

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039627.D
 Acq On : 04 Jan 2024 17:49
 Operator : JC/MD
 Sample : P1038-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jan 05 00:45:07 2024
 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 01/05/2024
 Supervised By :Mahesh Dadoda 01/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73107	47.307	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.620%		
35) Dibromofluoromethane	5.385	113	59412m	48.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	8.647	98	227383	49.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	113520	60.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	120.500%		
Target Compounds						
					Qvalue	
25) 2-Butanone	4.587	43	1057	0.793	ug/l #	87
39) Methylcyclohexane	7.379	83	1930	0.828	ug/l	89
67) Ethyl Benzene	10.195	91	4182	0.517	ug/l #	88
68) m/p-Xylenes	10.305	106	5319	1.833	ug/l	98
69) o-Xylene	10.640	106	2310	0.823	ug/l	97
73) Isopropylbenzene	10.957	105	51778	6.325	ug/l	100
78) n-propylbenzene	11.299	91	97307	9.647	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	73779	10.579	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	163297	22.833	ug/l	99
85) sec-Butylbenzene	11.890	105	59446	7.039	ug/l	97
86) p-Isopropyltoluene	12.006	119	25921	3.657	ug/l	99
89) n-Butylbenzene	12.329	91	68750	9.867	ug/l #	41

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

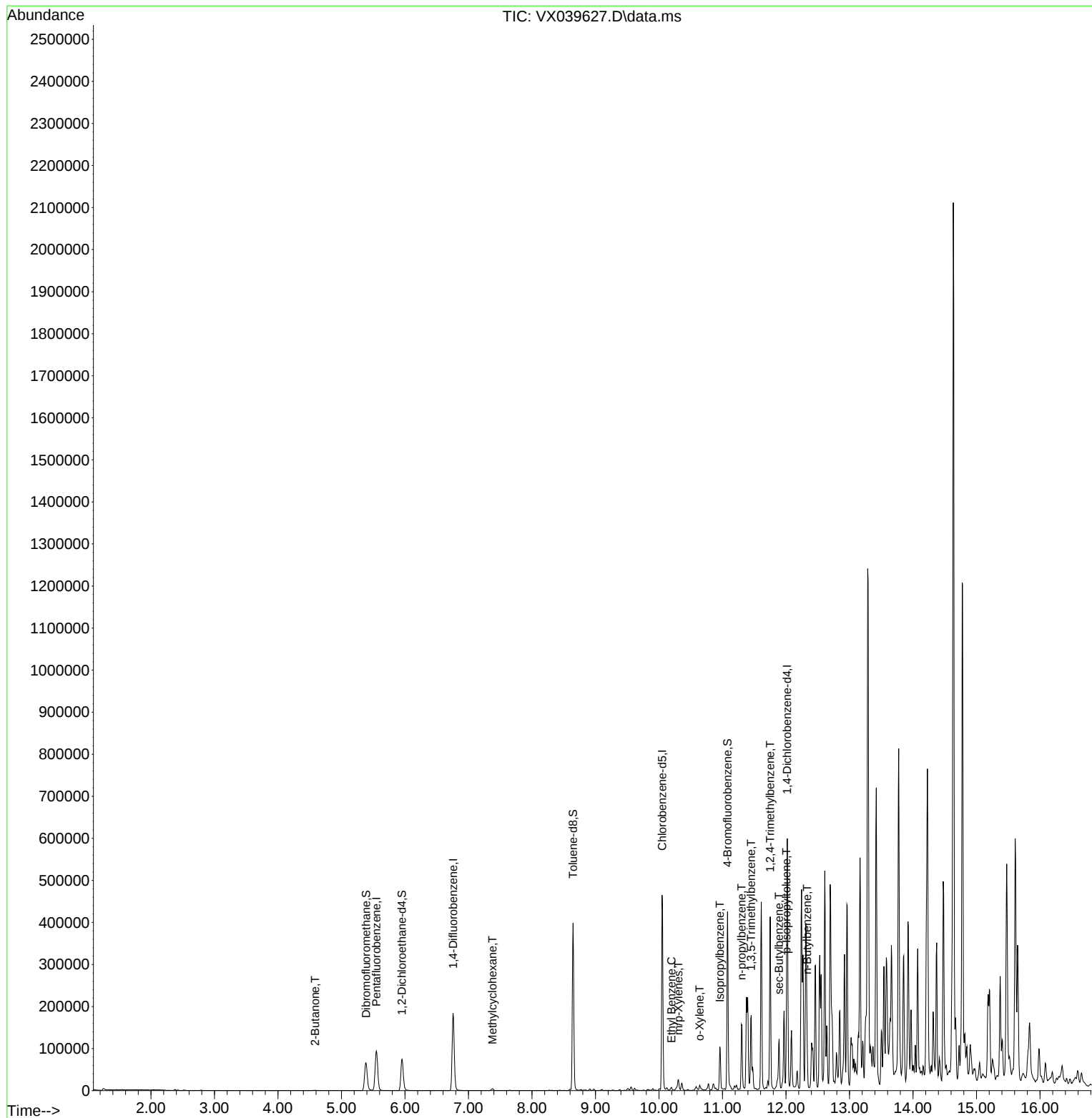
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
Data File : VX039627.D
Acq On : 04 Jan 2024 17:49
Operator : JC/MD
Sample : P1038-02
Misc : 5.0mL/MSVOA_X/WATER
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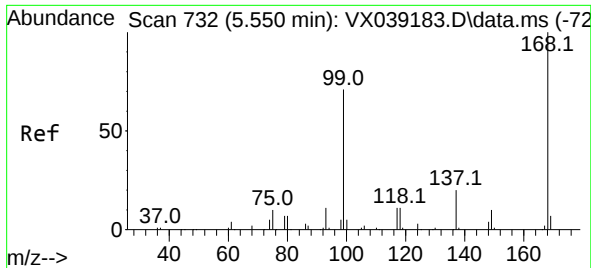
Instrument :
MSVOA_X
ClientSampleId :
MW-2

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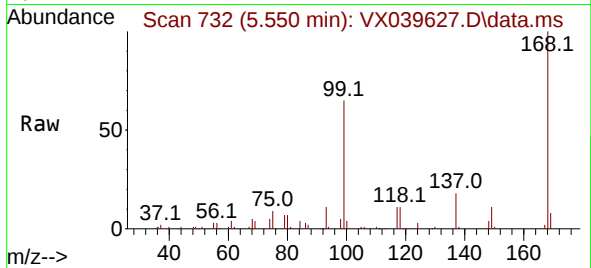
Quant Time: Jan 05 00:45:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

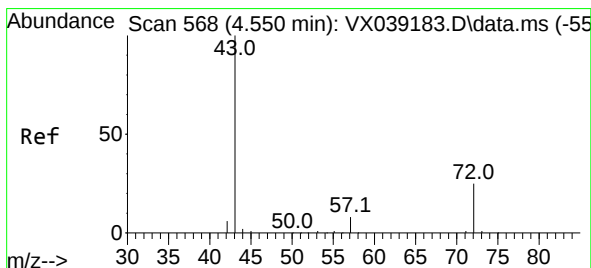
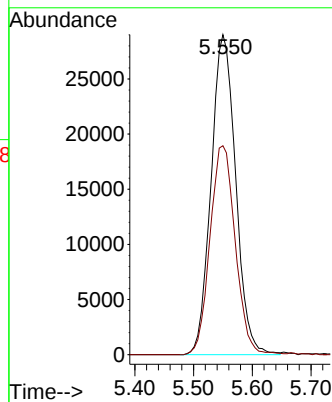
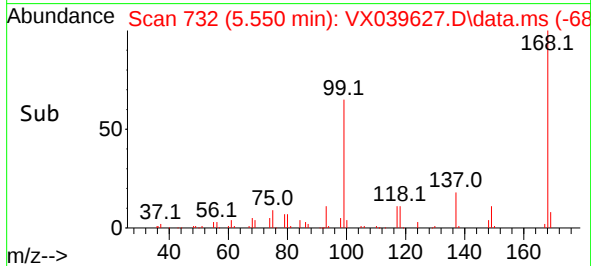
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:168 Resp: 84358
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0

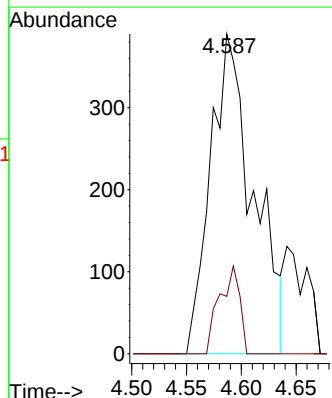
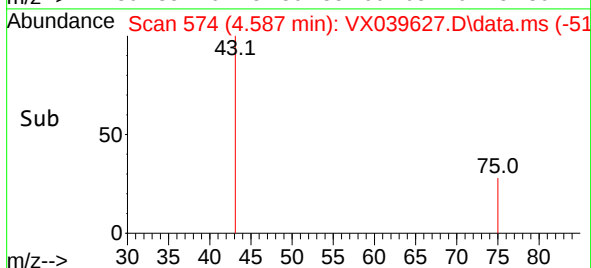
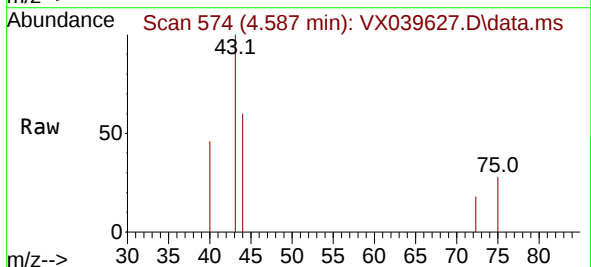
Manual Integrations
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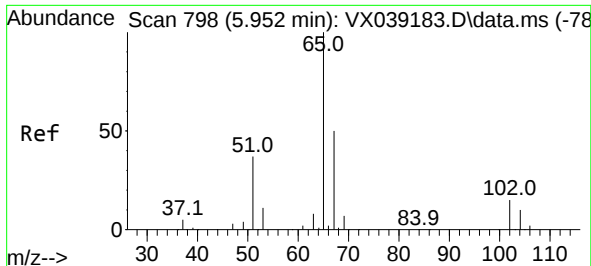
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#25
2-Butanone
Concen: 0.793 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.037 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
72 17.9 19.4 29.2#





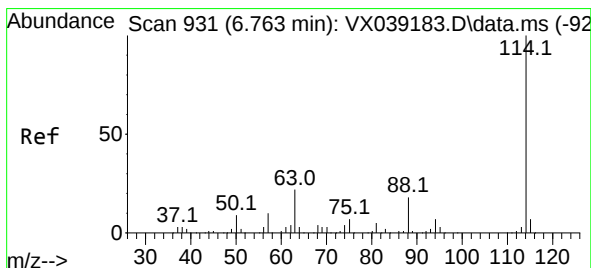
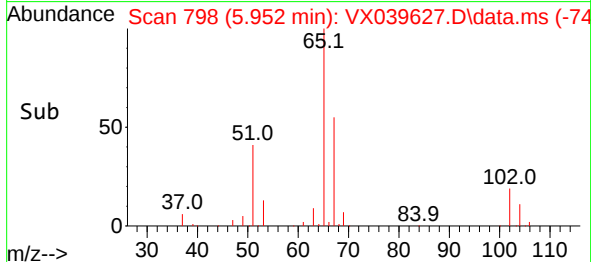
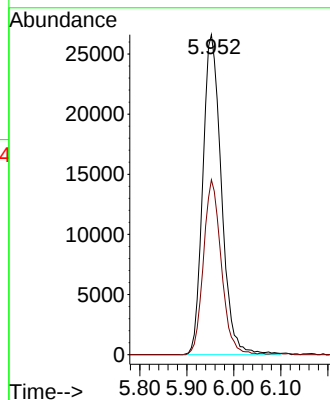
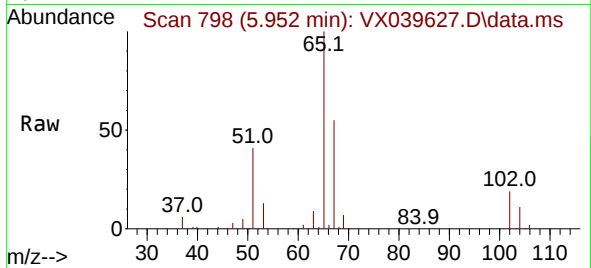
#33
1,2-Dichloroethane-d4
Concen: 47.307 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 65 Resp: 7310
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

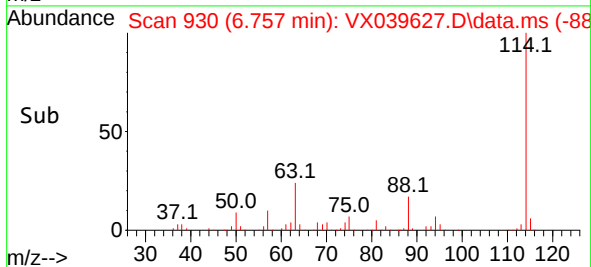
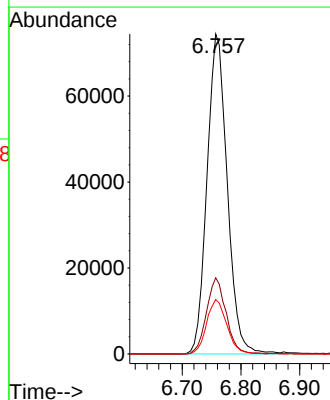
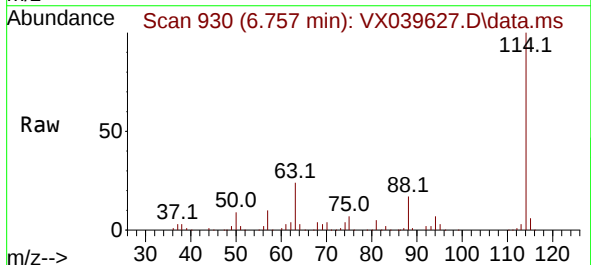
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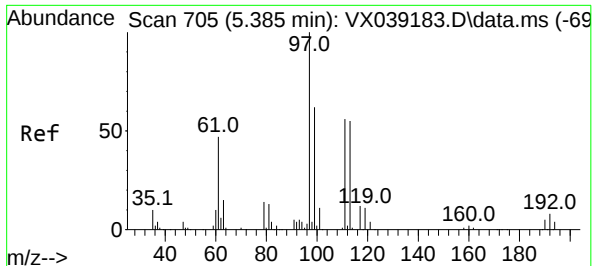
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

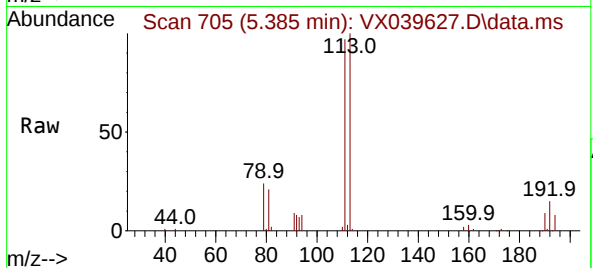
Tgt Ion:114 Resp: 178056
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.299 ug/l m
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

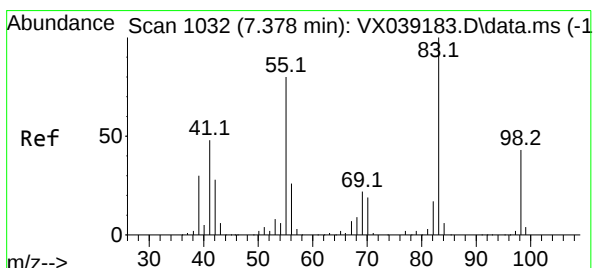
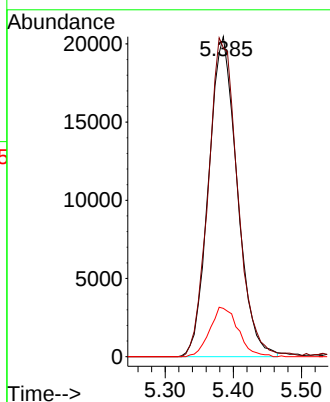
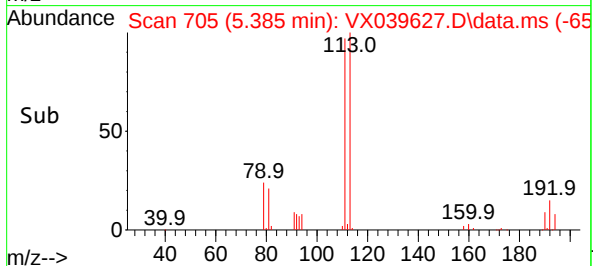
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion: 113 Resp: 5941
Ion Ratio Lower Upper
113 100
111 0.0 82.9 124.3
192 0.0 13.3 19.9

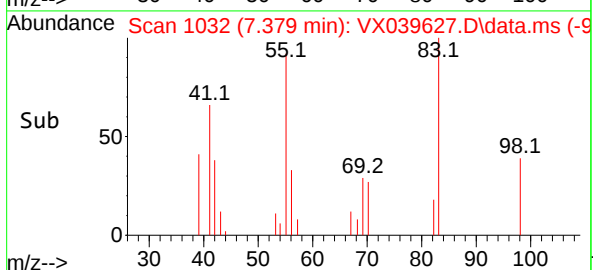
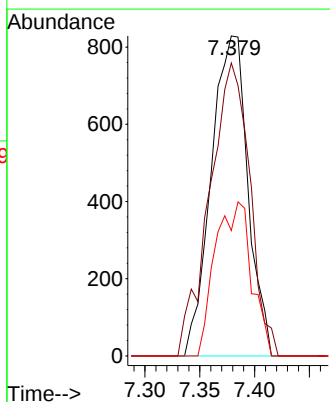
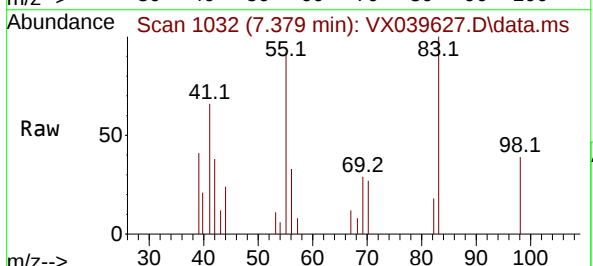
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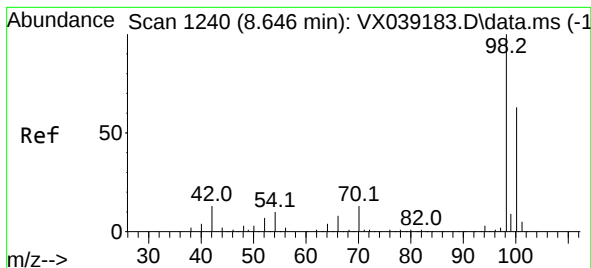
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#39
Methylcyclohexane
Concen: 0.828 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

Tgt Ion: 83 Resp: 1930
Ion Ratio Lower Upper
83 100
55 91.6 64.6 97.0
98 39.2 36.7 55.1





#50

Toluene-d8

Concen: 49.791 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039627.D

Acq: 04 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tgt Ion: 98 Resp: 22738

Ion Ratio Lower Upper

98 100

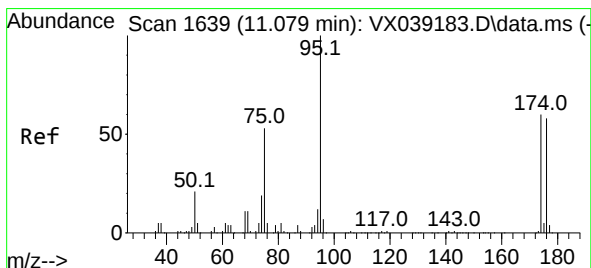
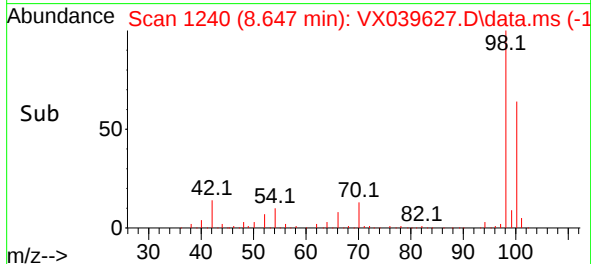
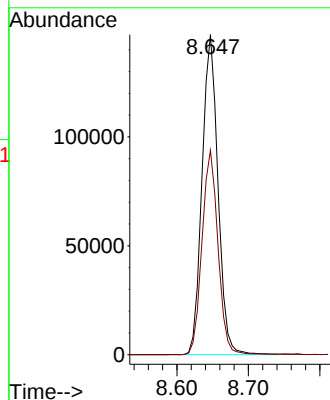
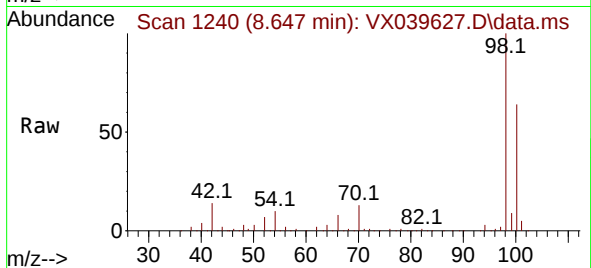
100 64.0 53.1 79.7

Manual Integrations

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Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#62

4-Bromofluorobenzene

Concen: 60.247 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039627.D

Acq: 04 Jan 2024 17:49

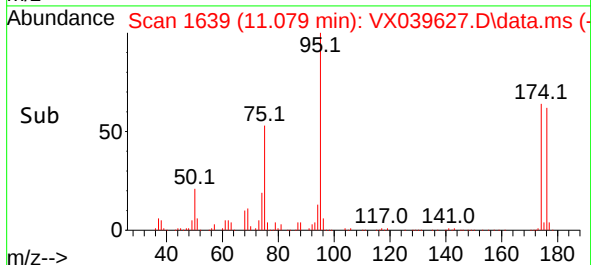
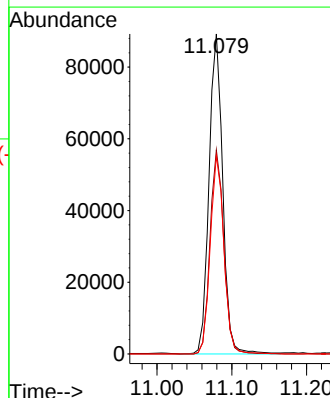
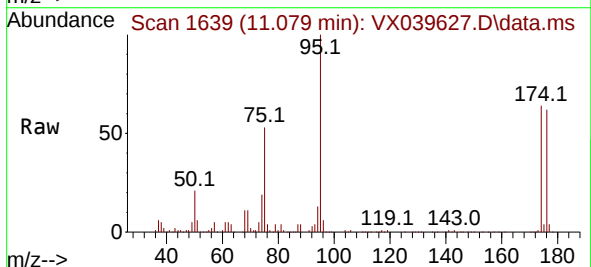
Tgt Ion: 95 Resp: 113520

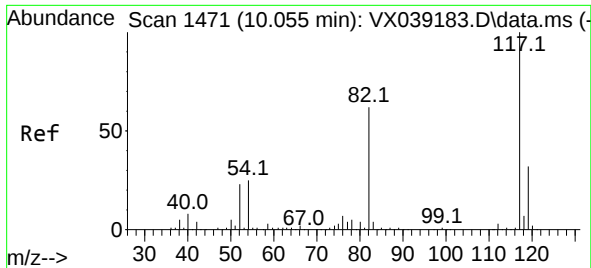
Ion Ratio Lower Upper

95 100

174 64.2 0.0 135.6

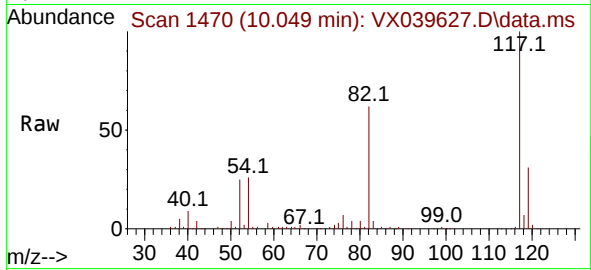
176 61.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

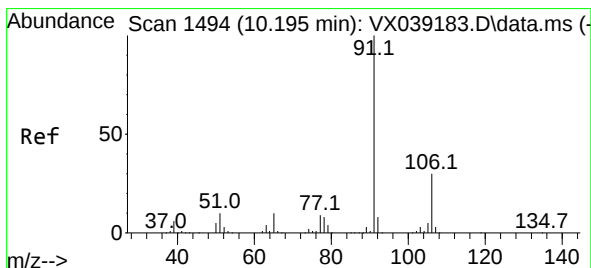
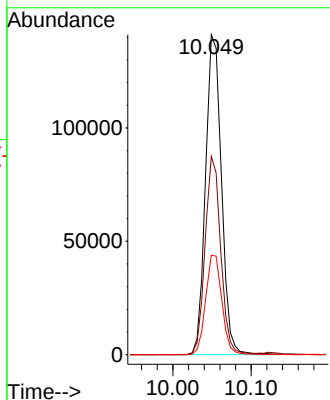
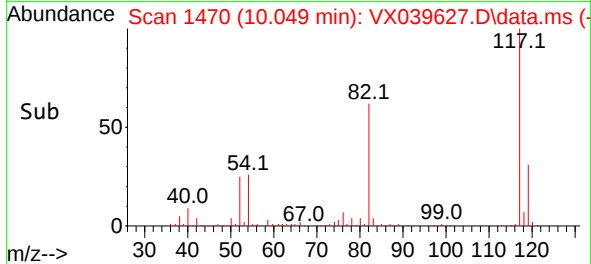
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:117 Resp: 19920
Ion Ratio Lower Upper
117 100
82 62.0 46.2 69.4
119 31.1 25.5 38.3

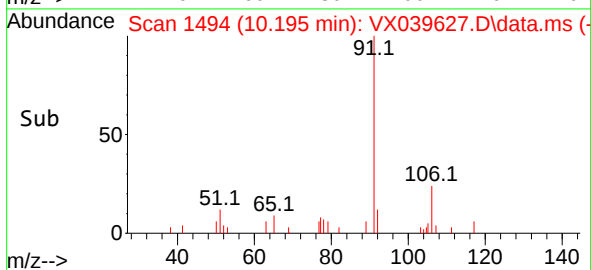
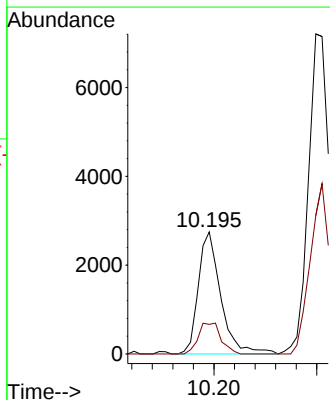
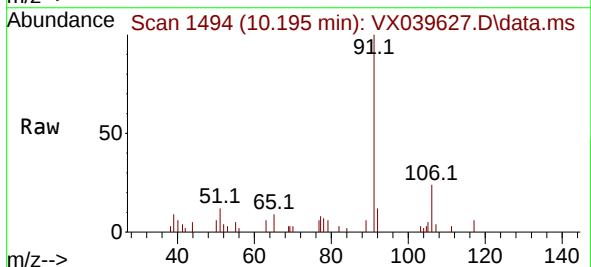
Manual Integrations
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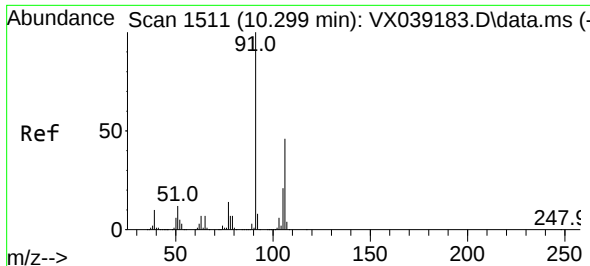
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#67
Ethyl Benzene
Concen: 0.517 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

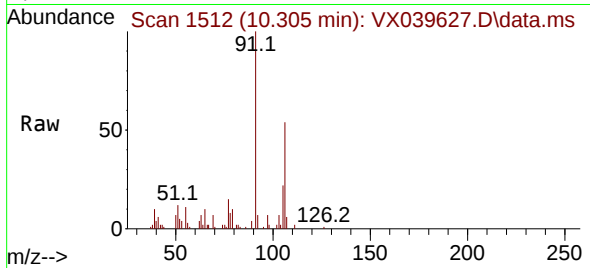
Tgt Ion: 91 Resp: 4182
Ion Ratio Lower Upper
91 100
106 24.3 24.9 37.3#





#68
m/p-Xylenes
Concen: 1.833 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

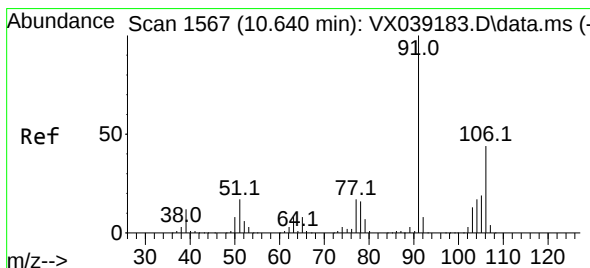
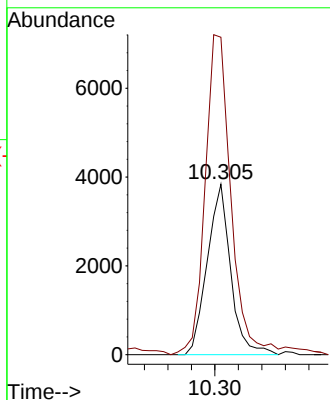
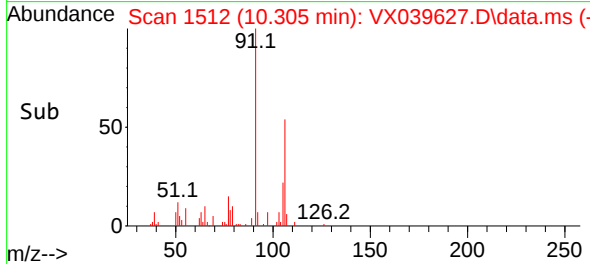
Instrument :
MSVOA_X
ClientSampleId :
MW-2



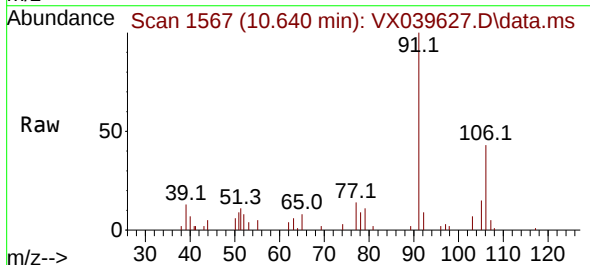
Tgt Ion:106 Resp: 5319
Ion Ratio Lower Upper
106 100
91 210.2 165.5 248.3

Manual Integrations
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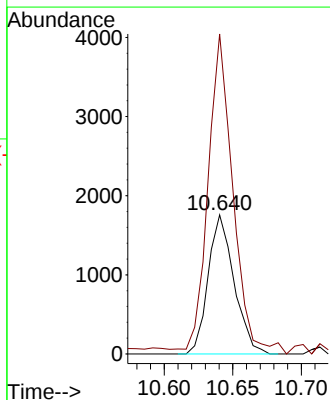
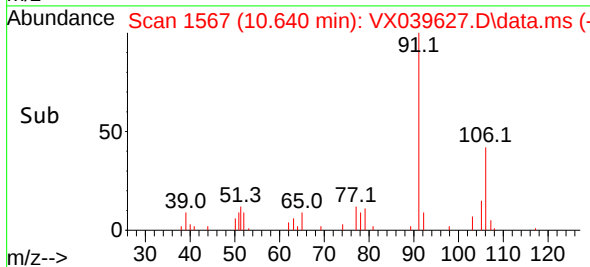
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

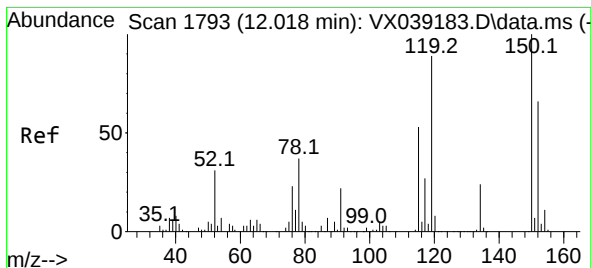


#69
o-Xylene
Concen: 0.823 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49



Tgt Ion:106 Resp: 2310
Ion Ratio Lower Upper
106 100
91 222.9 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039627.D

Acq: 04 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tgt Ion:152 Resp: 106100

Ion Ratio Lower Upper

152 100

115 69.0 43.3 129.9

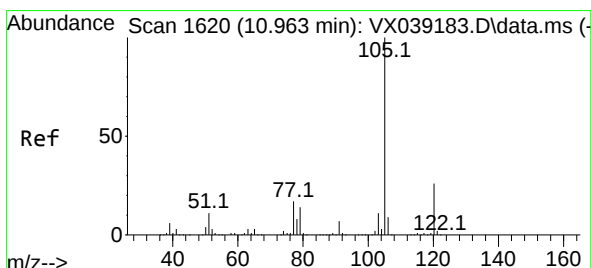
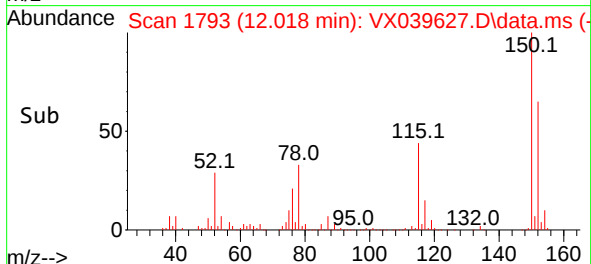
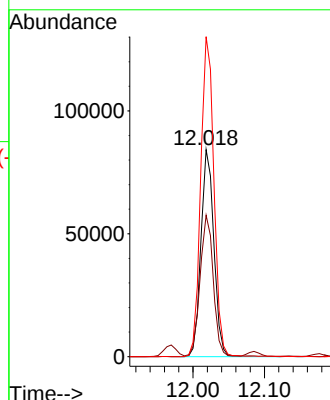
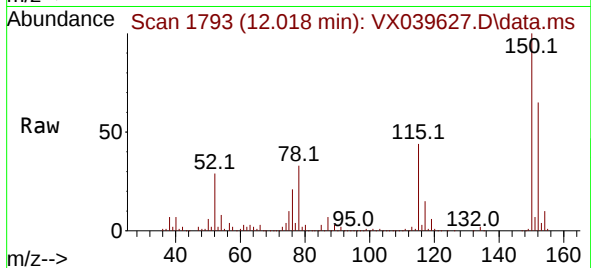
150 156.9 0.0 345.0

Manual Integrations

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Supervised By :Mahesh Dadoda 01/05/2024



#73

Isopropylbenzene

Concen: 6.325 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039627.D

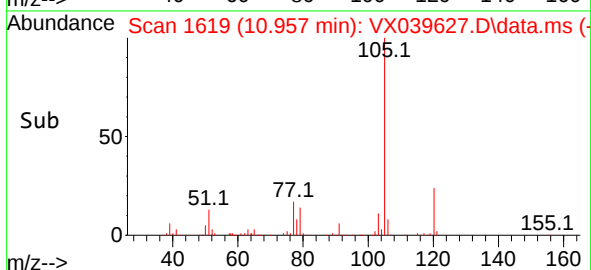
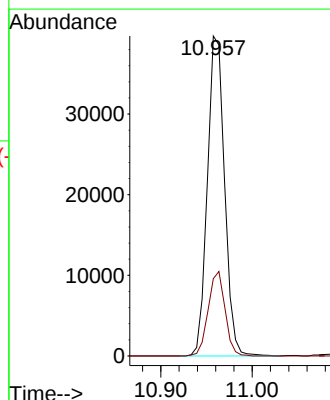
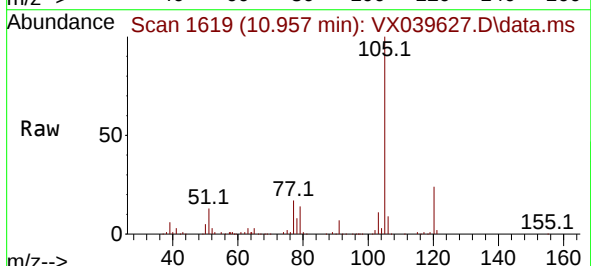
Acq: 04 Jan 2024 17:49

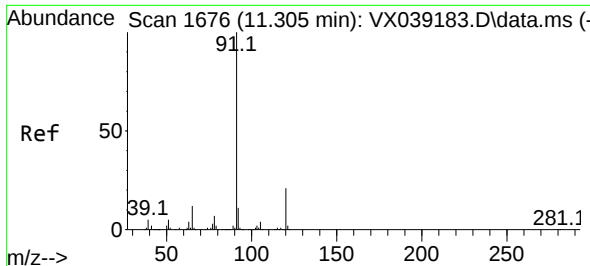
Tgt Ion:105 Resp: 51778

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6





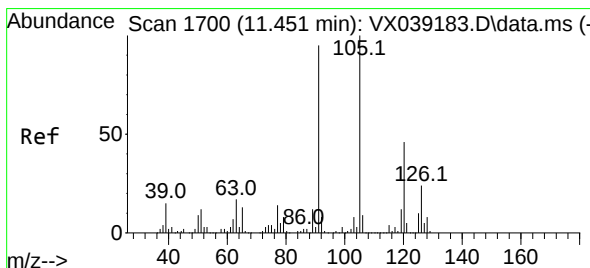
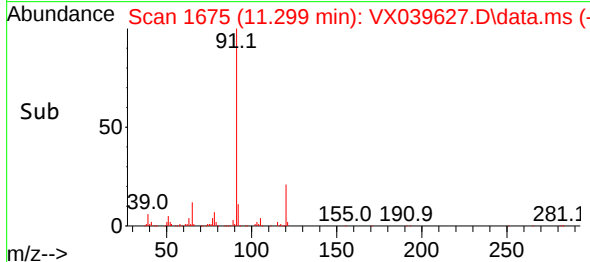
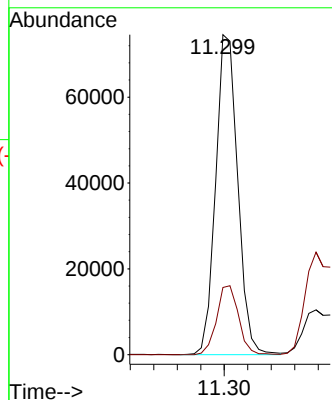
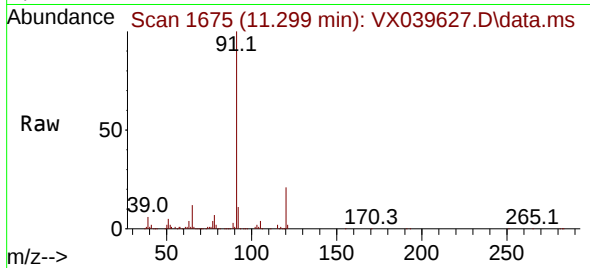
#78
n-propylbenzene
Concen: 9.647 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 97307
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

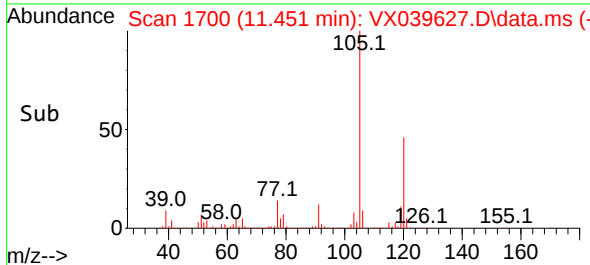
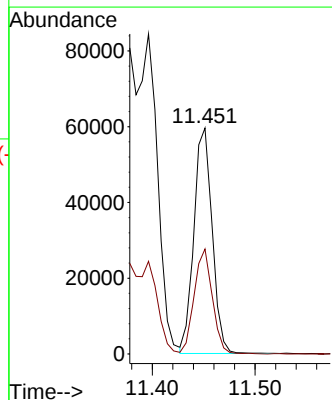
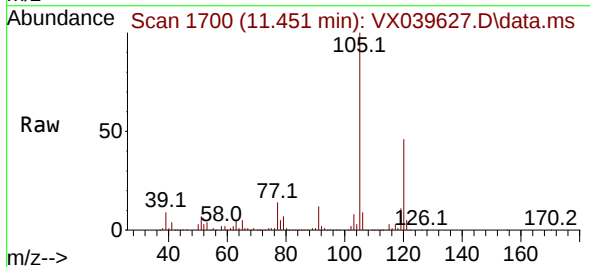
Manual Integrations
APPROVED

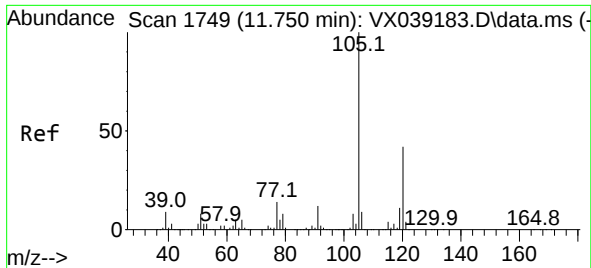
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 10.579 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

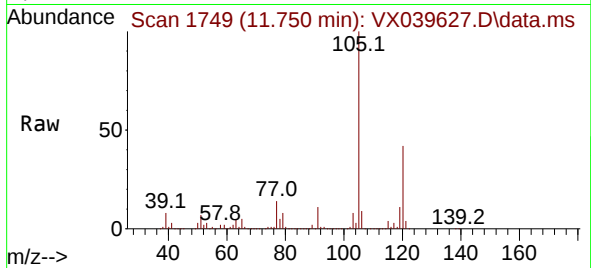
Tgt Ion:105 Resp: 73779
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 22.833 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

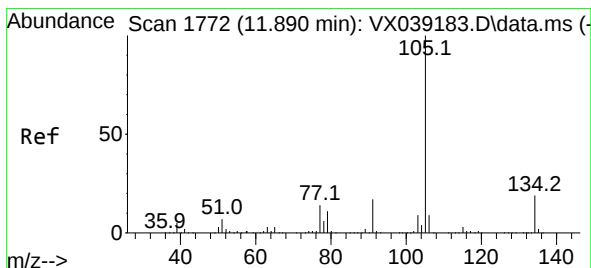
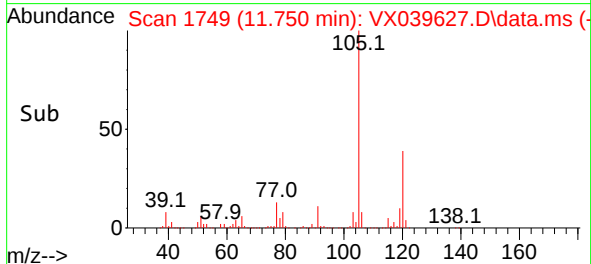
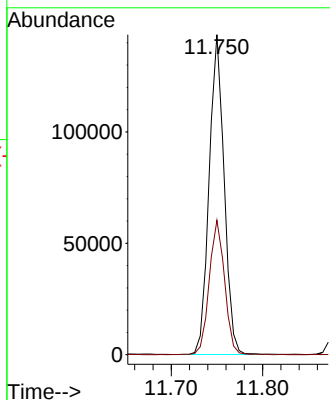
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:105 Resp: 163297
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6

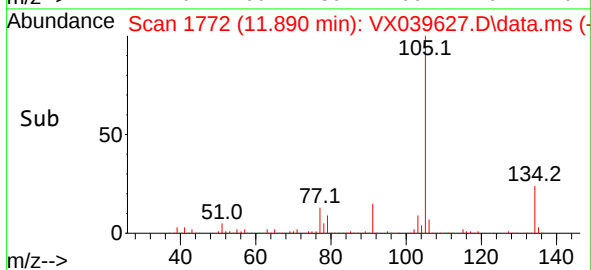
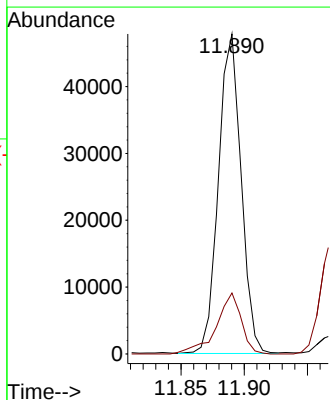
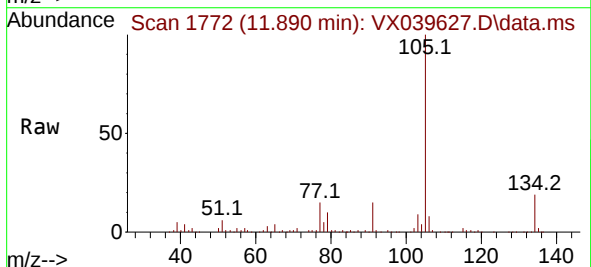
Manual Integrations
APPROVED

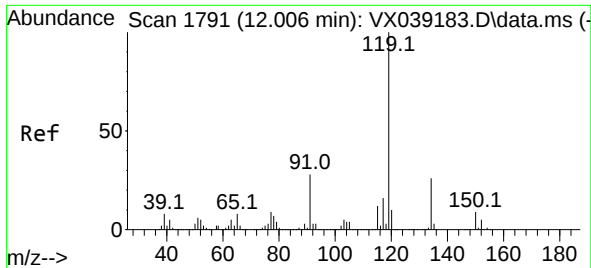
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#85
sec-Butylbenzene
Concen: 7.039 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

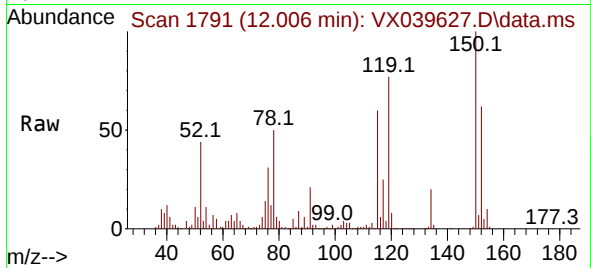
Tgt Ion:105 Resp: 59446
Ion Ratio Lower Upper
105 100
134 21.1 9.8 29.4





#86
p-Isopropyltoluene
Concen: 3.657 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

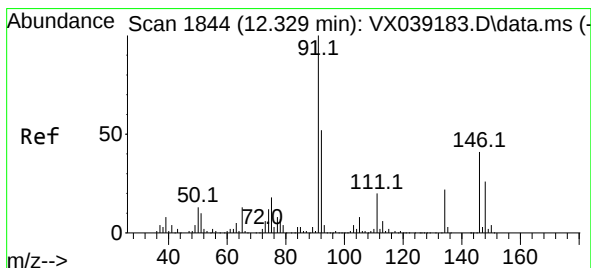
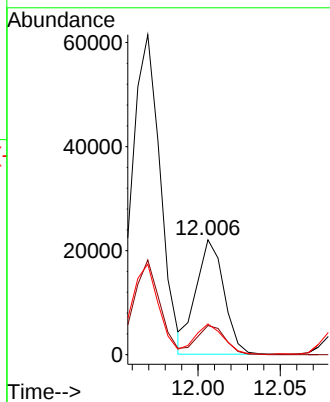
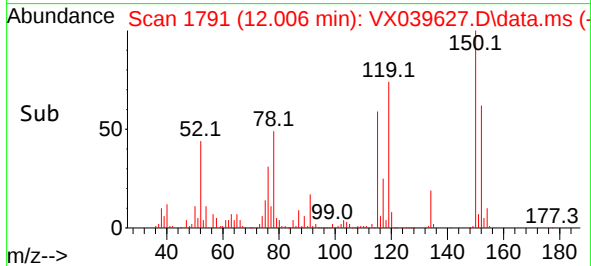
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:119 Resp: 2592
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.3
91 26.8 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#89
n-Butylbenzene
Concen: 9.867 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039627.D
Acq: 04 Jan 2024 17:49

Tgt Ion: 91 Resp: 68750
Ion Ratio Lower Upper
91 100
92 33.6 27.4 82.0
134 86.9 12.6 37.8#

