

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044049.D
 Acq On : 27 Nov 2024 18:29
 Operator : JC/MD
 Sample : P5021-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 29 05:12:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112926	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	218400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103051	53.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	5.379	113	72361	46.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.740%			
50) Toluene-d8	8.647	98	270048	50.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	11.079	95	95697	52.271	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.540%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	13437	15.105	ug/l	98
25) 2-Butanone	4.587	43	6874	5.989	ug/l	94
31) Cyclohexane	5.464	56	89284	41.360	ug/l	97
39) Methylcyclohexane	7.373	83	67694	26.795	ug/l	97
40) Benzene	6.031	78	2019952	333.462	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	7404	3.158	ug/l	93
52) Toluene	8.714	92	140987	38.886	ug/l	98
67) Ethyl Benzene	10.195	91	5413672	756.596	ug/l	96
68) m/p-Xylenes	10.305	106	671832	251.777	ug/l	100
69) o-Xylene	10.640	106	272013	104.408	ug/l	95
73) Isopropylbenzene	10.957	105	161777	23.081	ug/l	99
78) n-propylbenzene	11.305	91	406301	51.903	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	15729m	2.728	ug/l	
84) 1,2,4-Trimethylbenzene	11.750	105	2586116	450.469	ug/l	100
85) sec-Butylbenzene	11.890	105	20478m	2.924	ug/l	
86) p-Isopropyltoluene	12.006	119	19673	3.459	ug/l #	74
89) n-Butylbenzene	12.329	91	24295m	4.844	ug/l	
95) Naphthalene	13.774	128	1603075	245.793	ug/l	99

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

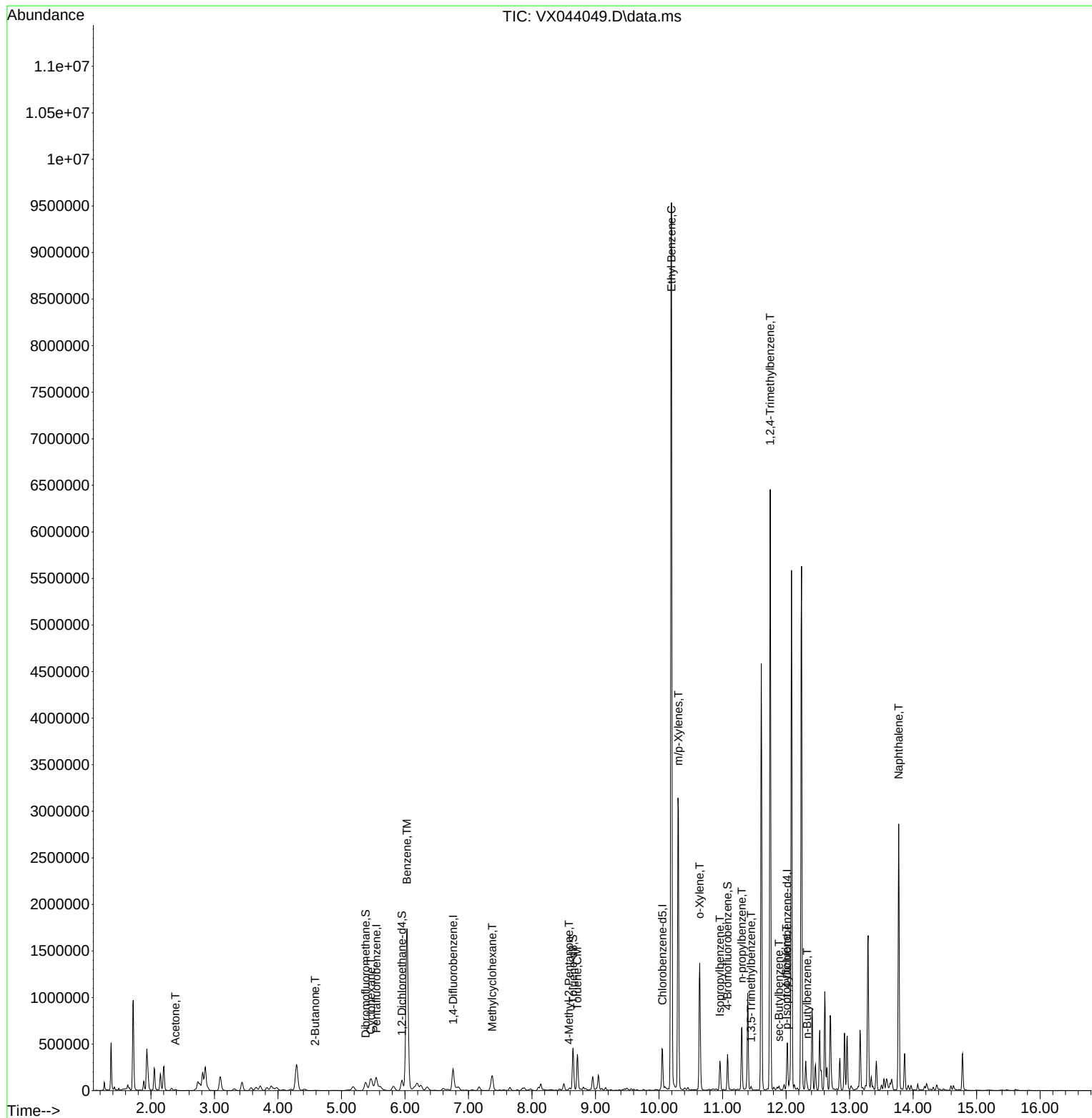
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044049.D
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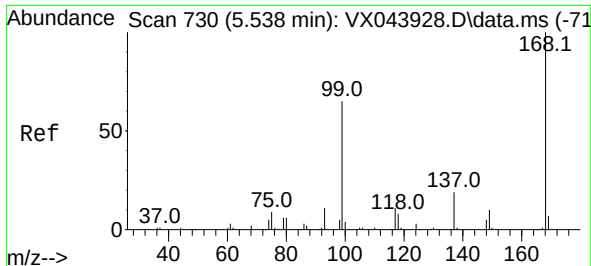
Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Nov 29 05:12:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Manual Integrations
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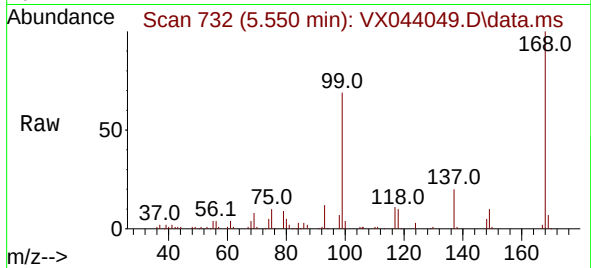
Reviewed By : John Carlone 12/02/2024
Supervised By : Mahesh Dadoda 12/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

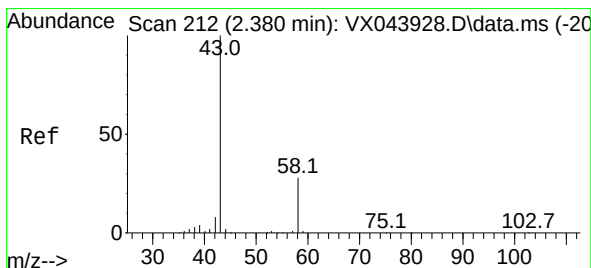
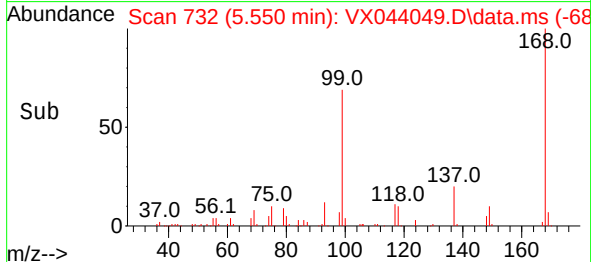
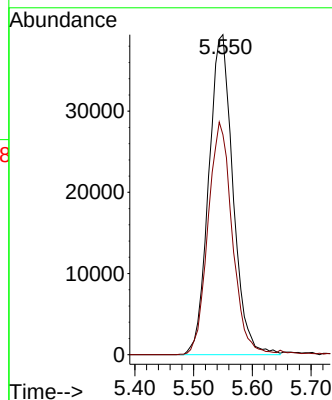
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:168 Resp: 112920
Ion Ratio Lower Upper
168 100
99 68.6 51.8 77.8

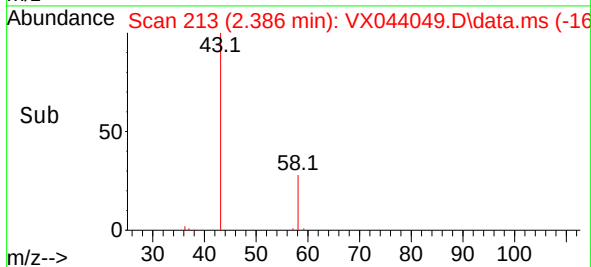
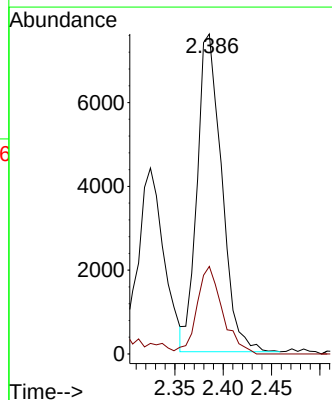
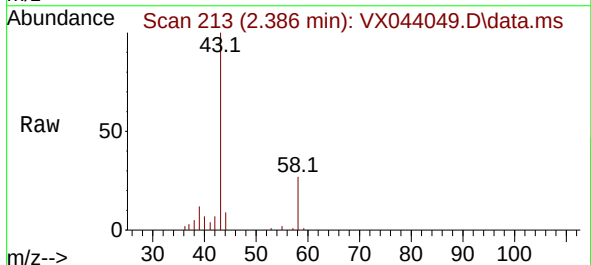
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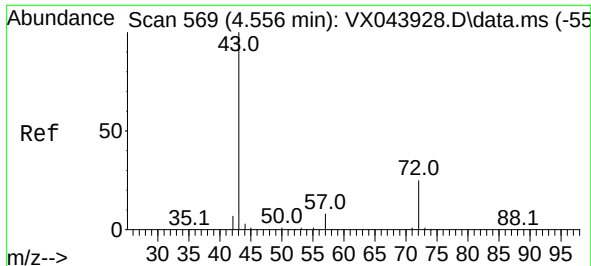
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#16
Acetone
Concen: 15.105 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

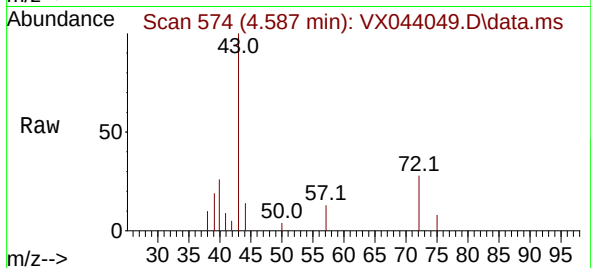
Tgt Ion: 43 Resp: 13437
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1





#25
2-Butanone
Concen: 5.989 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

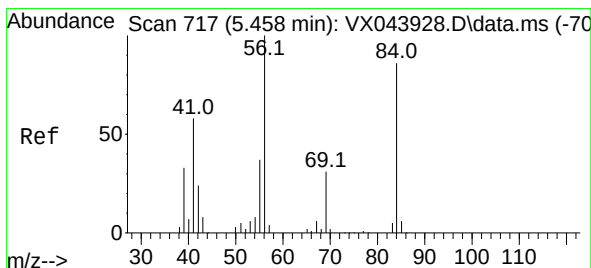
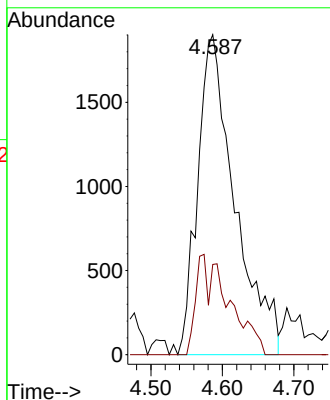
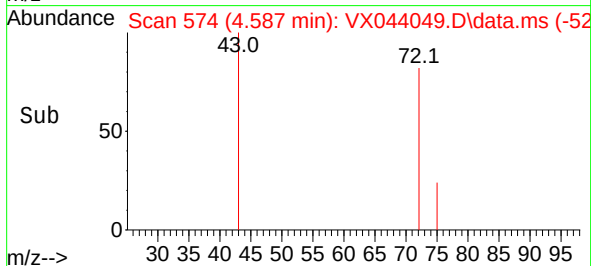
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 43 Resp: 6874
Ion Ratio Lower Upper
43 100
72 28.2 20.2 30.2

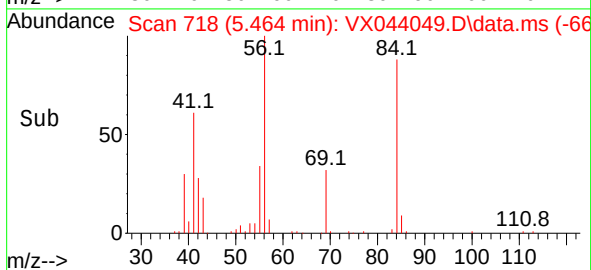
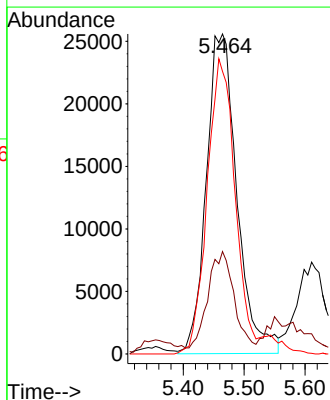
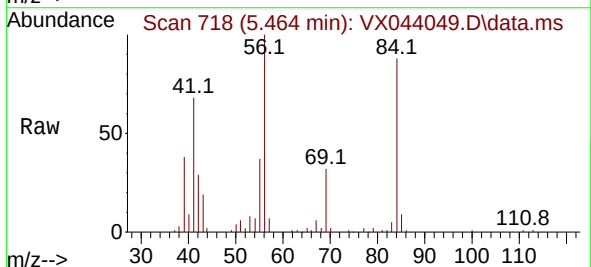
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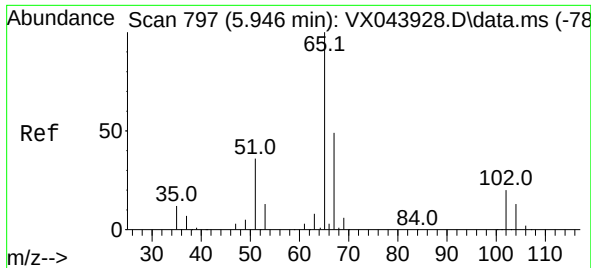
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#31
Cyclohexane
Concen: 41.360 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion: 56 Resp: 89284
Ion Ratio Lower Upper
56 100
69 29.9 24.7 37.1
84 88.7 68.7 103.1





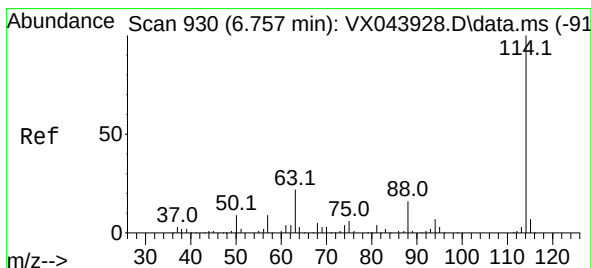
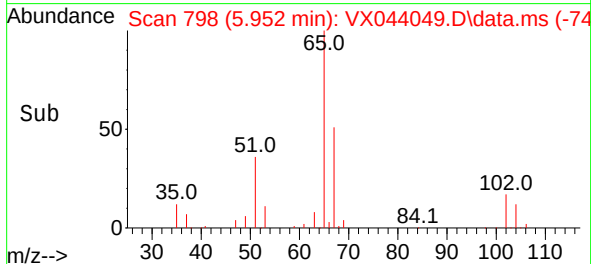
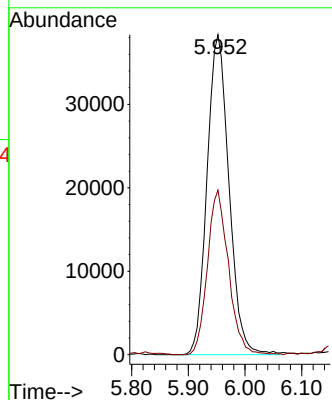
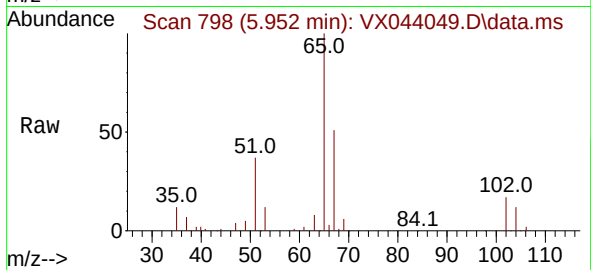
#33
1,2-Dichloroethane-d4
Concen: 53.205 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 65 Resp: 10305
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8

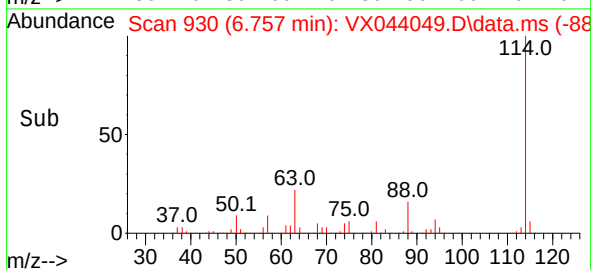
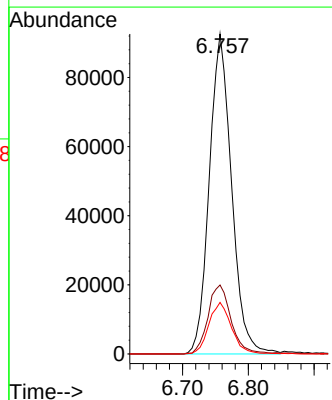
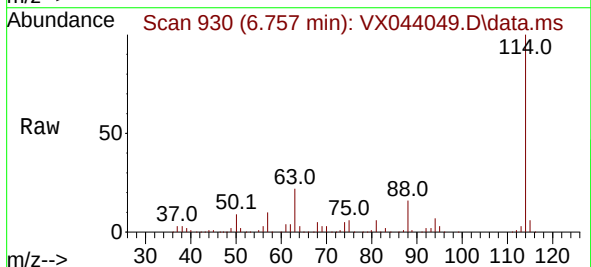
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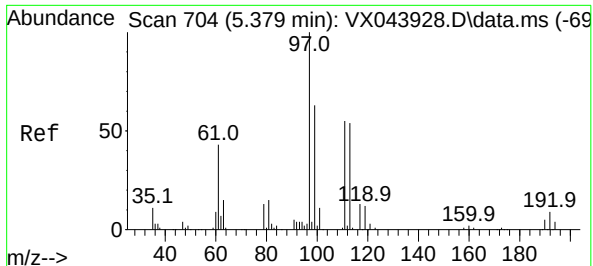
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion:114 Resp: 218400
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.368 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044049.D

Acq: 27 Nov 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion:113 Resp: 7236

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

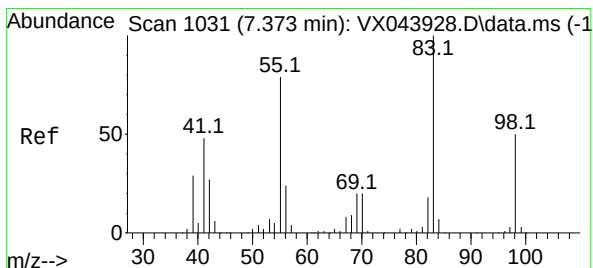
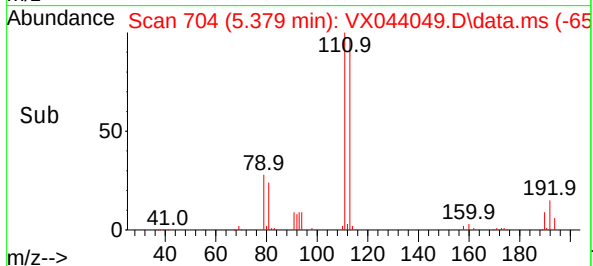
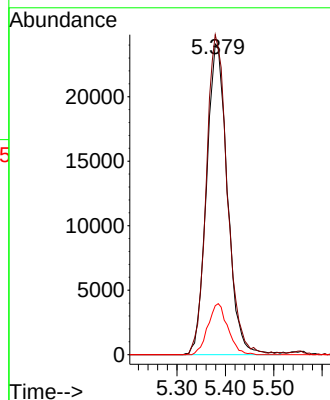
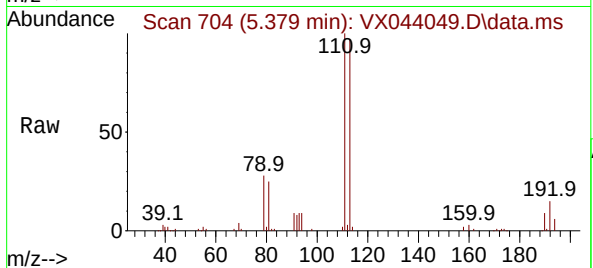
192 15.6 13.0 19.6

Manual Integrations

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Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#39

Methylcyclohexane

Concen: 26.795 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044049.D

Acq: 27 Nov 2024 18:29

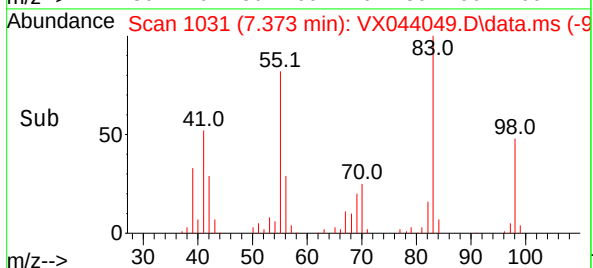
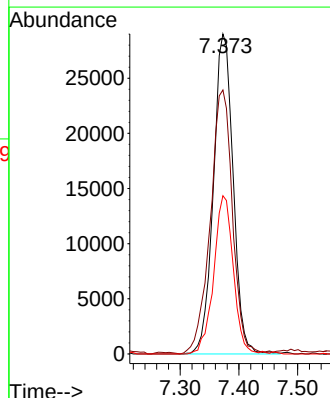
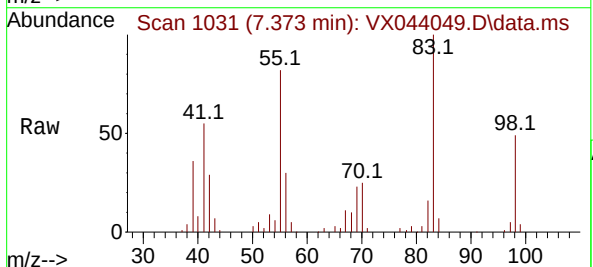
Tgt Ion: 83 Resp: 67694

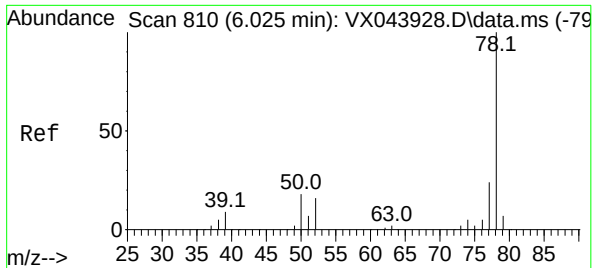
Ion Ratio Lower Upper

83 100

55 82.5 63.1 94.7

98 49.4 40.0 60.0





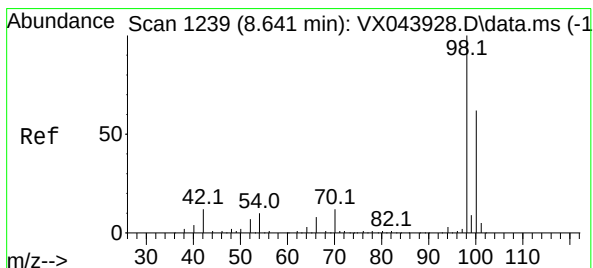
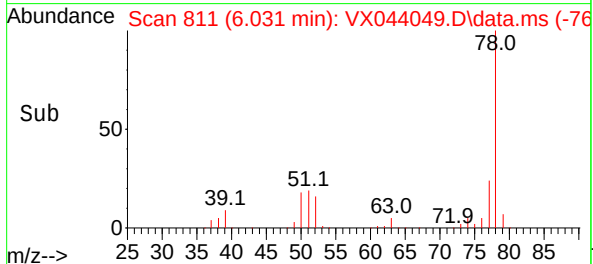
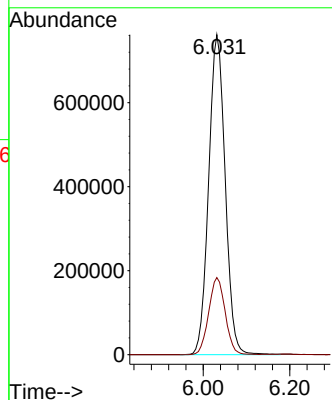
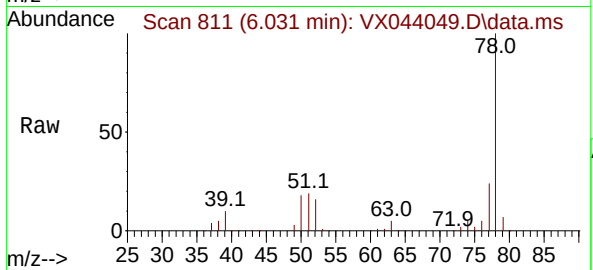
#40
Benzene
Concen: 333.462 ug/l
RT: 6.031 min Scan# 810
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 78 Resp: 201995
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

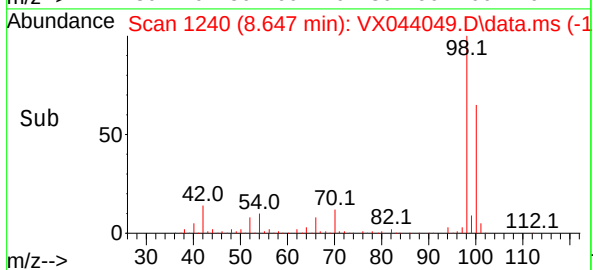
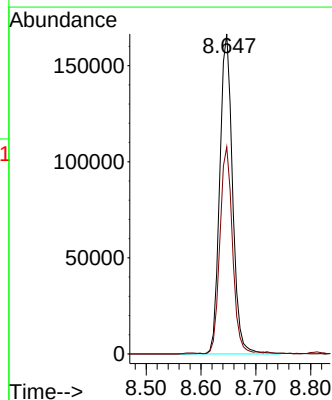
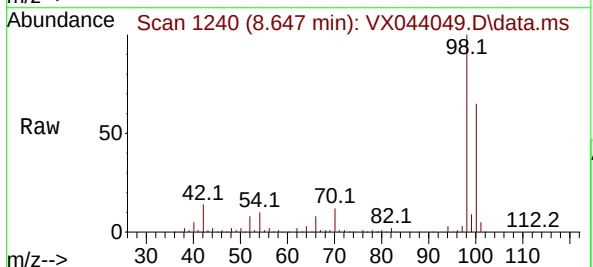
Manual Integrations
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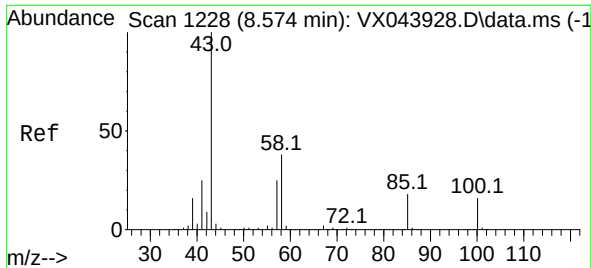
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#50
Toluene-d8
Concen: 50.200 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

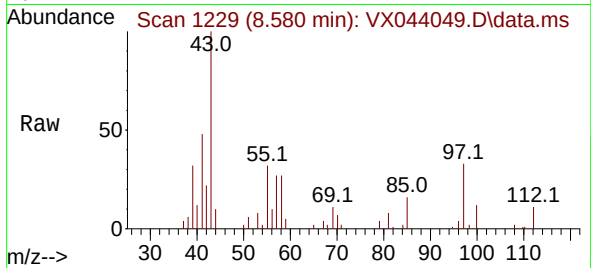
Tgt Ion: 98 Resp: 270048
Ion Ratio Lower Upper
98 100
100 63.6 52.6 79.0





#51
4-Methyl-2-Pentanone
Concen: 3.158 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

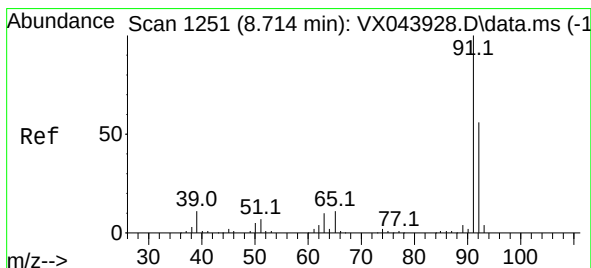
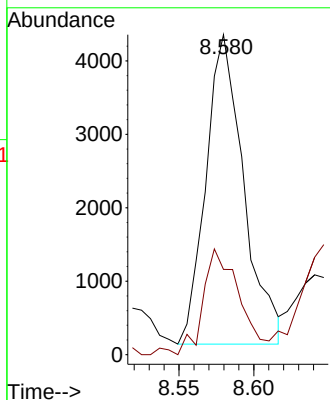
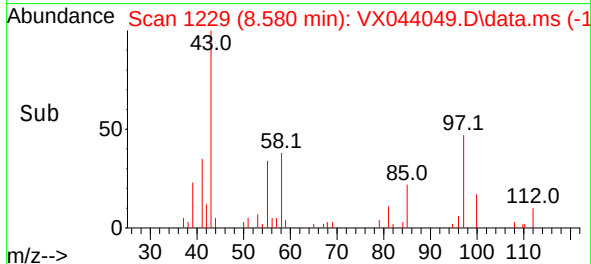
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 33.5 30.0 45.0

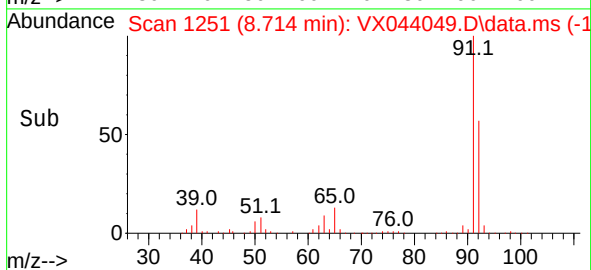
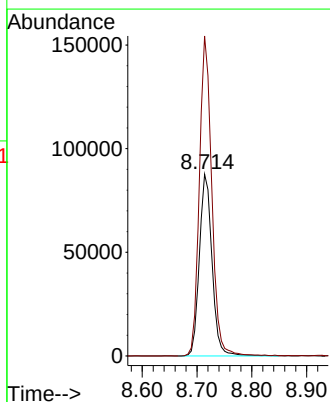
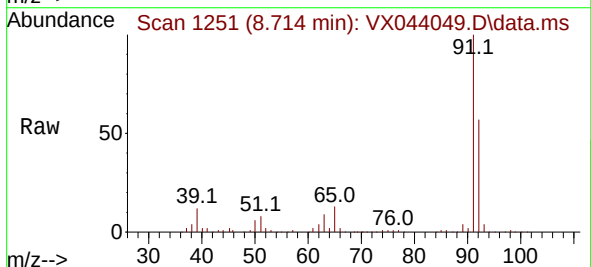
Manual Integrations
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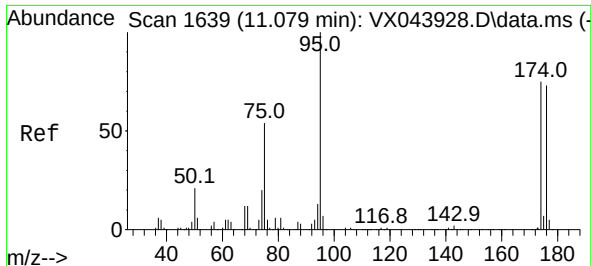
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#52
Toluene
Concen: 38.886 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion: 92 Resp: 140987
Ion Ratio Lower Upper
92 100
91 172.3 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.271 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044049.D

Acq: 27 Nov 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion: 95 Resp: 9569

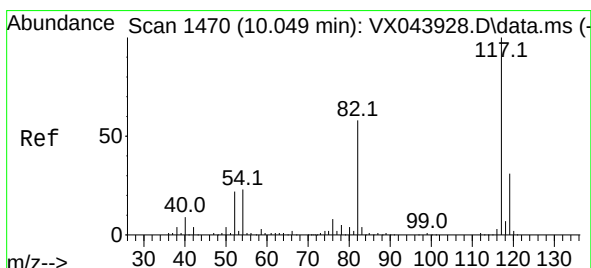
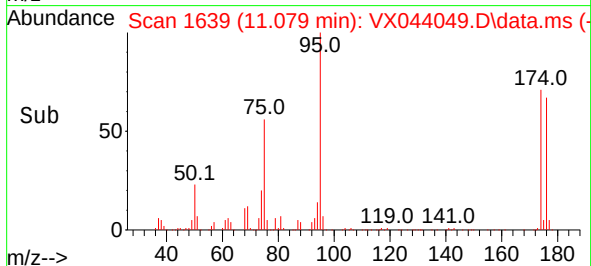
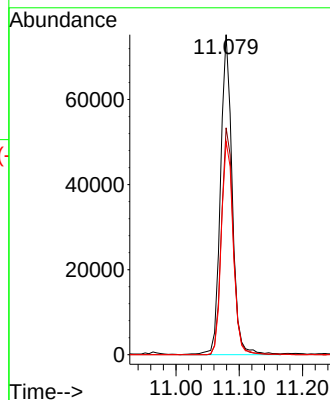
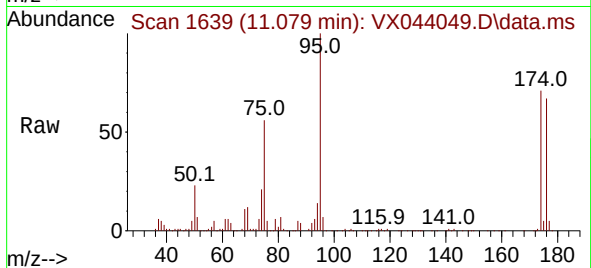
Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	150.4
176	67.7	0.0	146.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

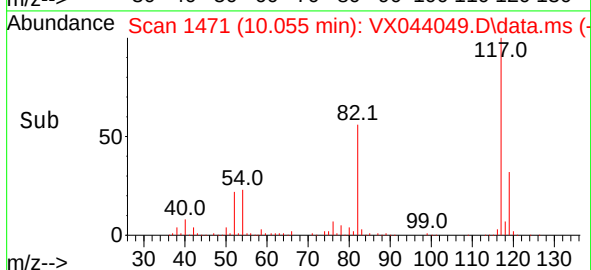
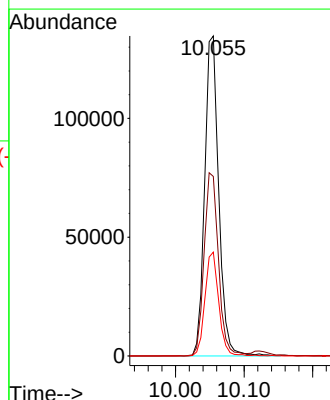
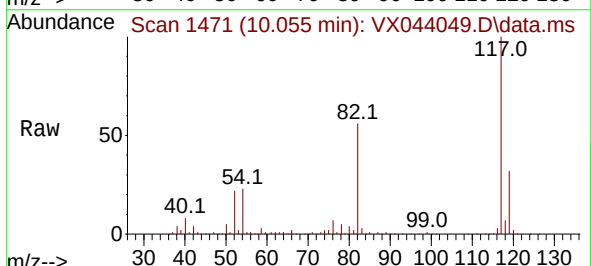
Delta R.T. 0.006 min

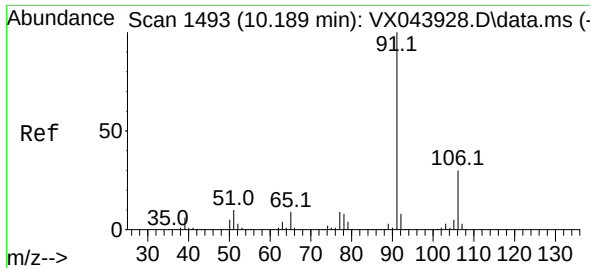
Lab File: VX044049.D

Acq: 27 Nov 2024 18:29

Tgt Ion:117 Resp: 192264

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.4	69.6
119	32.5	24.6	37.0





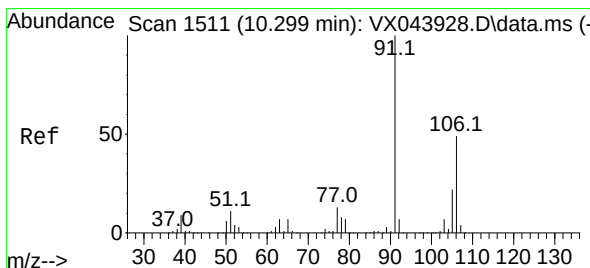
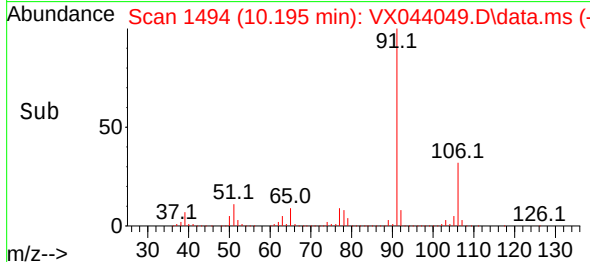
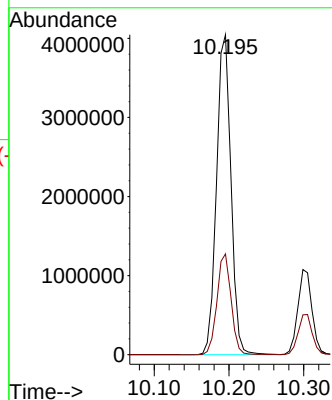
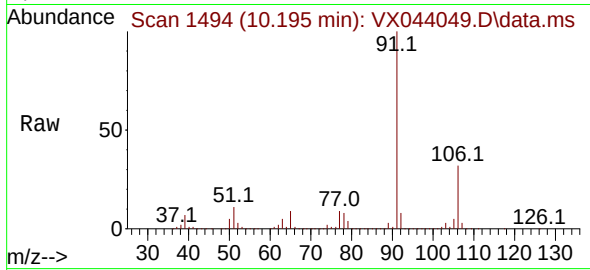
#67
Ethyl Benzene
Concen: 756.596 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 91 Resp: 5413672
Ion Ratio Lower Upper
91 100
106 31.5 23.6 35.4

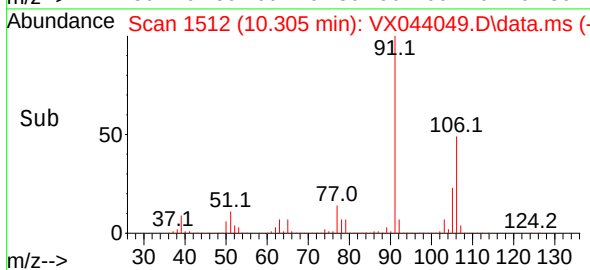
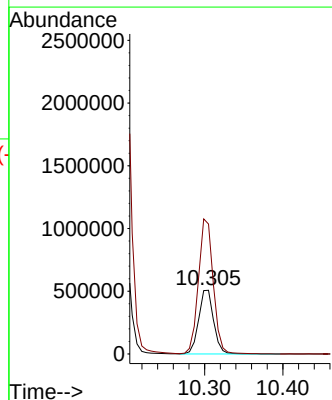
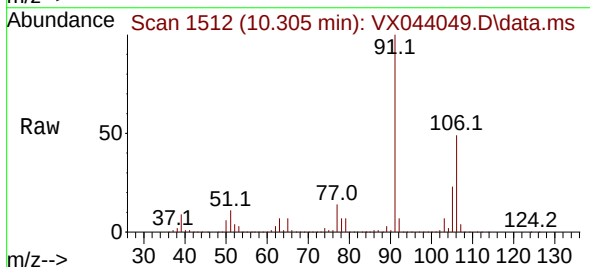
Manual Integrations
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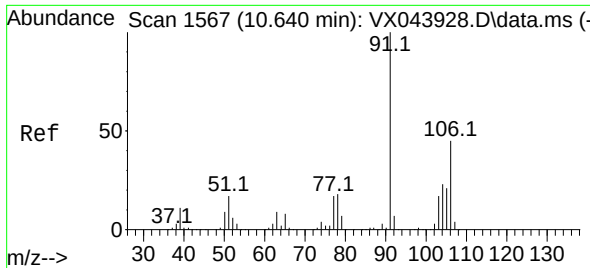
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#68
m/p-Xylenes
Concen: 251.777 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion:106 Resp: 671832
Ion Ratio Lower Upper
106 100
91 210.8 168.1 252.1





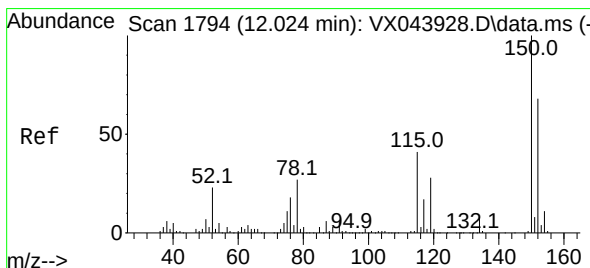
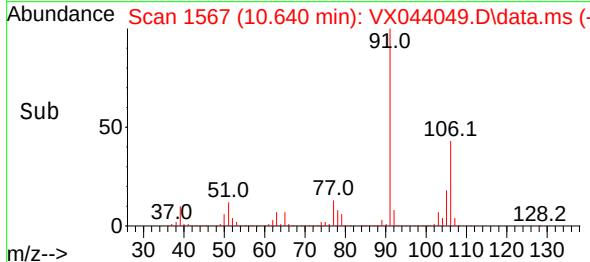
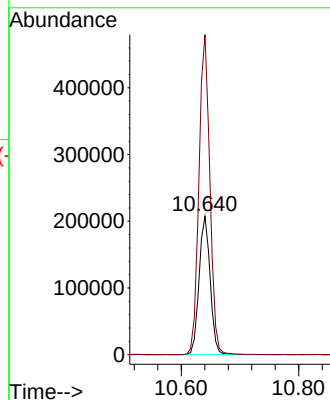
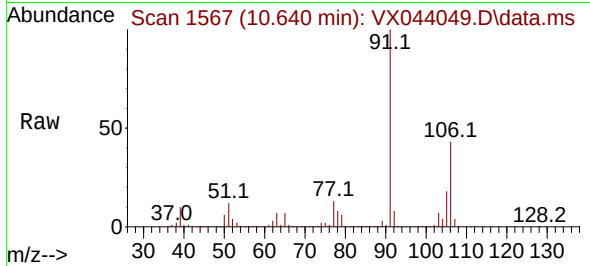
#69
o-Xylene
Concen: 104.408 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:106 Resp: 272013
Ion Ratio Lower Upper
106 100
91 227.9 110.2 330.6

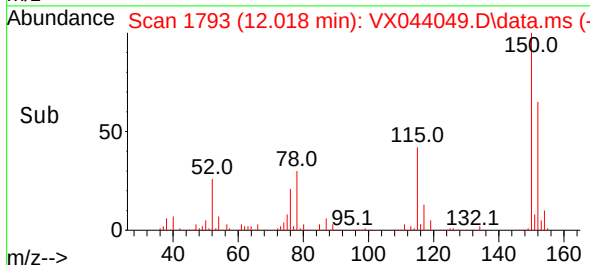
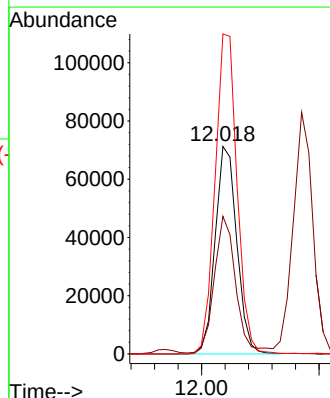
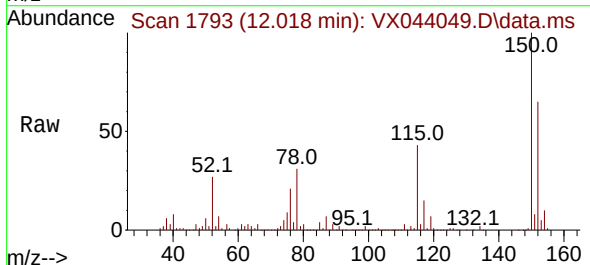
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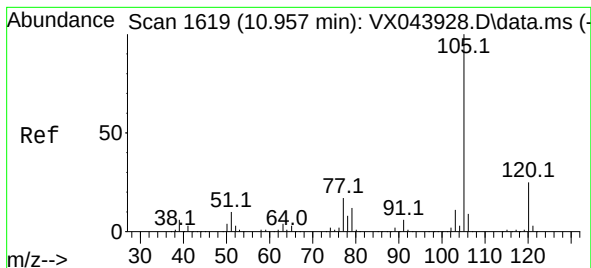
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion:152 Resp: 91181
Ion Ratio Lower Upper
152 100
115 63.9 45.4 136.2
150 156.7 0.0 353.0





#73

Isopropylbenzene

Concen: 23.081 ug/l

RT: 10.957 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX044049.D

Acq: 27 Nov 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion:105 Resp: 16177

Ion Ratio Lower Upper

105 100

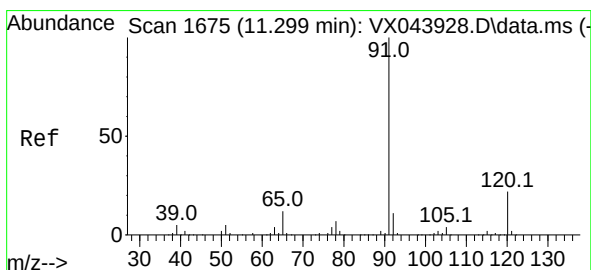
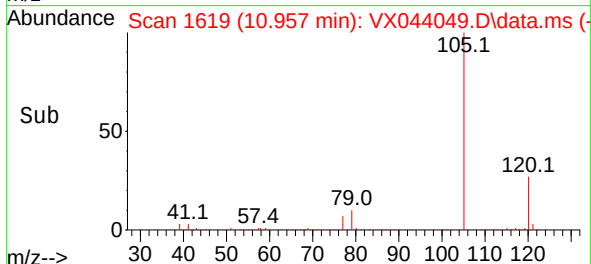
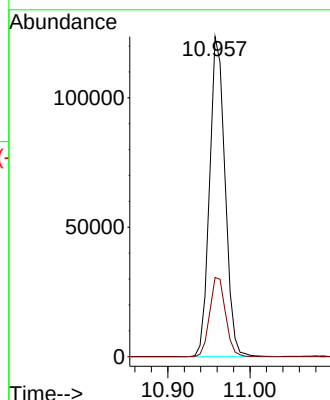
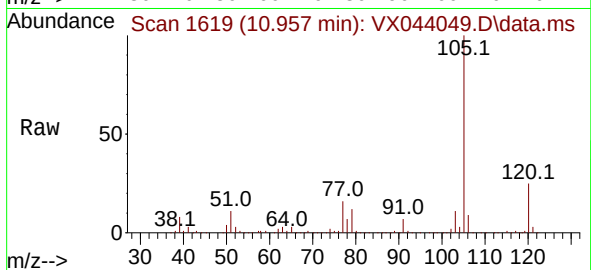
120 25.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#78

n-propylbenzene

Concen: 51.903 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044049.D

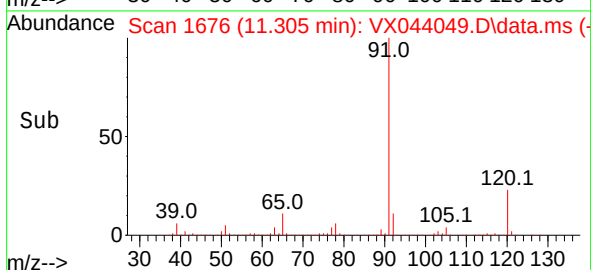
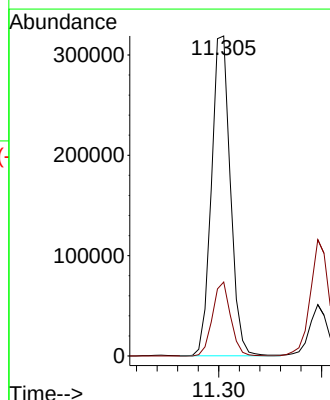
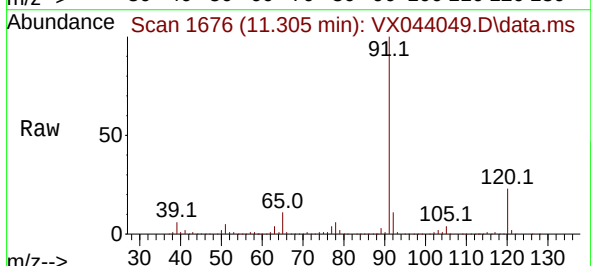
Acq: 27 Nov 2024 18:29

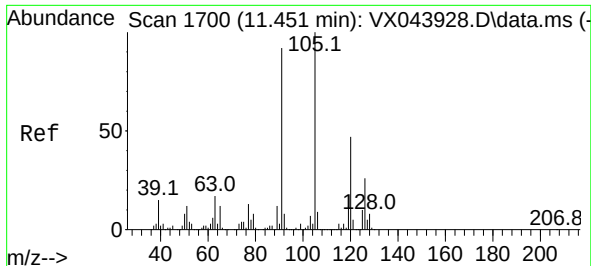
Tgt Ion: 91 Resp: 406301

Ion Ratio Lower Upper

91 100

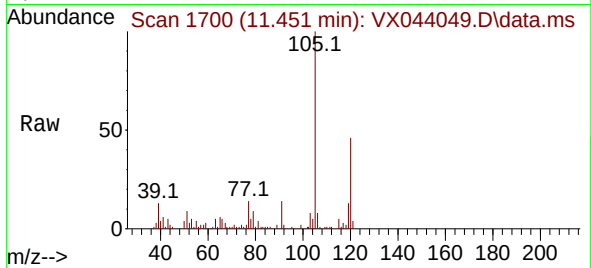
120 22.2 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 2.728 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

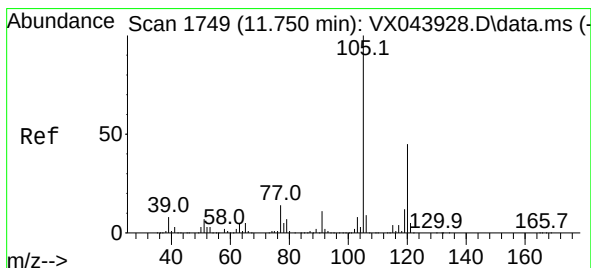
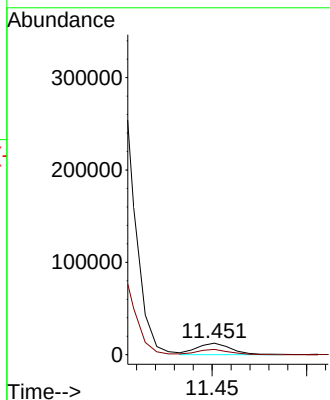
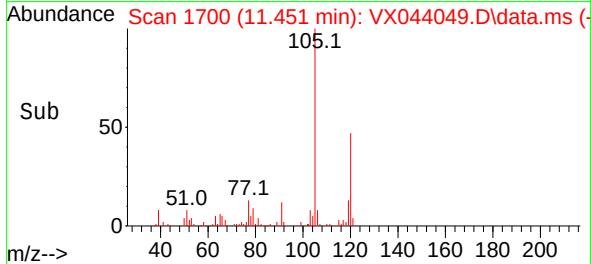
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:105 Resp: 15729
Ion Ratio Lower Upper
105 100
120 0.0 23.3 69.8

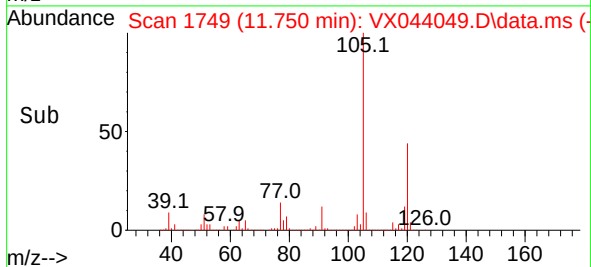
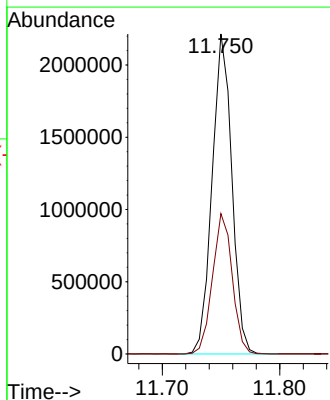
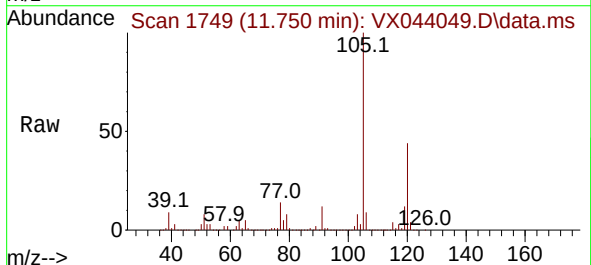
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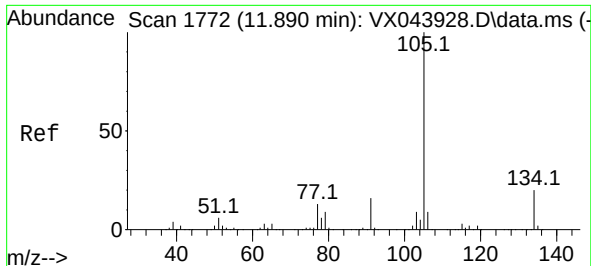
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#84
1,2,4-Trimethylbenzene
Concen: 450.469 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion:105 Resp: 2586116
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.7





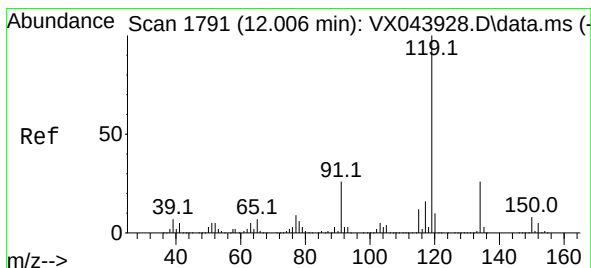
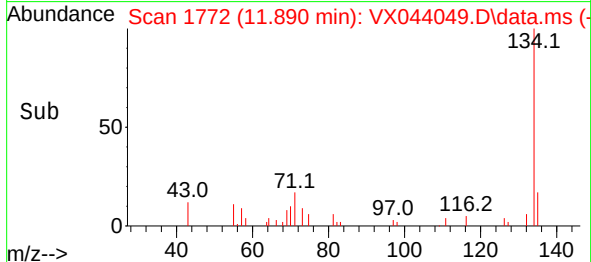
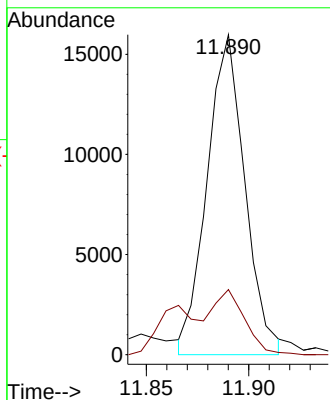
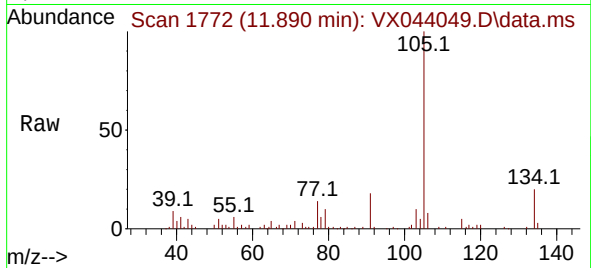
#85
 sec-Butylbenzene
 Concen: 2.924 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044049.D
 Acq: 27 Nov 2024 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Tgt Ion:105 Resp: 20478
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1

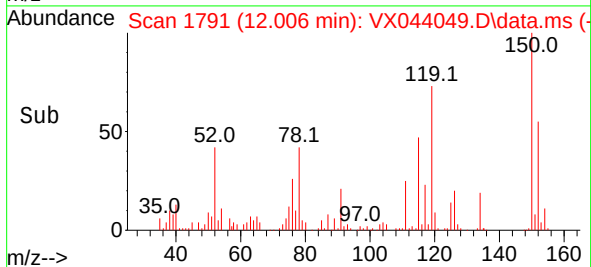
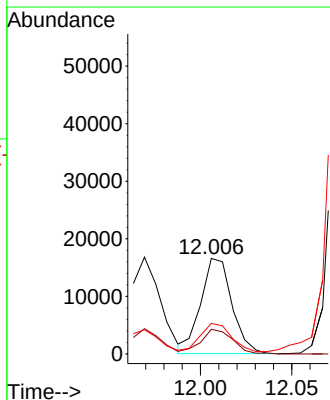
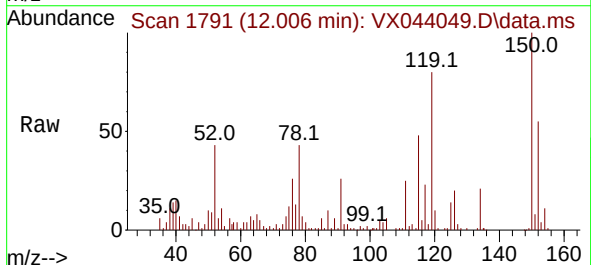
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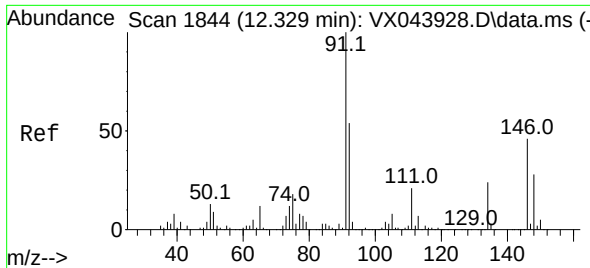
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024



#86
 p-Isopropyltoluene
 Concen: 3.459 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044049.D
 Acq: 27 Nov 2024 18:29

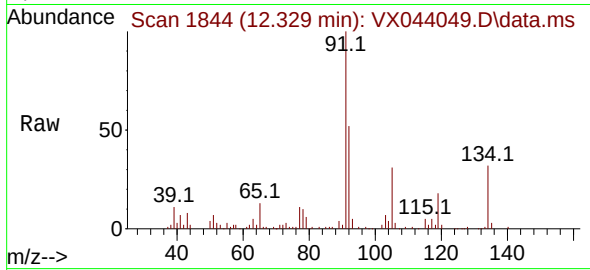
Tgt Ion:119 Resp: 19673
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 38.9
 91 0.0 13.0 38.9





#89
n-Butylbenzene
Concen: 4.844 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

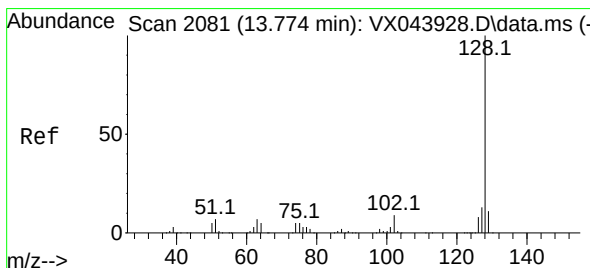
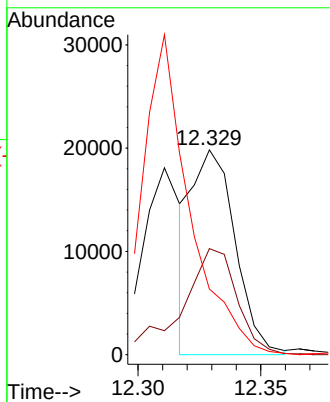
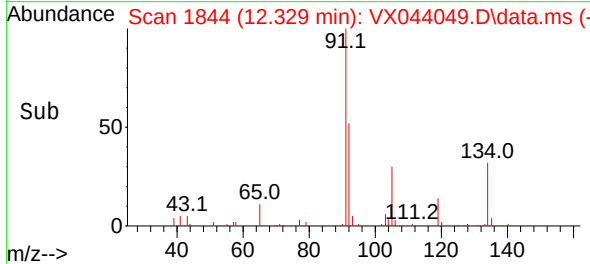
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 91 Resp: 2429
Ion Ratio Lower Upper
91 100
92 66.6 26.6 79.8
134 169.2 12.4 37.2

Manual Integrations
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Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#95
Naphthalene
Concen: 245.793 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044049.D
Acq: 27 Nov 2024 18:29

Tgt Ion:128 Resp: 1603075
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.6 12.8

