

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042116.D
 Acq On : 01 Jul 2024 15:55
 Operator : JC/MD
 Sample : P3092-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-20240626

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/02/2024
 Supervised By : Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 02:07:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	148331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	227636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71628	41.877	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.760%		
35) Dibromofluoromethane	5.385	113	68989	42.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.420%		
50) Toluene-d8	8.647	98	267175	47.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	106039	50.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.400%		
Target Compounds						Qvalue
16) Acetone	2.392	43	16856	22.443	ug/l	# 88
17) Carbon Disulfide	2.502	76	1531	0.587	ug/l	# 84
19) Methyl tert-butyl Ether	3.123	73	54418	12.875	ug/l	# 71
25) 2-Butanone	4.581	43	10143	8.681	ug/l	96
31) Cyclohexane	5.465	56	39629	19.811	ug/l	93
39) Methylcyclohexane	7.379	83	70694	32.591	ug/l	94
40) Benzene	6.032	78	1895652	327.701	ug/l	100
52) Toluene	8.720	92	313148	85.011	ug/l	99
67) Ethyl Benzene	10.195	91	907305	120.587	ug/l	96
68) m/p-Xylenes	10.299	106	704466	231.941	ug/l	90
69) o-Xylene	10.640	106	463929	154.282	ug/l	92
73) Isopropylbenzene	10.964	105	61140	8.033	ug/l	96
78) n-propylbenzene	11.305	91	87009	10.537	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	278545	43.940	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	1161896	182.692	ug/l	90
86) p-Isopropyltoluene	12.006	119	9456m	1.376	ug/l	
95) Naphthalene	13.774	128	287942	32.354	ug/l	100

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

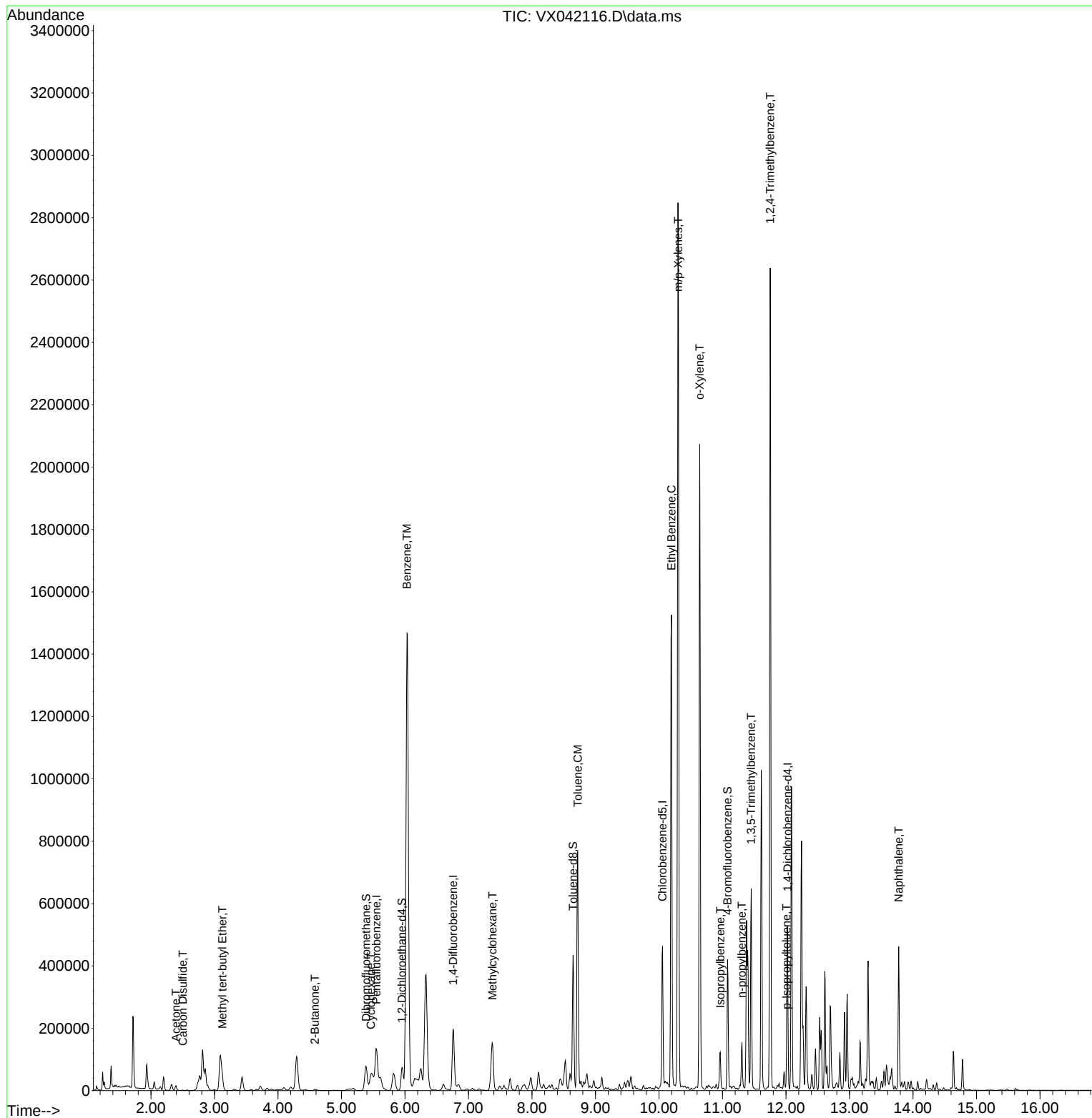
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
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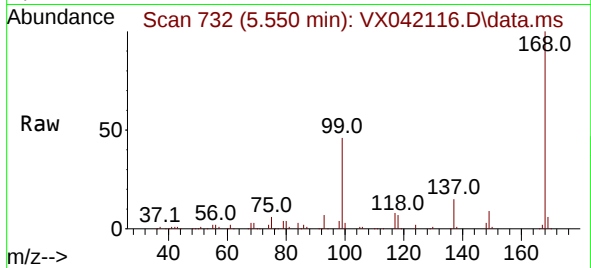
Reviewed By : John Carlone 07/02/2024
Supervised By : Mahesh Dadoda 07/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

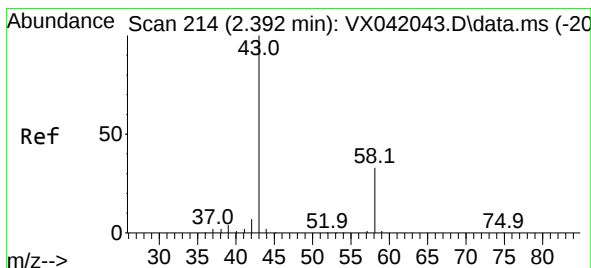
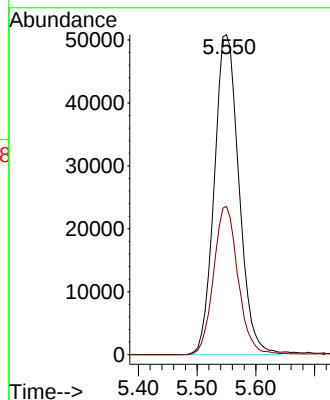
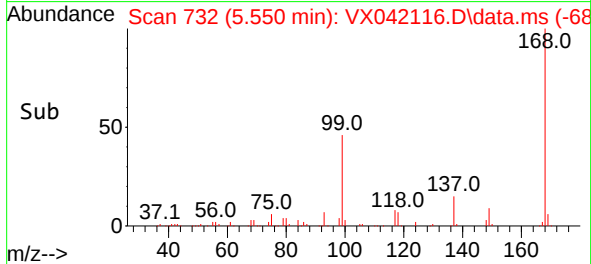
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



Tgt Ion:168 Resp: 14833
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0

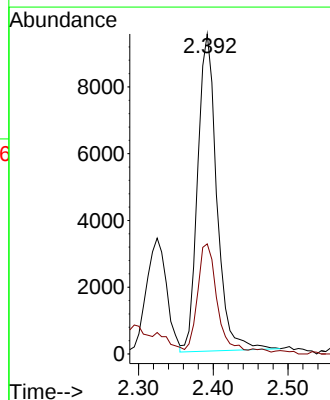
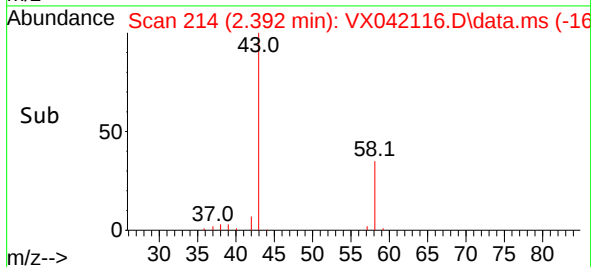
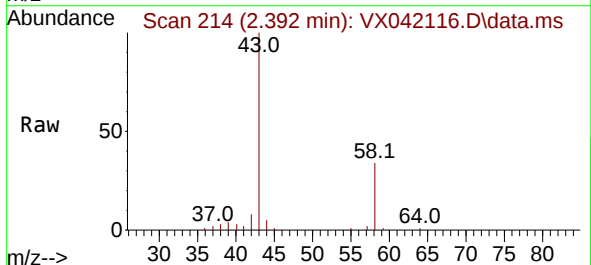
Manual Integrations
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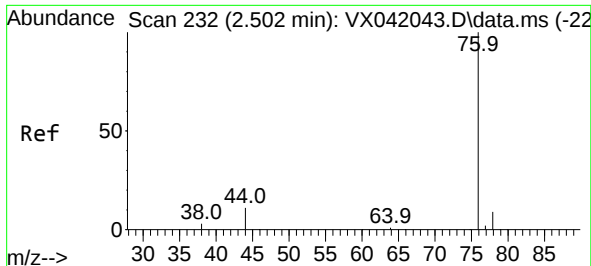
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#16
Acetone
Concen: 22.443 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

Tgt Ion: 43 Resp: 16856
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9





#17

Carbon Disulfide

Concen: 0.587 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042116.D

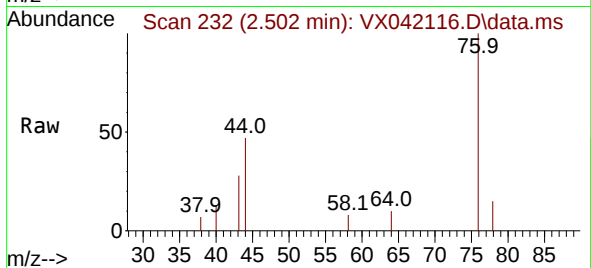
Acq: 01 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MW6-20240626



Tgt Ion: 76 Resp: 153

Ion Ratio Lower Upper

76 100

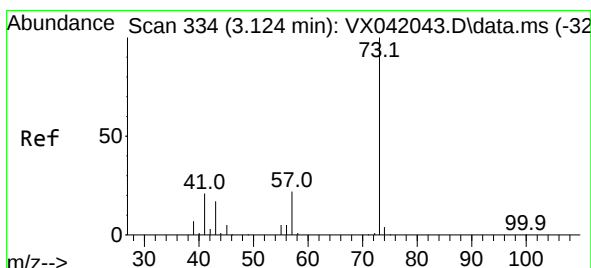
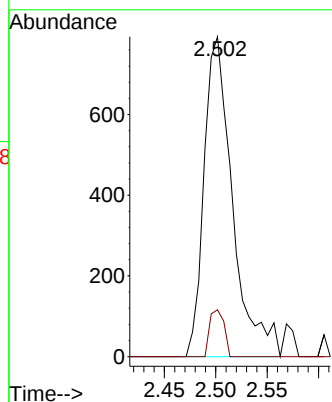
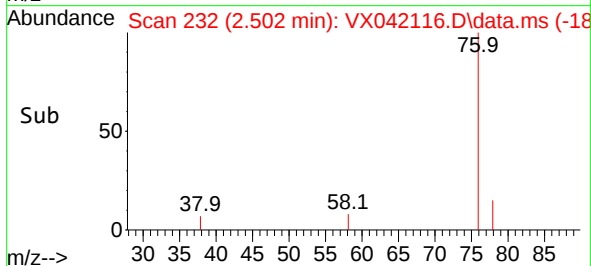
78 14.6 7.0 10.6

Manual Integrations

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#19

Methyl tert-butyl Ether

Concen: 12.875 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX042116.D

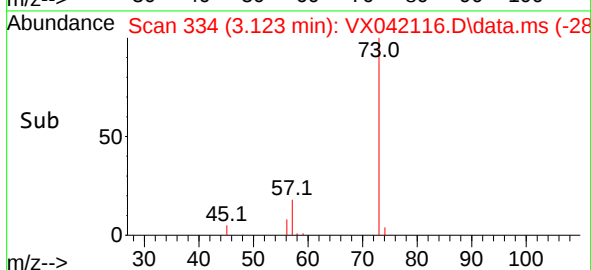
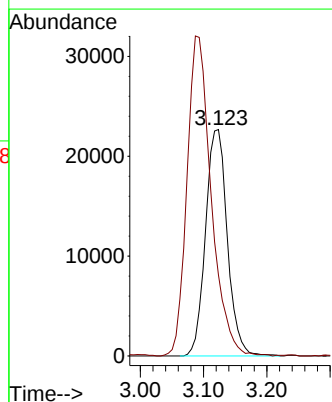
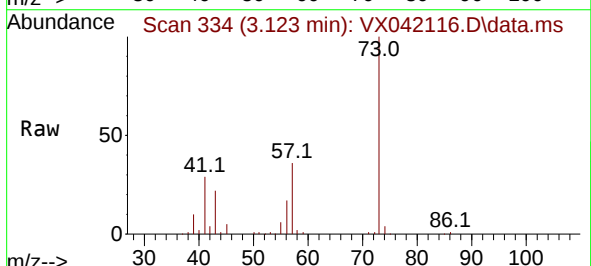
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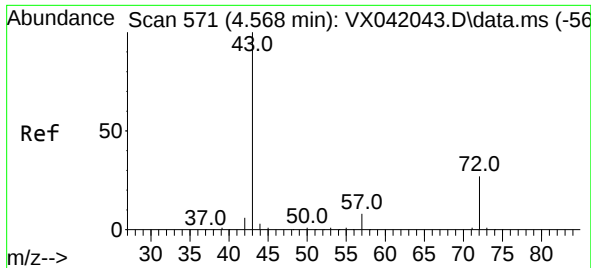
Tgt Ion: 73 Resp: 54418

Ion Ratio Lower Upper

73 100

57 35.6 17.3 25.9





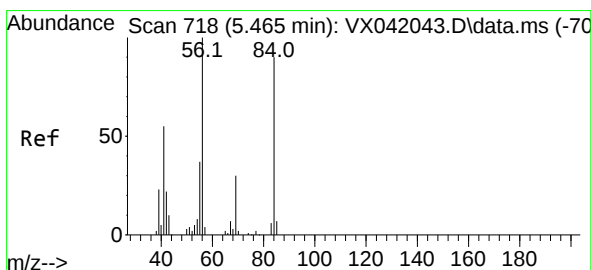
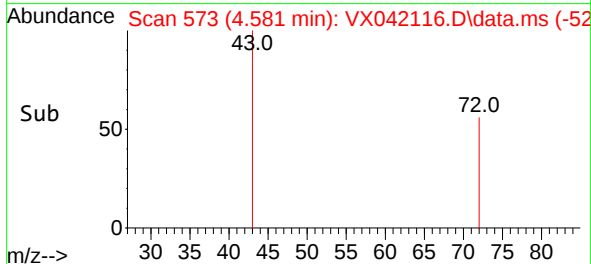
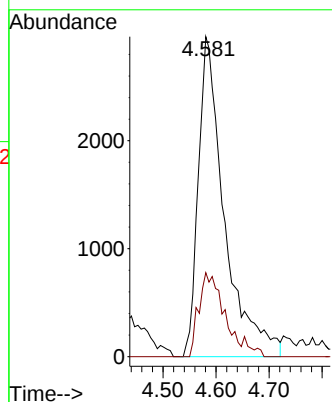
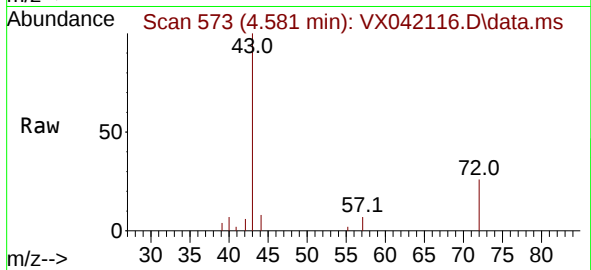
#25
2-Butanone
Concen: 8.681 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2

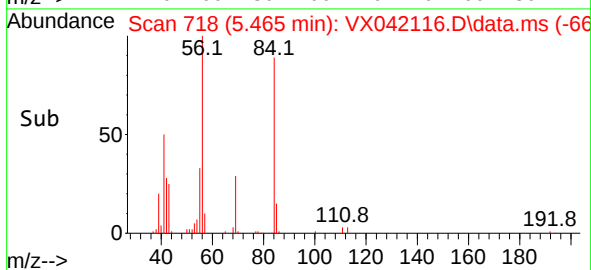
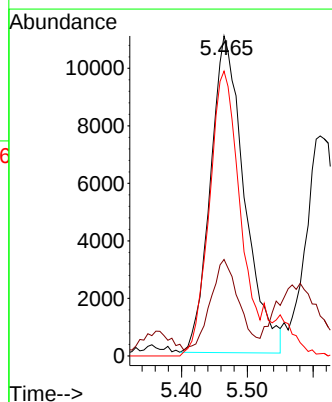
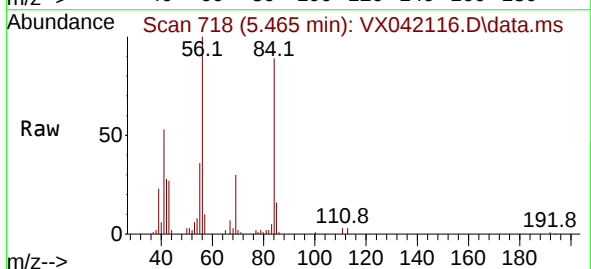
Manual Integrations
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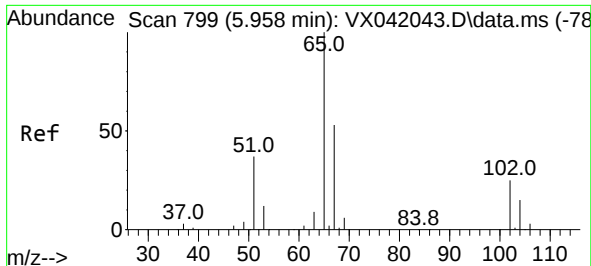
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#31
Cyclohexane
Concen: 19.811 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

Tgt Ion: 56 Resp: 39629
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.2
84 90.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 41.877 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042116.D

Acq: 01 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MW6-20240626

Tgt Ion: 65 Resp: 71628

Ion Ratio Lower Upper

65 100

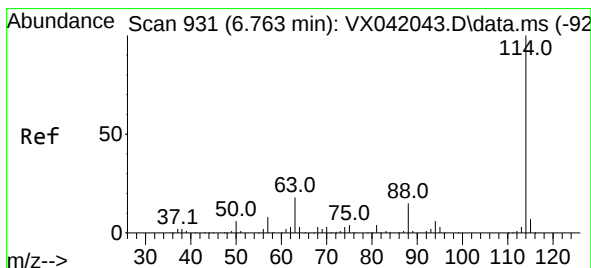
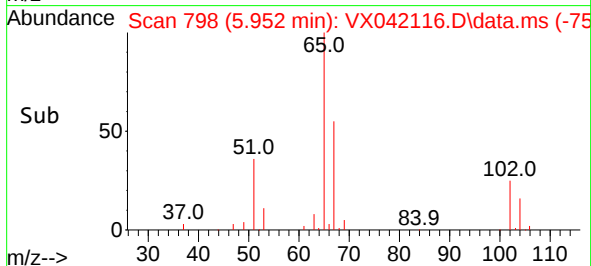
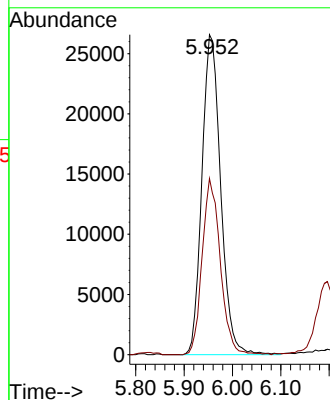
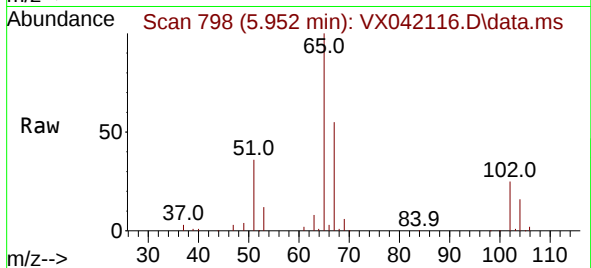
67 53.3 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042116.D

Acq: 01 Jul 2024 15:55

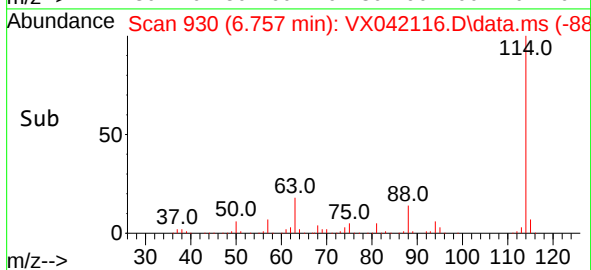
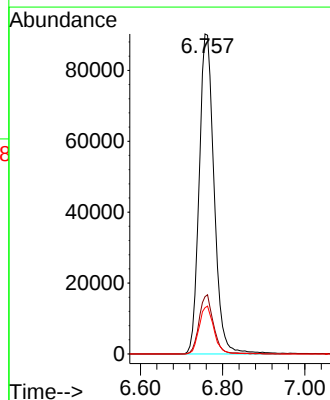
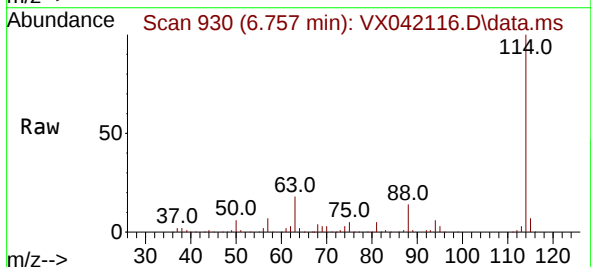
Tgt Ion:114 Resp: 227636

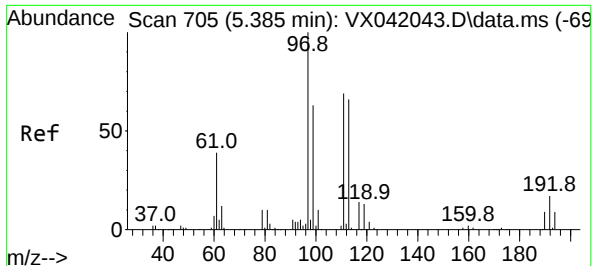
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

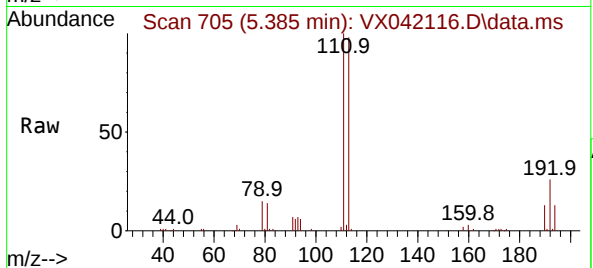
88 14.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 42.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

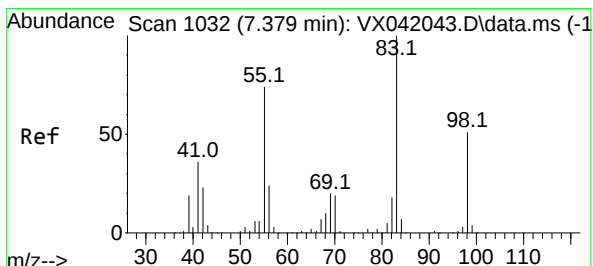
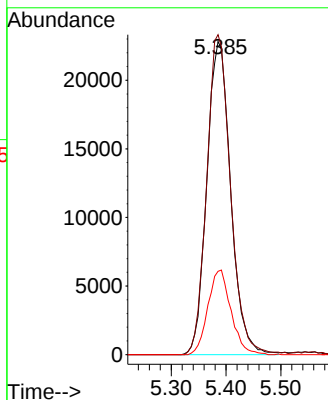
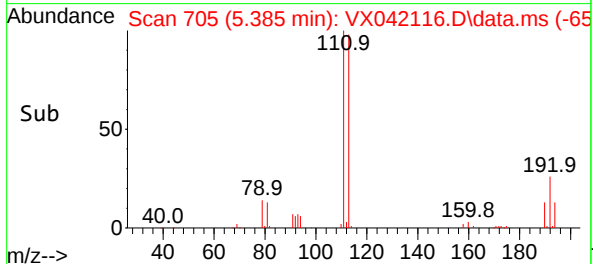
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



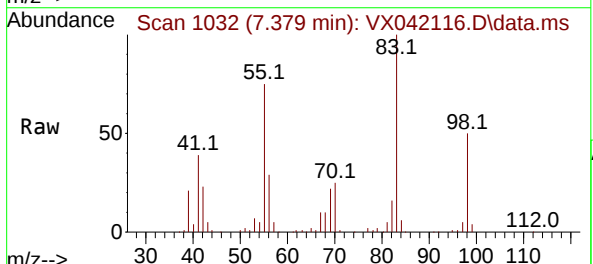
Tgt Ion: 113 Resp: 68989
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 26.2 13.3 19.9

Manual Integrations
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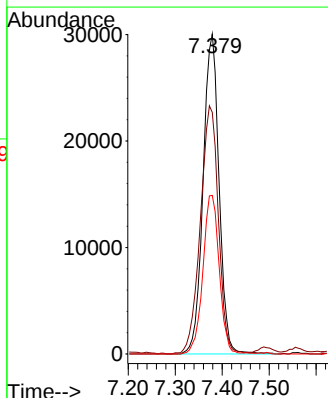
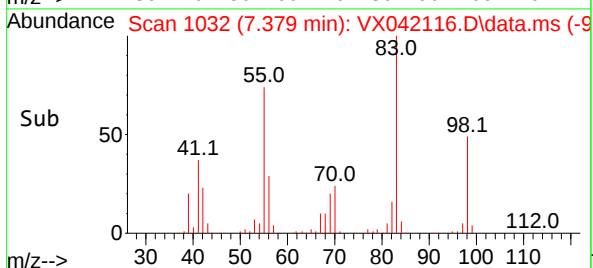
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

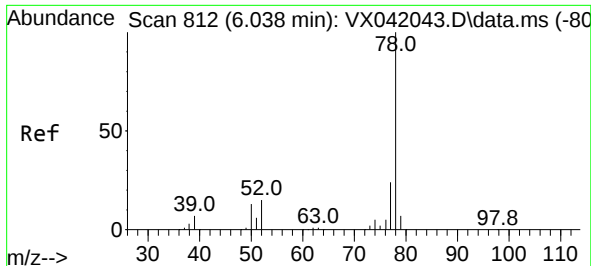


#39
Methylcyclohexane
Concen: 32.591 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55



Tgt Ion: 83 Resp: 70694
Ion Ratio Lower Upper
83 100
55 75.2 64.6 97.0
98 49.5 36.7 55.1





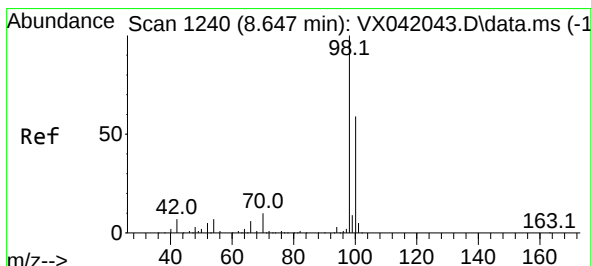
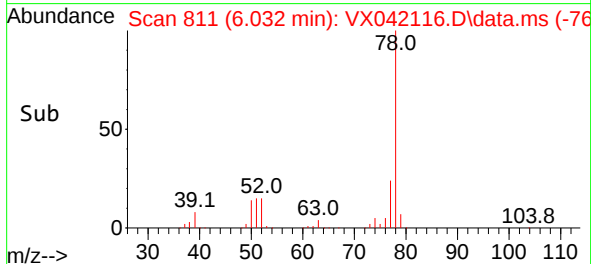
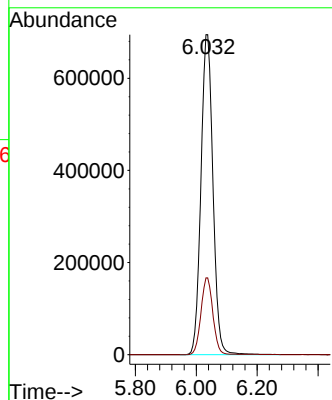
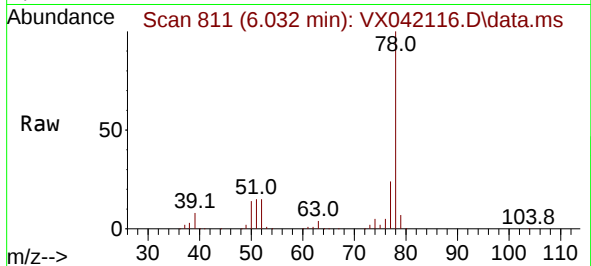
#40
Benzene
Concen: 327.701 ug/l
RT: 6.032 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626

Tgt Ion: 78 Resp: 189565
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

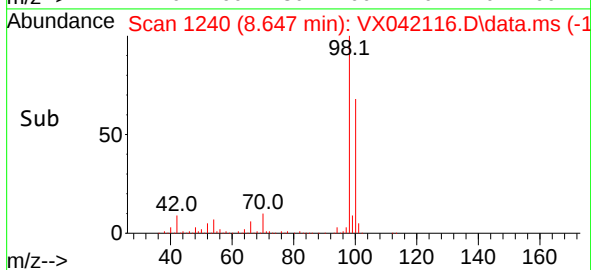
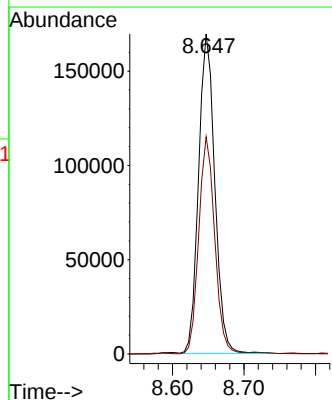
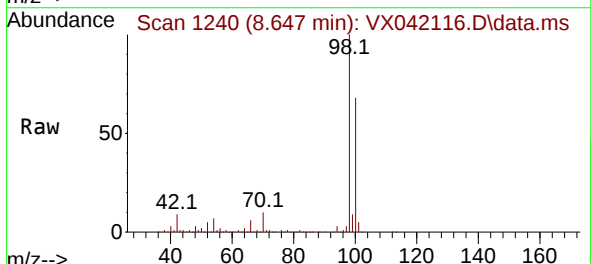
Manual Integrations
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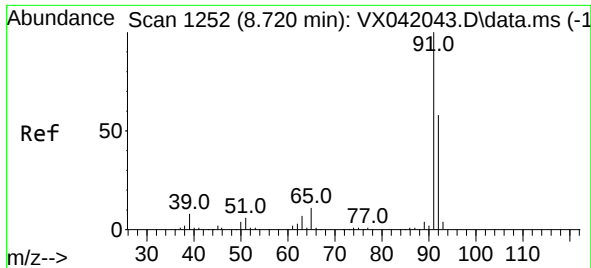
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#50
Toluene-d8
Concen: 47.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

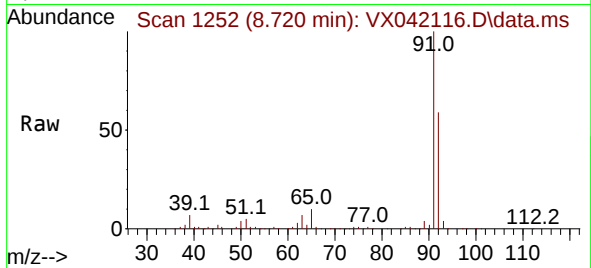
Tgt Ion: 98 Resp: 267175
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#52
Toluene
Concen: 85.011 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

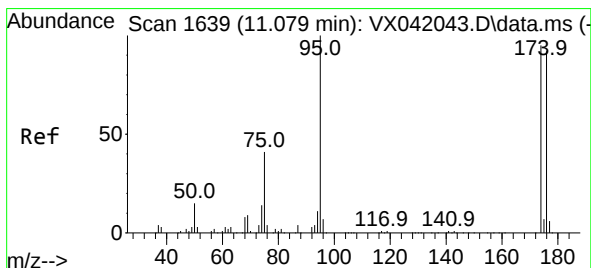
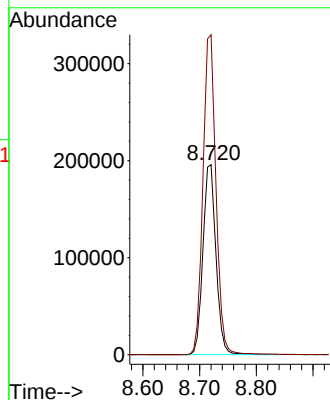
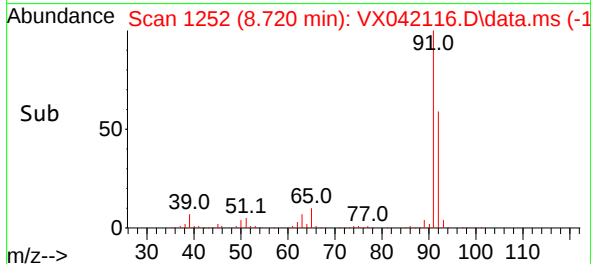
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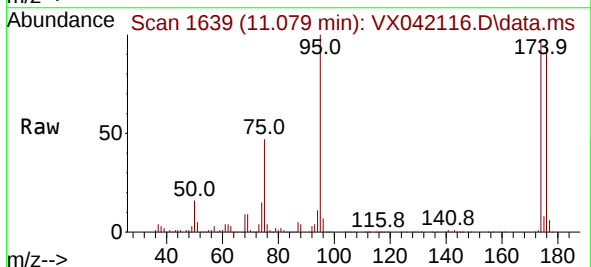
Tgt Ion: 92 Resp: 31314
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2

Manual Integrations
APPROVED

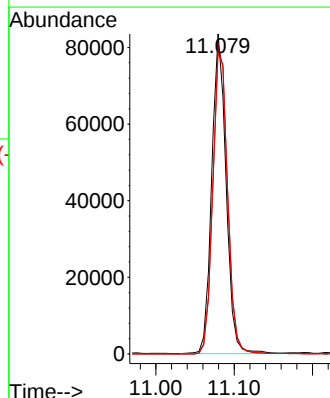
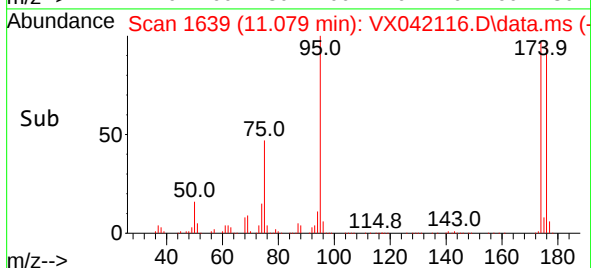
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

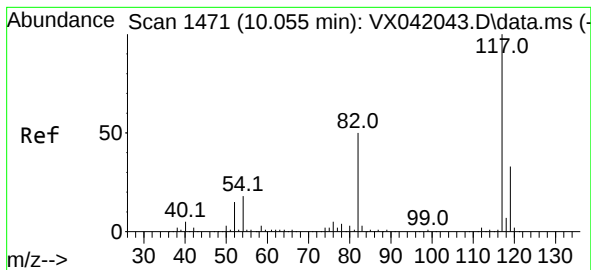


#62
4-Bromofluorobenzene
Concen: 50.696 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55



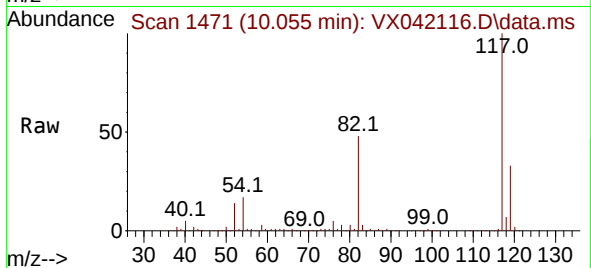
Tgt Ion: 95 Resp: 106039
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 97.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

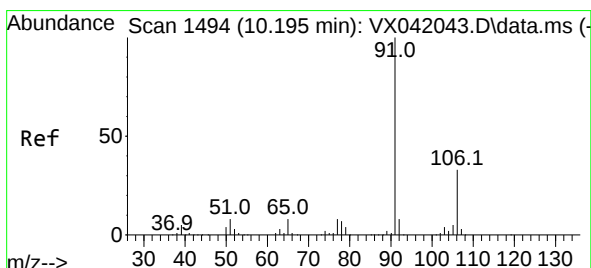
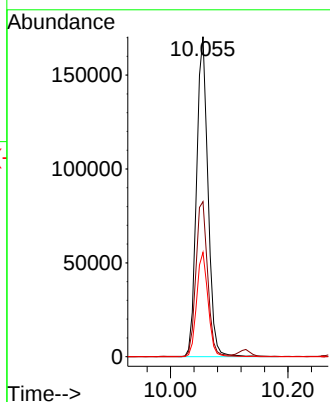
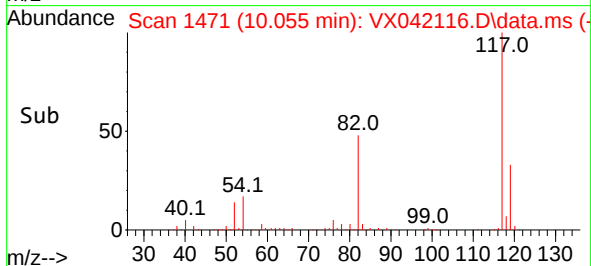
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



Tgt Ion:117 Resp: 230848
Ion Ratio Lower Upper
117 100
82 48.3 46.2 69.4
119 32.6 25.5 38.3

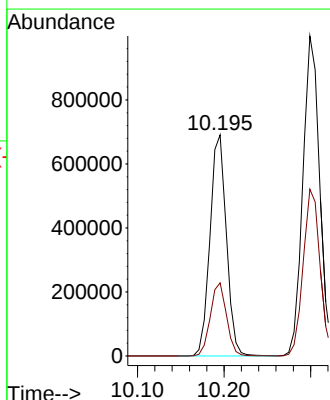
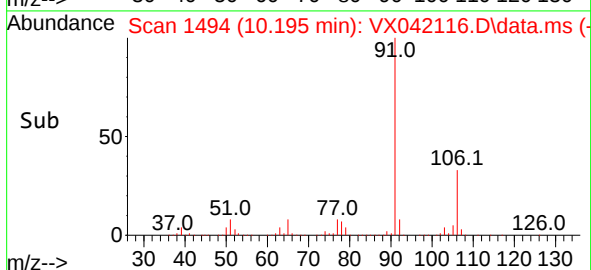
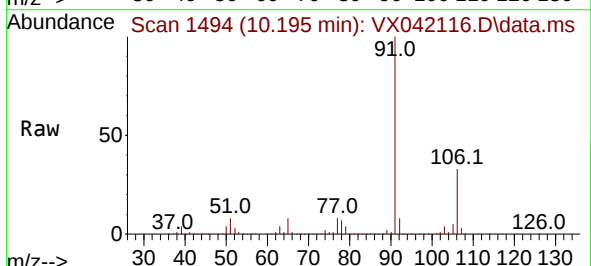
Manual Integrations
APPROVED

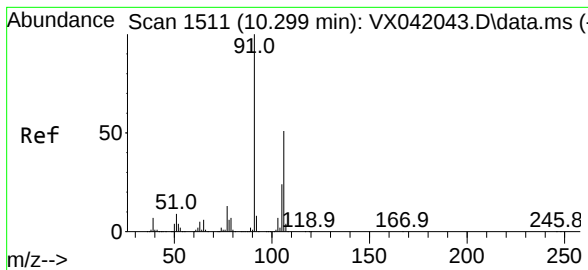
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#67
Ethyl Benzene
Concen: 120.587 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

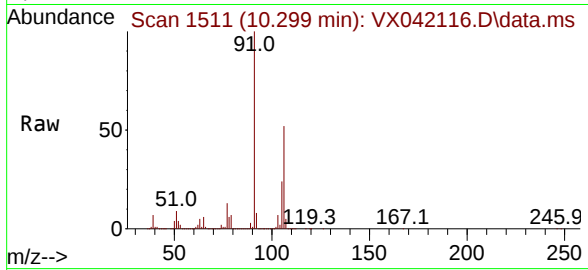
Tgt Ion: 91 Resp: 907305
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3





#68
m/p-Xylenes
Concen: 231.941 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

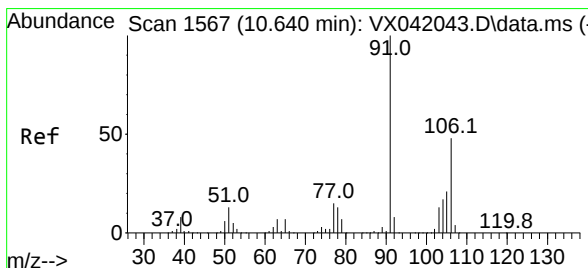
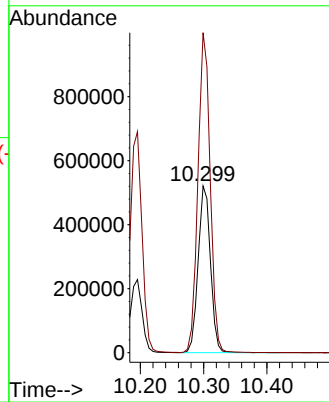
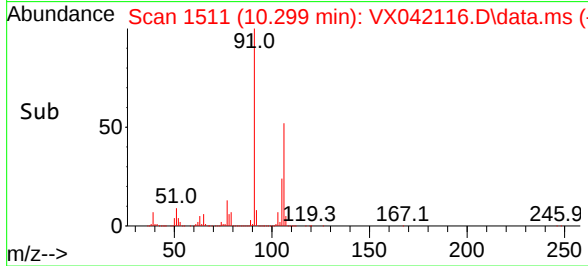
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



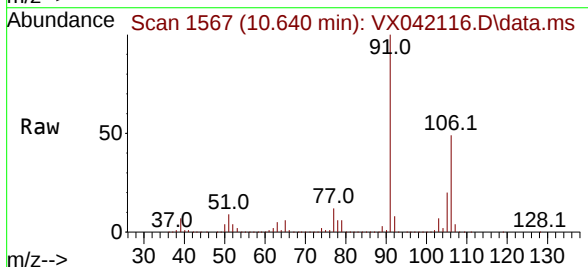
Tgt Ion:106 Resp: 704460
Ion Ratio Lower Upper
106 100
91 190.9 165.5 248.3

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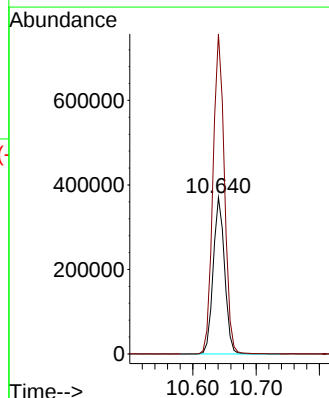
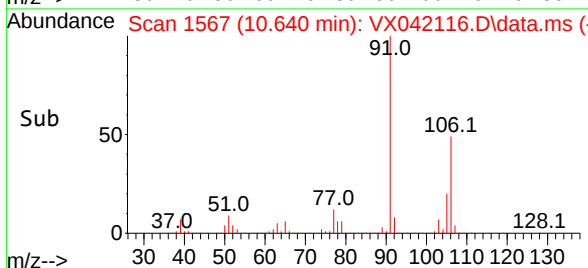
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

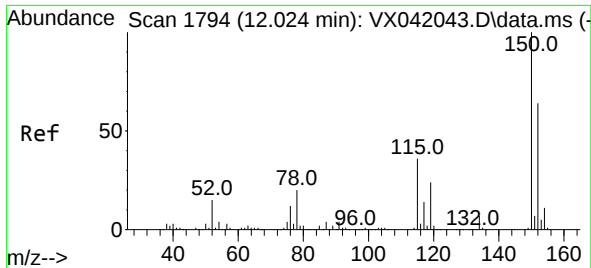


#69
o-Xylene
Concen: 154.282 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55



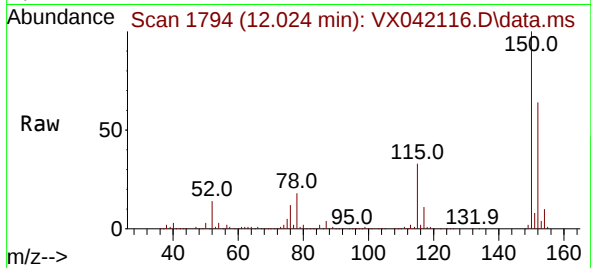
Tgt Ion:106 Resp: 463929
Ion Ratio Lower Upper
106 100
91 205.7 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

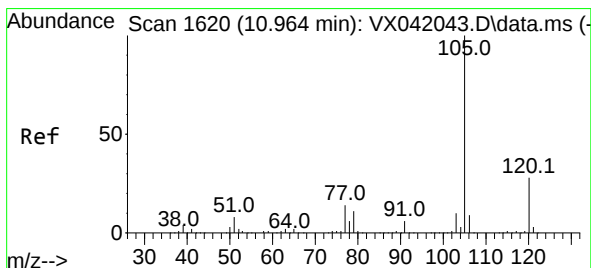
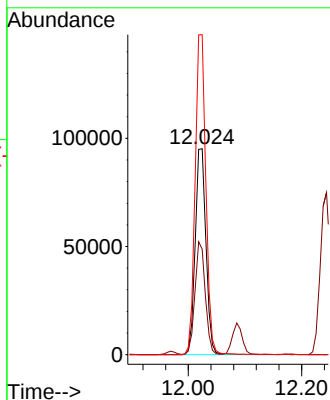
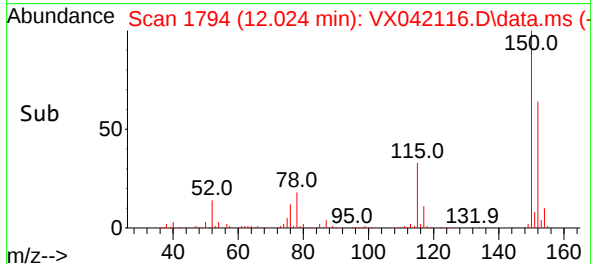
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



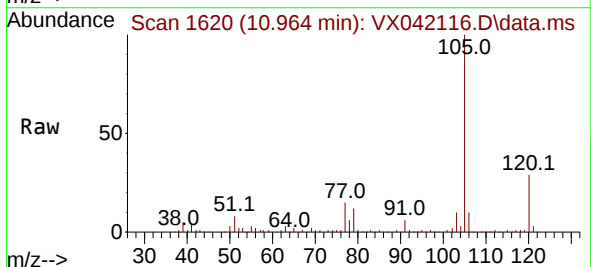
Tgt Ion:152 Resp: 125168
Ion Ratio Lower Upper
152 100
115 52.4 43.3 129.9
150 155.1 0.0 345.0

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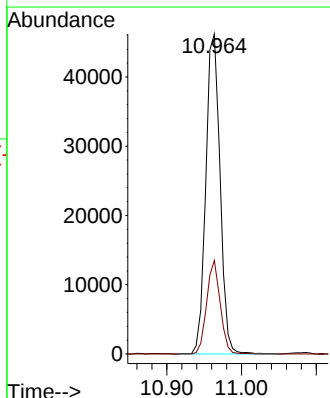
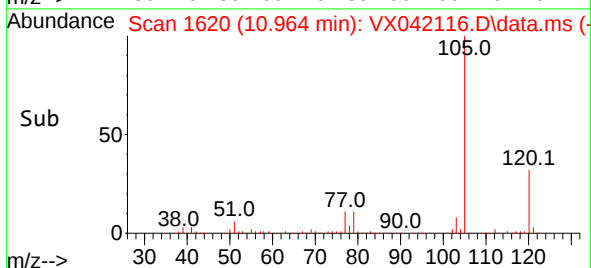
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

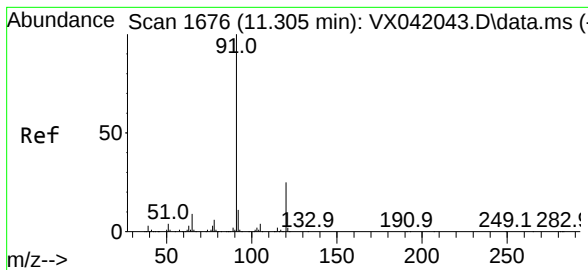


#73
Isopropylbenzene
Concen: 8.033 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55



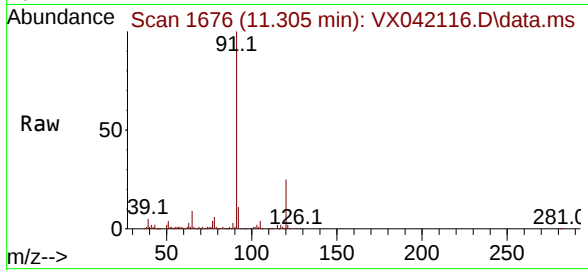
Tgt Ion:105 Resp: 61140
Ion Ratio Lower Upper
105 100
120 27.7 12.9 38.6





#78
n-propylbenzene
Concen: 10.537 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

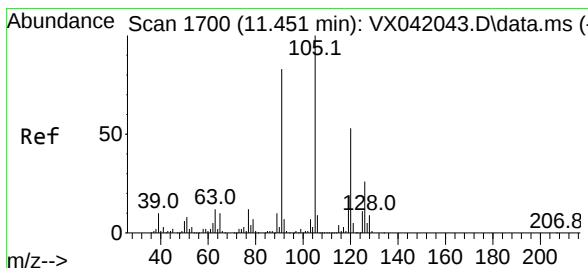
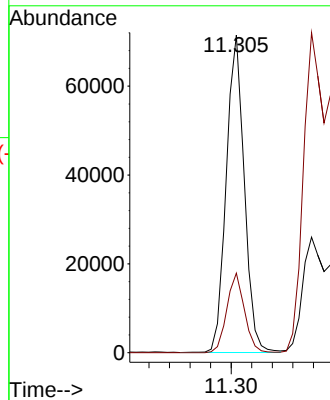
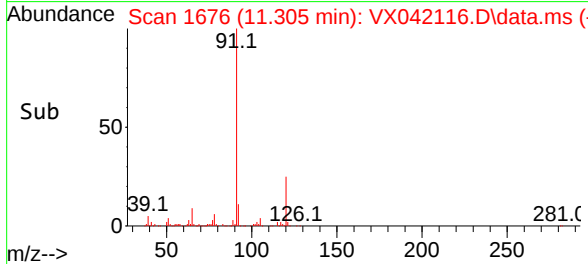
Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



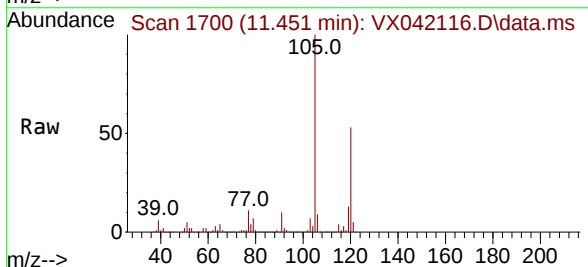
Tgt Ion: 91 Resp: 87009
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4

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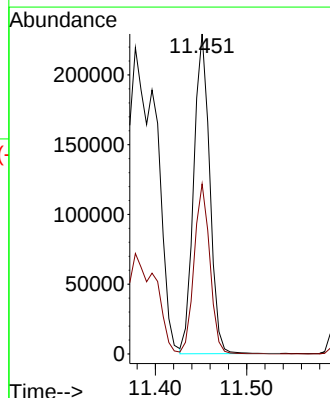
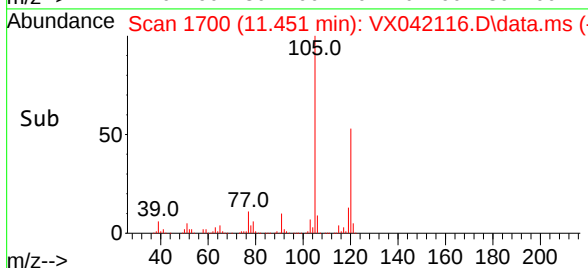
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

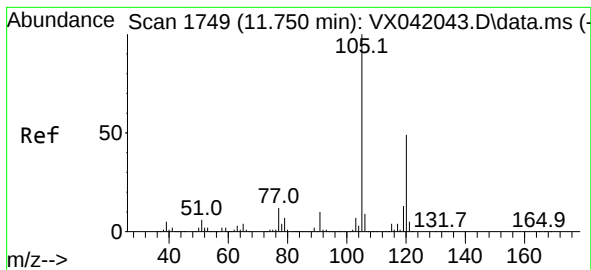


#80
1,3,5-Trimethylbenzene
Concen: 43.940 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55



Tgt Ion:105 Resp: 278545
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 182.692 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042116.D

Acq: 01 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MW6-20240626

Tgt Ion:105 Resp: 1161890

Ion Ratio Lower Upper

105 100

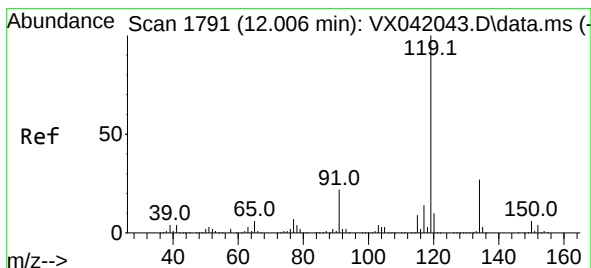
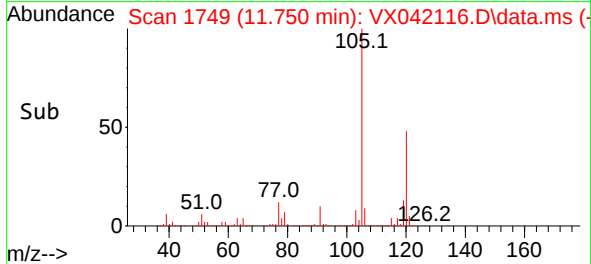
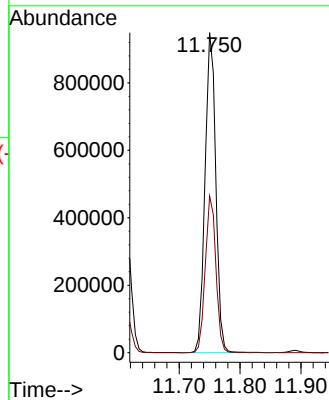
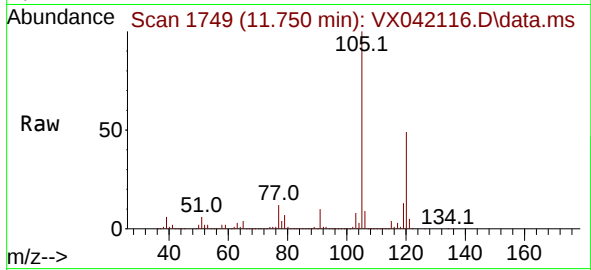
120 48.5 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#86

p-Isopropyltoluene

Concen: 1.376 ug/l m

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX042116.D

Acq: 01 Jul 2024 15:55

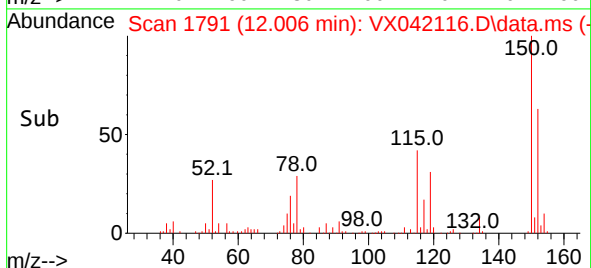
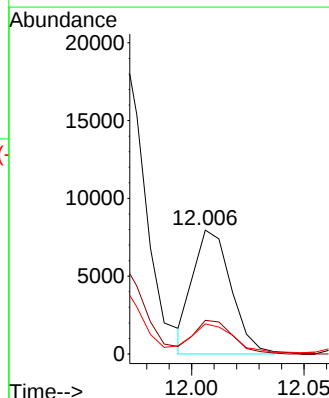
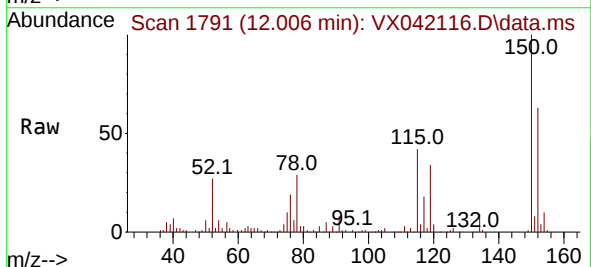
Tgt Ion:119 Resp: 9456

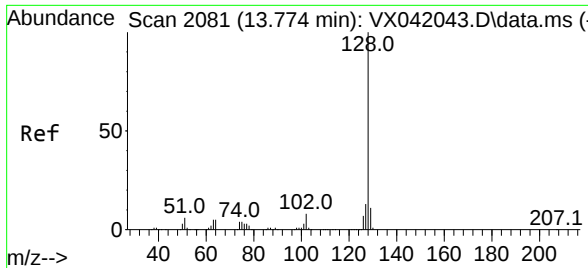
Ion Ratio Lower Upper

119 100

134 75.8 12.8 38.3#

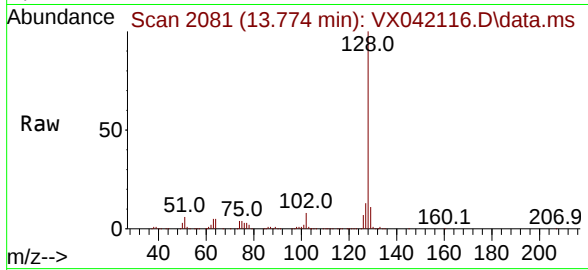
91 52.5 13.1 39.3#





#95
Naphthalene
Concen: 32.354 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042116.D
Acq: 01 Jul 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626



Tgt Ion:128 Resp: 28794
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

