

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044990.D
 Acq On : 18 Feb 2025 16:08
 Operator : JC/MD
 Sample : Q1373-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB27161

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 06:14:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	91056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73788	55.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.720%			
35) Dibromofluoromethane	5.379	113	61382	51.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.860%			
50) Toluene-d8	8.659	98	166016	37.146	ug/l	0.01
Spiked Amount 50.000	Range 86 - 113		Recovery = 74.300%#			
62) 4-Bromofluorobenzene	11.079	95	72679	48.237	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.480%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	3405m	13.770	ug/l	
13) Acrolein	2.233	56	5399	21.162	ug/l	99
16) Acetone	2.379	43	119514	223.042	ug/l	95
18) Methyl Acetate	2.696	43	2525	1.493	ug/l	91
25) 2-Butanone	4.562	43	18083	20.783	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	26303051	14126.138	ug/l	92
52) Toluene	8.732	92	58530	18.457	ug/l	99
59) 2-Hexanone	9.433	43	7166	5.341	ug/l	88
67) Ethyl Benzene	10.189	91	254555	46.061	ug/l	98
68) m/p-Xylenes	10.299	106	438482	215.089	ug/l	98
69) o-Xylene	10.640	106	431204	210.799	ug/l	97
73) Isopropylbenzene	10.957	105	21739	3.937	ug/l	100
78) n-propylbenzene	11.305	91	33427	5.245	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	108955	24.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	284994	64.444	ug/l	99

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

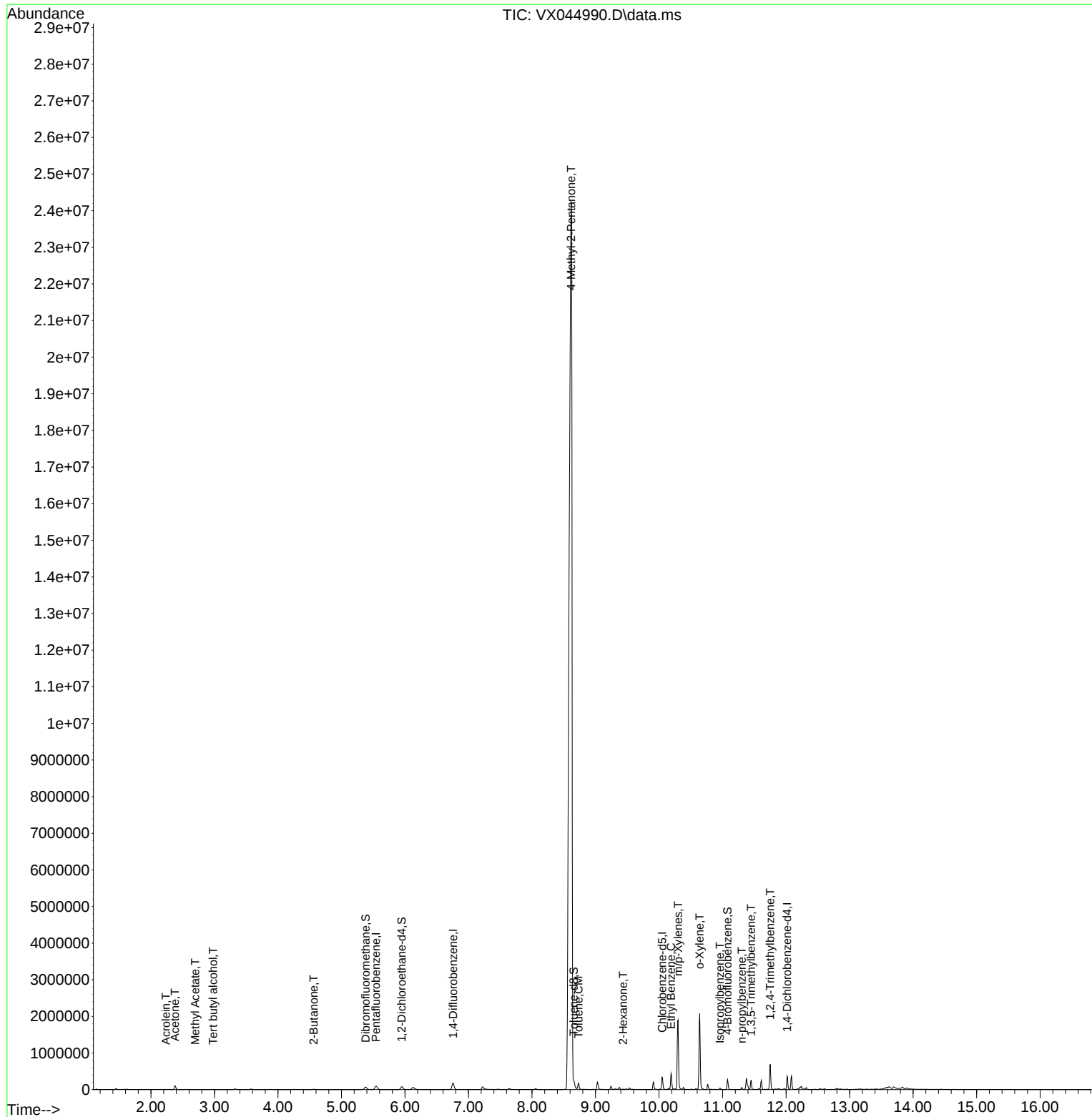
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
Data File : VX044990.D
Acq On : 18 Feb 2025 16:08
Operator : JC/MD
Sample : Q1373-01
Misc : 5.0mL/MSVOA_X/WATER
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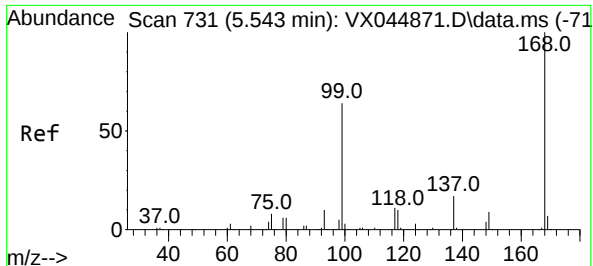
Instrument :
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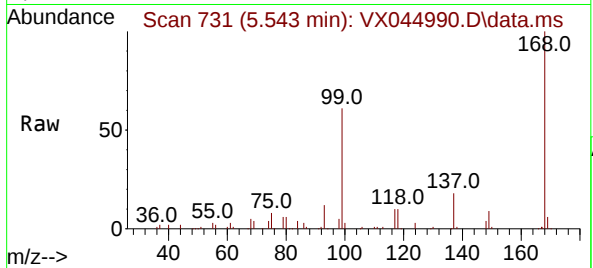
Quant Time: Feb 19 06:14:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

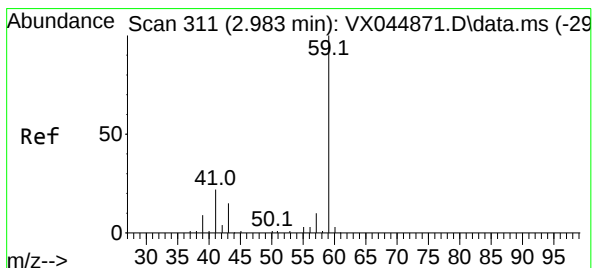
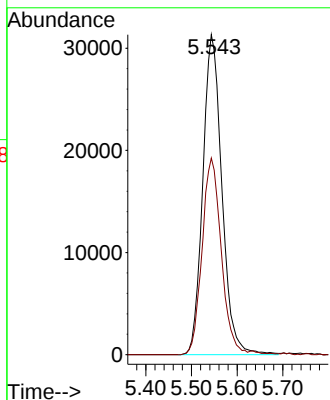
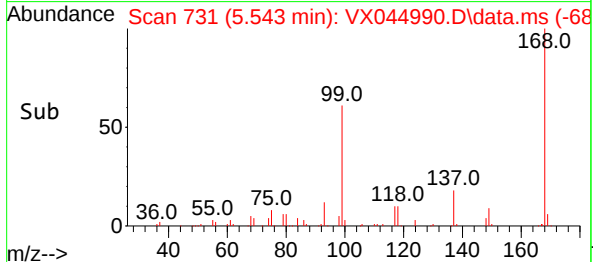
Instrument :
MSVOA_X
ClientSampleId :
VB27161



Tgt Ion:168 Resp: 9105
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8

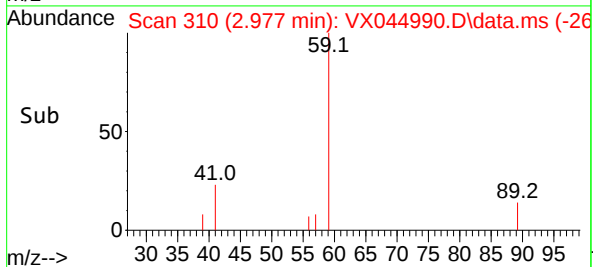
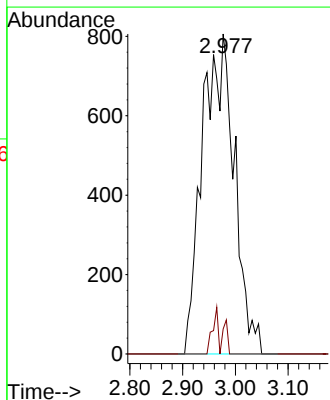
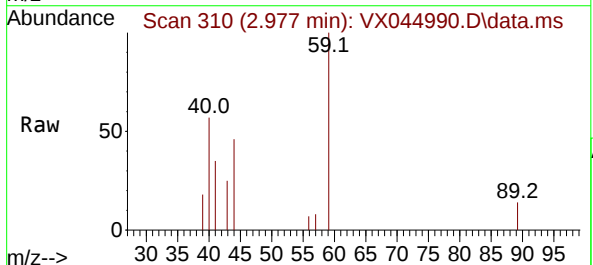
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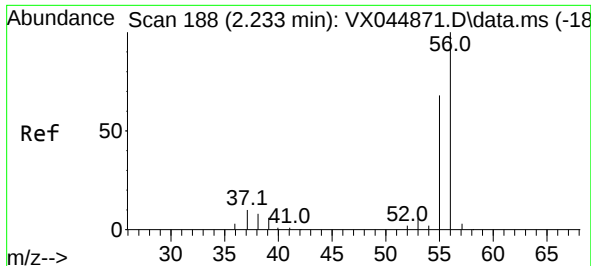
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#11
Tert butyl alcohol
Concen: 13.770 ug/l m
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

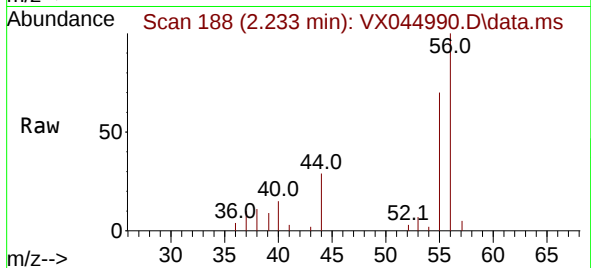
Tgt Ion: 59 Resp: 3405
Ion Ratio Lower Upper
59 100
57 2.5 8.1 12.1#





#13
Acrolein
Concen: 21.162 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

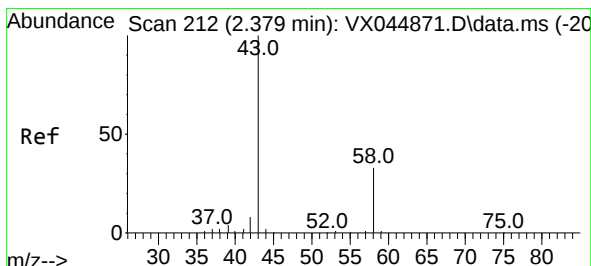
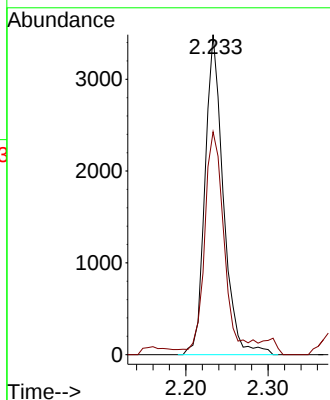
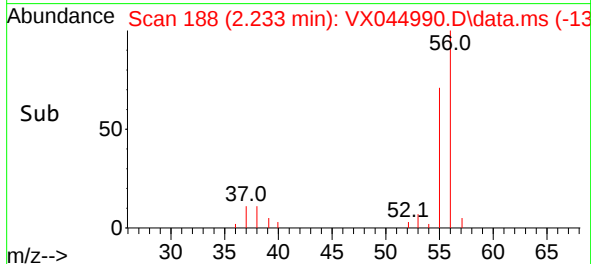
Instrument :
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ClientSampleId :
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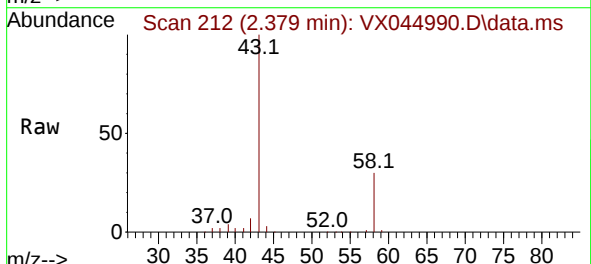
Tgt Ion: 56 Resp: 5399
Ion Ratio Lower Upper
56 100
55 69.1 55.7 83.5

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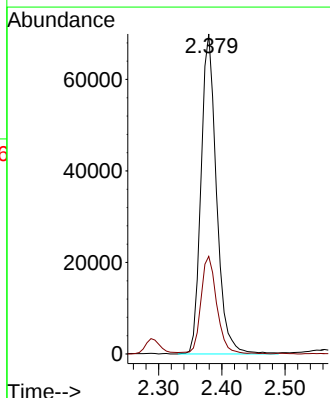
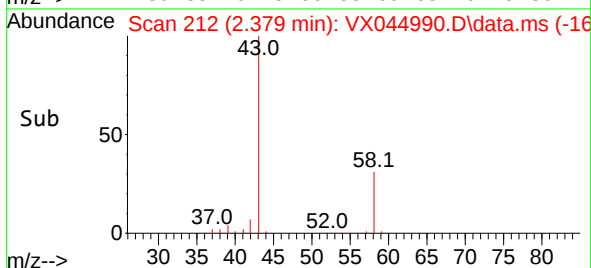
Reviewed By :John Carlone 02/19/2025
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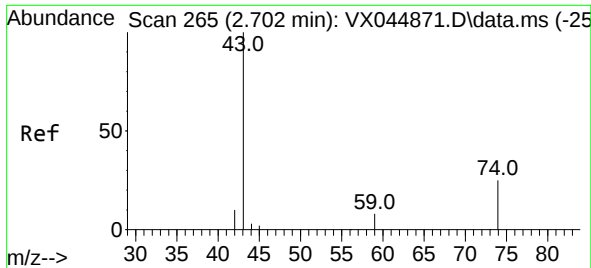


#16
Acetone
Concen: 223.042 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08



Tgt Ion: 43 Resp: 119514
Ion Ratio Lower Upper
43 100
58 30.3 26.5 39.7





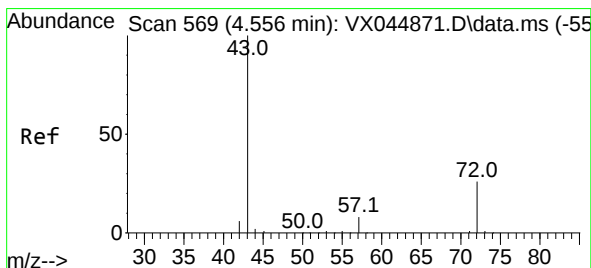
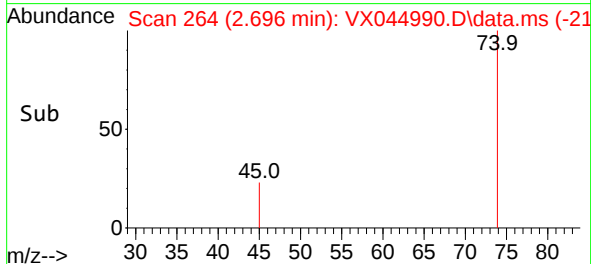
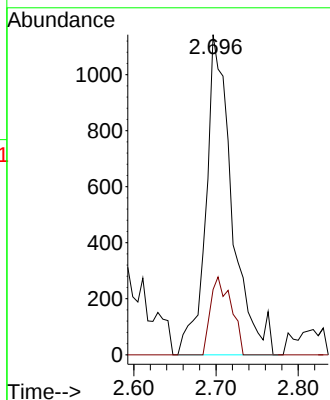
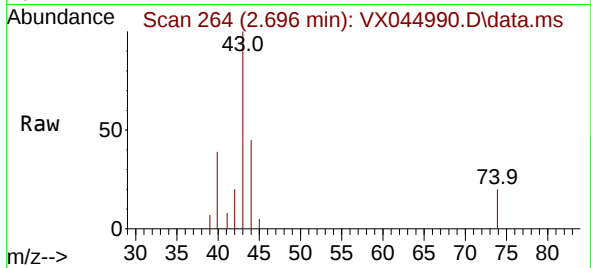
#18
Methyl Acetate
Concen: 1.493 ug/l
RT: 2.696 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
74 19.2 18.9 28.3

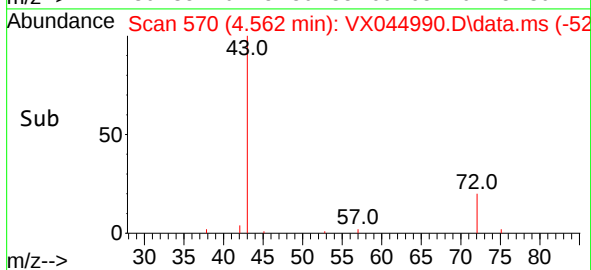
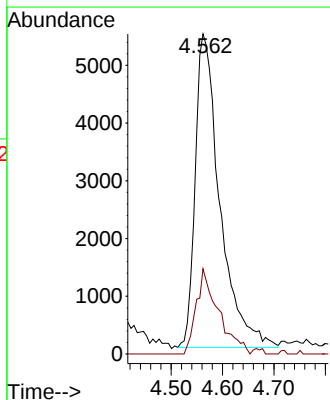
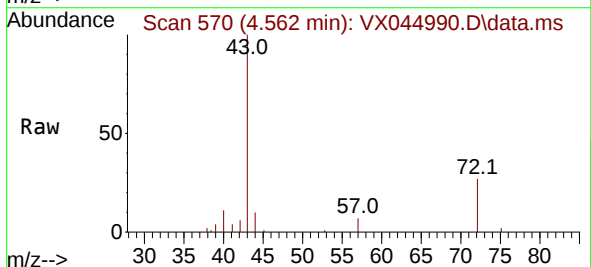
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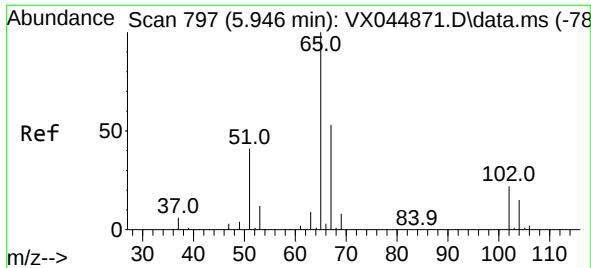
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#25
2-Butanone
Concen: 20.783 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Tgt Ion: 43 Resp: 18083
Ion Ratio Lower Upper
43 100
72 27.1 21.2 31.8





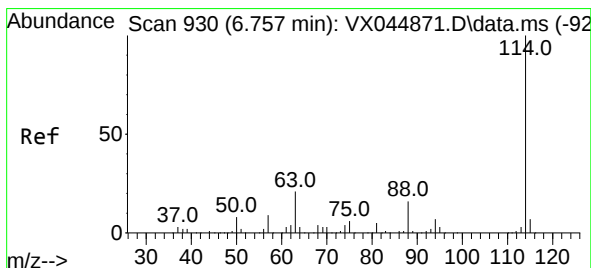
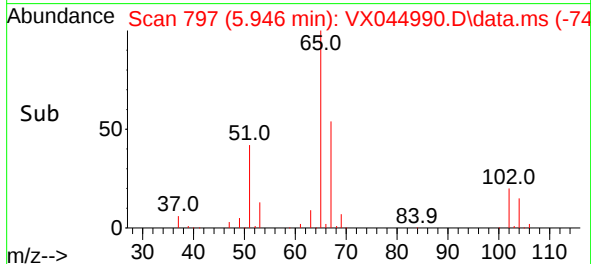
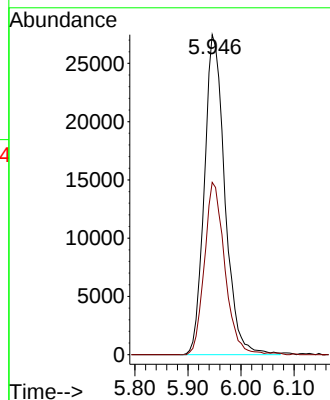
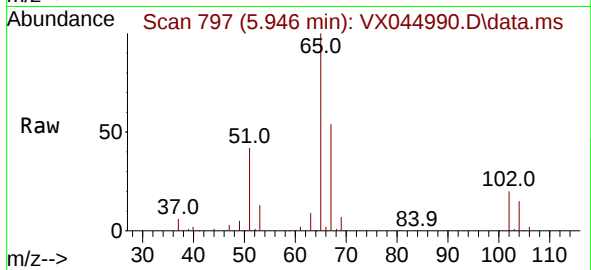
#33
1,2-Dichloroethane-d4
Concen: 55.359 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
VB27161

Tgt Ion: 65 Resp: 73788
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.2

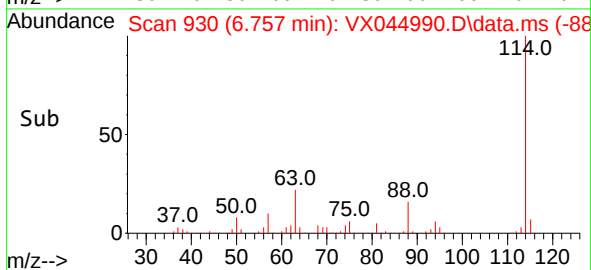
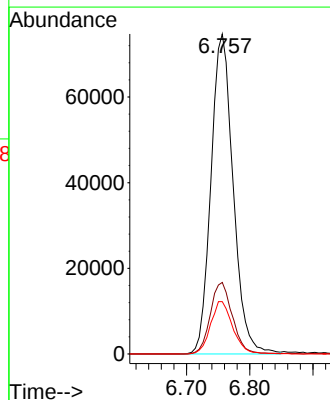
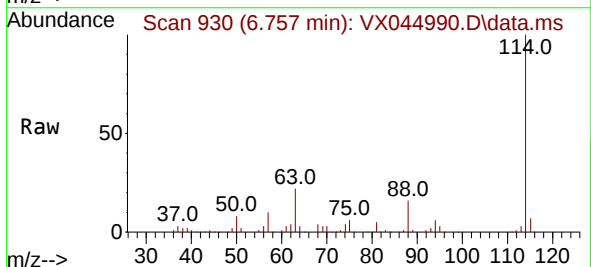
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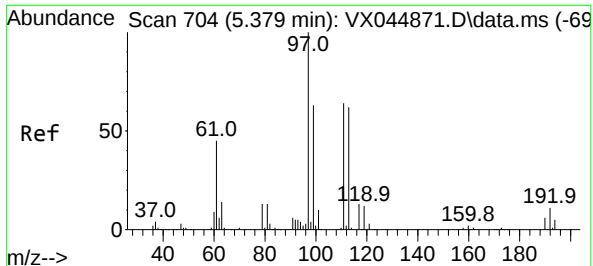
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Tgt Ion:114 Resp: 181787
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.4
88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.934 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044990.D

Acq: 18 Feb 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

VB27161

Tgt Ion:113 Resp: 6138

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

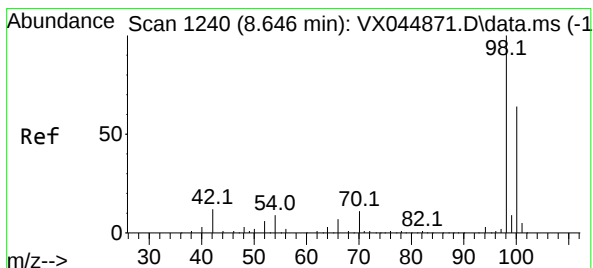
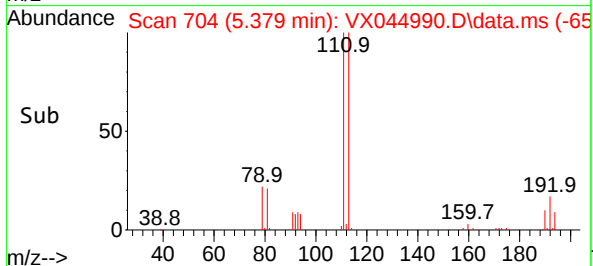
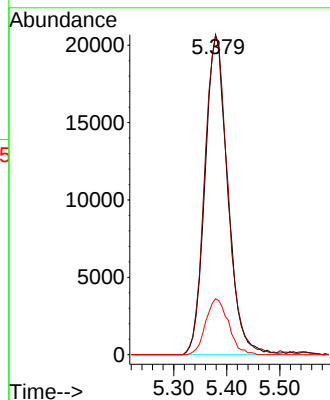
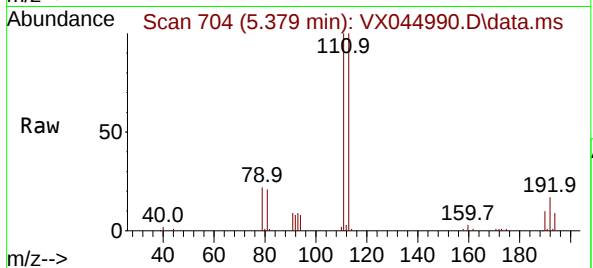
192 17.5 14.4 21.6

Manual Integrations

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#50

Toluene-d8

Concen: 37.146 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.012 min

Lab File: VX044990.D

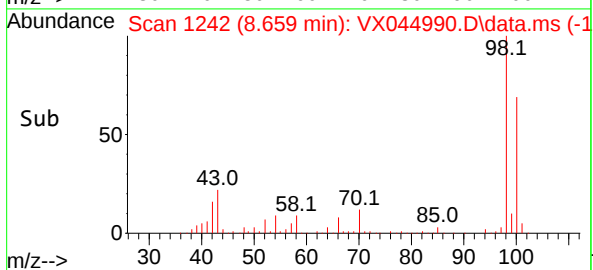
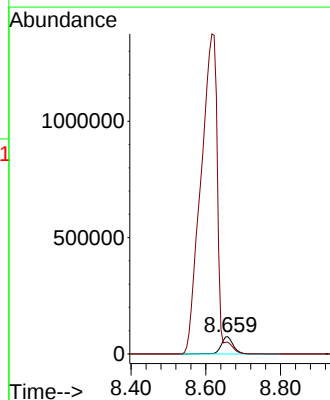
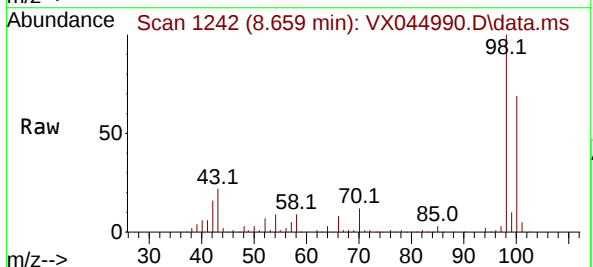
Acq: 18 Feb 2025 16:08

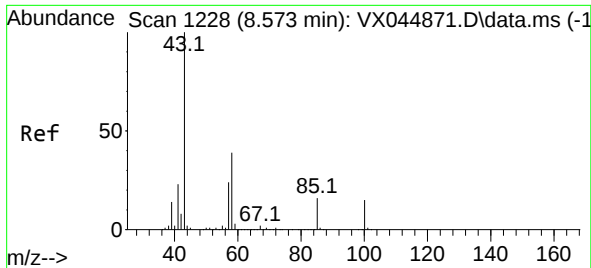
Tgt Ion: 98 Resp: 166016

Ion Ratio Lower Upper

98 100

100 0.0 52.7 79.1#





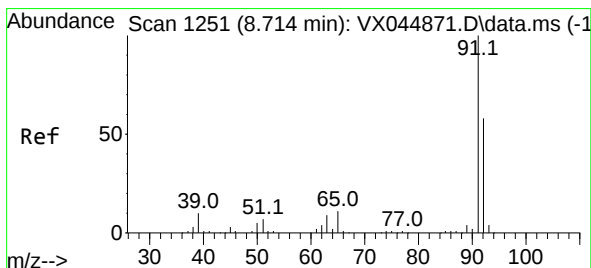
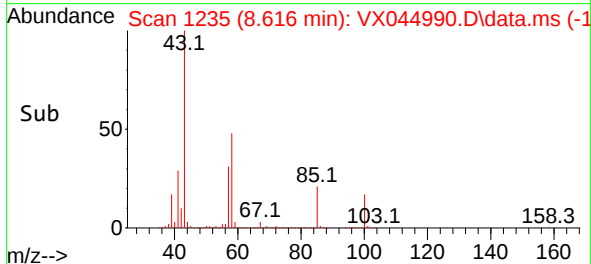
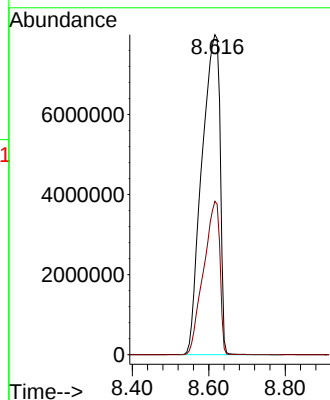
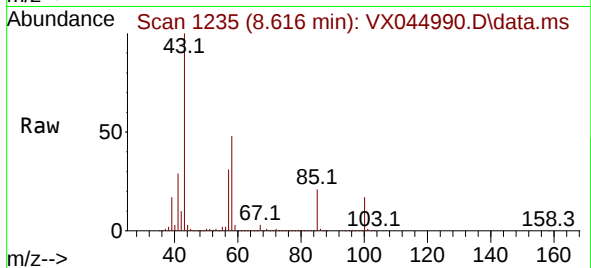
#51
4-Methyl-2-Pentanone
Concen: 14126.138 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
VB27161

Tgt Ion: 43 Resp: 2630305
Ion Ratio Lower Upper
43 100
58 43.1 30.8 46.2

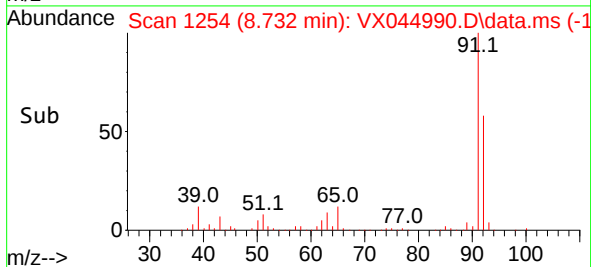
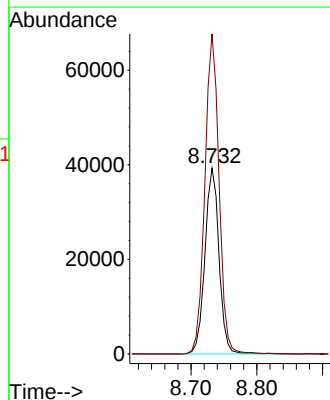
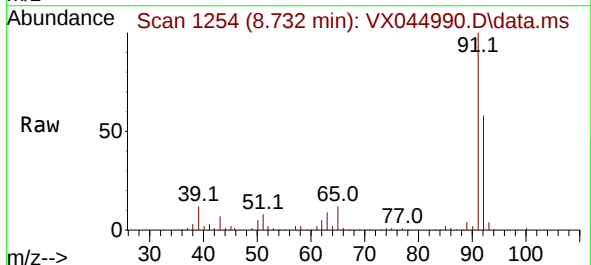
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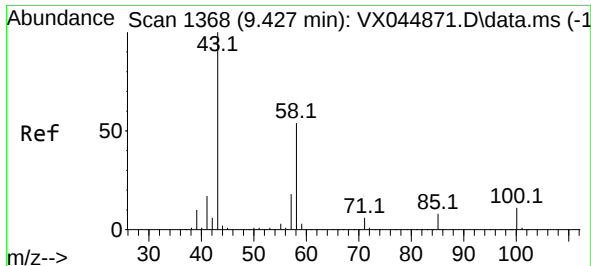
Reviewed By : John Carlone 02/19/2025
Supervised By : Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 18.457 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.018 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Tgt Ion: 92 Resp: 58530
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.2





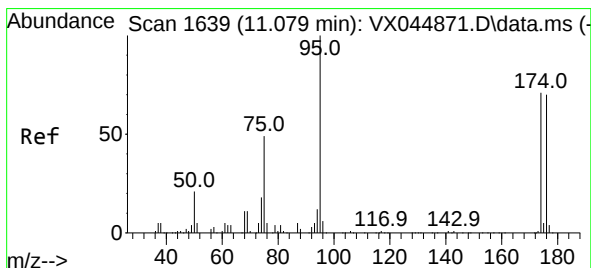
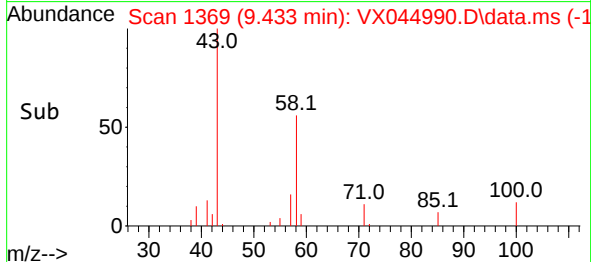
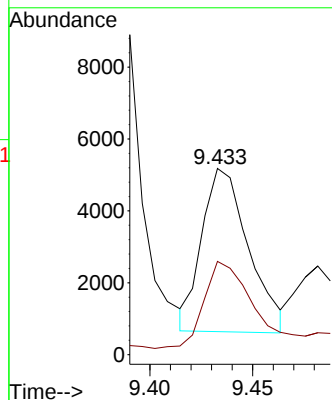
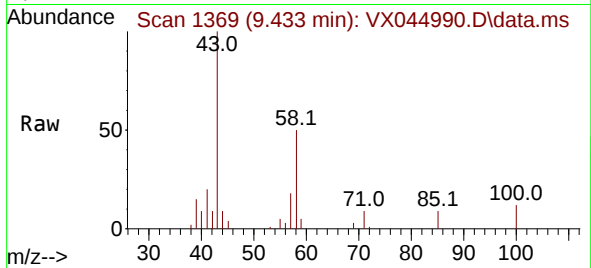
#59
2-Hexanone
Concen: 5.341 ug/l
RT: 9.433 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Instrument :
MSVOA_X
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Tgt Ion: 43 Resp: 7160
Ion Ratio Lower Upper
43 100
58 63.6 27.5 82.4

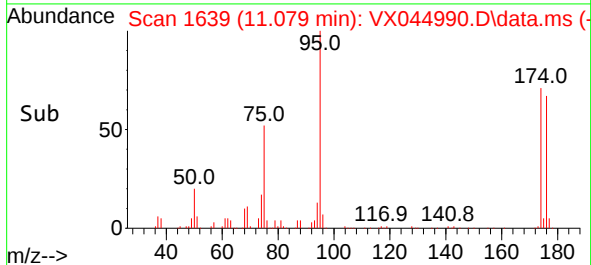
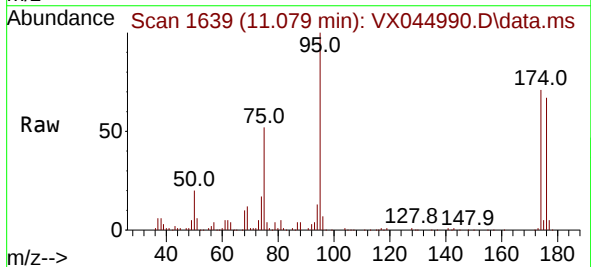
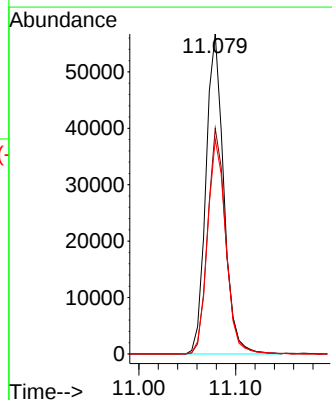
Manual Integrations
APPROVED

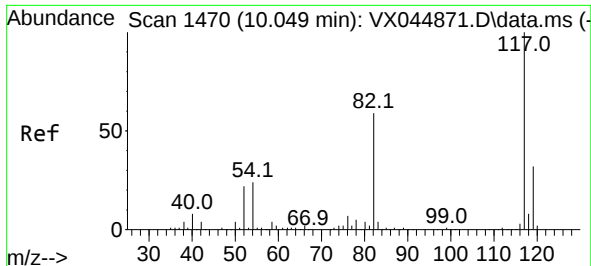
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 48.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

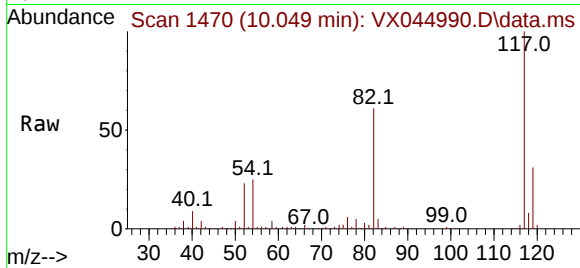
Tgt Ion: 95 Resp: 72679
Ion Ratio Lower Upper
95 100
174 71.1 0.0 142.6
176 69.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

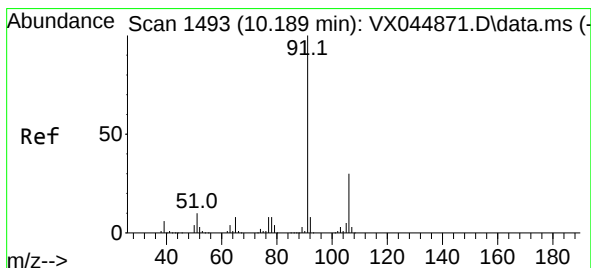
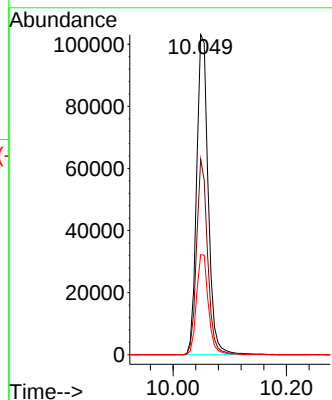
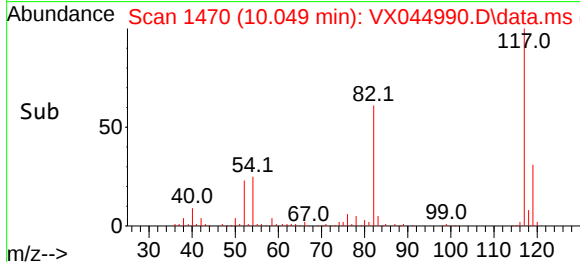
Instrument :
MSVOA_X
ClientSampleId :
VB27161



Tgt Ion: 117 Resp: 14580
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 31.3 25.4 38.0

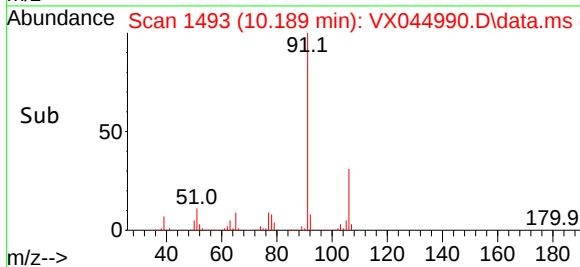
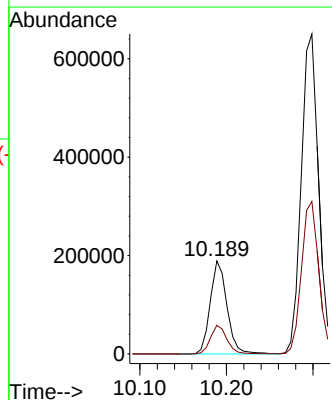
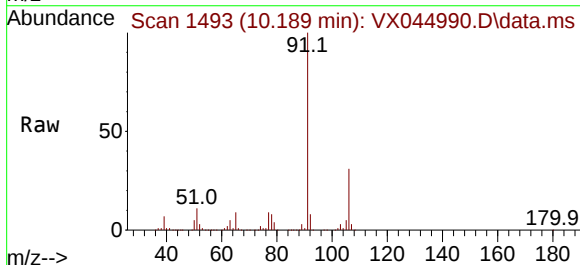
Manual Integrations
APPROVED

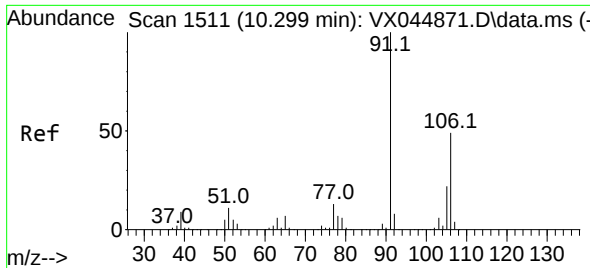
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#67
Ethyl Benzene
Concen: 46.061 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Tgt Ion: 91 Resp: 254555
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9





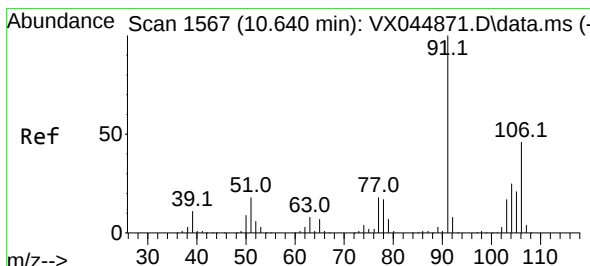
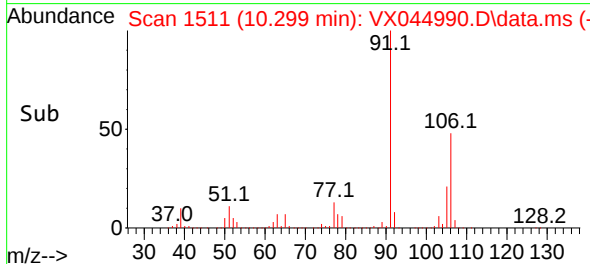
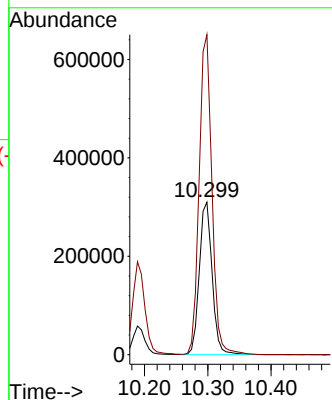
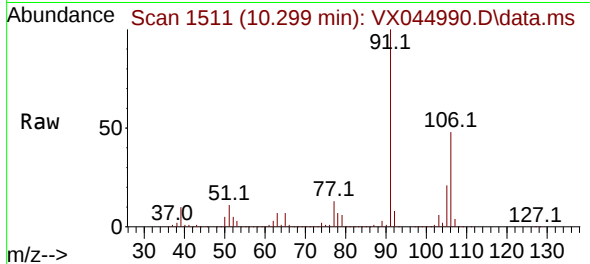
#68
m/p-Xylenes
Concen: 215.089 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
VB27161

Tgt Ion:106 Resp: 43848
Ion Ratio Lower Upper
106 100
91 208.9 164.3 246.5

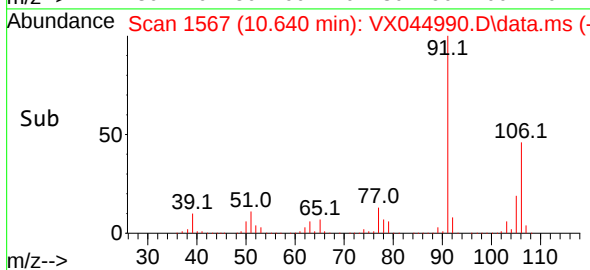
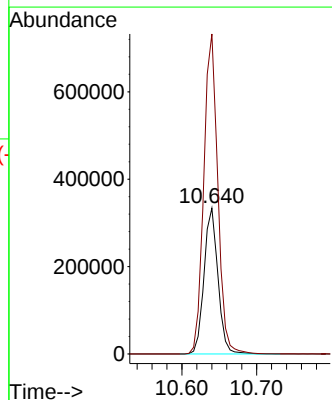
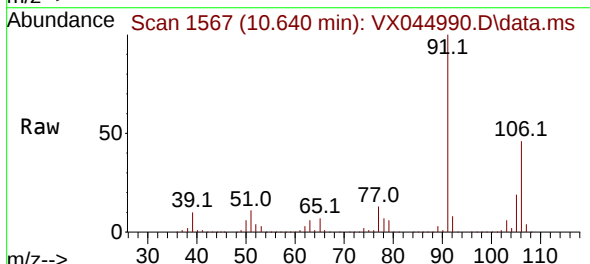
Manual Integrations
APPROVED

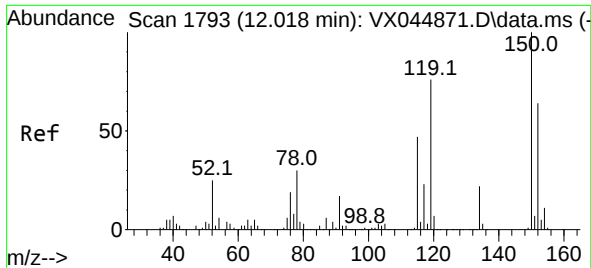
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#69
o-Xylene
Concen: 210.799 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

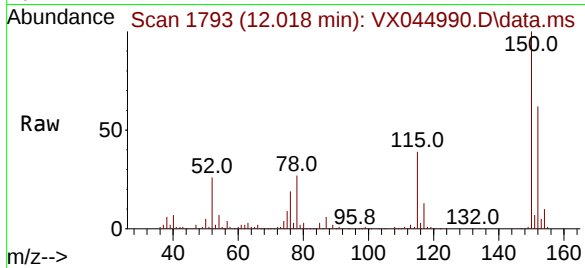
Tgt Ion:106 Resp: 431204
Ion Ratio Lower Upper
106 100
91 221.4 108.5 325.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

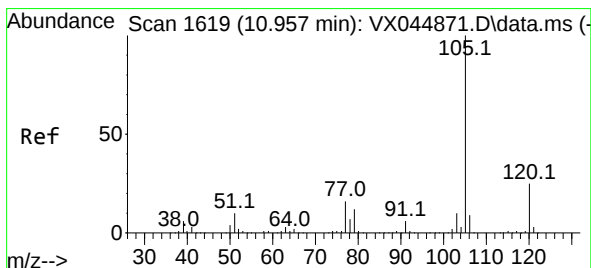
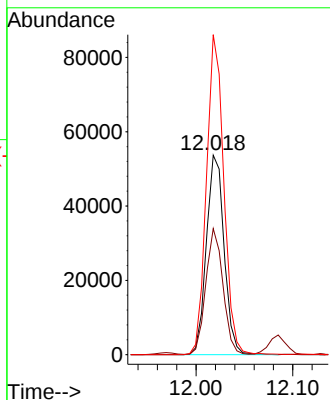
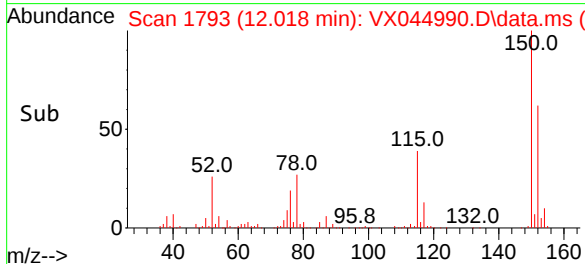
Instrument :
MSVOA_X
ClientSampleId :
VB27161



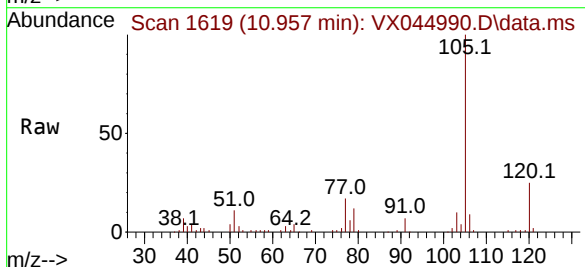
Tgt Ion:152 Resp: 6857
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 156.8 0.0 350.4

Manual Integrations
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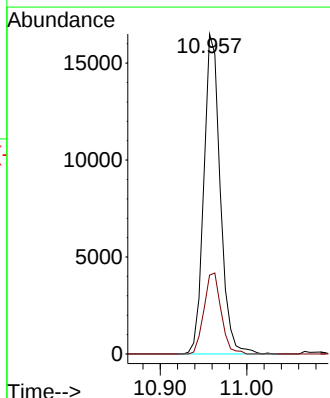
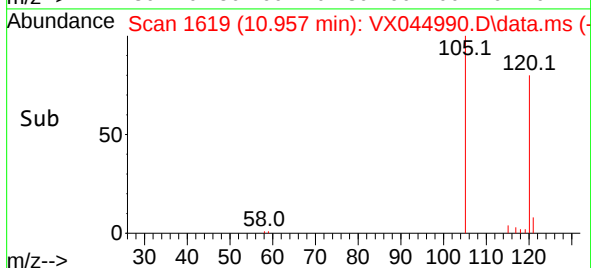
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

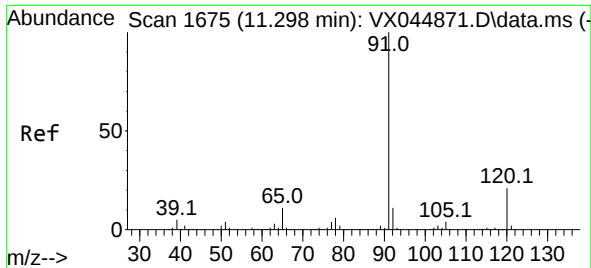


#73
Isopropylbenzene
Concen: 3.937 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08



Tgt Ion:105 Resp: 21739
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5





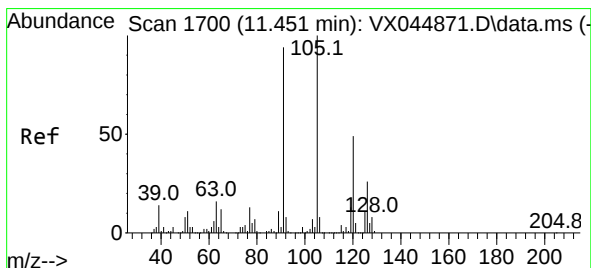
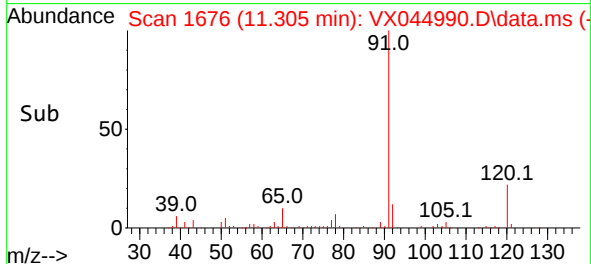
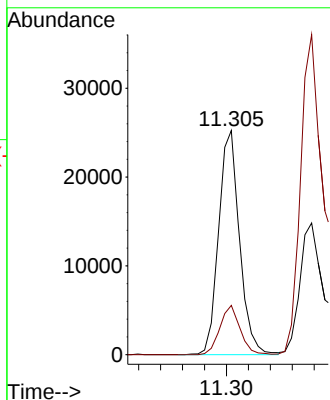
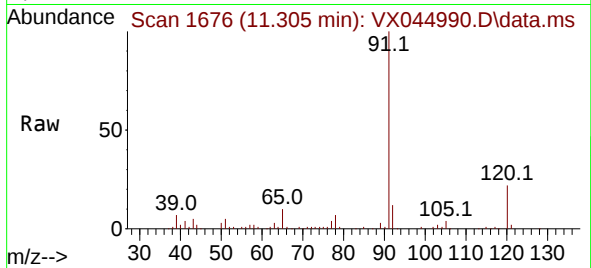
#78
n-propylbenzene
Concen: 5.245 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
VB27161

Tgt Ion: 91 Resp: 3342
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.3

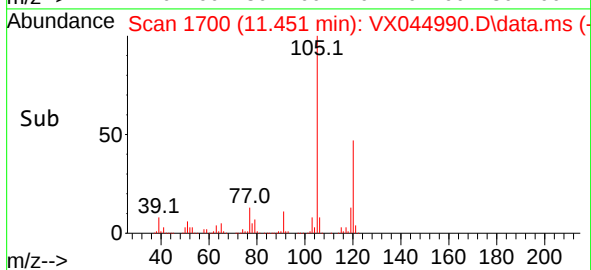
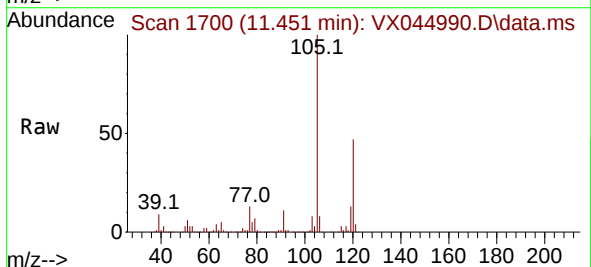
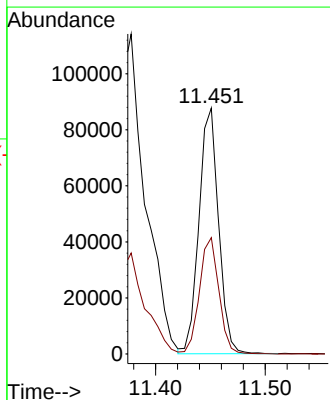
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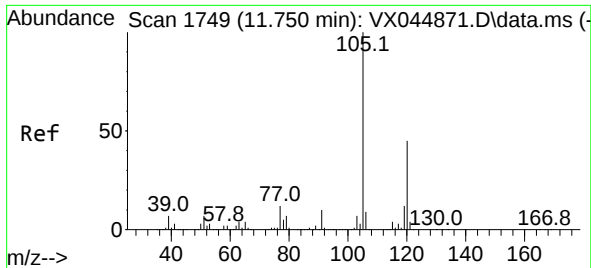
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 24.317 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044990.D
Acq: 18 Feb 2025 16:08

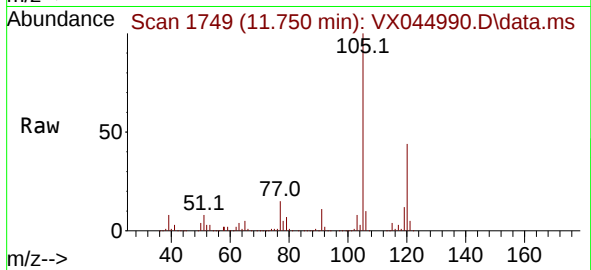
Tgt Ion:105 Resp: 108955
Ion Ratio Lower Upper
105 100
120 47.1 24.0 72.0





#84
 1,2,4-Trimethylbenzene
 Concen: 64.444 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044990.D
 Acq: 18 Feb 2025 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VB27161



Tgt Ion:105 Resp: 284994
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.0

Manual Integrations
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Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

