

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041759.D
 Acq On : 05 Jun 2024 18:46
 Operator : JC/MD
 Sample : P2717-02DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 02:24:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	140159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	213097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80326	46.728	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.460%		
35) Dibromofluoromethane	5.385	113	67076	45.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.060%		
50) Toluene-d8	8.647	98	251990	48.949	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	102036	53.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.400%		
Target Compounds						Qvalue
16) Acetone	2.392	43	11579	12.660	ug/l	98
25) 2-Butanone	4.593	43	4843	4.533	ug/l	91
31) Cyclohexane	5.464	56	37595	18.524	ug/l	93
39) Methylcyclohexane	7.379	83	29734	13.566	ug/l	95
40) Benzene	6.044	78	5530	0.992	ug/l	99
52) Toluene	8.720	92	92920	26.257	ug/l	97
67) Ethyl Benzene	10.195	91	225472	31.068	ug/l	98
68) m/p-Xylenes	10.299	106	251845	87.230	ug/l	94
69) o-Xylene	10.640	106	66781	23.251	ug/l	97
73) Isopropylbenzene	10.963	105	25509	3.560	ug/l	98
78) n-propylbenzene	11.305	91	86995	11.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	101081	16.894	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	452671	74.673	ug/l	93
85) sec-Butylbenzene	11.890	105	6094m	0.825	ug/l	
86) p-Isopropyltoluene	12.006	119	2933m	0.453	ug/l	
89) n-Butylbenzene	12.329	91	15900	3.099	ug/l #	21

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

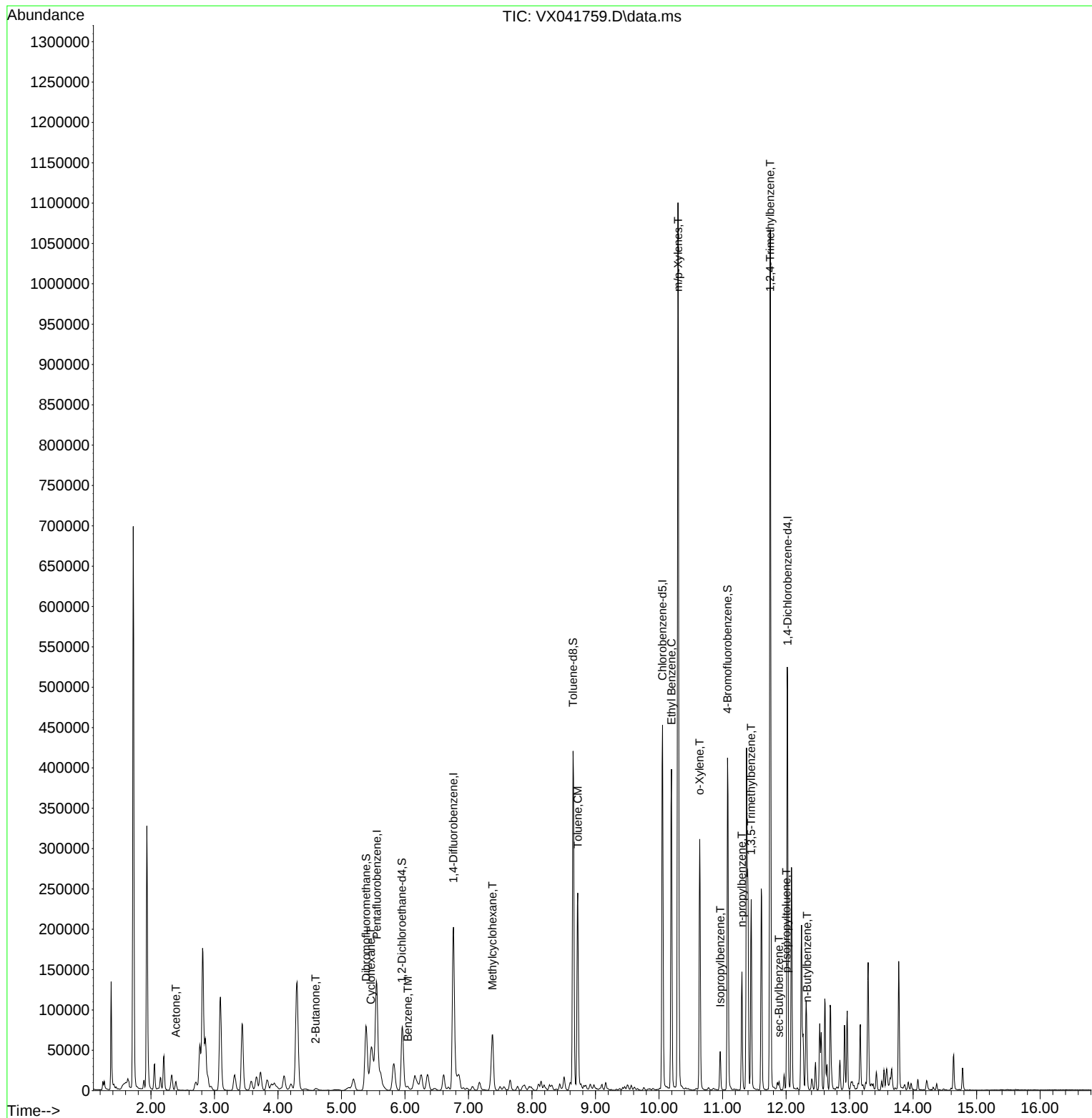
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
Data File : VX041759.D
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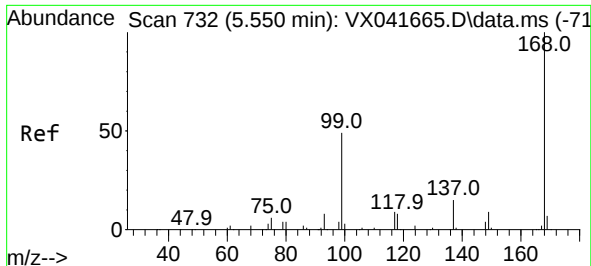
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

Quant Time: Jun 06 02:24:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

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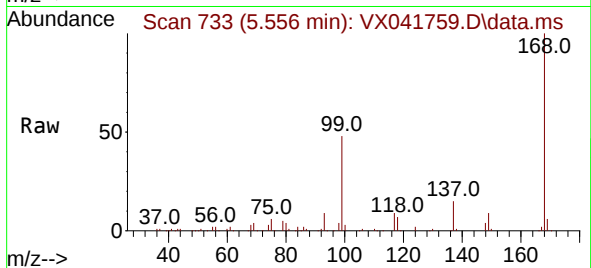
Reviewed By : John Carlone 06/06/2024
Supervised By : Mahesh Dadoda 06/06/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

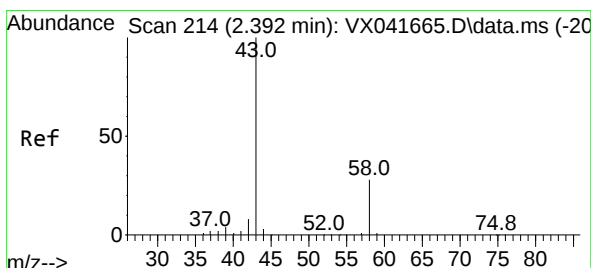
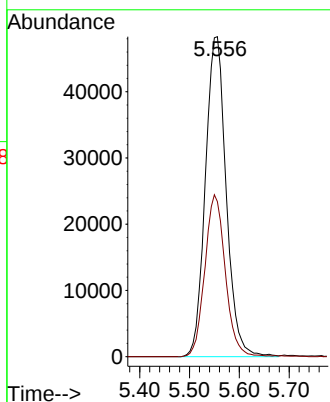
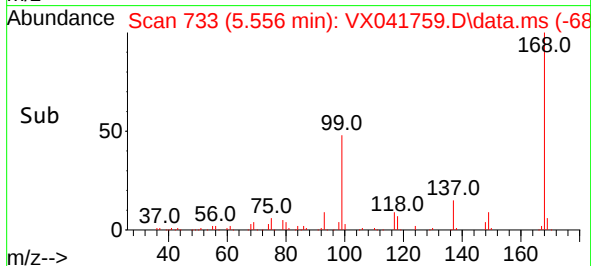
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL



Tgt Ion:168 Resp: 140159
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0

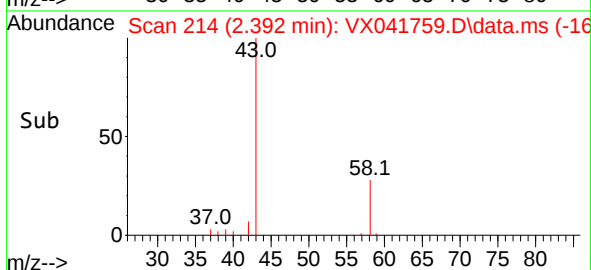
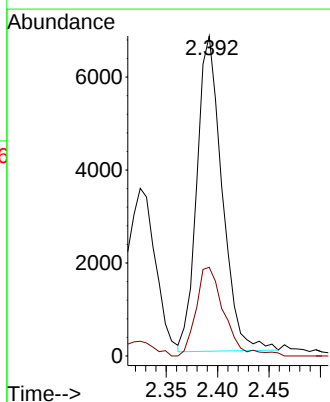
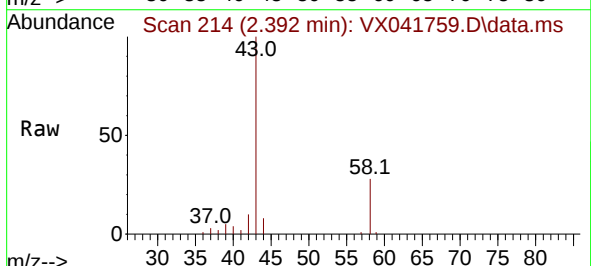
Manual Integrations
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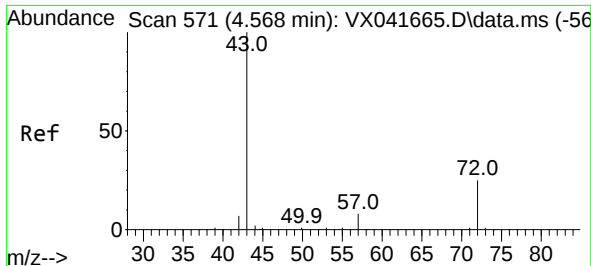
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#16
Acetone
Concen: 12.660 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Tgt Ion: 43 Resp: 11579
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9





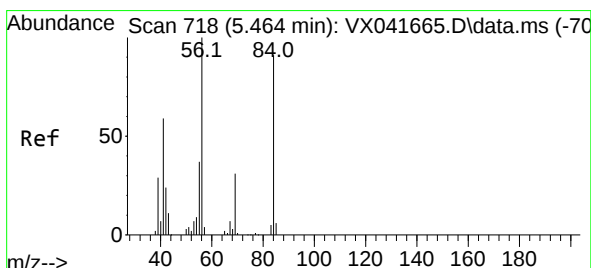
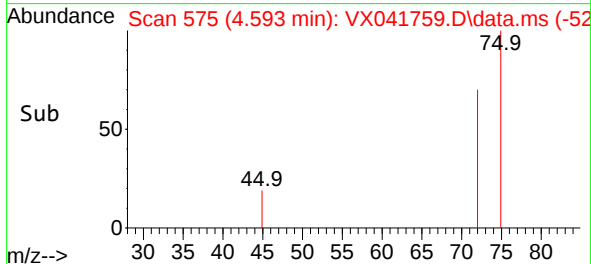
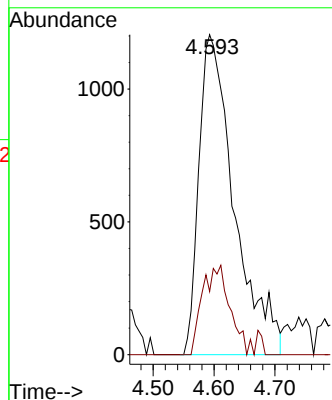
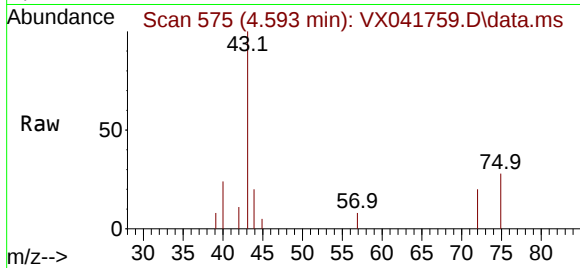
#25
2-Butanone
Concen: 4.533 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
72 19.8 19.4 29.2

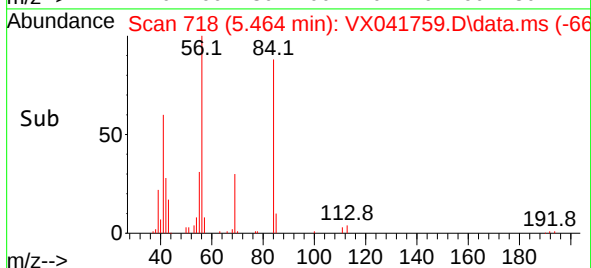
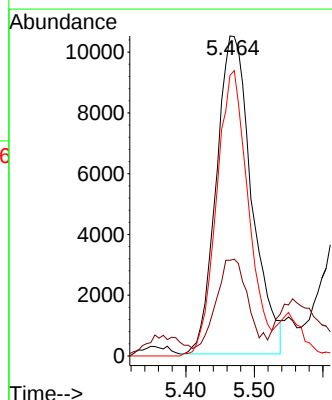
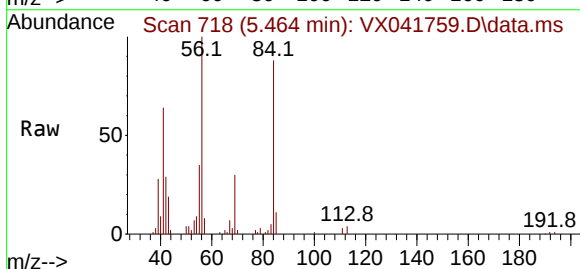
Manual Integrations
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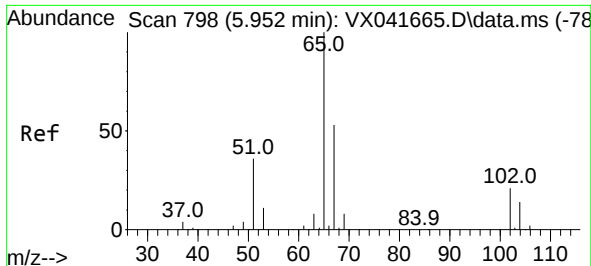
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#31
Cyclohexane
Concen: 18.524 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Tgt Ion: 56 Resp: 37595
Ion Ratio Lower Upper
56 100
69 25.7 23.4 35.2
84 88.2 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.728 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041759.D

Acq: 05 Jun 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6ADL

Tgt Ion: 65 Resp: 80320

Ion Ratio Lower Upper

65 100

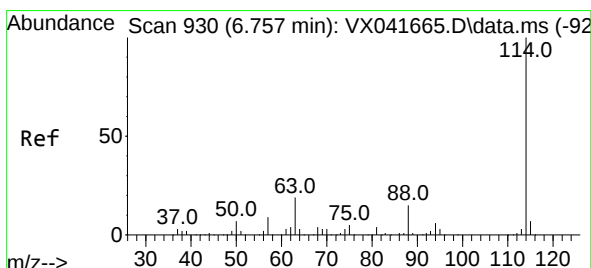
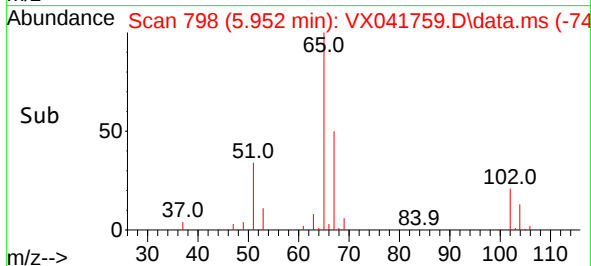
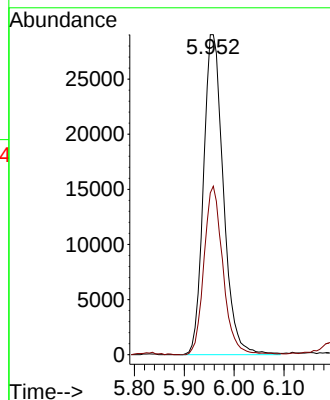
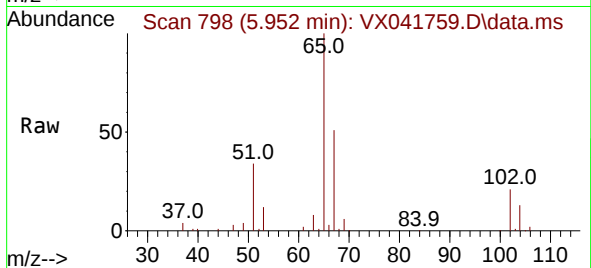
67 50.3 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041759.D

Acq: 05 Jun 2024 18:46

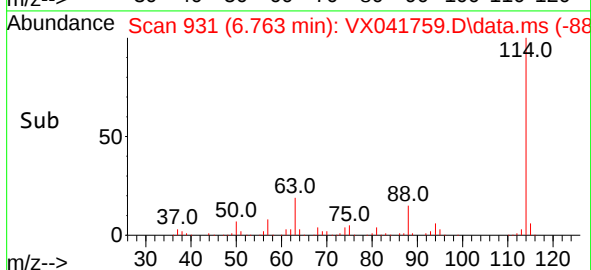
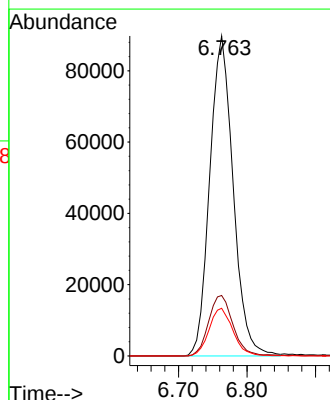
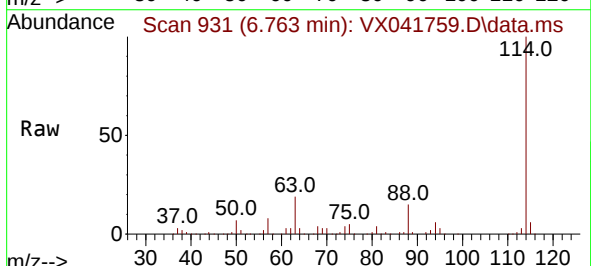
Tgt Ion:114 Resp: 213097

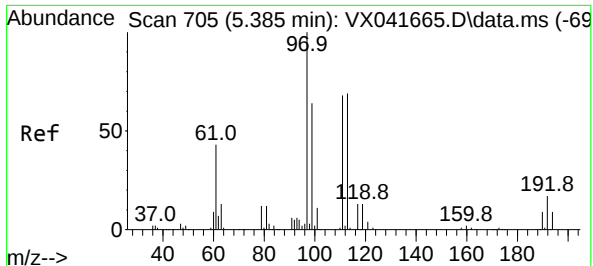
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

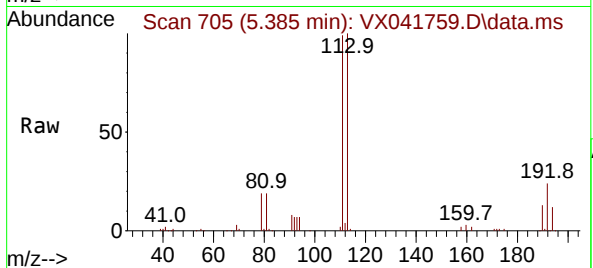
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.527 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

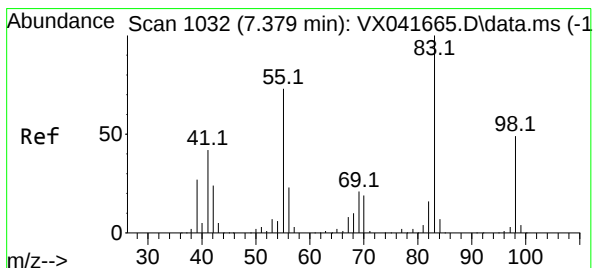
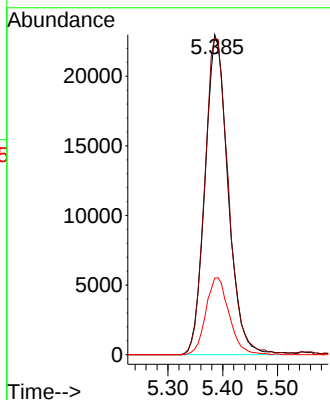
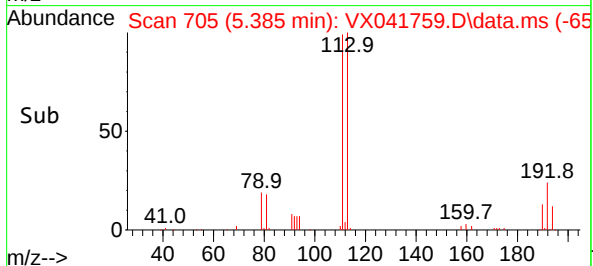
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL



Tgt Ion: 113 Resp: 67070
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.3 13.3 19.9

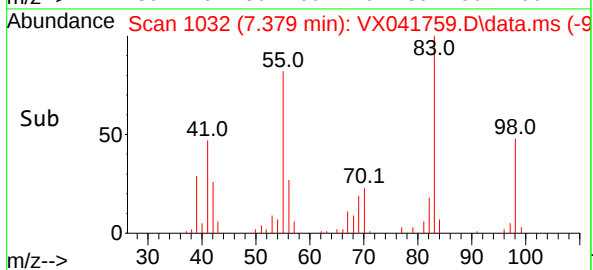
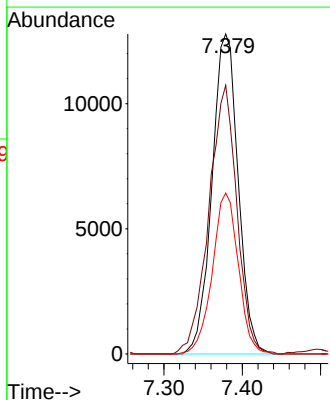
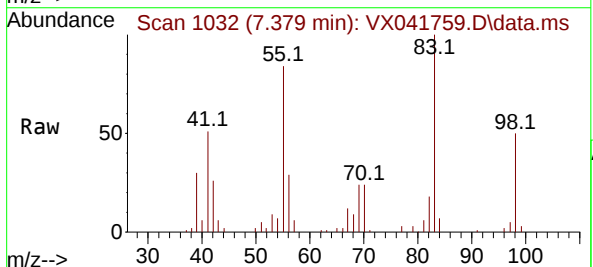
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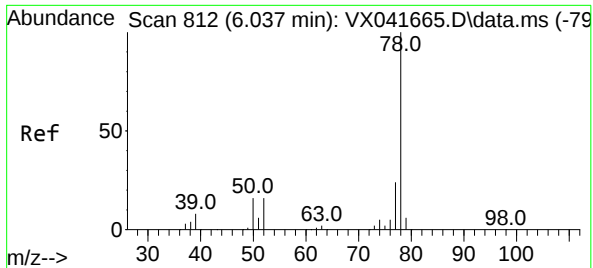
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#39
Methylcyclohexane
Concen: 13.566 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Tgt Ion: 83 Resp: 29734
Ion Ratio Lower Upper
83 100
55 83.9 64.6 97.0
98 50.3 36.7 55.1





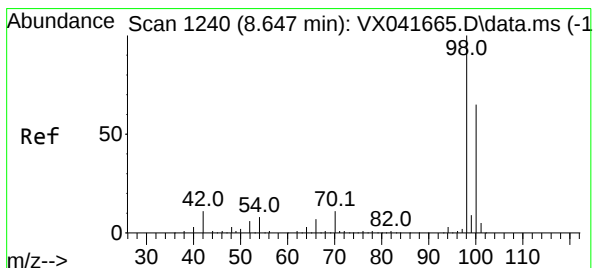
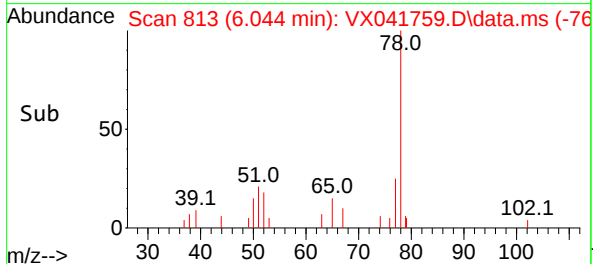
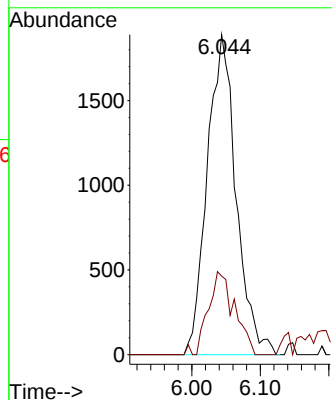
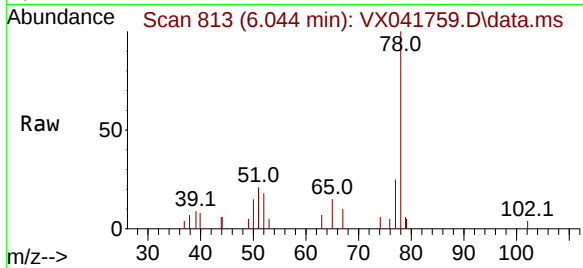
#40
Benzene
Concen: 0.992 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

Tgt Ion: 78 Resp: 5530
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

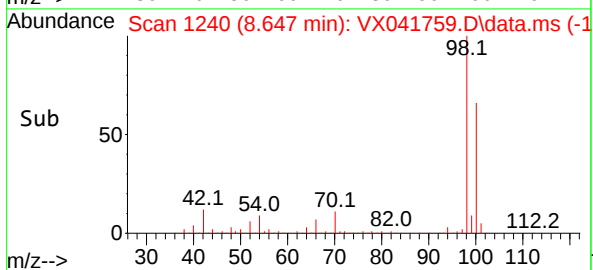
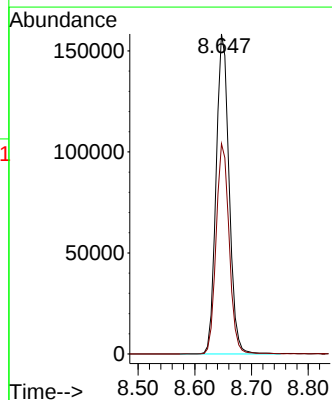
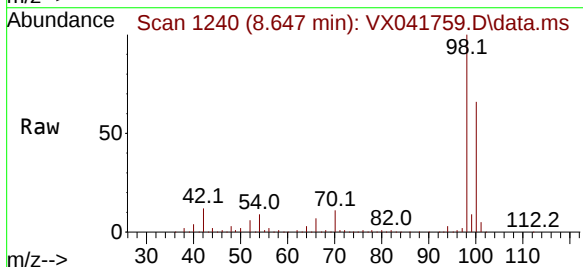
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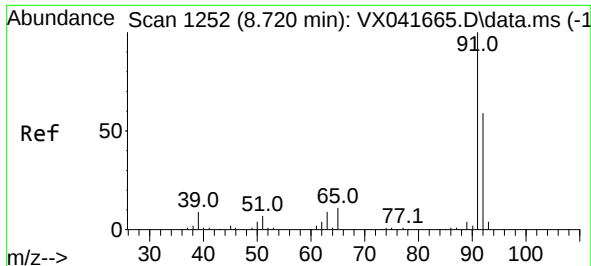
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#50
Toluene-d8
Concen: 48.949 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

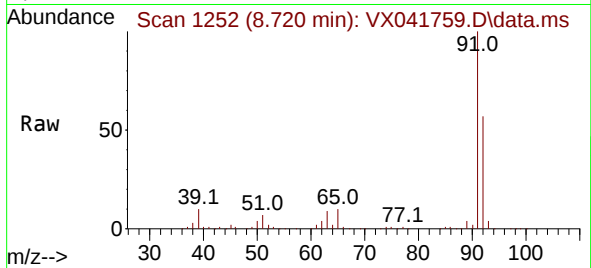
Tgt Ion: 98 Resp: 251990
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#52
Toluene
Concen: 26.257 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

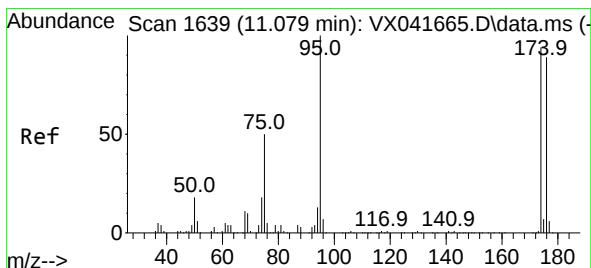
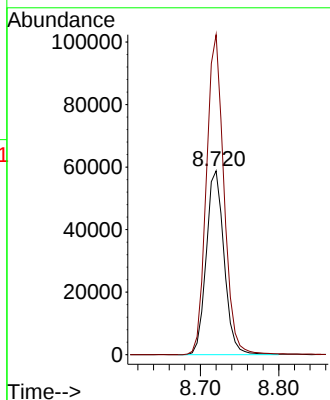
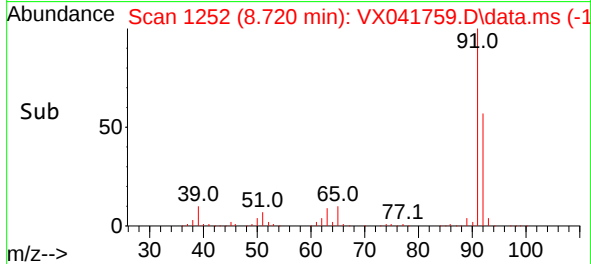
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MW-6ADL



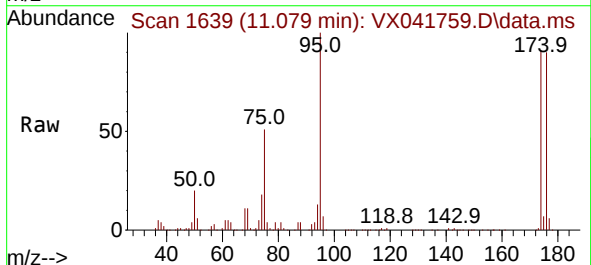
Tgt Ion: 92 Resp: 92920
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2

Manual Integrations
APPROVED

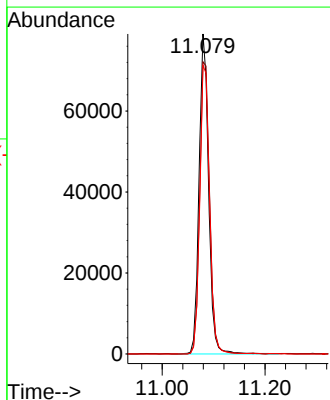
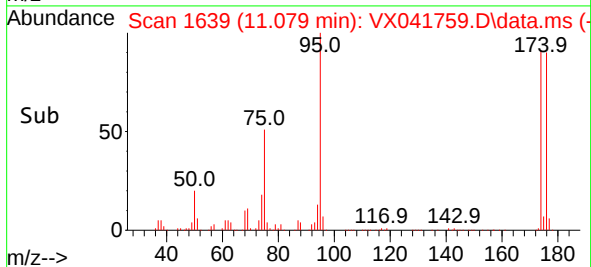
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

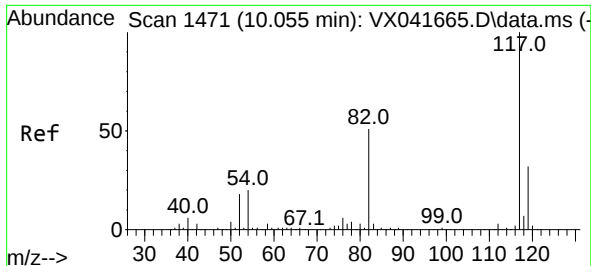


#62
4-Bromofluorobenzene
Concen: 53.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46



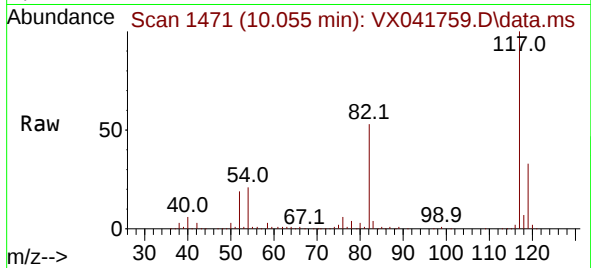
Tgt Ion: 95 Resp: 102036
Ion Ratio Lower Upper
95 100
174 95.2 0.0 135.6
176 92.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

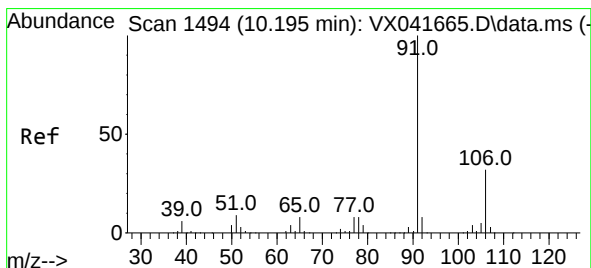
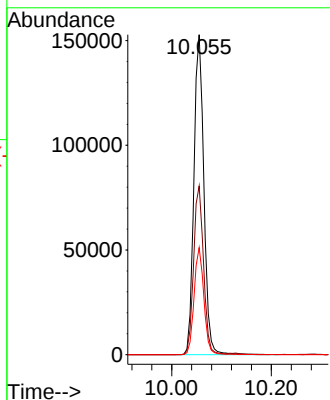
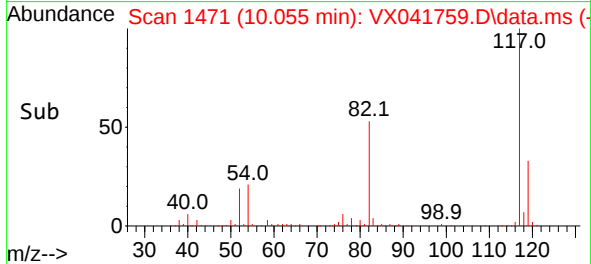
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL



Tgt Ion:117 Resp: 212192
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 33.4 25.5 38.3

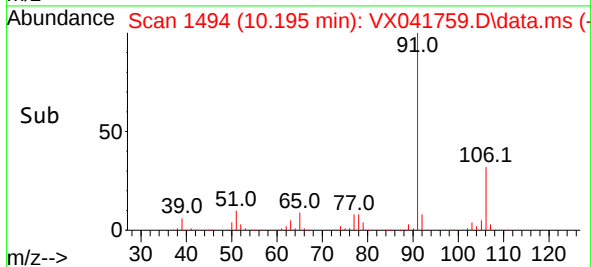
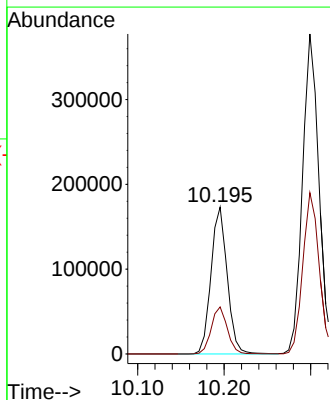
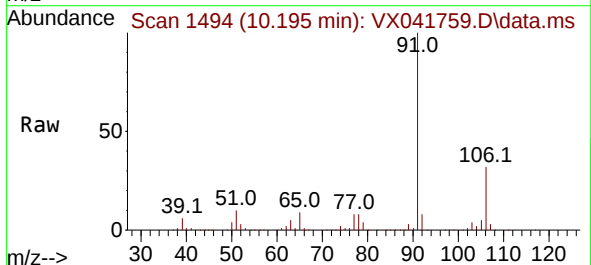
Manual Integrations
APPROVED

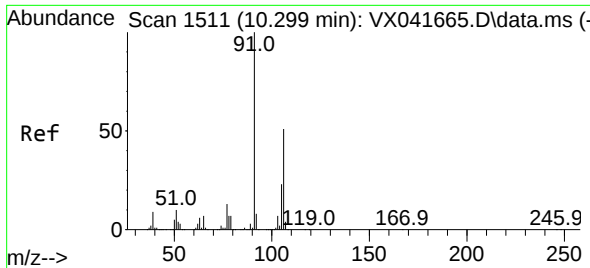
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#67
Ethyl Benzene
Concen: 31.068 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Tgt Ion: 91 Resp: 225472
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3





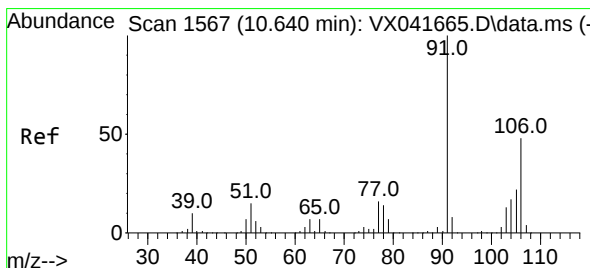
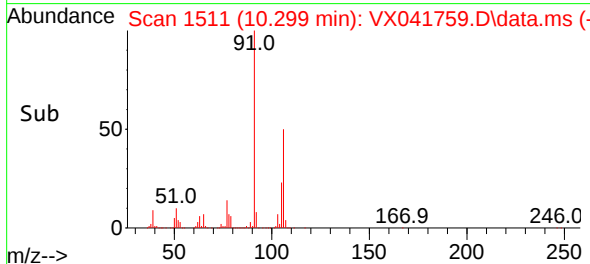
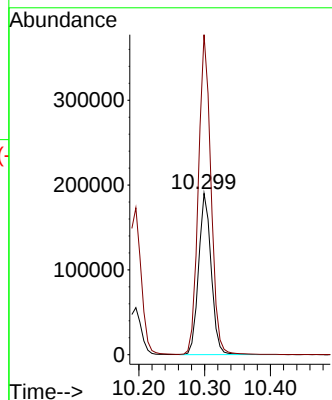
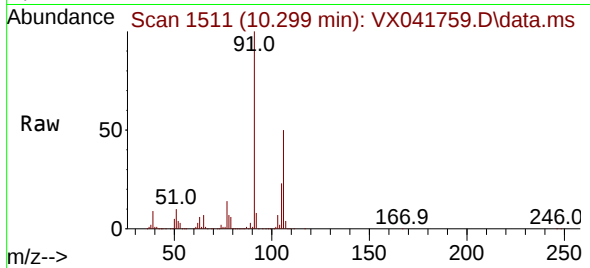
#68
m/p-Xylenes
Concen: 87.230 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

Tgt Ion:106 Resp: 251849
Ion Ratio Lower Upper
106 100
91 197.7 165.5 248.3

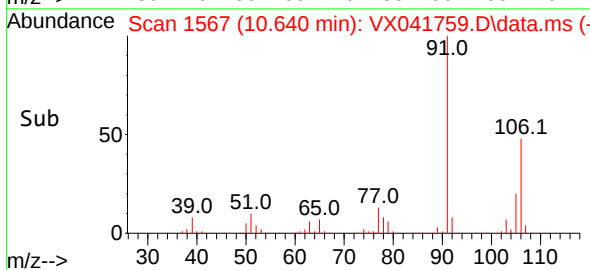
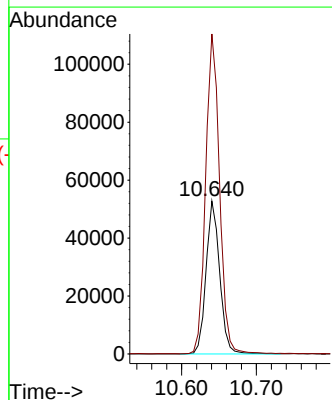
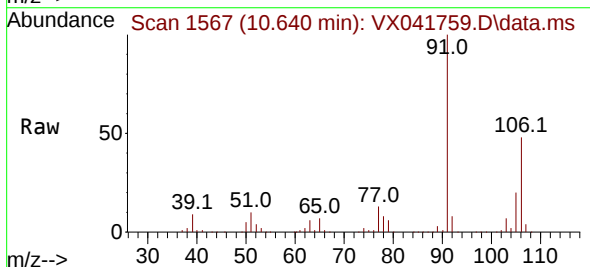
Manual Integrations
APPROVED

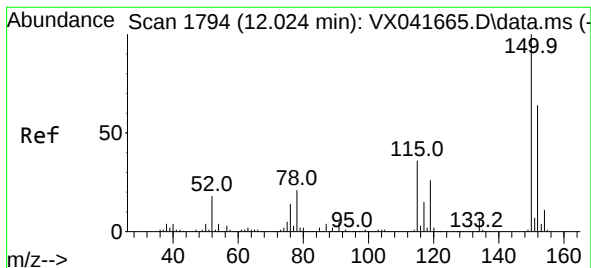
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#69
o-Xylene
Concen: 23.251 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

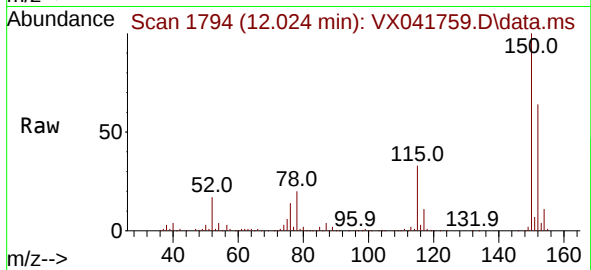
Tgt Ion:106 Resp: 66781
Ion Ratio Lower Upper
106 100
91 213.5 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

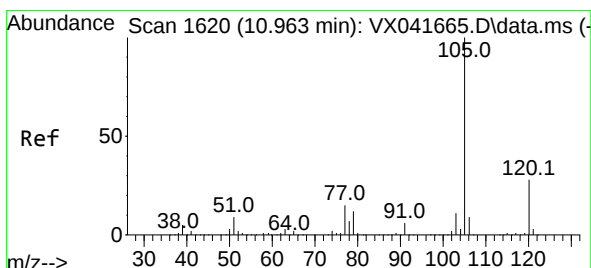
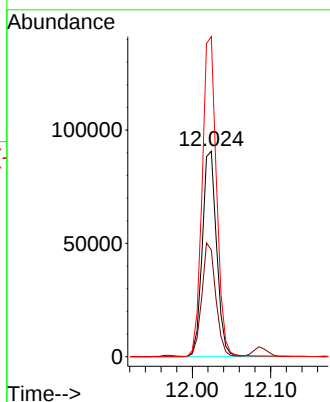
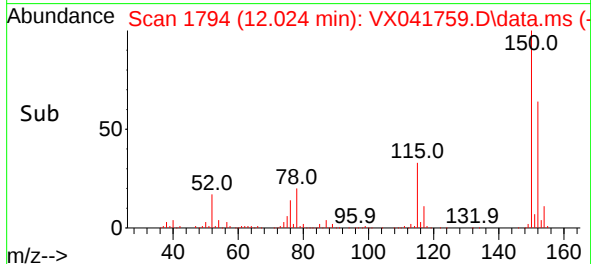
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL



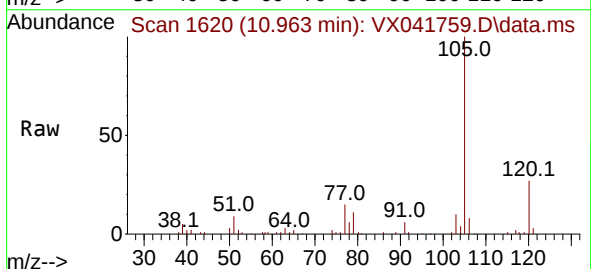
Tgt Ion:152 Resp: 11552
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 156.2 0.0 345.0

Manual Integrations
APPROVED

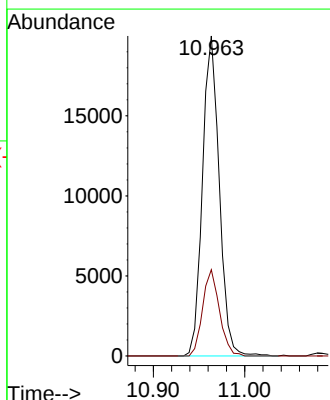
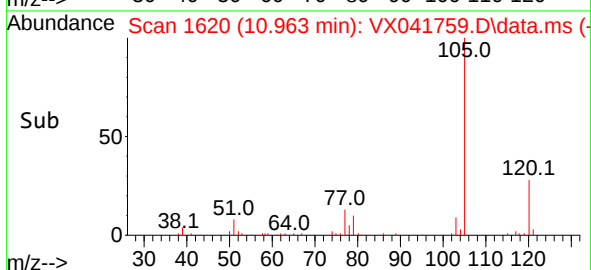
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

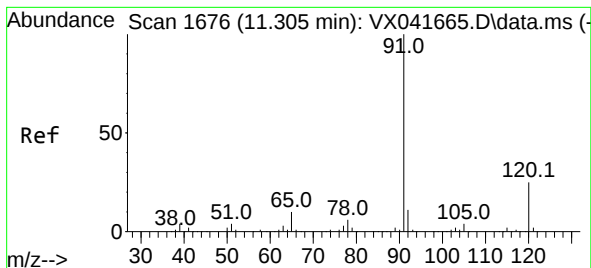


#73
Isopropylbenzene
Concen: 3.560 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46



Tgt Ion:105 Resp: 25509
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6





#78

n-propylbenzene

Concen: 11.056 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041759.D

Acq: 05 Jun 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6ADL

Tgt Ion: 91 Resp: 8699

Ion Ratio Lower Upper

91 100

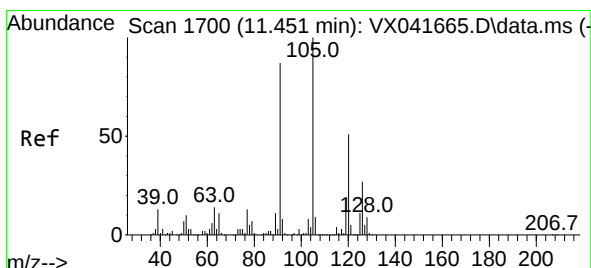
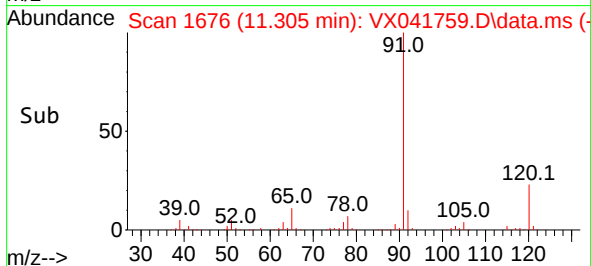
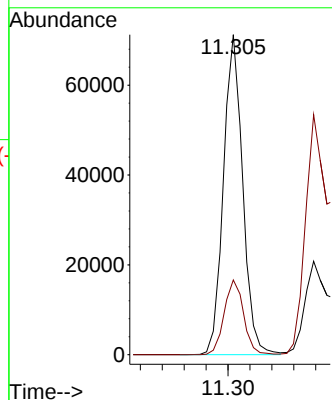
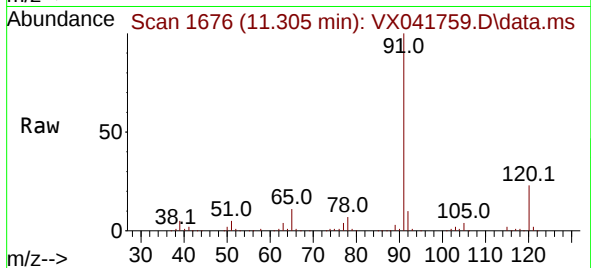
120 23.6 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#80

1,3,5-Trimethylbenzene

Concen: 16.894 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041759.D

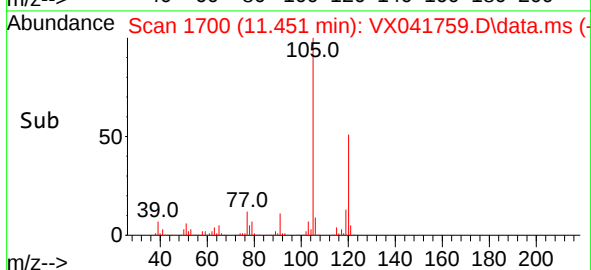
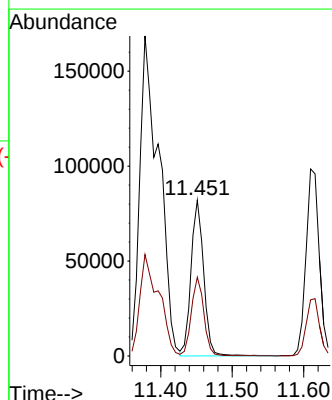
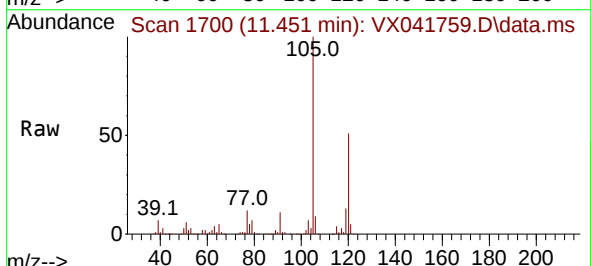
Acq: 05 Jun 2024 18:46

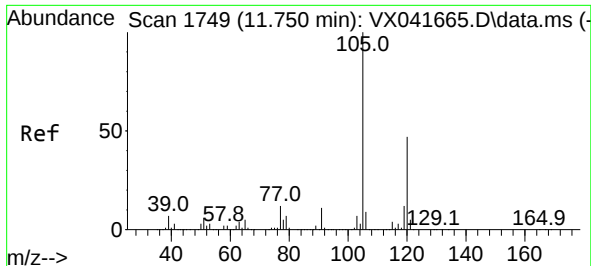
Tgt Ion:105 Resp: 101081

Ion Ratio Lower Upper

105 100

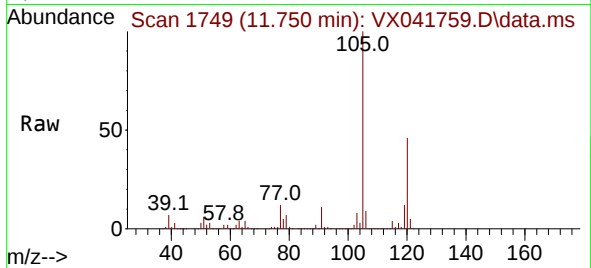
120 49.4 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 74.673 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

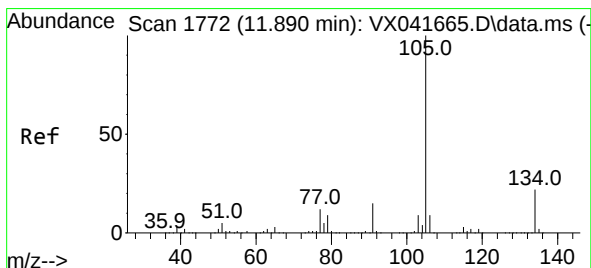
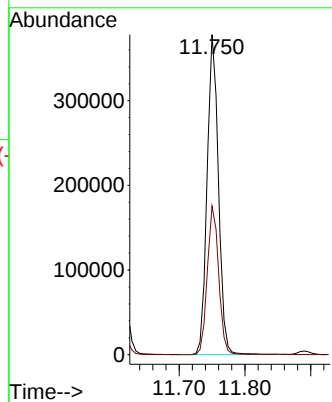
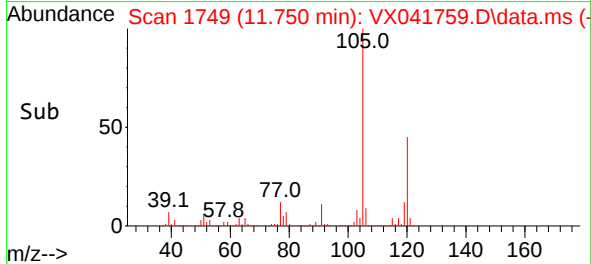
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL



Tgt Ion:105 Resp: 45267
Ion Ratio Lower Upper
105 100
120 46.9 21.2 63.6

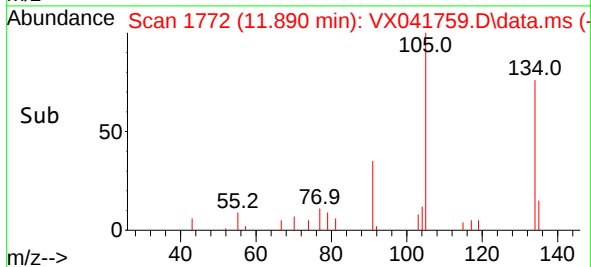
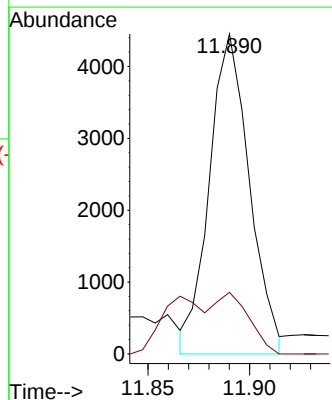
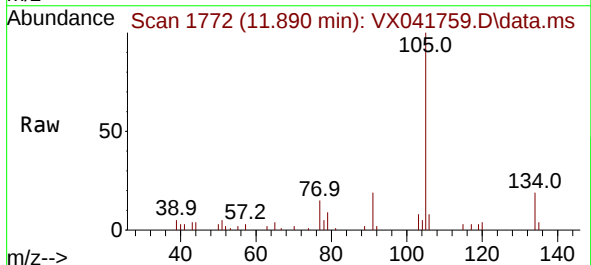
Manual Integrations
APPROVED

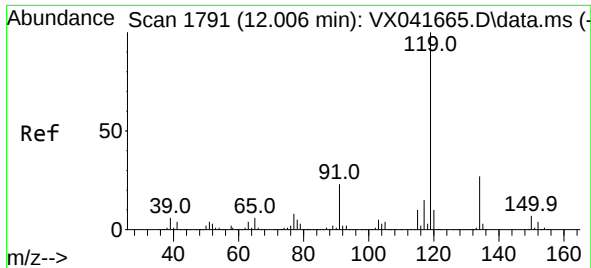
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#85
sec-Butylbenzene
Concen: 0.825 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

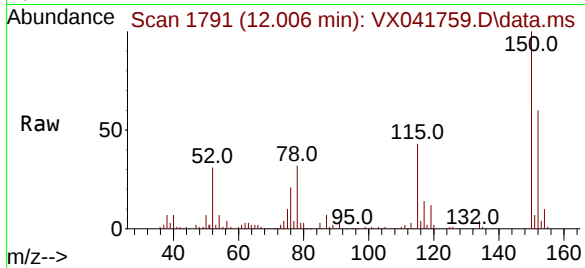
Tgt Ion:105 Resp: 6094
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 0.453 ug/l m
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46

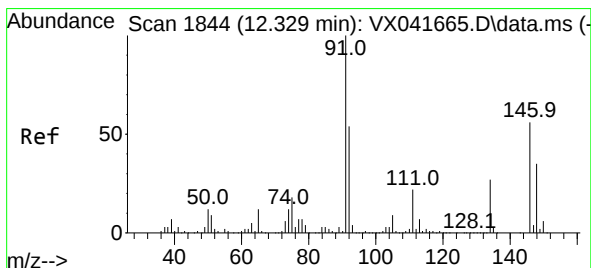
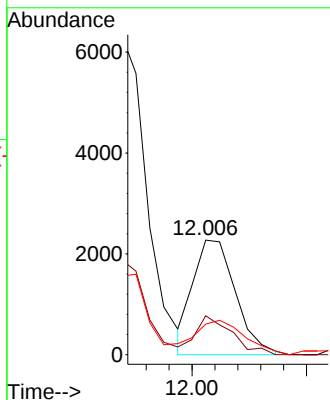
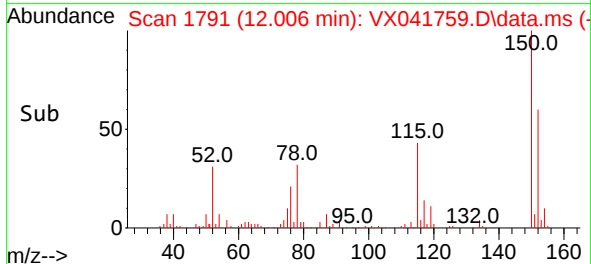
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL



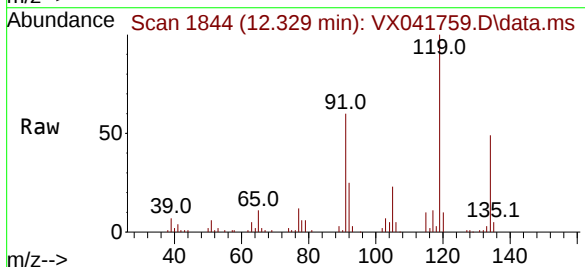
Tgt Ion: 119 Resp: 293
Ion Ratio Lower Upper
119 100
134 82.0 12.8 38.3
91 78.6 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#89
n-Butylbenzene
Concen: 3.099 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041759.D
Acq: 05 Jun 2024 18:46



Tgt Ion: 91 Resp: 15900
Ion Ratio Lower Upper
91 100
92 31.8 27.4 82.0
134 117.0 12.6 37.8

