

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041811.D
 Acq On : 10 Jun 2024 15:31
 Operator : JC/MD
 Sample : P2767-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 03:49:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140096	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	216127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81388	47.367	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.740%		
35) Dibromofluoromethane	5.385	113	67131	44.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.860%		
50) Toluene-d8	8.647	98	259209	49.645	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.079	95	106559	55.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.600%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	9708	10.183	ug/l	98
25) 2-Butanone	4.593	43	2806	2.628	ug/l	92
31) Cyclohexane	5.465	56	253215	124.823	ug/l	90
39) Methylcyclohexane	7.379	83	267966	120.548	ug/l	94
52) Toluene	8.720	92	93715	26.111	ug/l	97
67) Ethyl Benzene	10.195	91	451300	60.411	ug/l	98
68) m/p-Xylenes	10.299	106	1043689	351.183	ug/l	91
69) o-Xylene	10.640	106	500438	169.267	ug/l	95
73) Isopropylbenzene	10.964	105	161799	21.915	ug/l	97
78) n-propylbenzene	11.305	91	309690	38.200	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	334724	54.301	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1615317	258.636	ug/l	91
85) sec-Butylbenzene	11.890	105	38675m	5.080	ug/l	
86) p-Isopropyltoluene	12.006	119	28802	4.314	ug/l	95
89) n-Butylbenzene	12.329	91	67667	12.803	ug/l #	27

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

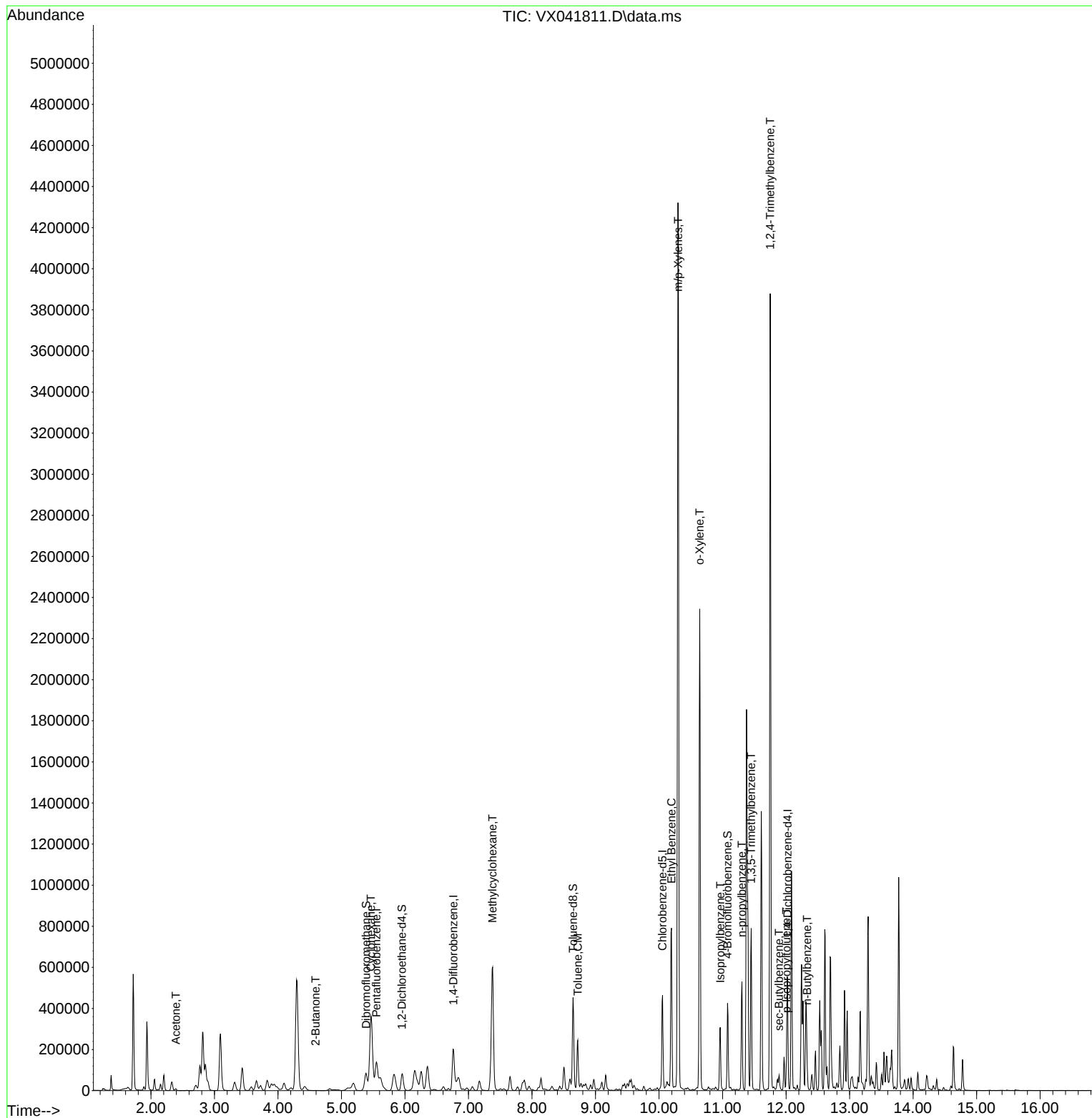
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
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APPROVED

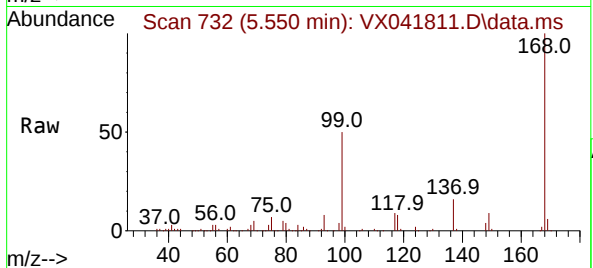
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

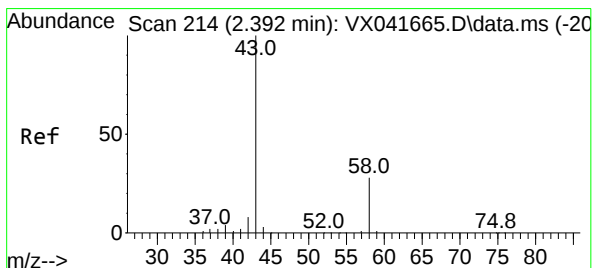
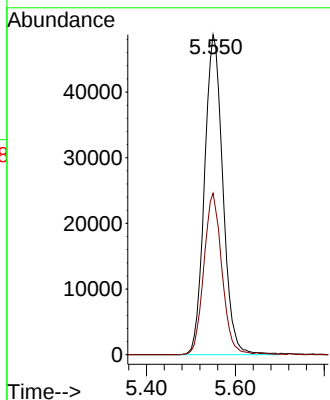
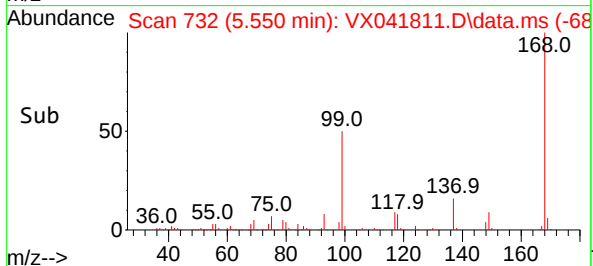
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:168 Resp: 140090
Ion Ratio Lower Upper
168 100
99 50.5 56.6 85.0

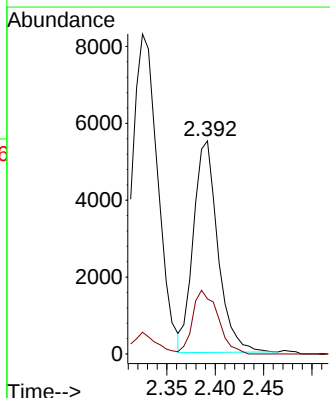
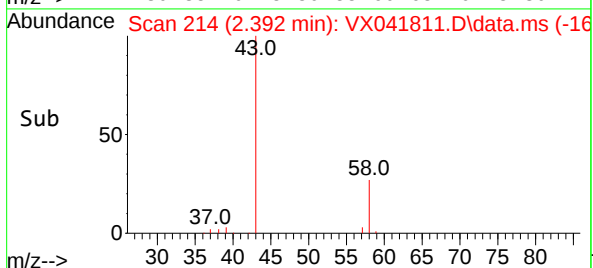
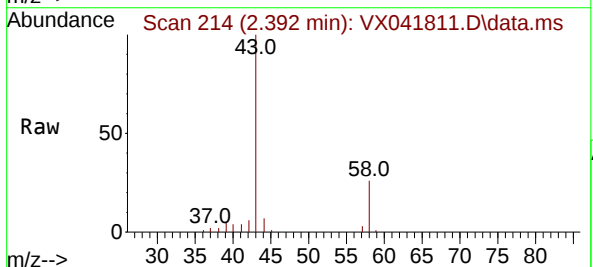
Manual Integrations
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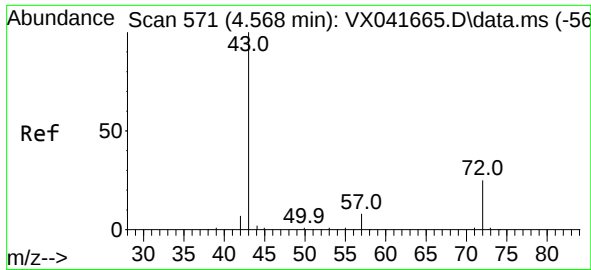
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#16
Acetone
Concen: 10.183 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Tgt Ion: 43 Resp: 9708
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9





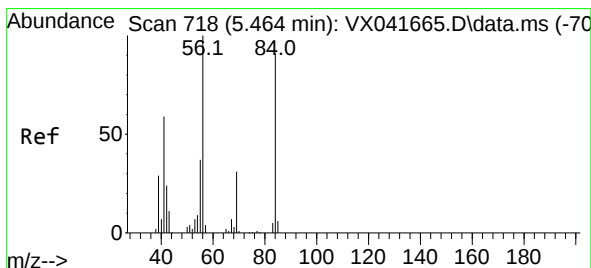
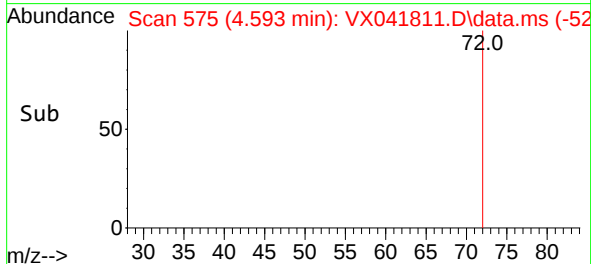
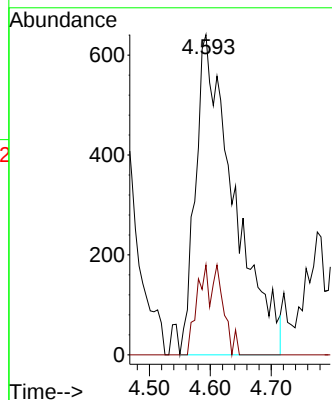
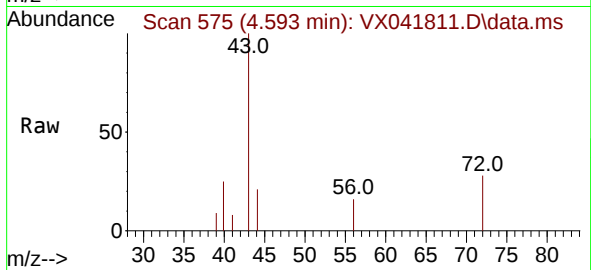
#25
2-Butanone
Concen: 2.628 ug/l
RT: 4.593 min Scan# 571
Delta R.T. 0.025 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2

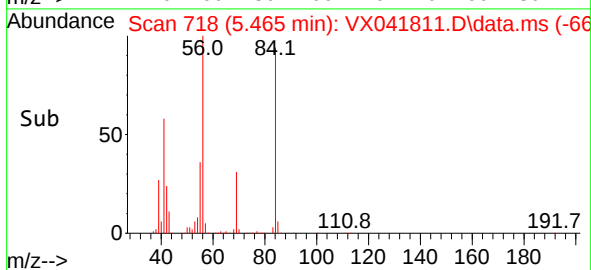
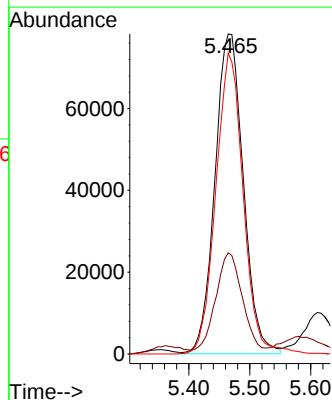
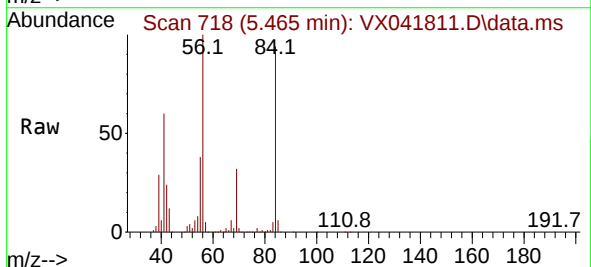
Manual Integrations
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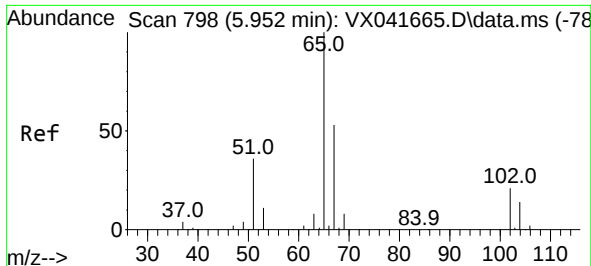
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#31
Cyclohexane
Concen: 124.823 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Tgt Ion: 56 Resp: 253215
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 94.4 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 47.367 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041811.D

Acq: 10 Jun 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 65 Resp: 8138

Ion Ratio Lower Upper

65 100

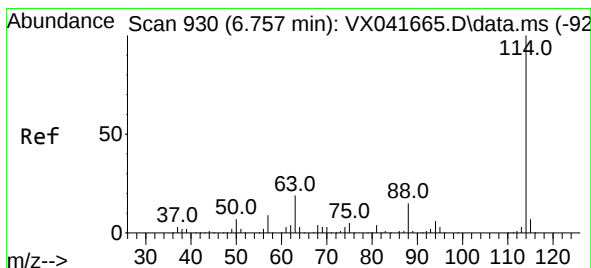
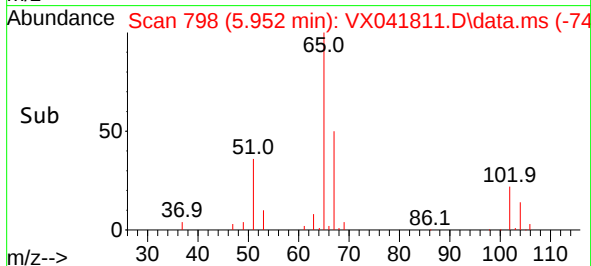
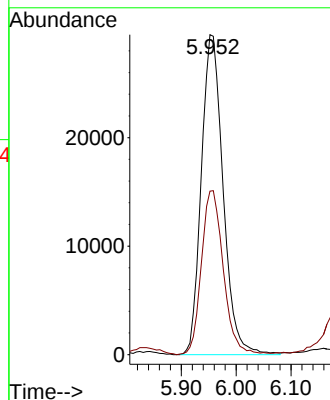
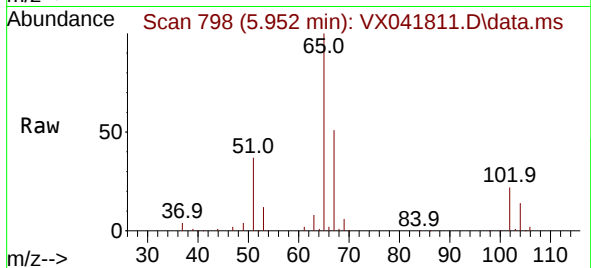
67 51.6 0.0 100.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/11/2024

Supervised By :Semsettin Yesilyurt 06/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041811.D

Acq: 10 Jun 2024 15:31

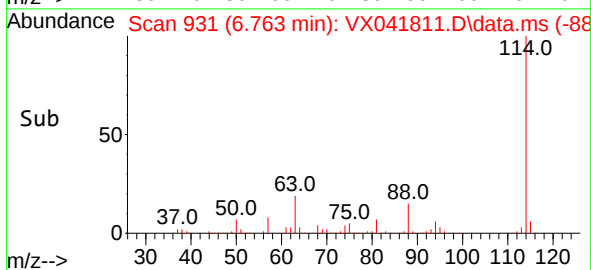
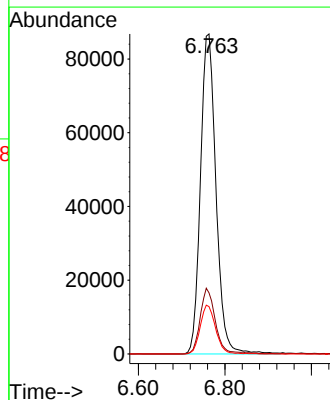
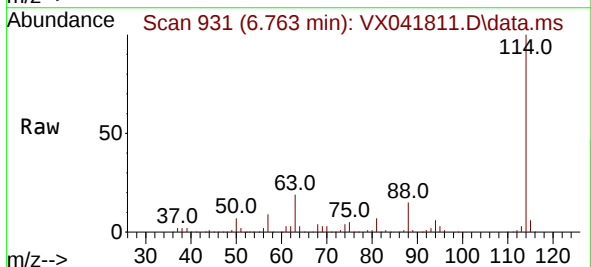
Tgt Ion:114 Resp: 216127

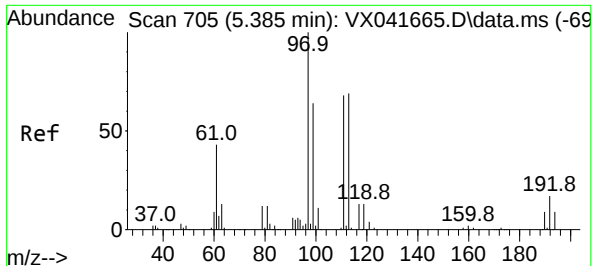
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

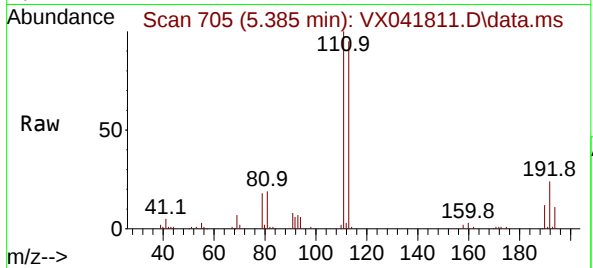
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 44.925 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

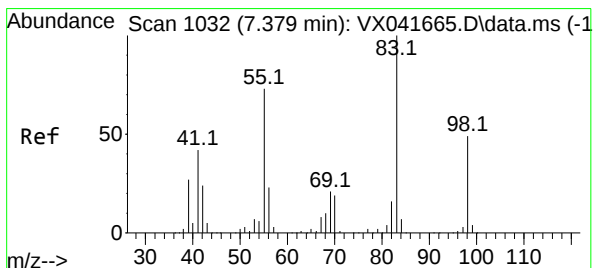
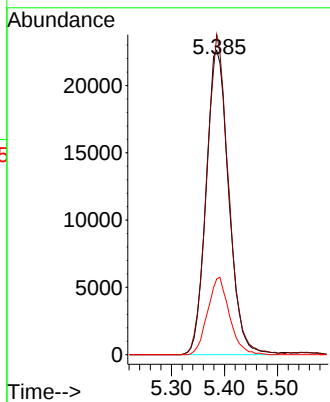
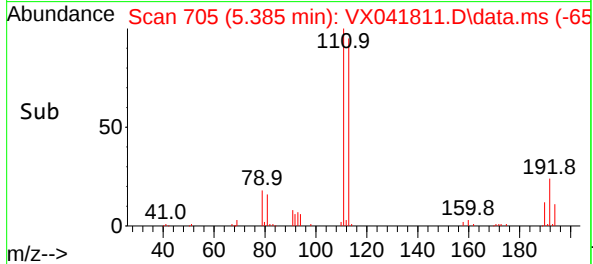
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:113 Resp: 6713
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 24.5 13.3 19.9

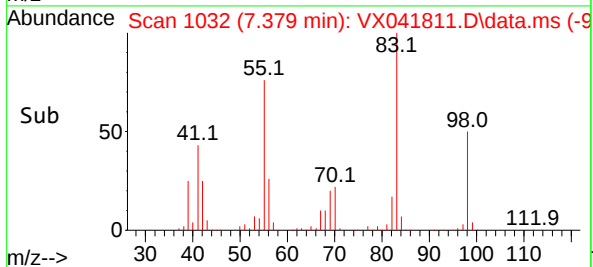
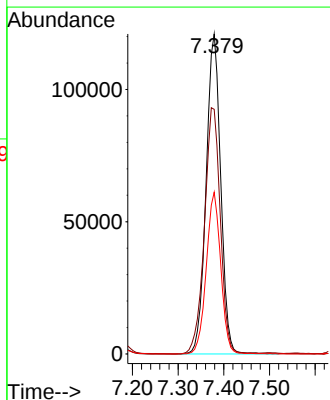
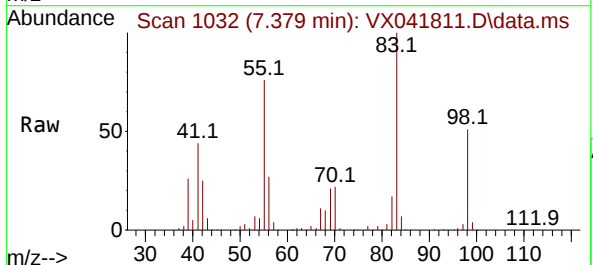
Manual Integrations
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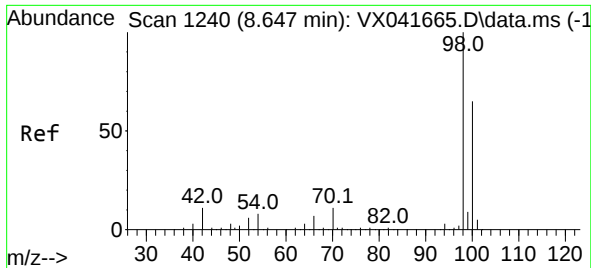
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#39
Methylcyclohexane
Concen: 120.548 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

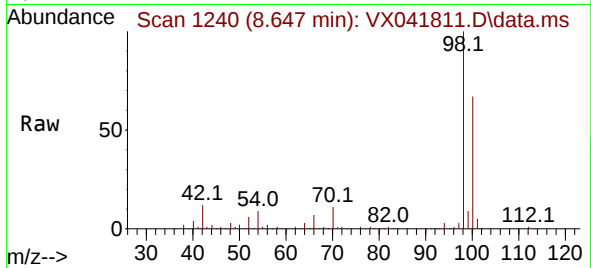
Tgt Ion: 83 Resp: 267966
Ion Ratio Lower Upper
83 100
55 76.4 64.6 97.0
98 50.6 36.7 55.1





#50
Toluene-d8
Concen: 49.645 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

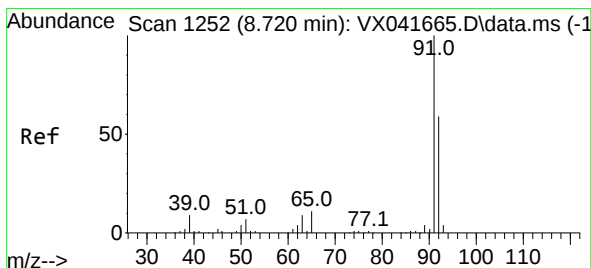
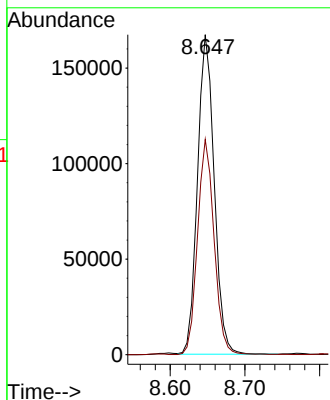
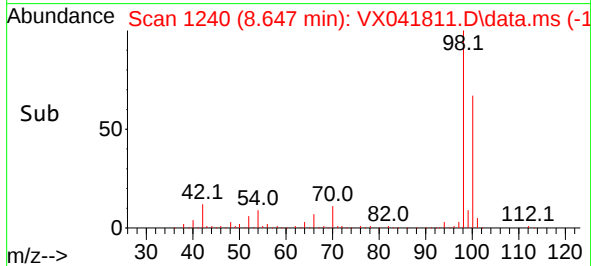
Instrument :
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Tgt Ion: 98 Resp: 259209
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

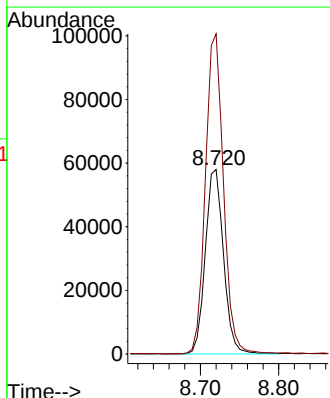
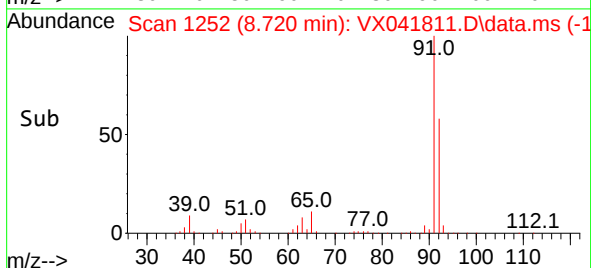
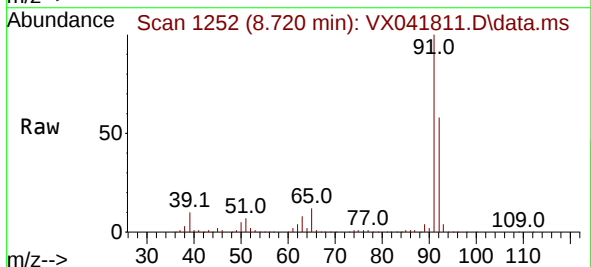
Manual Integrations
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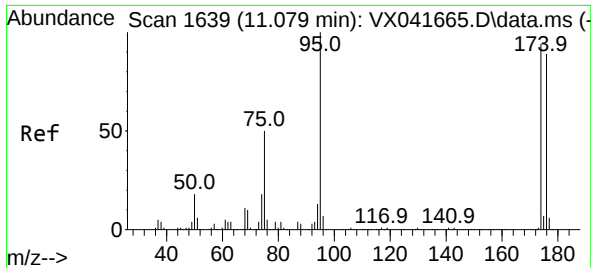
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#52
Toluene
Concen: 26.111 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

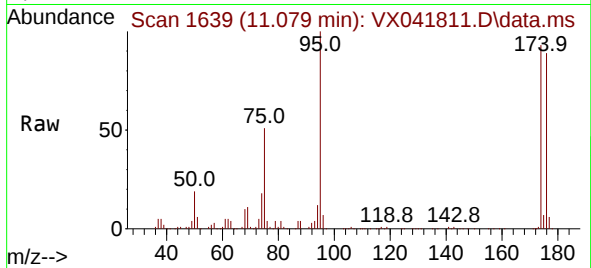
Tgt Ion: 92 Resp: 93715
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 55.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

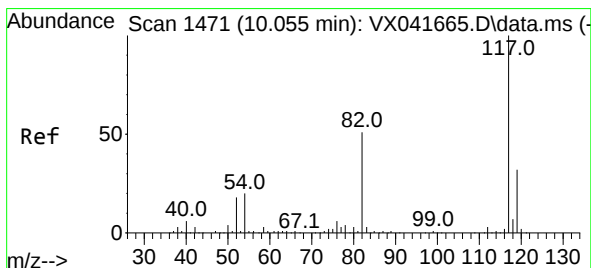
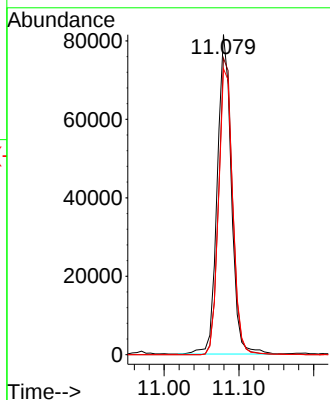
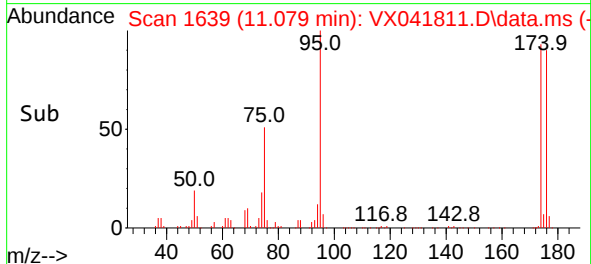
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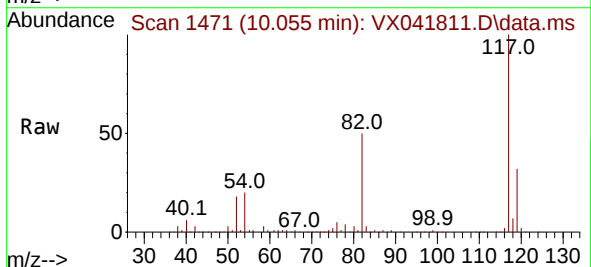
Tgt Ion: 95 Resp: 10655
Ion Ratio Lower Upper
95 100
174 92.1 0.0 135.6
176 90.4 0.0 131.0

Manual Integrations
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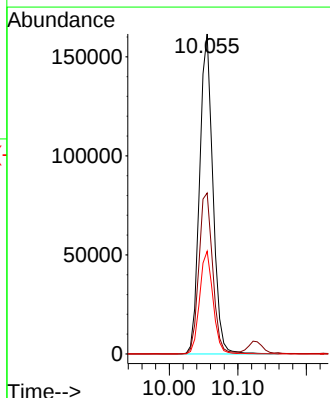
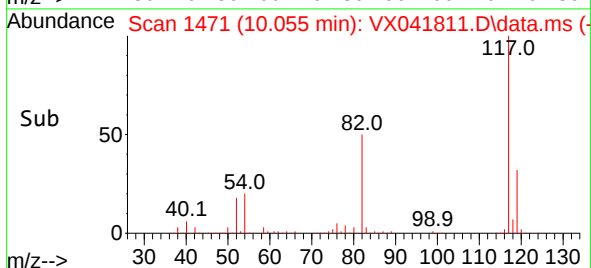
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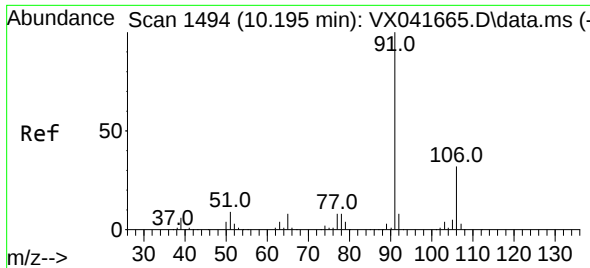


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31



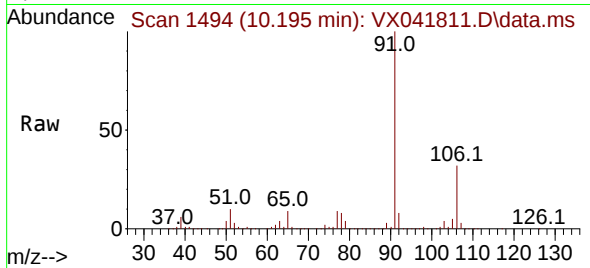
Tgt Ion:117 Resp: 218423
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.1 25.5 38.3





#67
Ethyl Benzene
Concen: 60.411 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

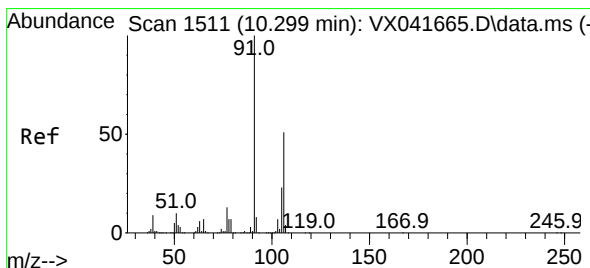
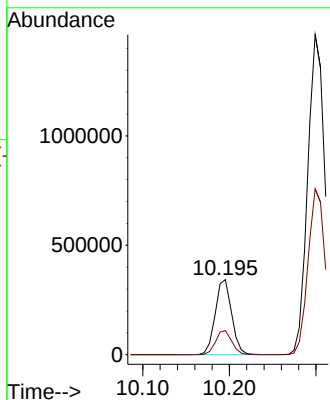
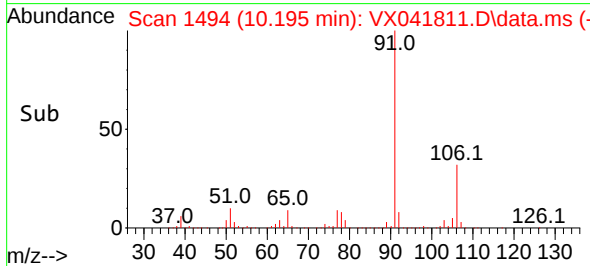
Instrument :
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MW-3



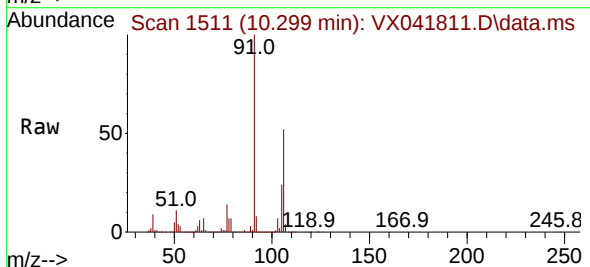
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Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

Manual Integrations
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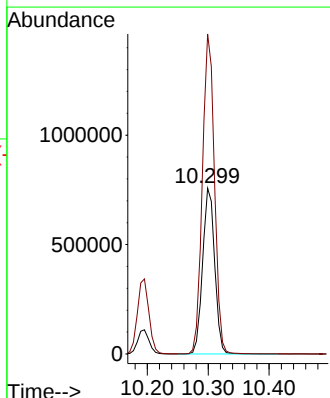
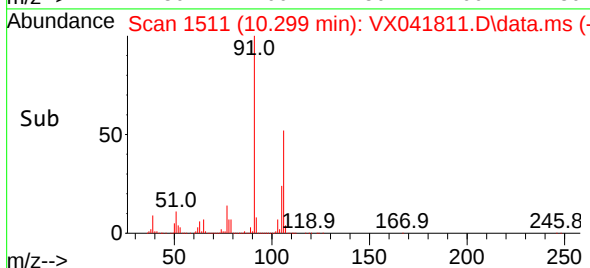
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

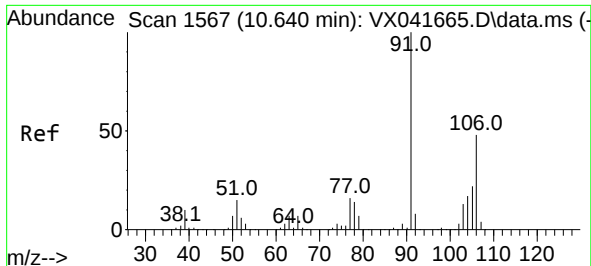


#68
m/p-Xylenes
Concen: 351.183 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31



Tgt Ion:106 Resp: 1043689
Ion Ratio Lower Upper
106 100
91 193.5 165.5 248.3





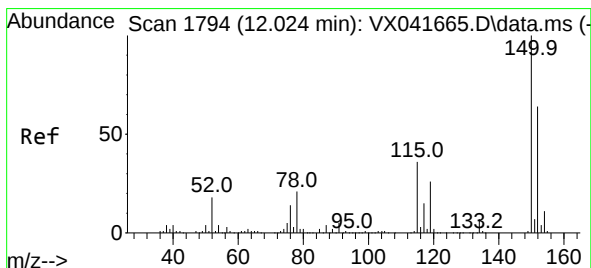
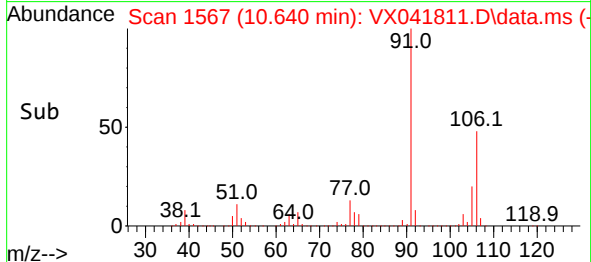
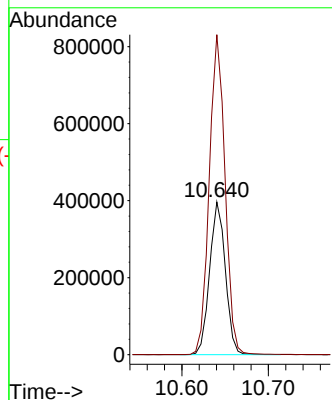
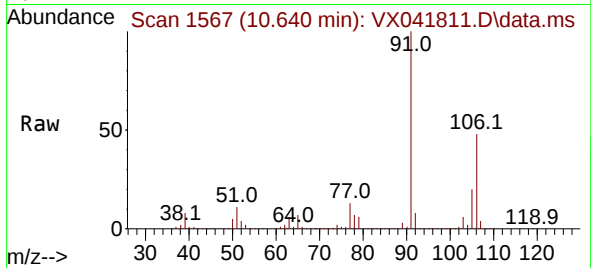
#69
o-Xylene
Concen: 169.267 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:106 Resp: 500438
Ion Ratio Lower Upper
106 100
91 209.4 108.9 326.8

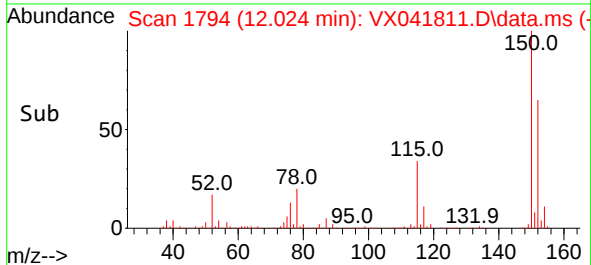
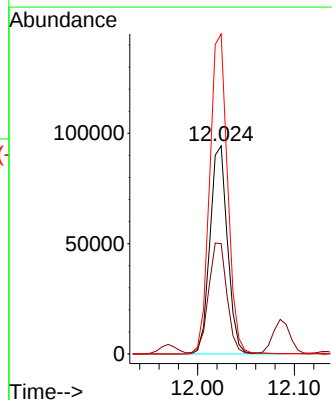
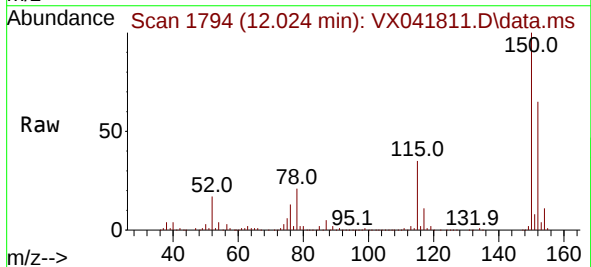
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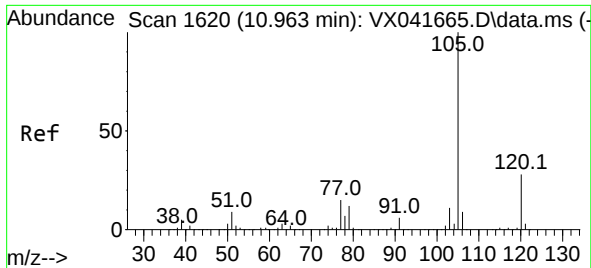
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Tgt Ion:152 Resp: 119022
Ion Ratio Lower Upper
152 100
115 55.8 43.3 129.9
150 157.0 0.0 345.0





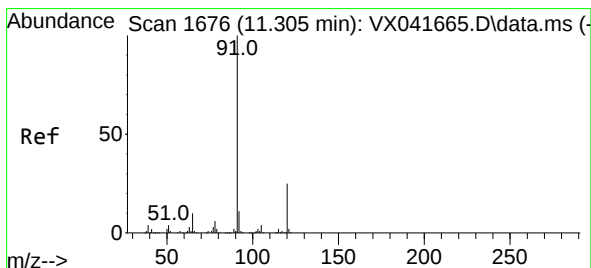
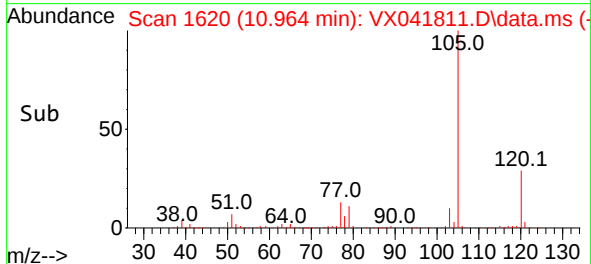
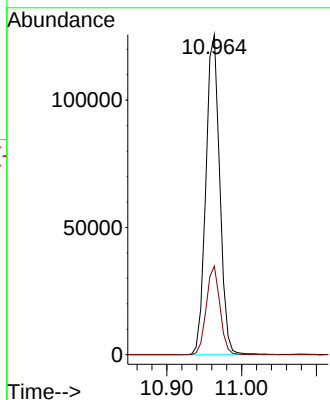
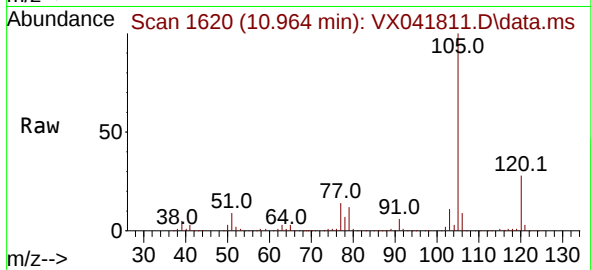
#73
Isopropylbenzene
Concen: 21.915 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:105 Resp: 161799
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

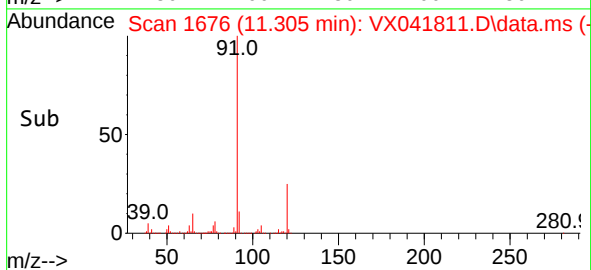
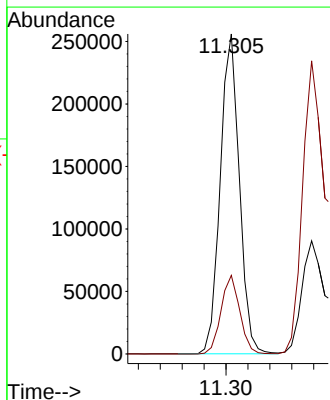
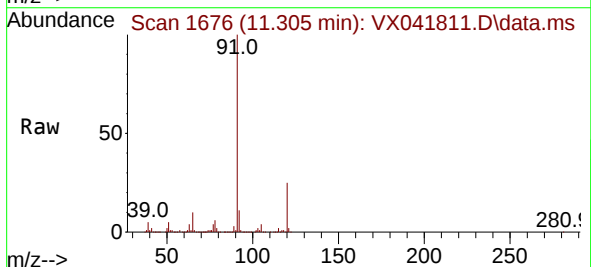
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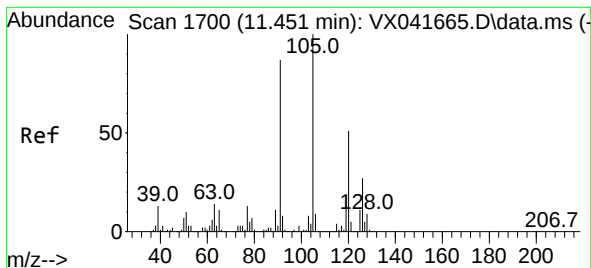
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#78
n-propylbenzene
Concen: 38.200 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

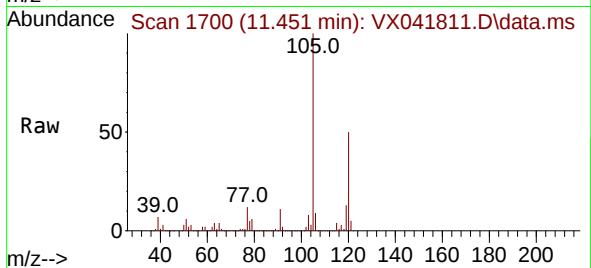
Tgt Ion: 91 Resp: 309690
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 54.301 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

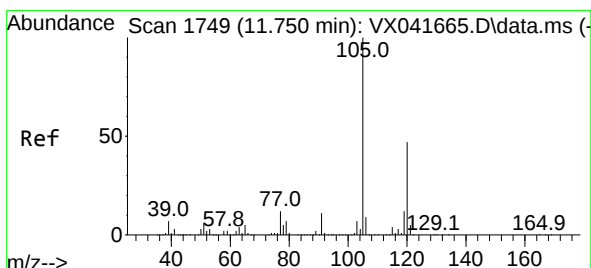
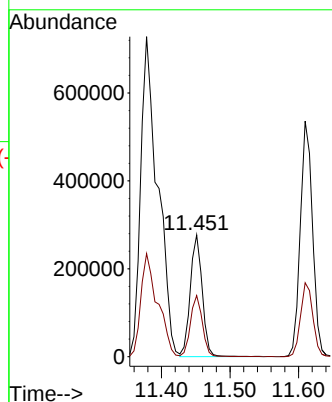
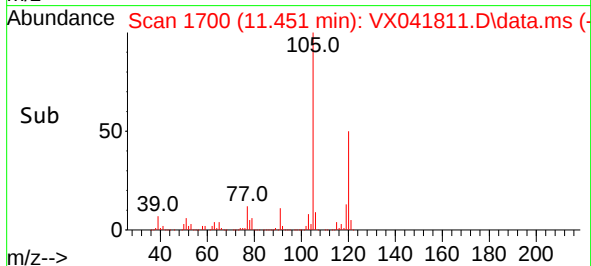
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:105 Resp: 334724
Ion Ratio Lower Upper
105 100
120 50.2 24.1 72.3

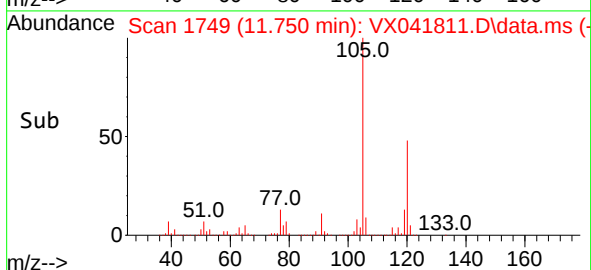
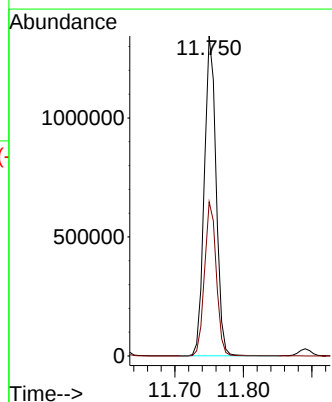
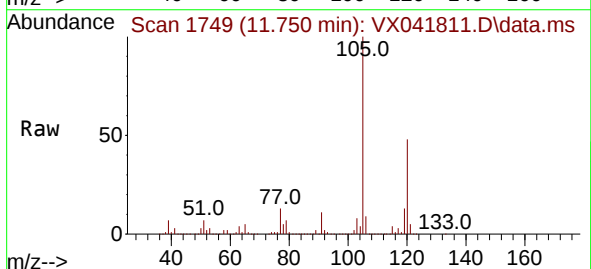
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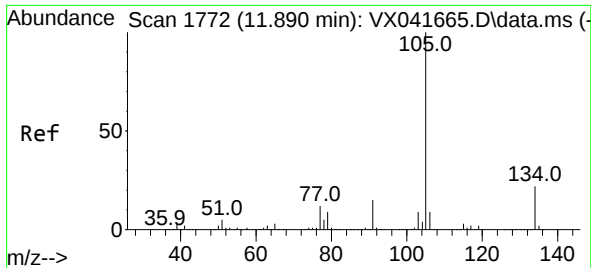
Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 258.636 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041811.D
Acq: 10 Jun 2024 15:31

Tgt Ion:105 Resp: 1615317
Ion Ratio Lower Upper
105 100
120 47.9 21.2 63.6





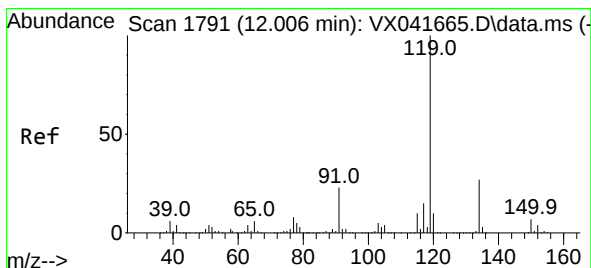
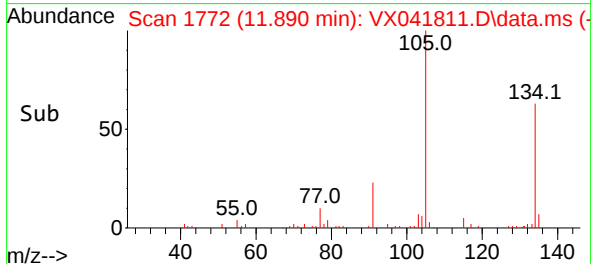
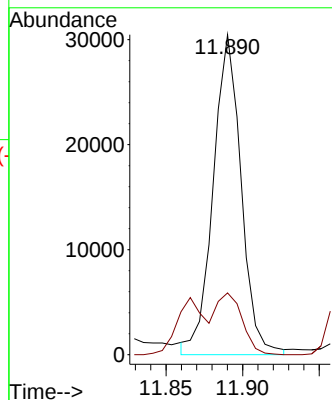
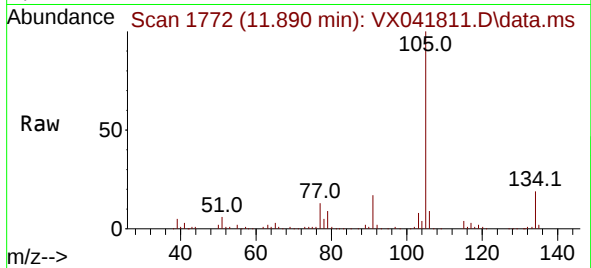
#85
 sec-Butylbenzene
 Concen: 5.080 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041811.D
 Acq: 10 Jun 2024 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tgt Ion:105 Resp: 3867
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

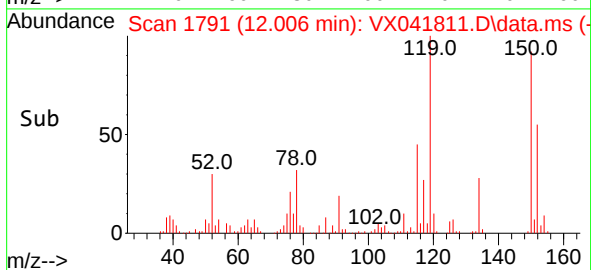
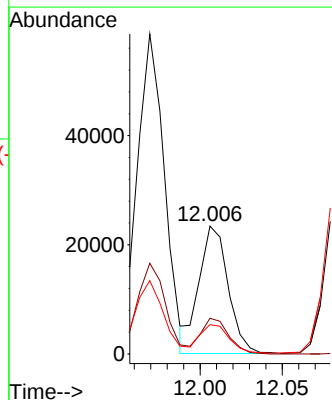
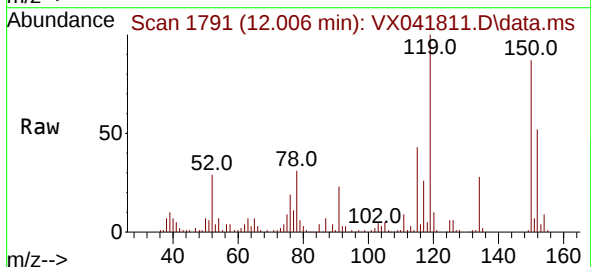
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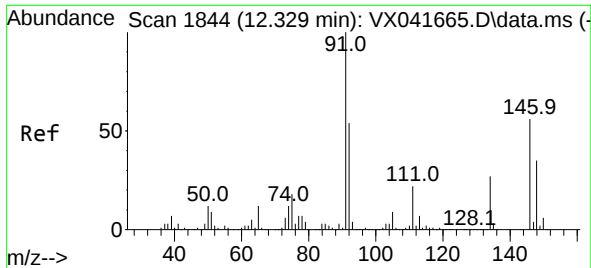
Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024



#86
 p-Isopropyltoluene
 Concen: 4.314 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041811.D
 Acq: 10 Jun 2024 15:31

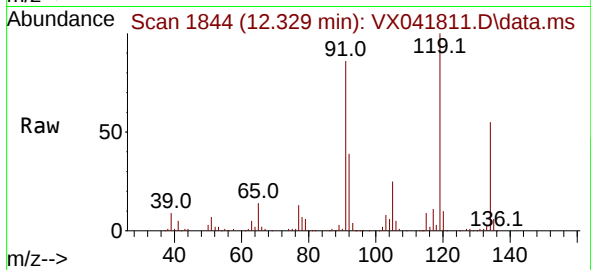
Tgt Ion:119 Resp: 28802
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 22.0 13.1 39.3





#89
 n-Butylbenzene
 Concen: 12.803 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041811.D
 Acq: 10 Jun 2024 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3



Tgt Ion: 91	Resp: 6766
Ion Ratio	Lower Upper
91	100
92	35.0 27.4 82.0
134	111.3 12.6 37.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

