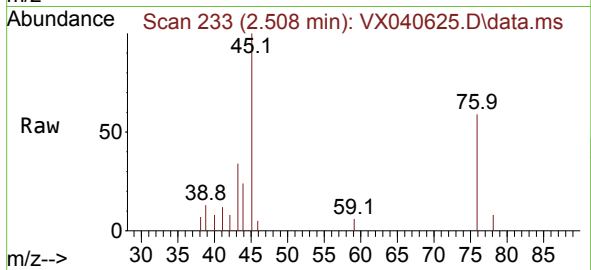
#16
Carbon Disulfide
Concen: 0.548 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)

Tgt Ion: 76 Resp: 1324
Ion Ratio Lower Upper
76 100
78 13.9 8.0 12.0

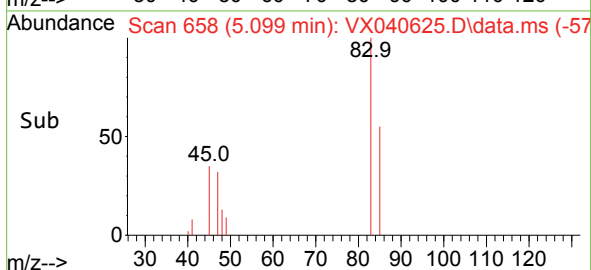
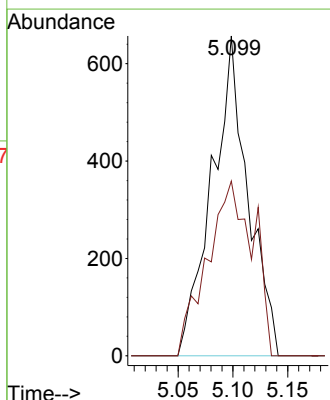
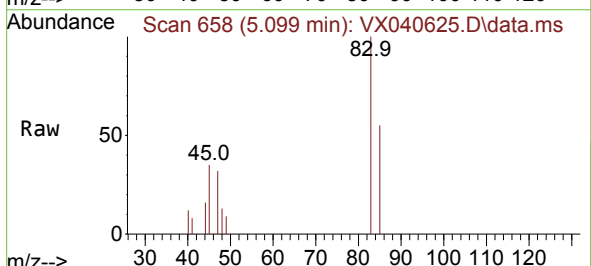
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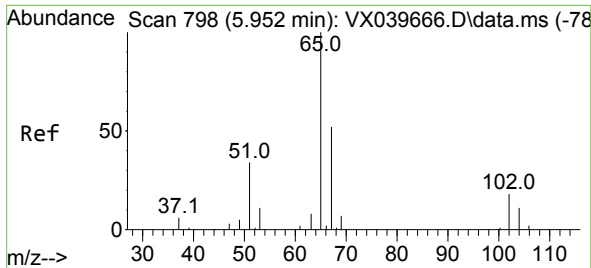
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#25
Chloroform
Concen: 0.737 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

Tgt Ion: 83 Resp: 1506
Ion Ratio Lower Upper
83 100
85 54.6 54.6 81.8





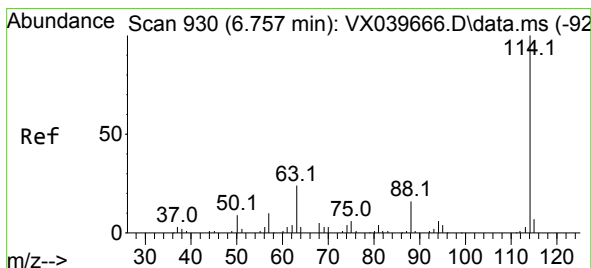
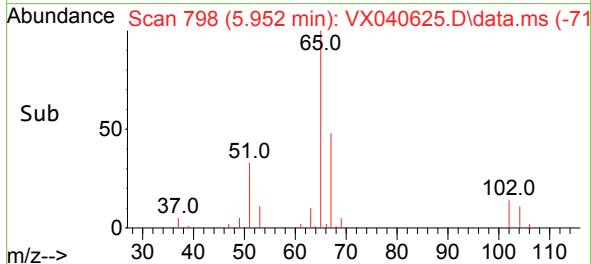
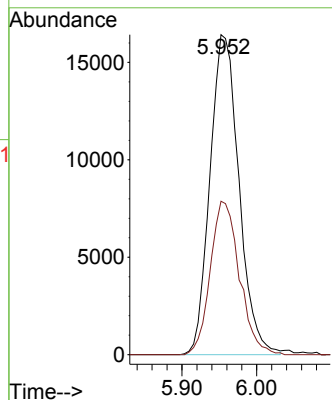
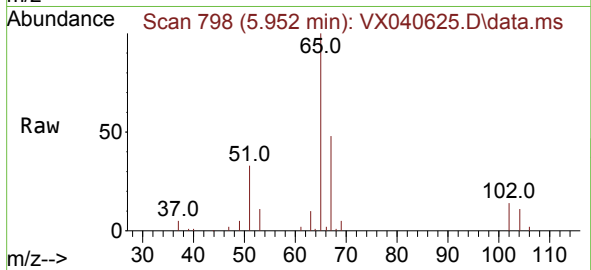
#27
1,2-Dichloroethane-d4
Concen: 30.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)

Tgt Ion: 65 Resp: 44299
Ion Ratio Lower Upper
65 100
67 48.2 42.5 63.7

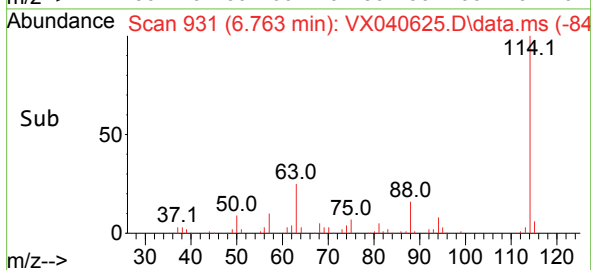
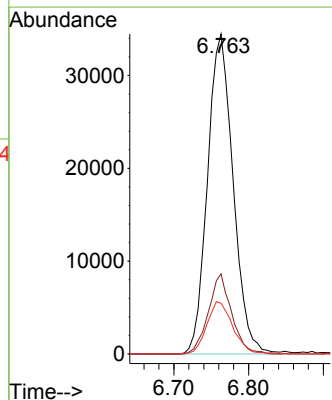
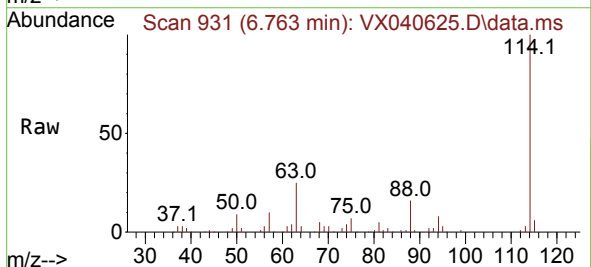
Manual Integrations
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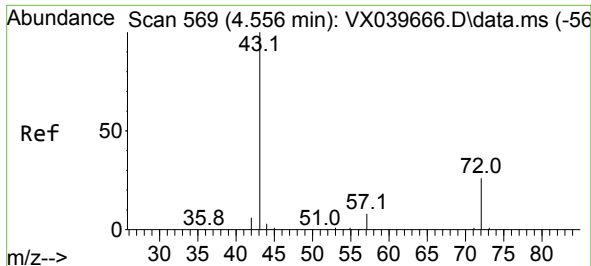
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

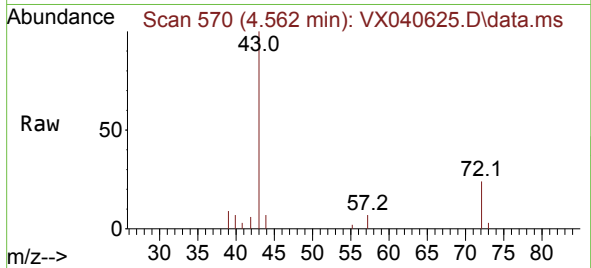
Tgt Ion:114 Resp: 82078
Ion Ratio Lower Upper
114 100
63 22.6 17.0 25.4
88 16.5 12.7 19.1





#30
2-Butanone
Concen: 9.881 ug/l m
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

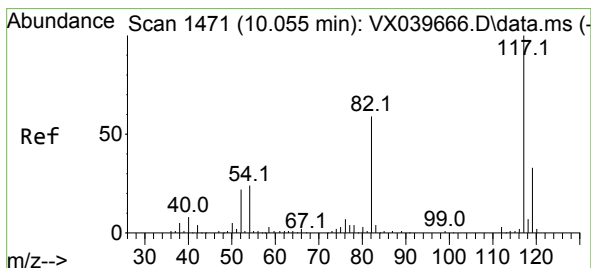
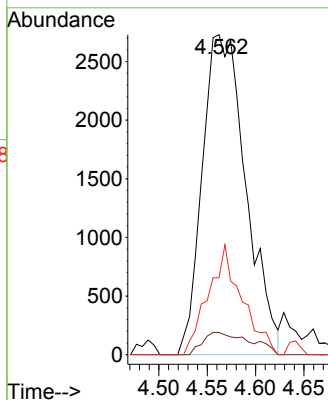
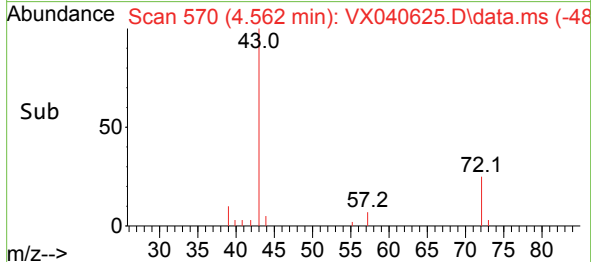
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)



Tgt Ion: 43 Resp: 8560
Ion Ratio Lower Upper
43 100
57 4.9 6.6 10.0
72 25.3 20.6 31.0

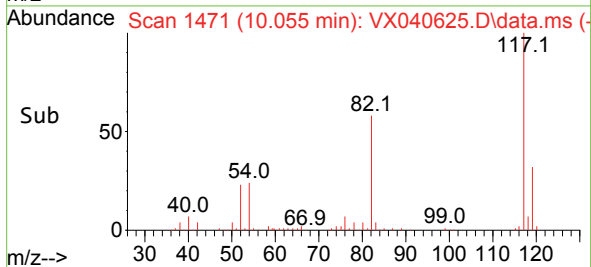
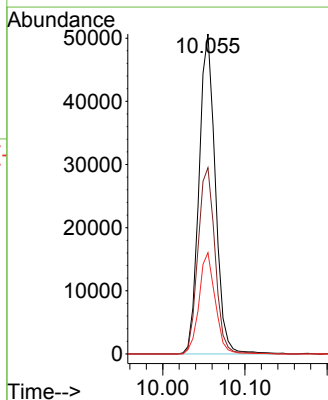
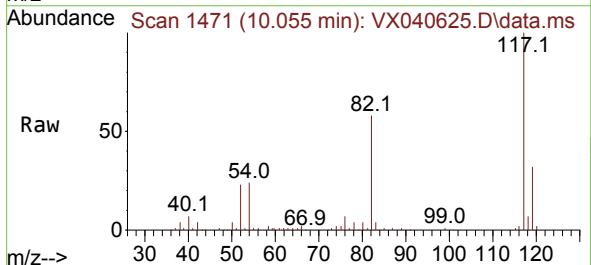
Manual Integrations
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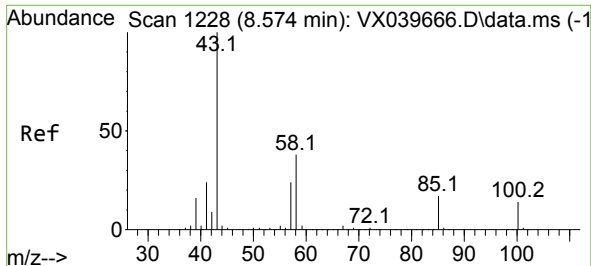
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

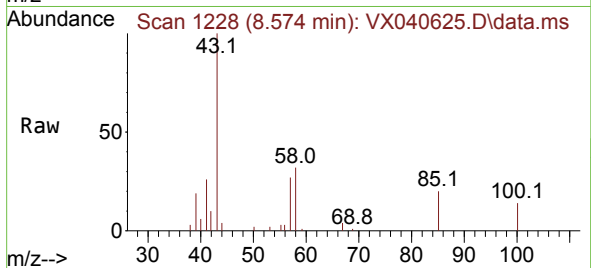
Tgt Ion:117 Resp: 69956
Ion Ratio Lower Upper
117 100
82 60.9 47.0 70.6
119 31.4 25.2 37.8





#58
4-Methyl-2-Pentanone
Concen: 5.193 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

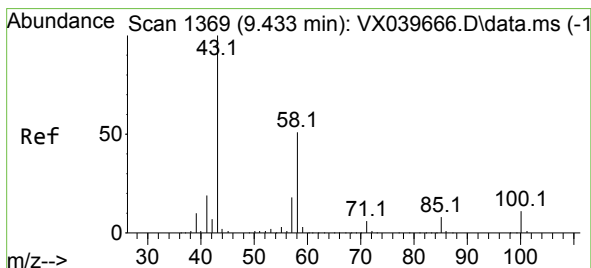
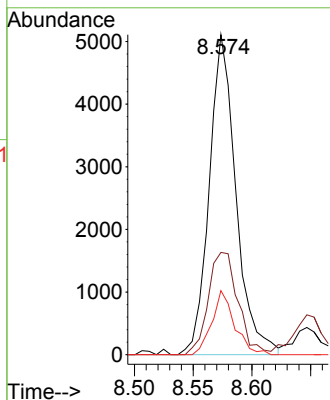
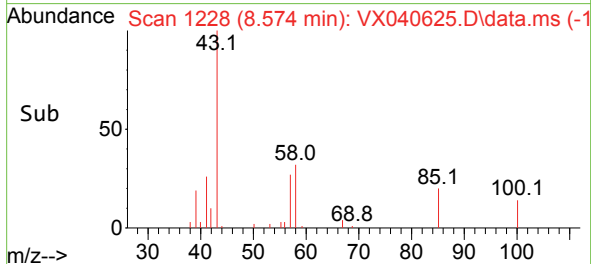
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)



Tgt Ion: 43 Resp: 8089
Ion Ratio Lower Upper
43 100
58 34.3 30.1 45.1
85 16.7 13.9 20.9

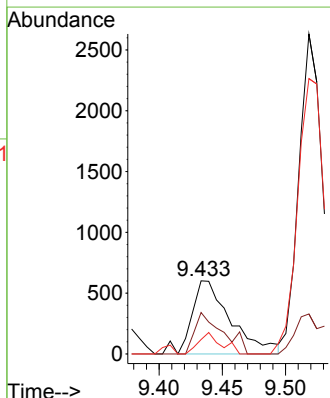
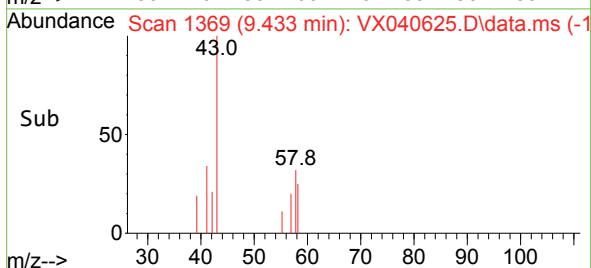
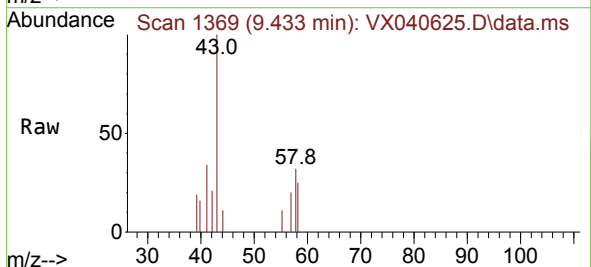
Manual Integrations
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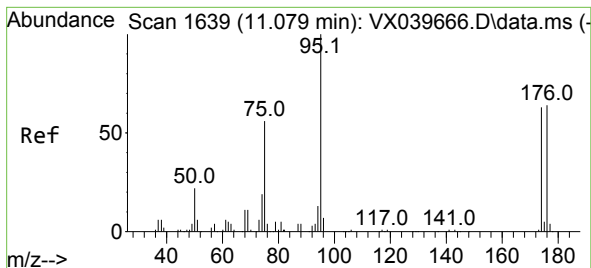
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#59
2-Hexanone
Concen: 1.005 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

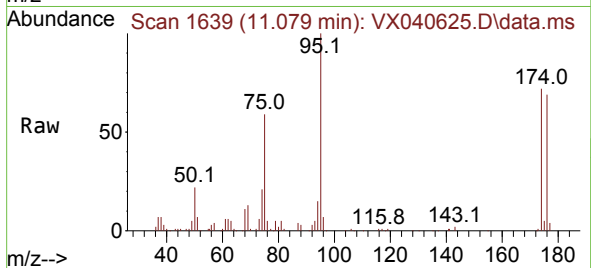
Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 36.4 42.7 64.1#
57 14.2 14.8 22.2#





#60
4-Bromofluorobenzene
Concen: 32.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

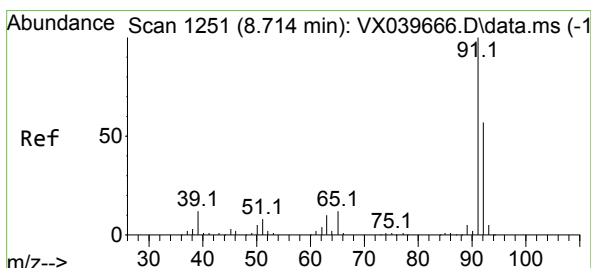
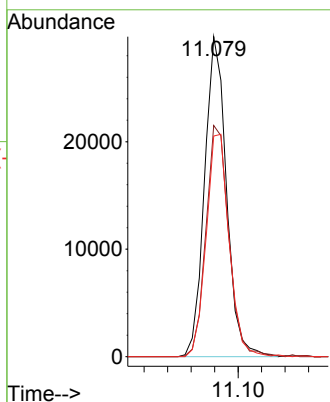
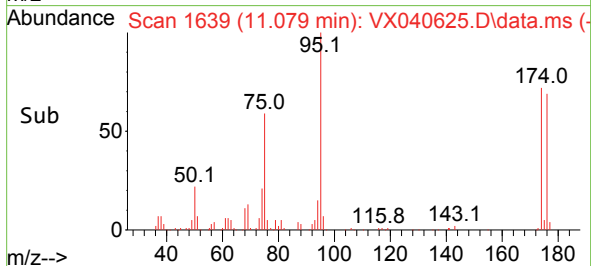
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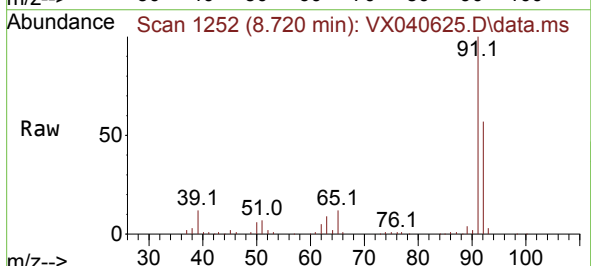
Tgt Ion: 95 Resp: 3855
Ion Ratio Lower Upper
95 100
174 75.3 55.4 83.2
176 72.8 52.6 78.8

Manual Integrations
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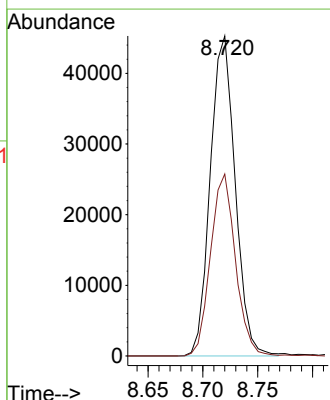
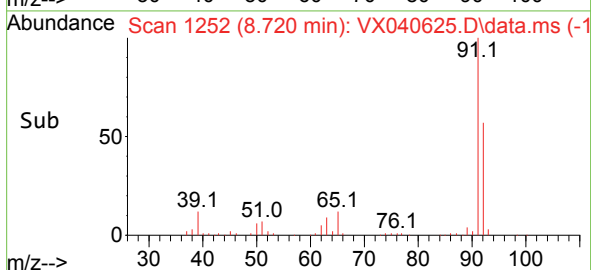
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024

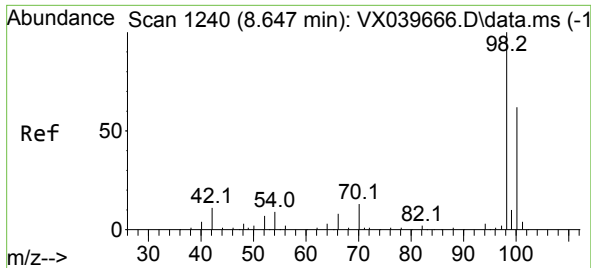


#62
Toluene
Concen: 18.593 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25



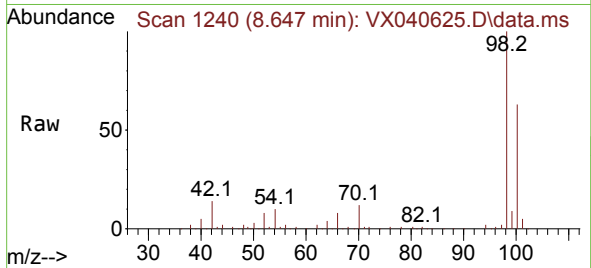
Tgt Ion: 91 Resp: 71637
Ion Ratio Lower Upper
91 100
92 56.8 45.9 68.9





#63
Toluene-d8
Concen: 29.795 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

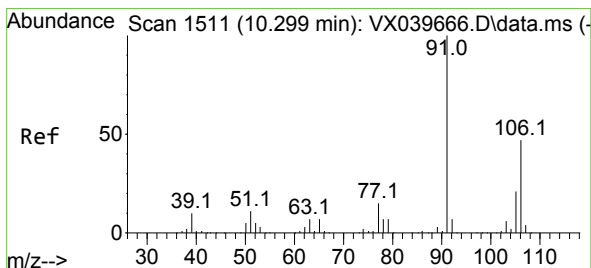
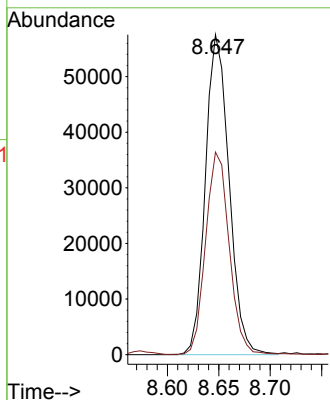
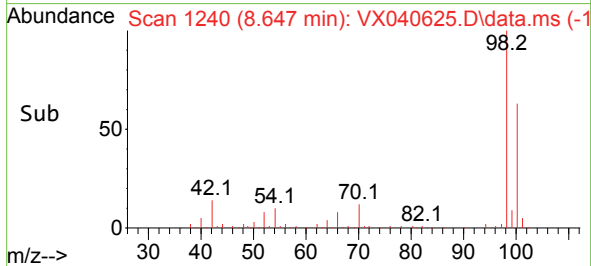
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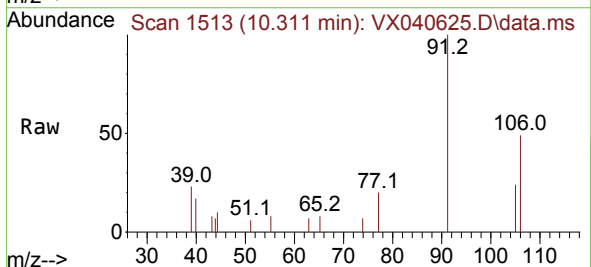
Tgt Ion: 98 Resp: 9211
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.4

Manual Integrations
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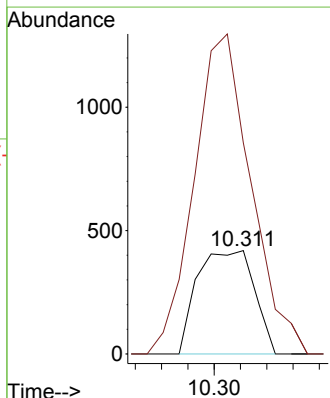
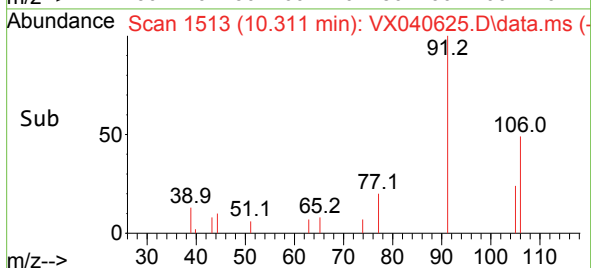
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024

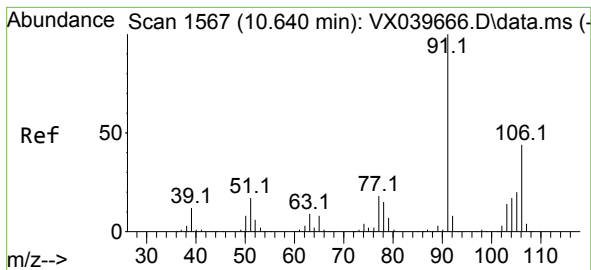


#67
m/p-Xylenes
Concen: 0.384 ug/l m
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25



Tgt Ion:106 Resp: 630
Ion Ratio Lower Upper
106 100
91 152.7 169.4 254.0#





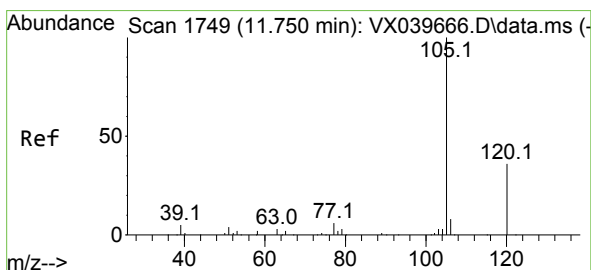
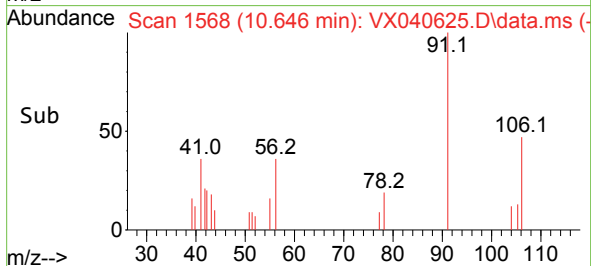
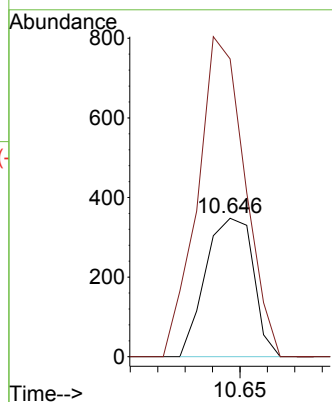
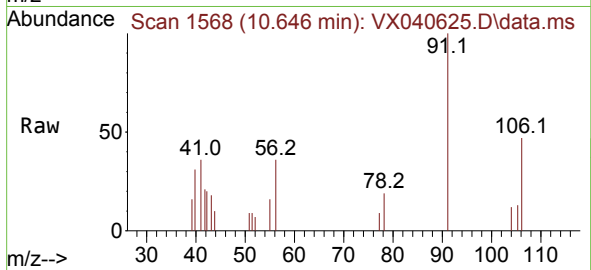
#68
o-Xylene
Concen: 0.267 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)

Tgt Ion:106 Resp: 42
Ion Ratio Lower Upper
106 100
91 228.5 111.2 333.6

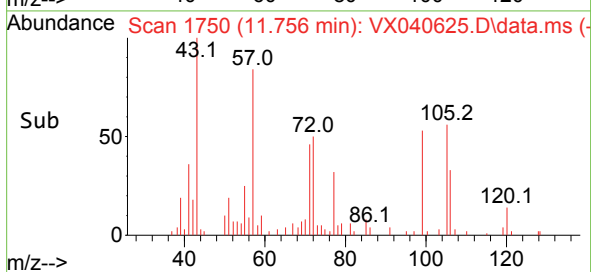
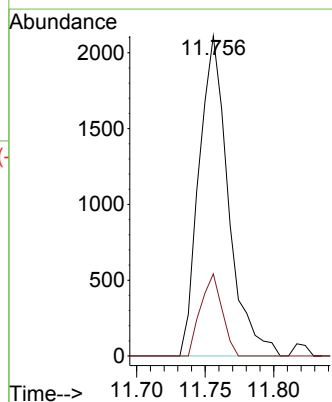
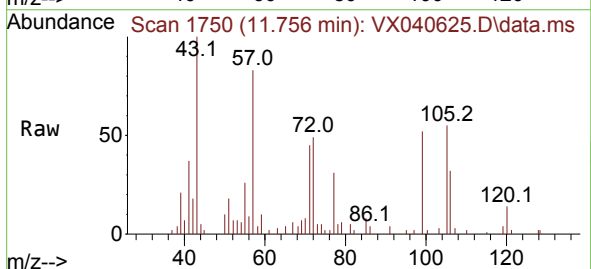
Manual Integrations
APPROVED

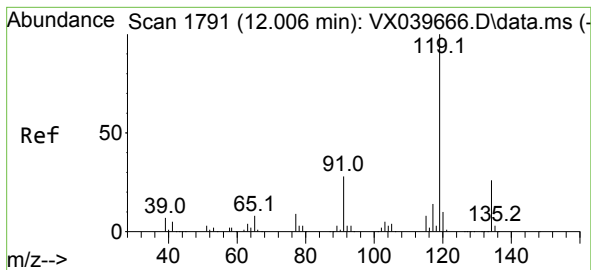
Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#80
1,2,4-Trimethylbenzene
Concen: 0.852 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

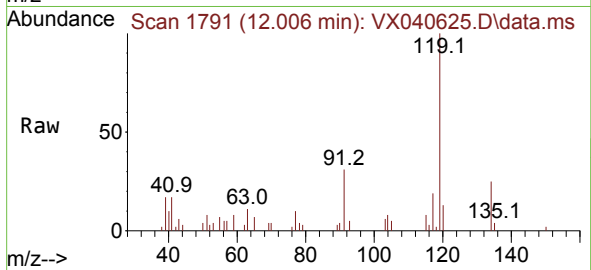
Tgt Ion:105 Resp: 3154
Ion Ratio Lower Upper
105 100
120 18.7 0.0 86.4





#82
p-Isopropyltoluene
Concen: 0.874 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25

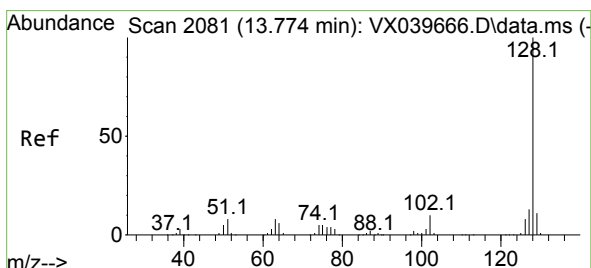
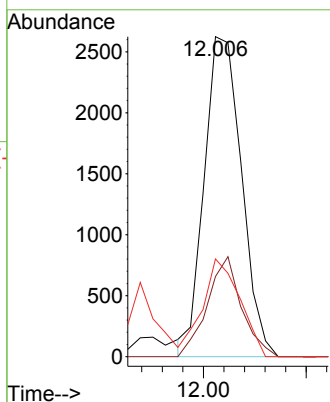
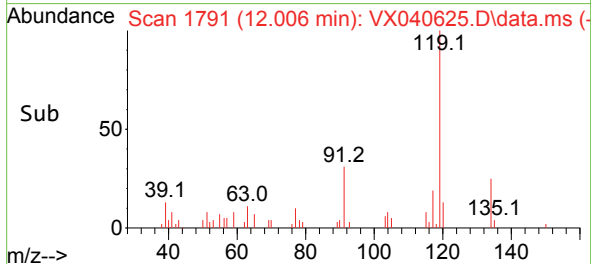
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MARCH)



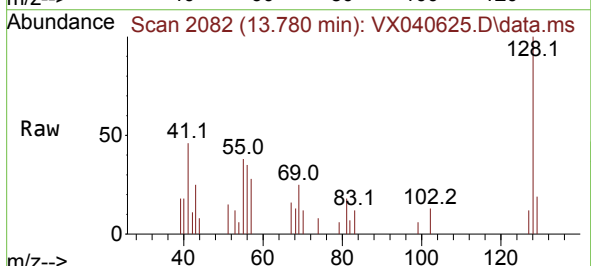
Tgt Ion:119 Resp: 331
Ion Ratio Lower Upper
119 100
134 28.7 0.0 52.6
91 30.7 0.0 54.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
Supervised By :Semsettin Yesilyurt 03/11/2024



#91
Naphthalene
Concen: 0.270 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040625.D
Acq: 08 Mar 2024 12:25



Tgt Ion:128 Resp: 1132
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.2
129 15.6 8.6 12.8#

