

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039216.D
 Acq On : 14 Dec 2023 18:14
 Operator : JC/MD
 Sample : 05829-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Dec 15 03:04:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96578	48.266	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.540%		
35) Dibromofluoromethane	5.385	113	76047	48.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.260%		
50) Toluene-d8	8.647	98	289093	49.286	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.079	95	136301	56.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.640%		
Target Compounds					Qvalue	
30) Chloroform	5.086	83	27810	9.505	ug/l	97
31) Cyclohexane	5.470	56	1901	0.736	ug/l #	85
39) Methylcyclohexane	7.385	83	2452	0.819	ug/l	89
40) Benzene	6.043	78	1886	0.267	ug/l #	90
52) Toluene	8.720	92	67822	15.933	ug/l	94
64) Tetrachloroethene	9.274	164	1173	0.764	ug/l	92
67) Ethyl Benzene	10.189	91	430334	45.097	ug/l	98
68) m/p-Xylenes	10.299	106	274658	80.276	ug/l	94
69) o-Xylene	10.640	106	92004	27.812	ug/l	92
73) Isopropylbenzene	10.963	105	24335	2.578	ug/l	100
78) n-propylbenzene	11.305	91	62785	5.399	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	97256	12.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	563723	68.372	ug/l	100
85) sec-Butylbenzene	11.890	105	2855m	0.293	ug/l	

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

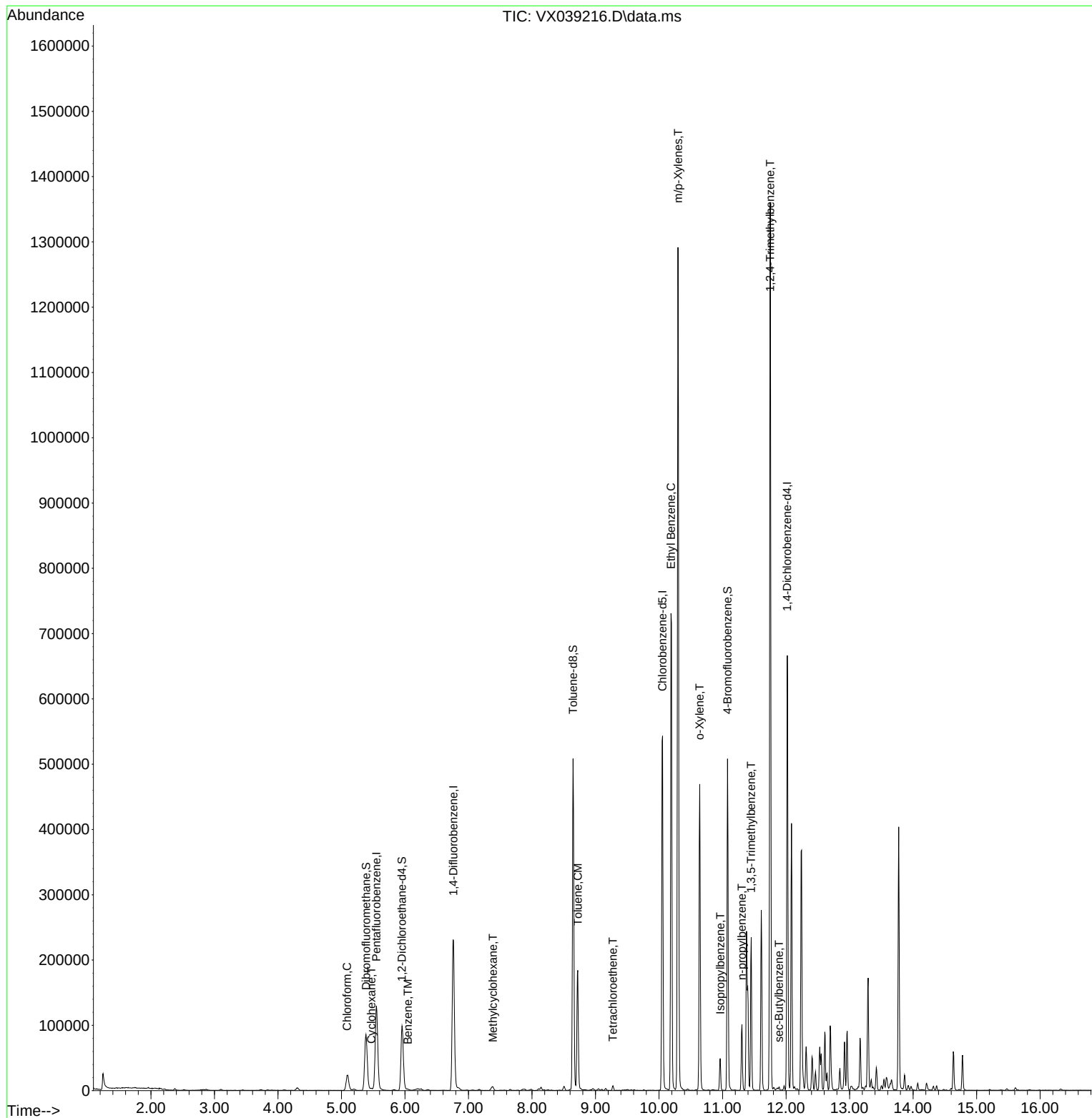
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
Data File : VX039216.D
Acq On : 14 Dec 2023 18:14
Operator : JC/MD
Sample : 05829-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

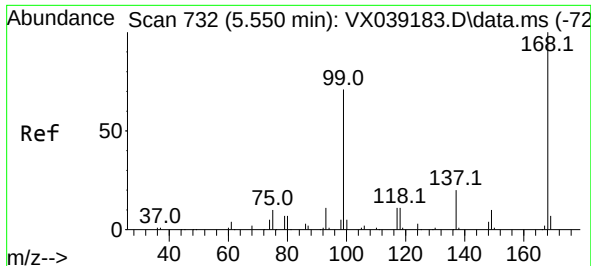
Instrument :
MSVOA_X
ClientSampleId :
MW-3

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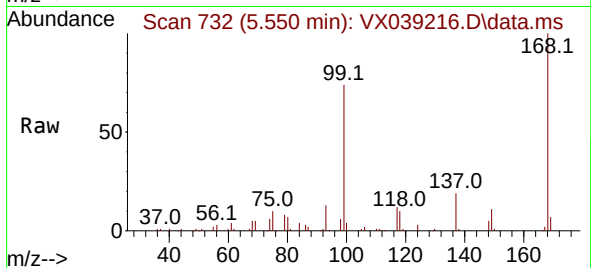
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

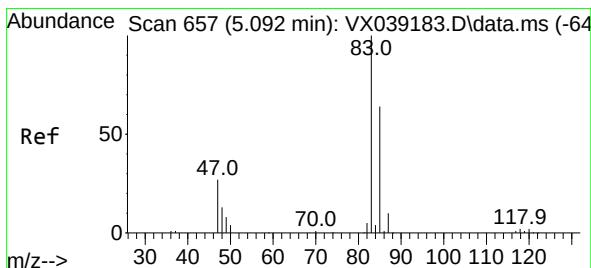
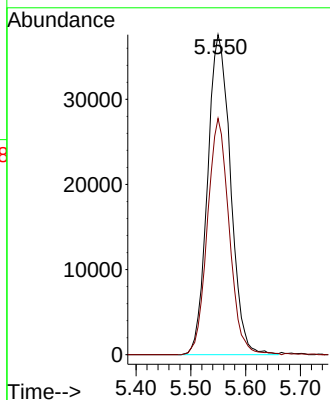
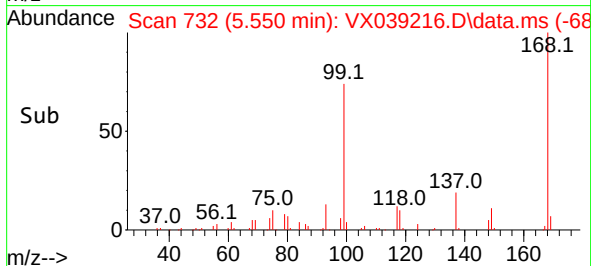
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:168 Resp: 109220
Ion Ratio Lower Upper
168 100
99 73.9 56.6 85.0

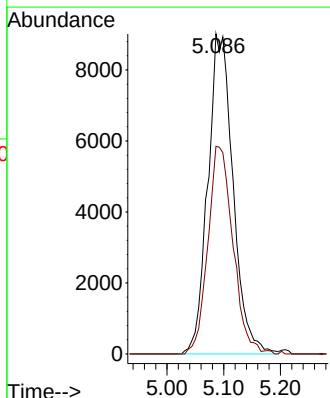
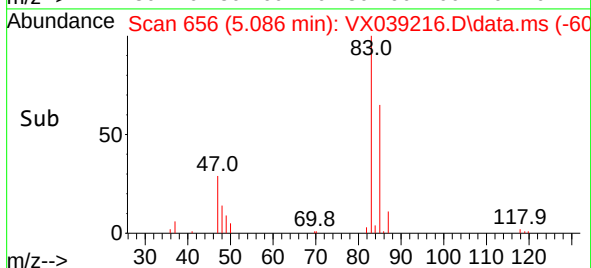
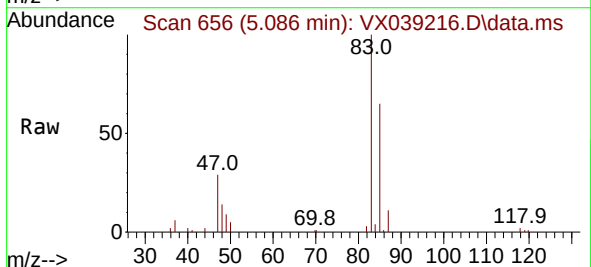
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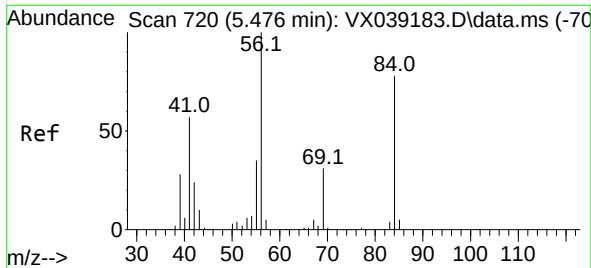
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#30
Chloroform
Concen: 9.505 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Tgt Ion: 83 Resp: 27810
Ion Ratio Lower Upper
83 100
85 64.9 50.3 75.5





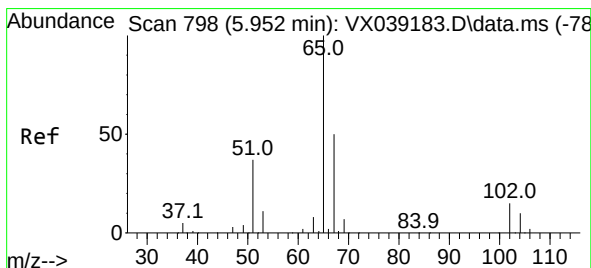
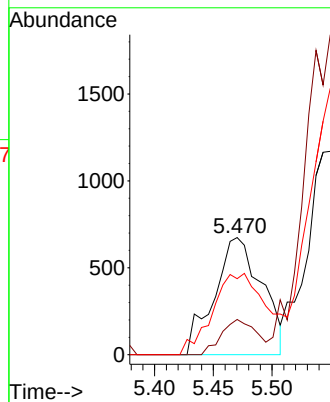
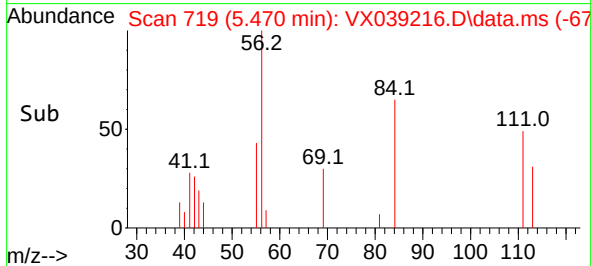
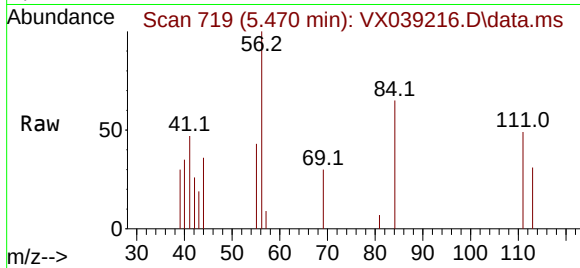
#31
Cyclohexane
Concen: 0.736 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 64.8 65.9 98.9

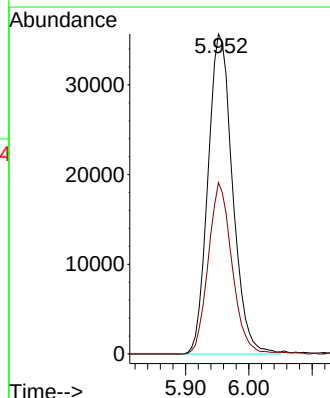
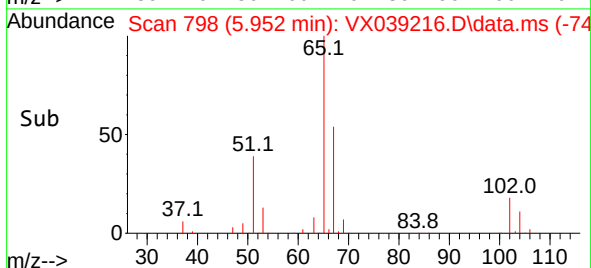
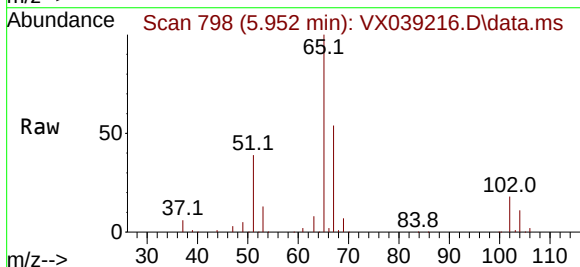
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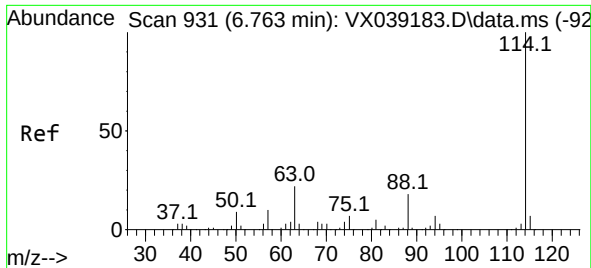
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#33
1,2-Dichloroethane-d4
Concen: 48.266 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Tgt Ion: 65 Resp: 96578
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2





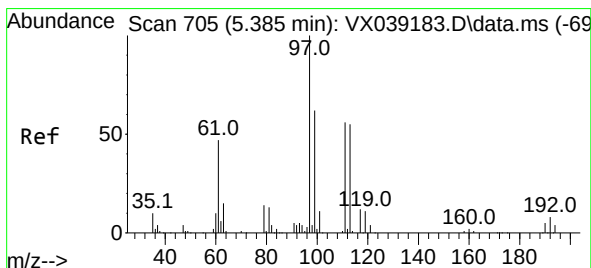
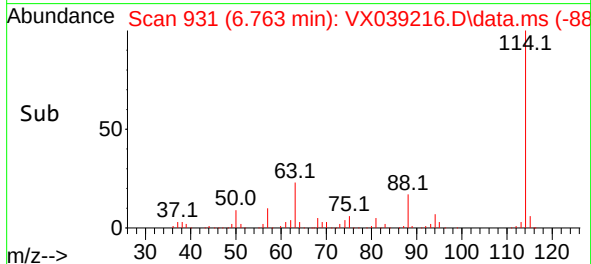
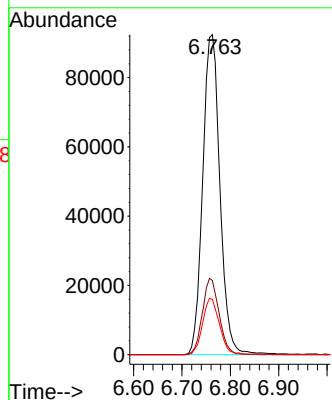
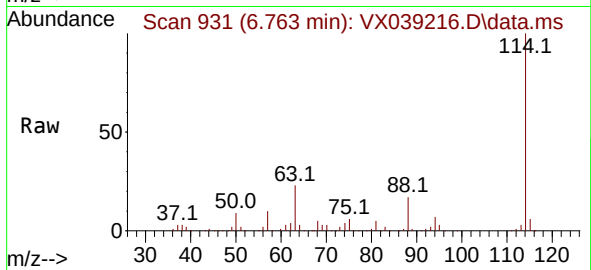
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:114 Resp: 22869
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.3 0.0 36.6

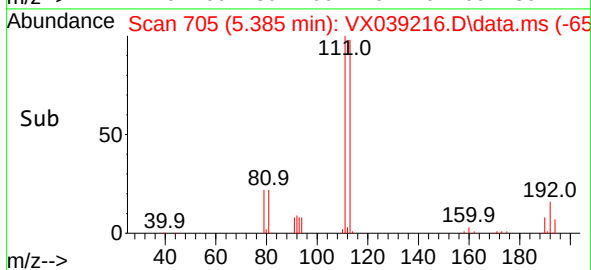
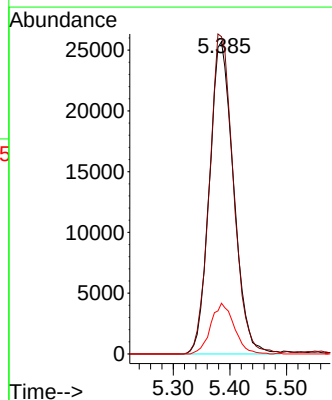
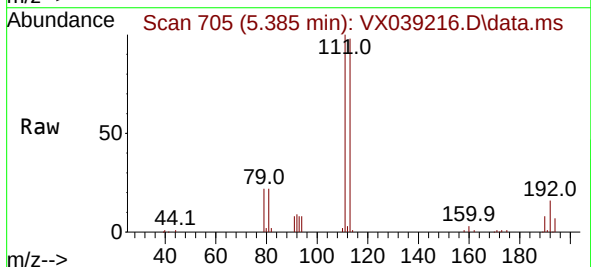
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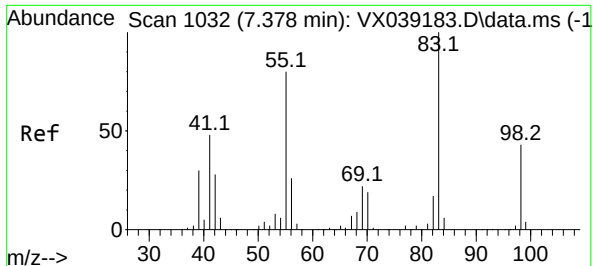
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#35
Dibromofluoromethane
Concen: 48.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Tgt Ion:113 Resp: 76047
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 15.7 13.3 19.9





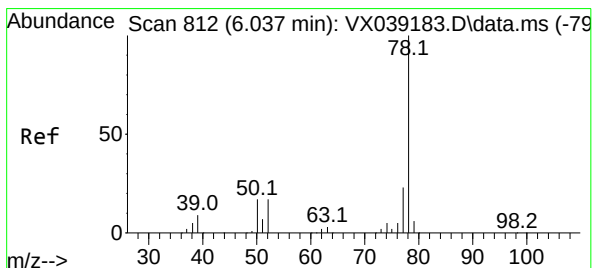
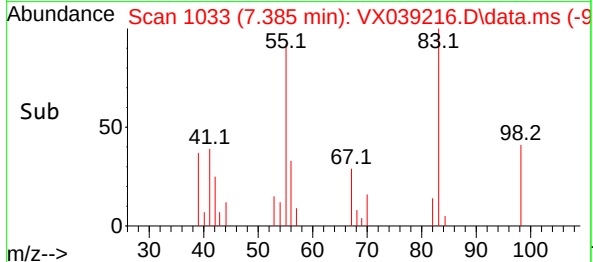
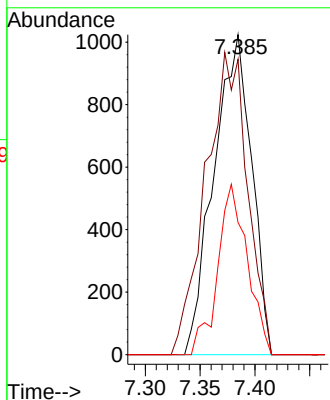
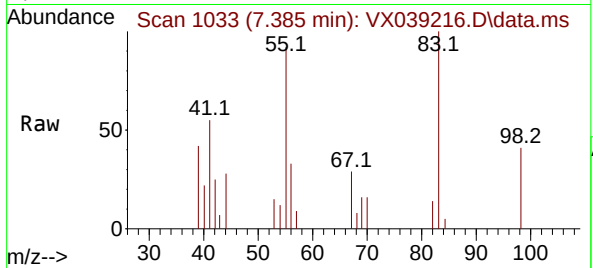
#39
Methylcyclohexane
Concen: 0.819 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 83 Resp: 2452
Ion Ratio Lower Upper
83 100
55 92.3 64.6 97.0
98 41.3 36.7 55.1

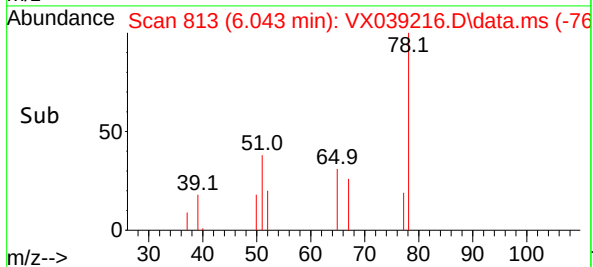
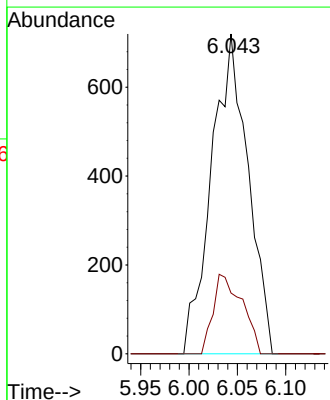
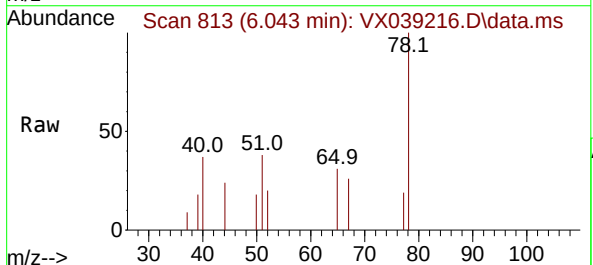
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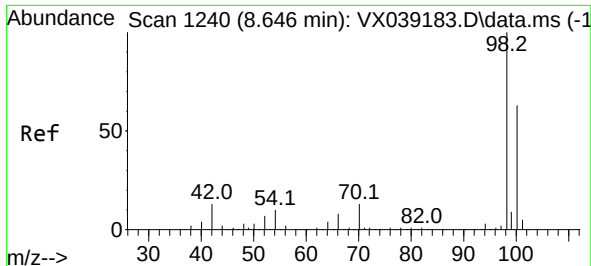
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#40
Benzene
Concen: 0.267 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

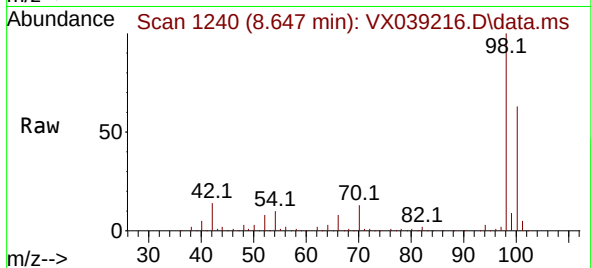
Tgt Ion: 78 Resp: 1886
Ion Ratio Lower Upper
78 100
77 19.0 19.3 28.9#





#50
Toluene-d8
Concen: 49.286 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

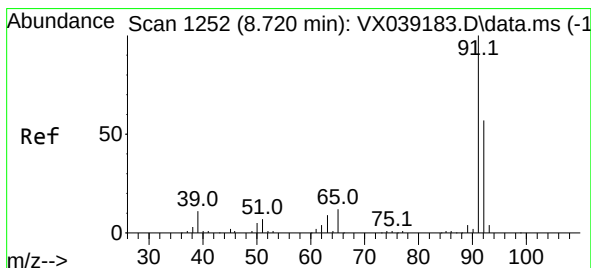
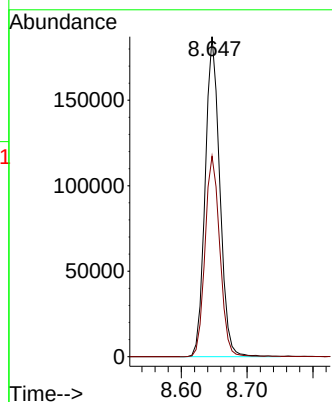
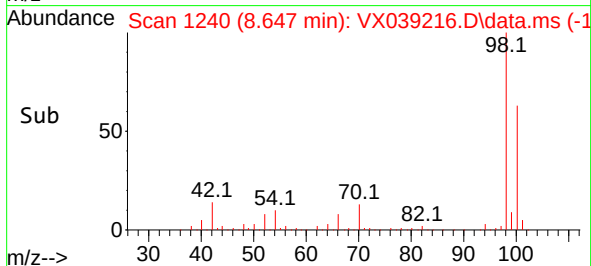
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 98 Resp: 28909
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

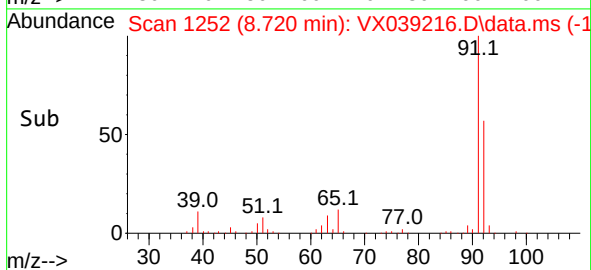
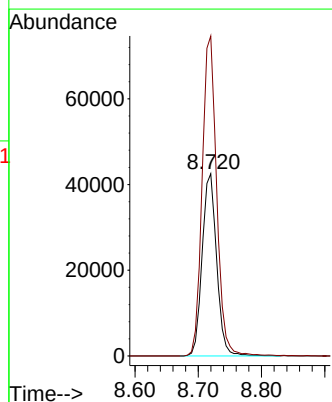
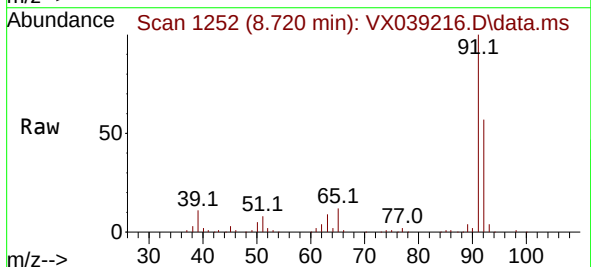
Manual Integrations
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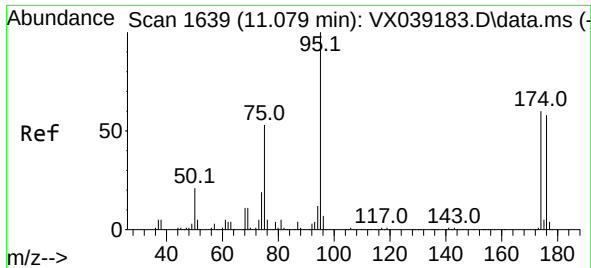
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 15.933 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

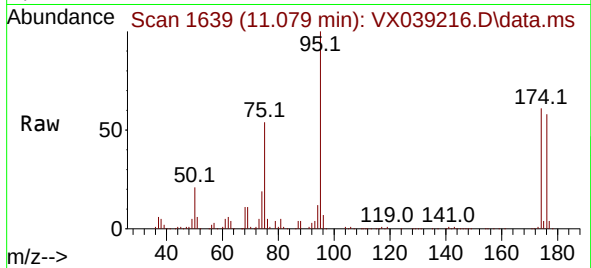
Tgt Ion: 92 Resp: 67822
Ion Ratio Lower Upper
92 100
91 176.0 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 56.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

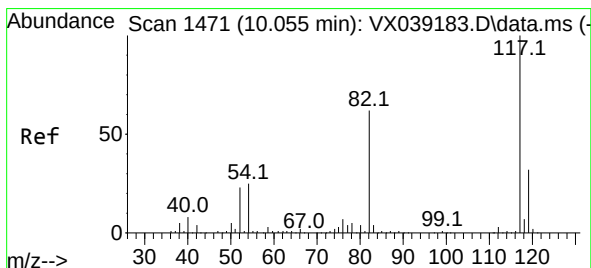
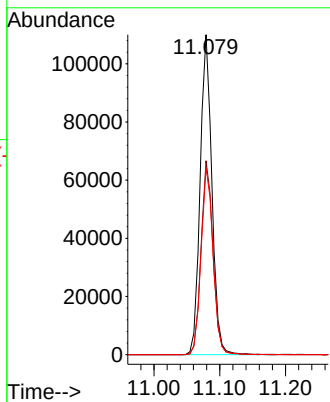
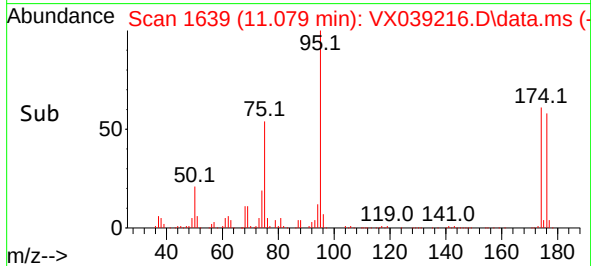
Instrument :
MSVOA_X
ClientSampleId :
MW-3



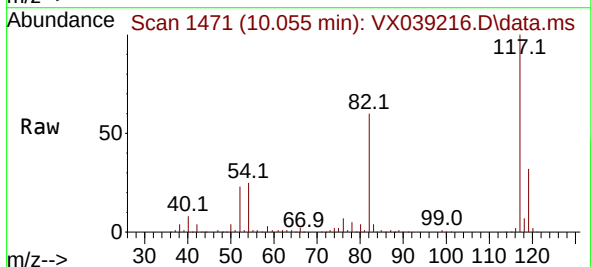
Tgt Ion: 95 Resp: 13630
Ion Ratio Lower Upper
95 100
174 61.6 0.0 135.6
176 59.7 0.0 131.0

Manual Integrations
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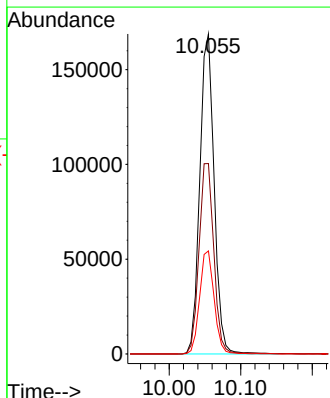
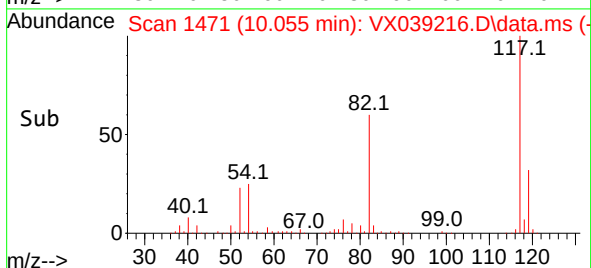
Reviewed By :John Carlone 12/15/2023
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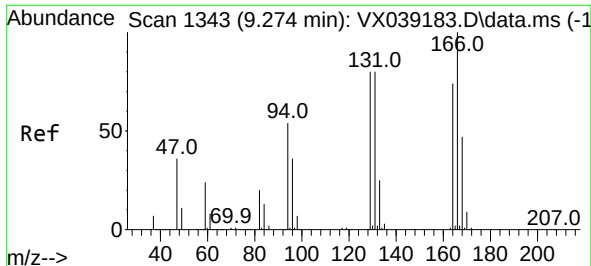


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14



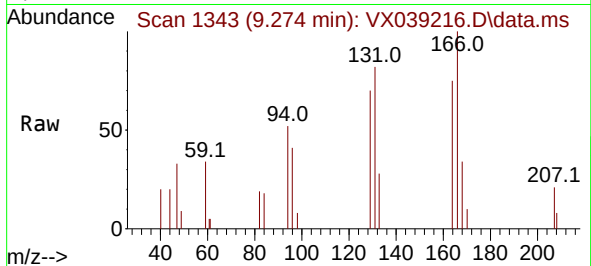
Tgt Ion:117 Resp: 234866
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.2 25.5 38.3





#64
Tetrachloroethene
Concen: 0.764 ug/l
RT: 9.274 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

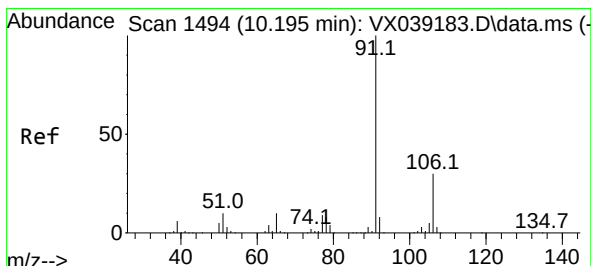
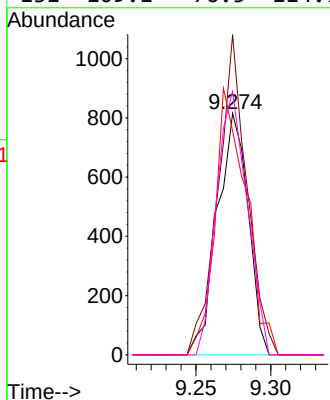
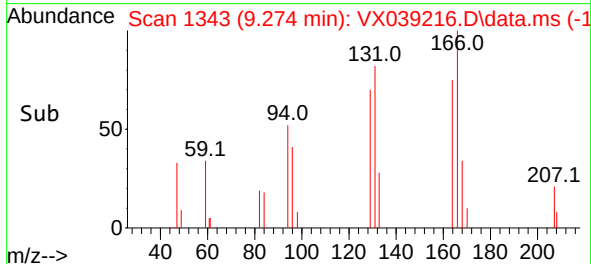
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:164 Resp: 117
Ion Ratio Lower Upper
164 100
166 132.6 102.7 154.1
129 92.8 80.4 120.6
131 109.1 76.5 114.7

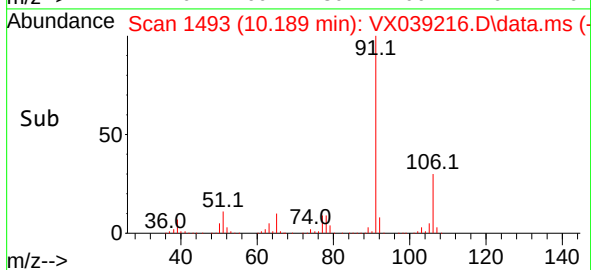
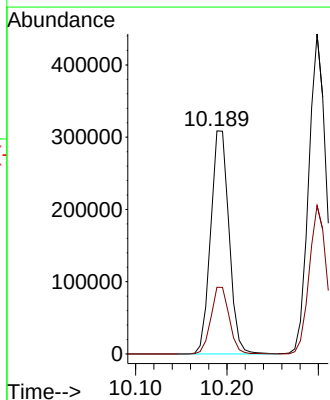
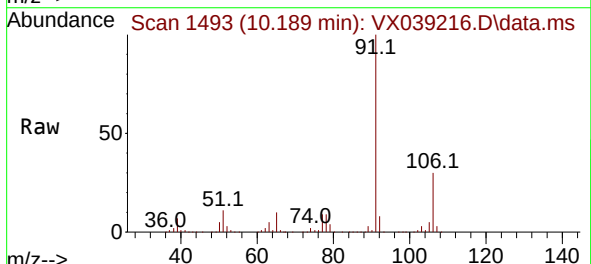
Manual Integrations
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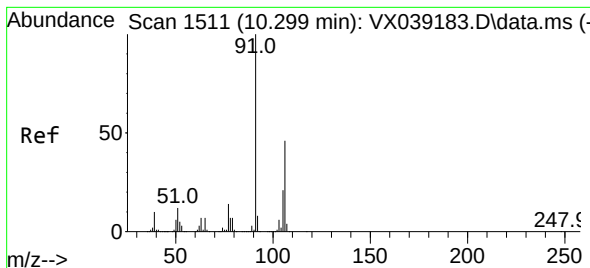
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#67
Ethyl Benzene
Concen: 45.097 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

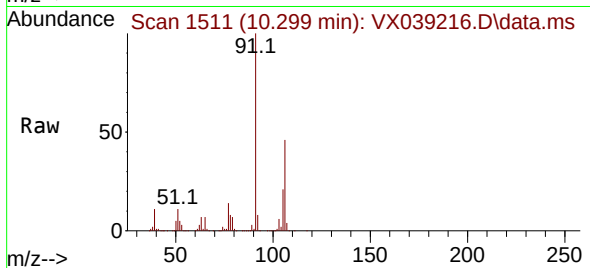
Tgt Ion: 91 Resp: 430334
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3





#68
m/p-Xylenes
Concen: 80.276 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

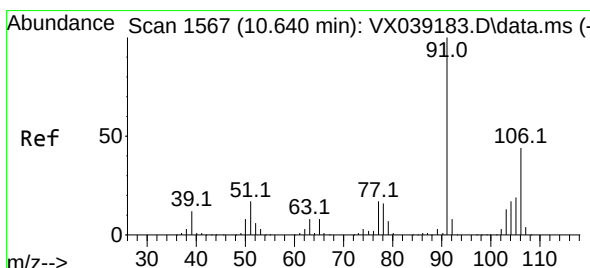
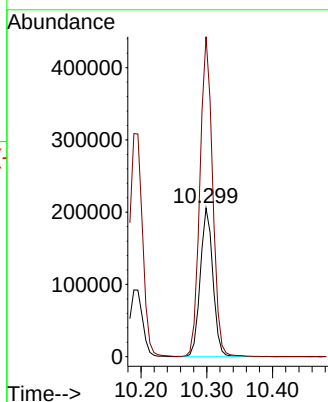
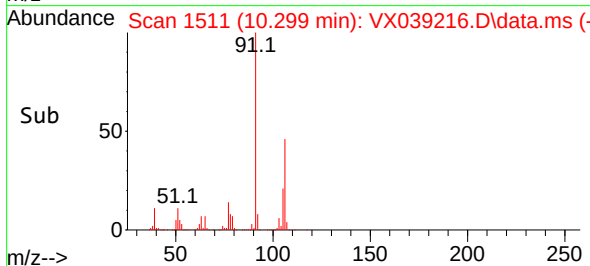
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:106 Resp: 274658
Ion Ratio Lower Upper
106 100
91 216.3 165.5 248.3

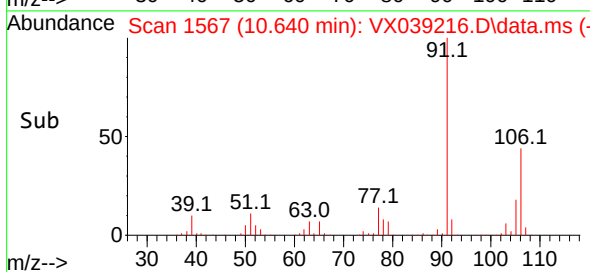
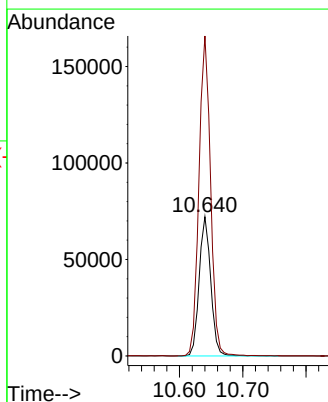
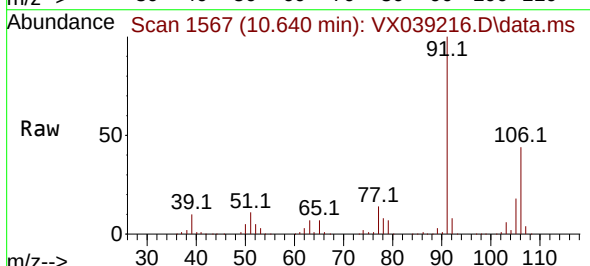
Manual Integrations
APPROVED

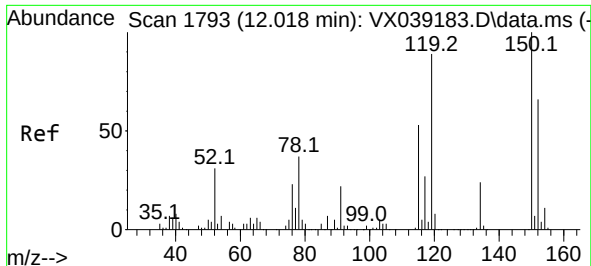
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#69
o-Xylene
Concen: 27.812 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

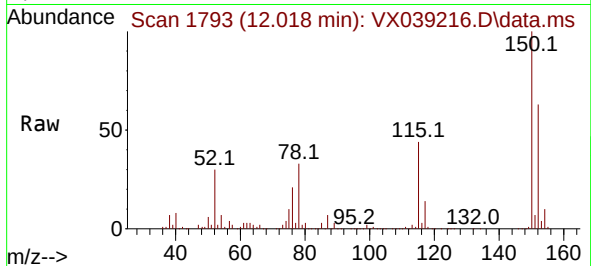
Tgt Ion:106 Resp: 92004
Ion Ratio Lower Upper
106 100
91 230.8 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

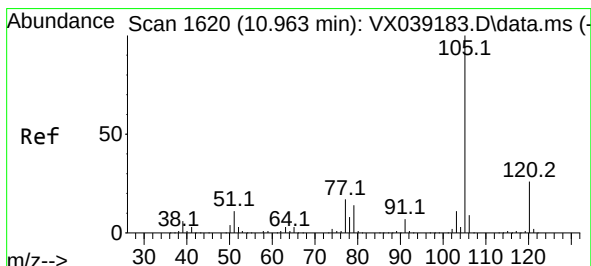
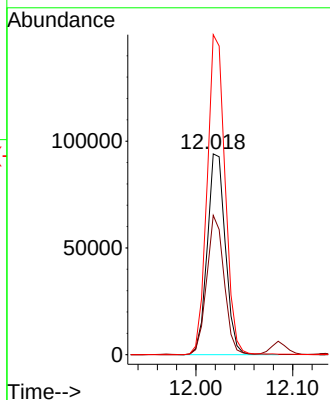
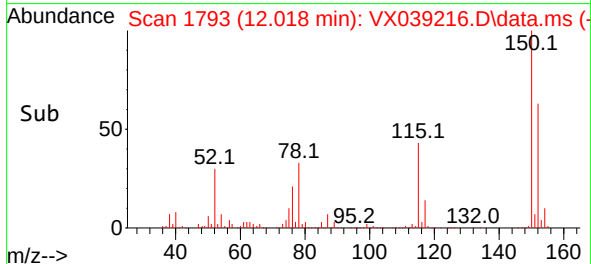
Instrument :
MSVOA_X
ClientSampleId :
MW-3



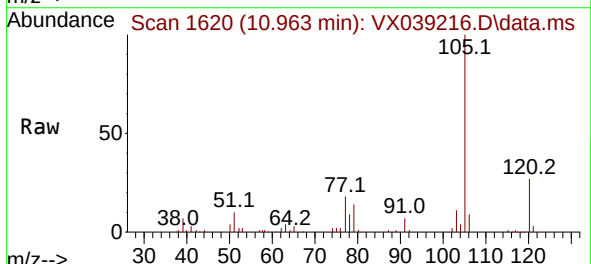
Tgt Ion:152 Resp: 12232
Ion Ratio Lower Upper
152 100
115 66.9 43.3 129.9
150 158.4 0.0 345.0

Manual Integrations
APPROVED

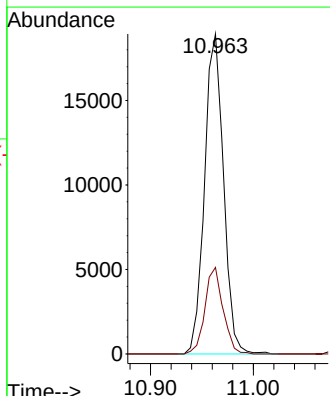
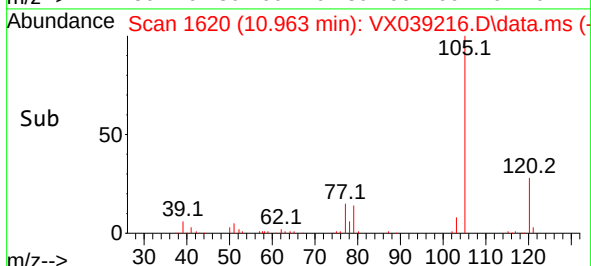
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

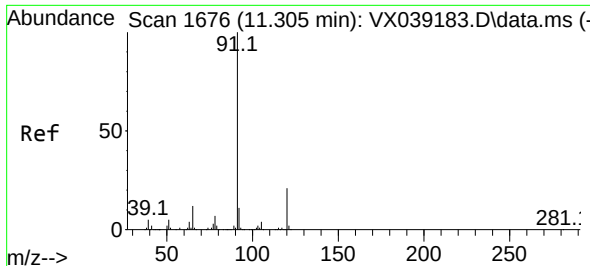


#73
Isopropylbenzene
Concen: 2.578 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14



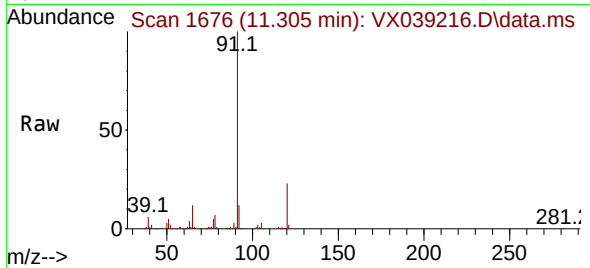
Tgt Ion:105 Resp: 24335
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6





#78
n-propylbenzene
Concen: 5.399 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

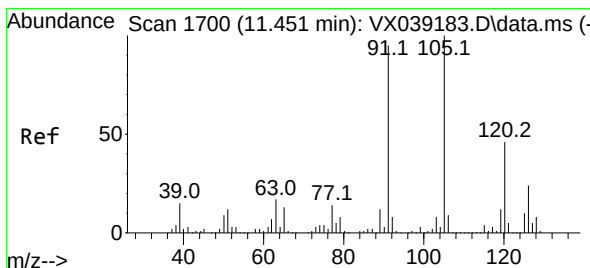
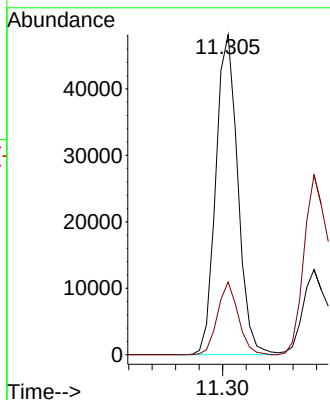
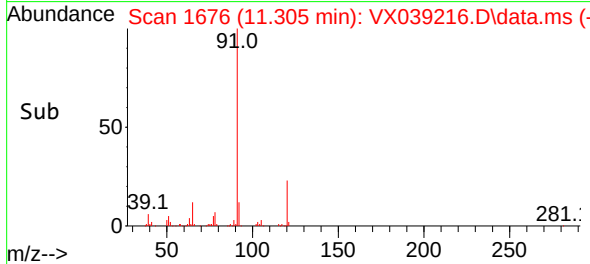
Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion: 91 Resp: 62785
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4

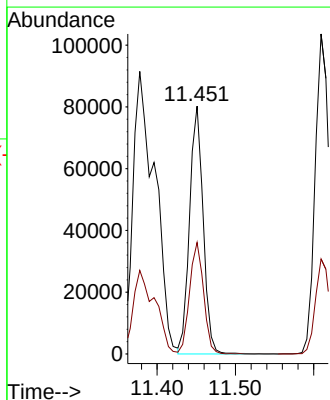
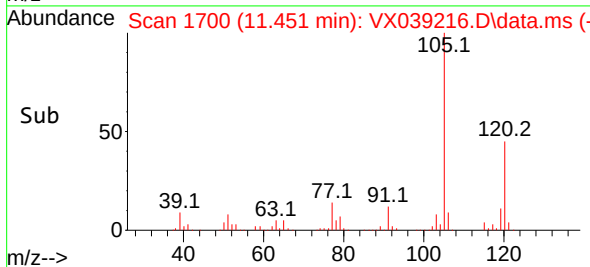
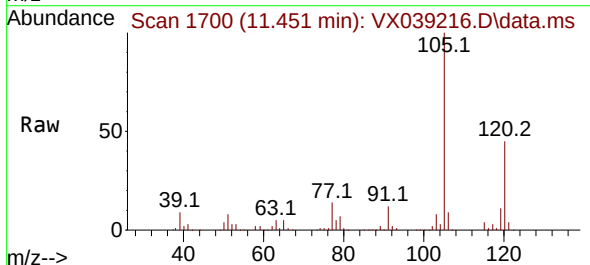
Manual Integrations
APPROVED

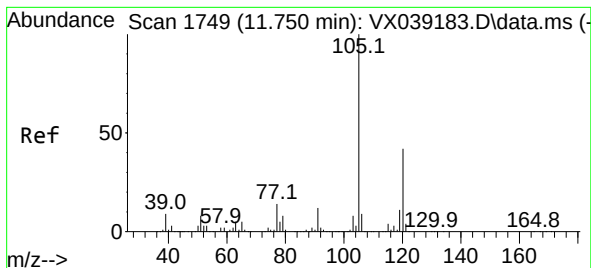
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 12.097 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039216.D
Acq: 14 Dec 2023 18:14

Tgt Ion:105 Resp: 97256
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 68.372 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion:105 Resp: 56372

Ion Ratio Lower Upper

105 100

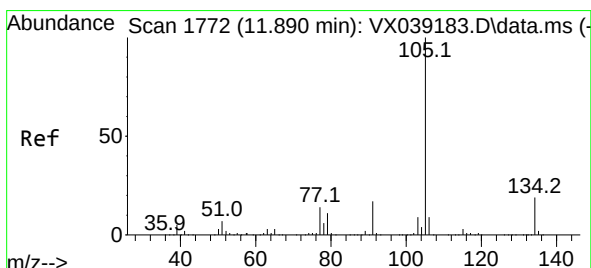
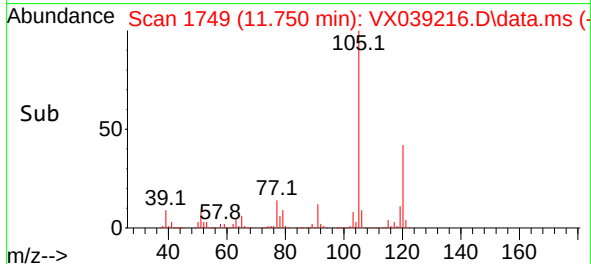
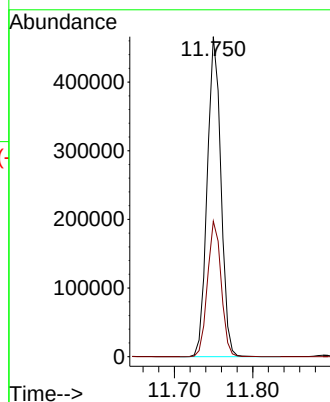
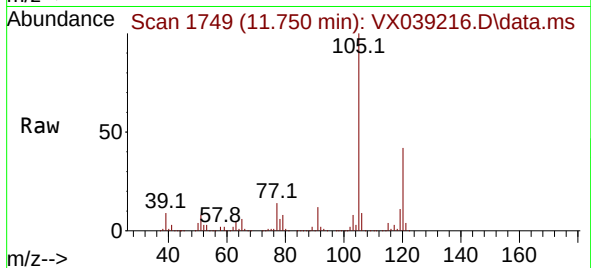
120 42.4 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#85

sec-Butylbenzene

Concen: 0.293 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Tgt Ion:105 Resp: 2855

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#

