

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035447.D
 Acq On : 01 May 2023 17:51
 Operator : JC/MD
 Sample : 02522-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

Quant Time: May 02 00:03:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	249903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145684	48.321	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.640%		
35) Dibromofluoromethane	5.385	113	124713	49.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	8.647	98	482850	50.986	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.980%		
62) 4-Bromofluorobenzene	11.079	95	188741	52.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.960%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	6441	4.919	ug/l	96
17) Carbon Disulfide	2.514	76	4383	0.753	ug/l #	95
19) Methyl tert-butyl Ether	3.111	73	23708	2.847	ug/l	92
39) Methylcyclohexane	7.379	83	103040	21.595	ug/l	98
40) Benzene	6.038	78	69395	6.171	ug/l	97
44) Trichloroethene	7.123	130	726	0.234	ug/l	99
52) Toluene	8.720	92	22601	3.171	ug/l	100
67) Ethyl Benzene	10.195	91	4698549	333.071	ug/l	96
68) m/p-Xylenes	10.305	106	148887	27.544	ug/l	99
69) o-Xylene	10.640	106	153073	28.879	ug/l	99
73) Isopropylbenzene	10.964	105	1373292	101.334	ug/l	99
78) n-propylbenzene	11.305	91	1495211	96.067	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	801956	70.181	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4709124	410.148	ug/l	95
86) p-Isopropyltoluene	12.012	119	143437m	11.992	ug/l	

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

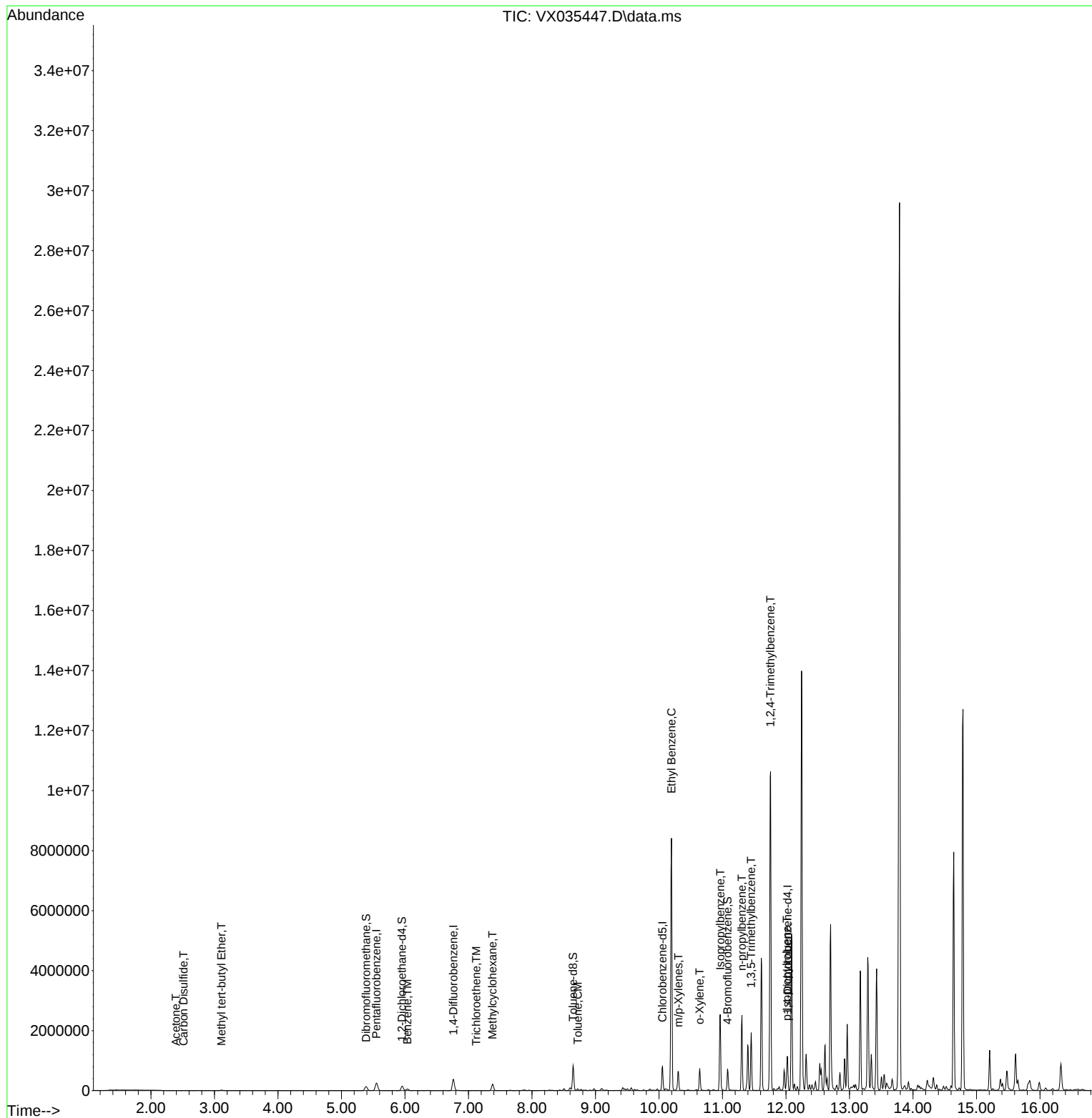
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
Data File : VX035447.D
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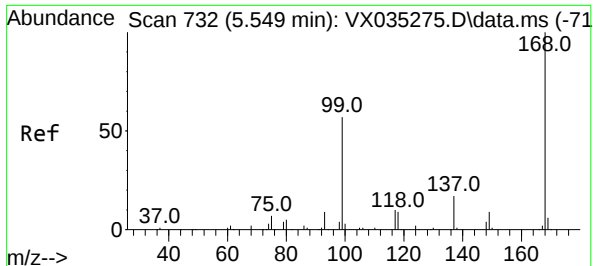
Instrument :
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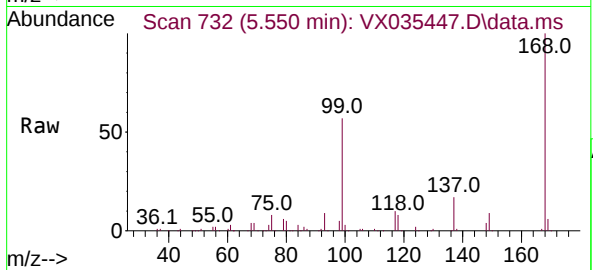
Quant Time: May 02 00:03:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

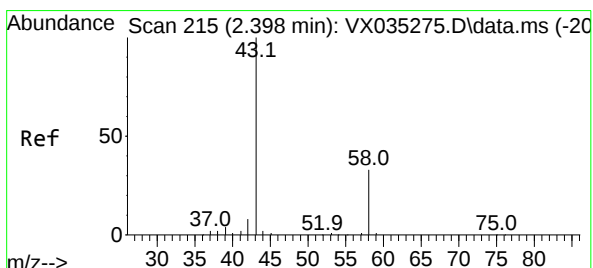
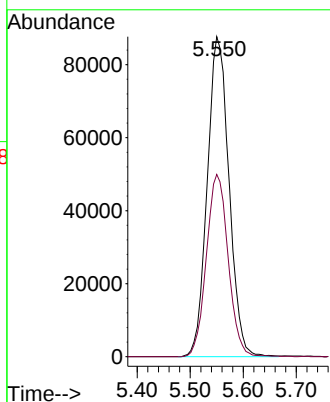
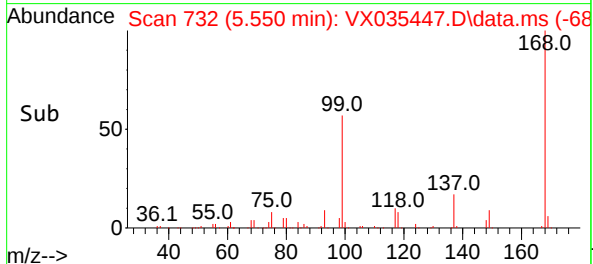
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:168 Resp: 24990
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5

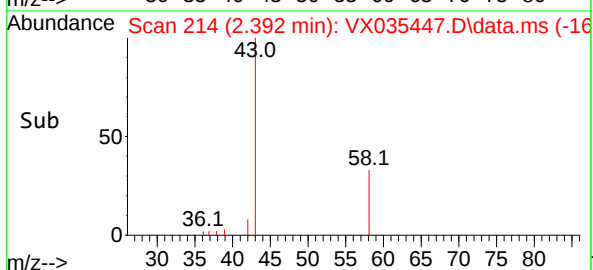
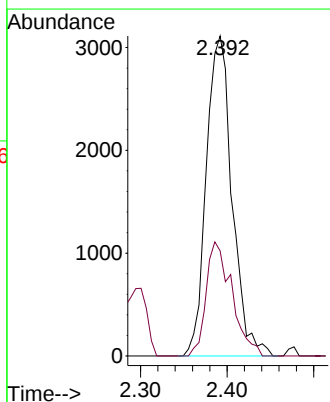
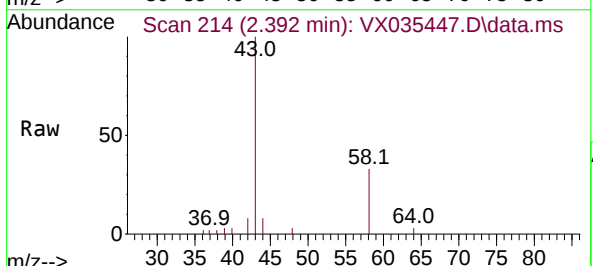
Manual Integrations
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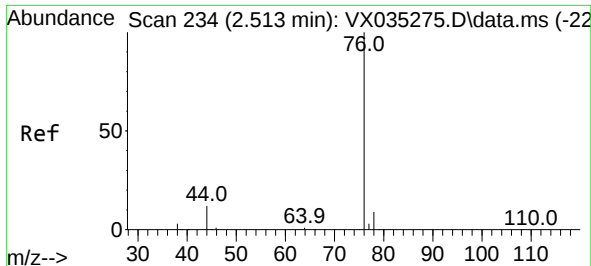
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#16
Acetone
Concen: 4.919 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

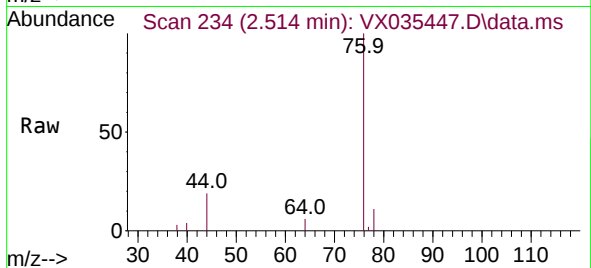
Tgt Ion: 43 Resp: 6441
Ion Ratio Lower Upper
43 100
58 32.9 24.7 37.1





#17
Carbon Disulfide
Concen: 0.753 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

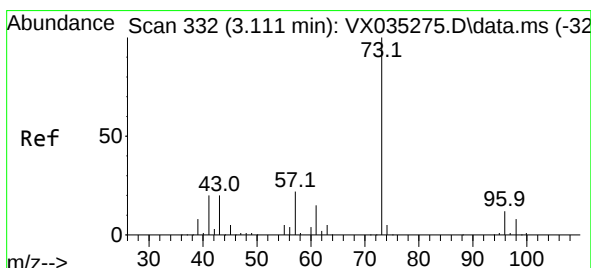
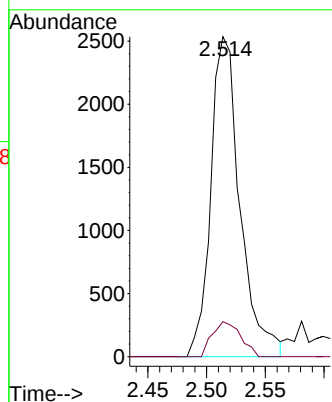
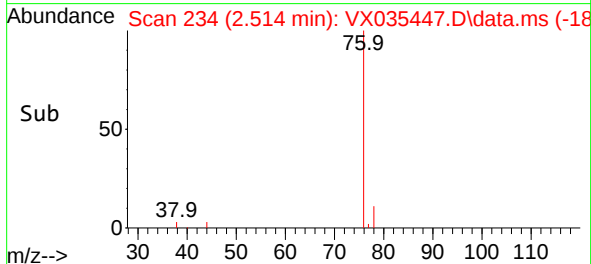
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 76 Resp: 438
Ion Ratio Lower Upper
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78 11.0 7.2 10.8

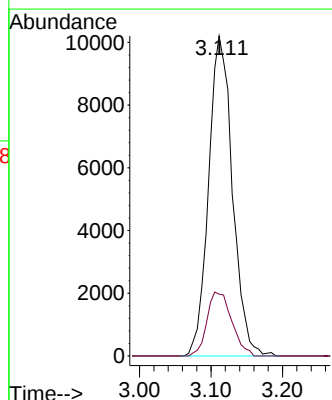
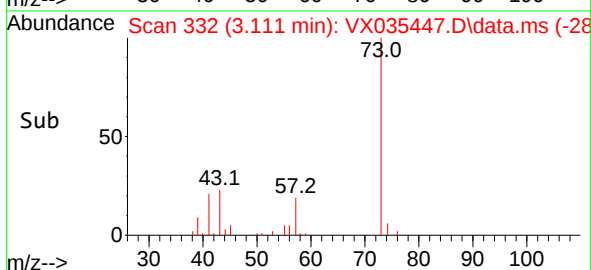
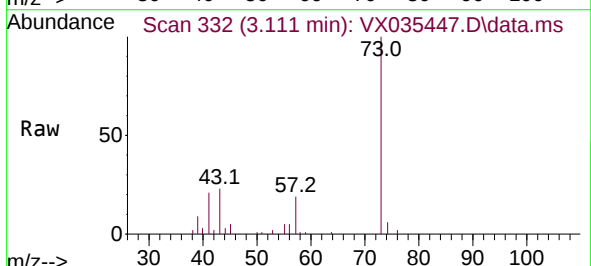
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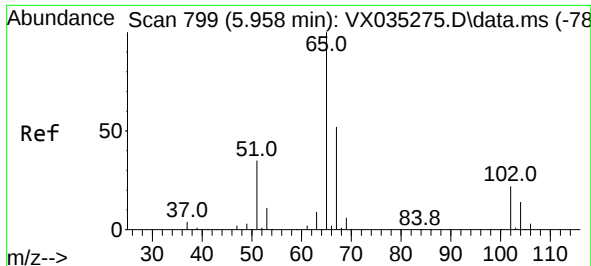
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#19
Methyl tert-butyl Ether
Concen: 2.847 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

Tgt Ion: 73 Resp: 23708
Ion Ratio Lower Upper
73 100
57 19.3 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 48.321 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035447.D

Acq: 01 May 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion: 65 Resp: 145684

Ion Ratio Lower Upper

65 100

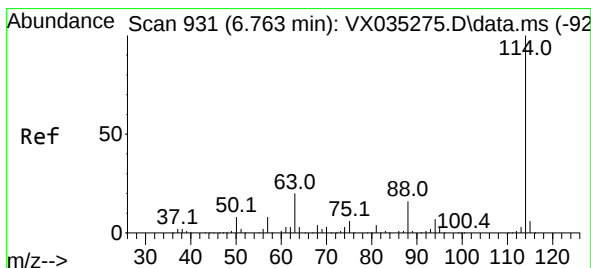
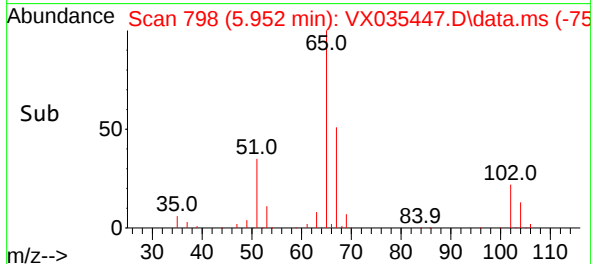
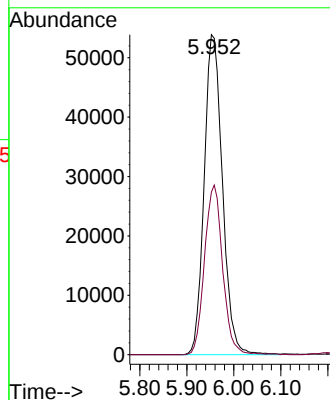
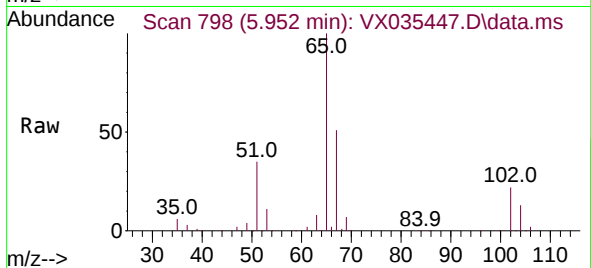
67 52.5 0.0 104.0

Manual Integrations

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Supervised By :Mahesh Dadoda 05/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035447.D

Acq: 01 May 2023 17:51

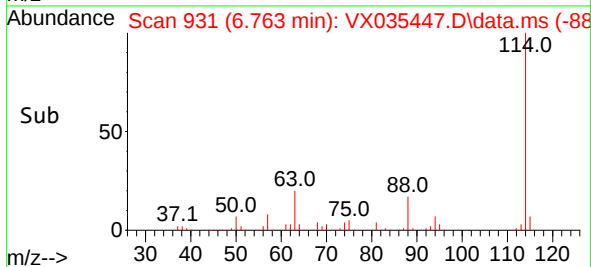
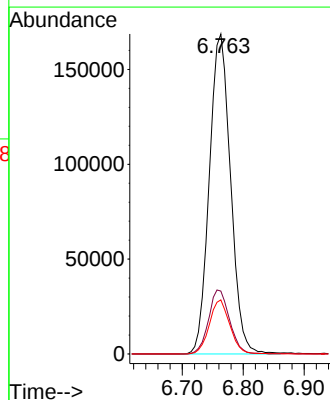
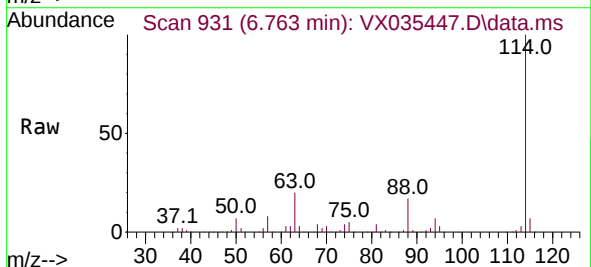
Tgt Ion:114 Resp: 409021

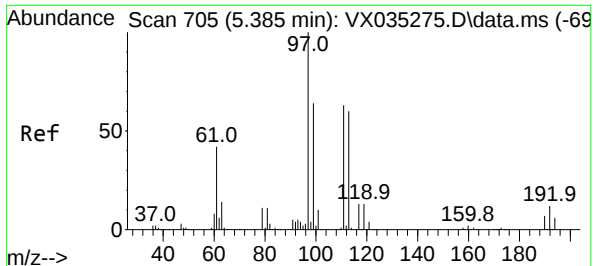
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

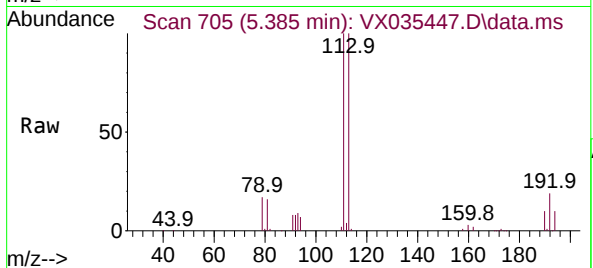
88 16.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.678 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

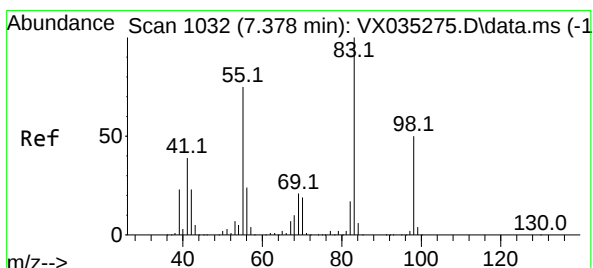
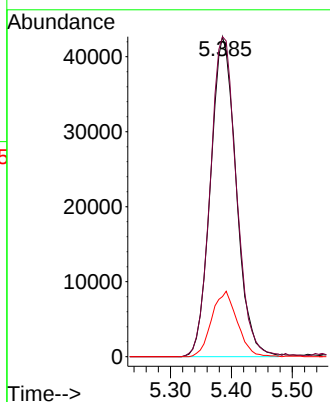
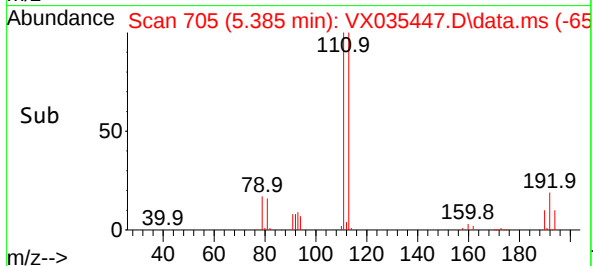
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:113 Resp: 124711
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.4 15.4 23.2

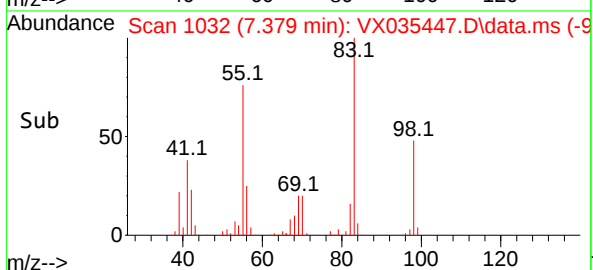
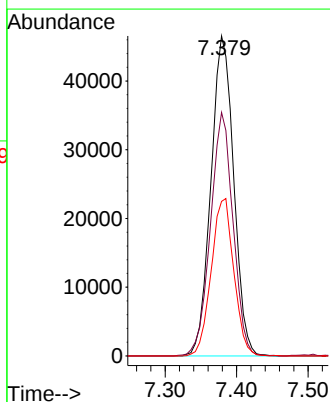
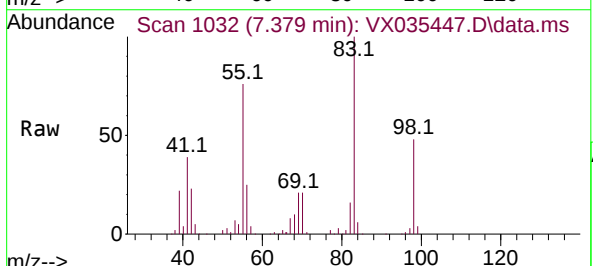
Manual Integrations
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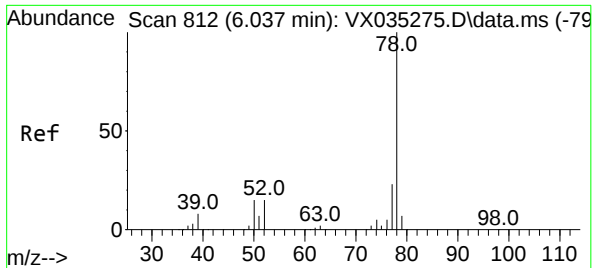
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#39
Methylcyclohexane
Concen: 21.595 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

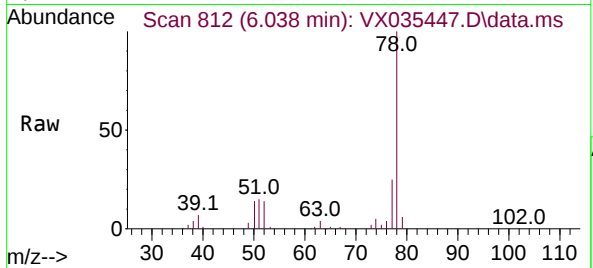
Tgt Ion: 83 Resp: 103040
Ion Ratio Lower Upper
83 100
55 76.1 60.5 90.7
98 48.3 40.4 60.6





#40
Benzene
Concen: 6.171 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

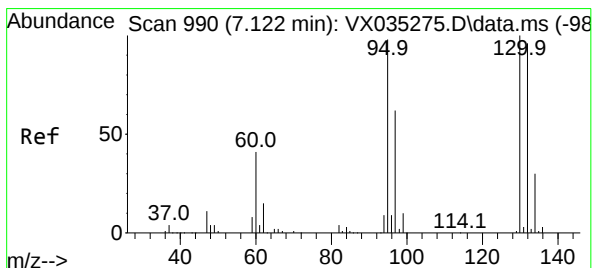
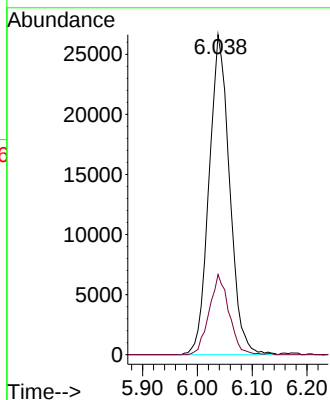
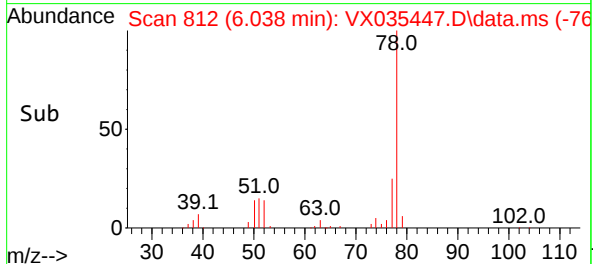
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion: 78 Resp: 6939
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4

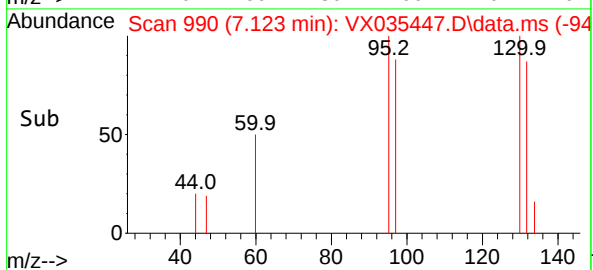
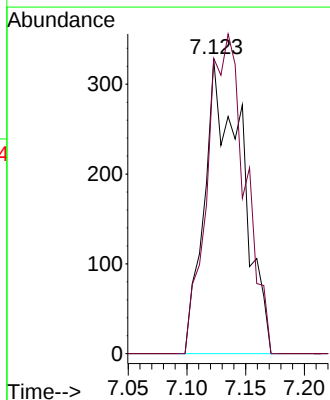
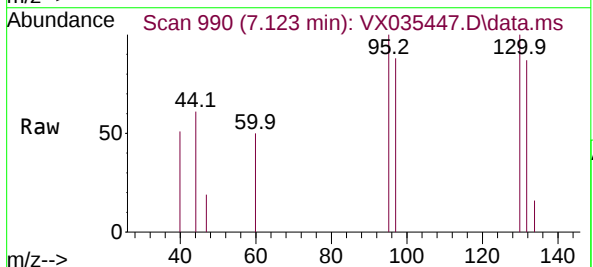
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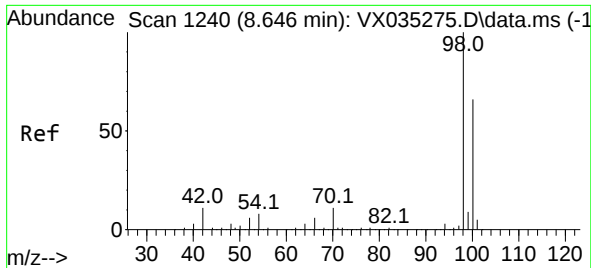
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#44
Trichloroethene
Concen: 0.234 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

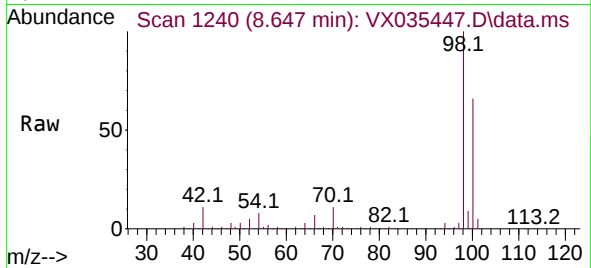
Tgt Ion:130 Resp: 726
Ion Ratio Lower Upper
130 100
95 100.3 0.0 198.4





#50
Toluene-d8
Concen: 50.986 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

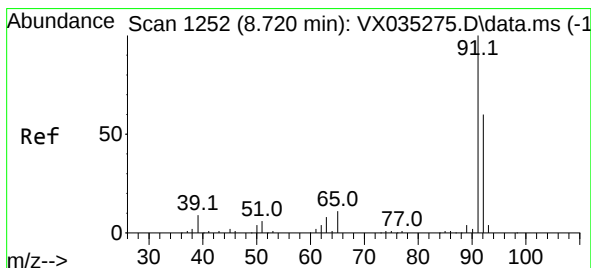
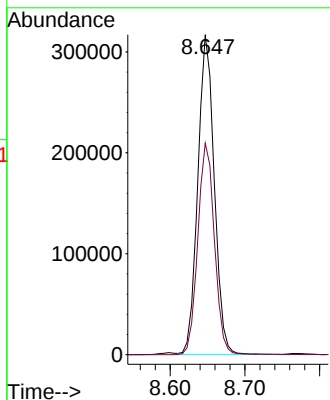
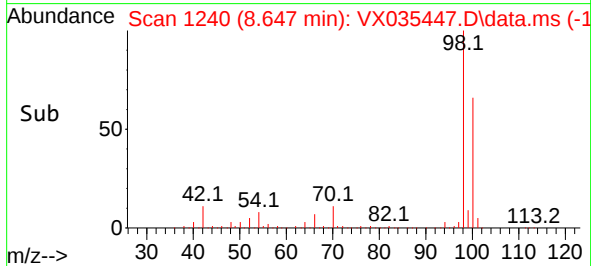
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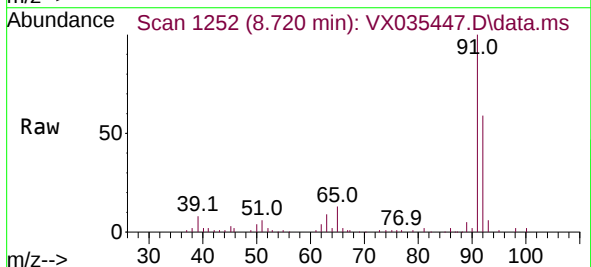
Tgt Ion: 98 Resp: 482850
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

Manual Integrations
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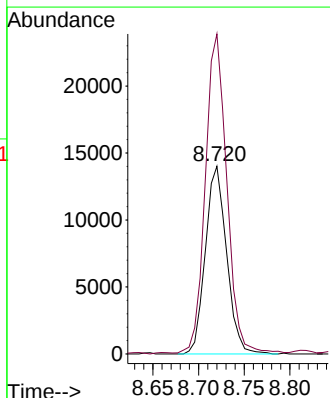
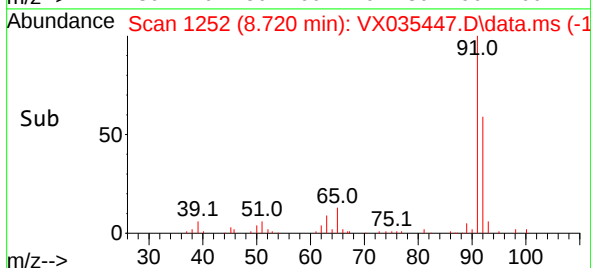
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

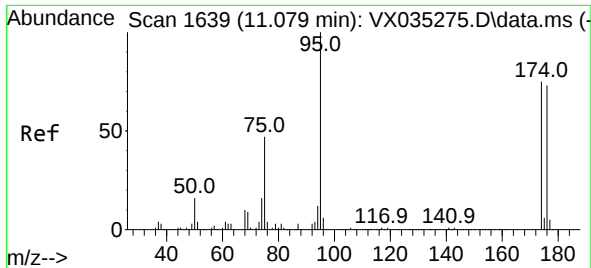


#52
Toluene
Concen: 3.171 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51



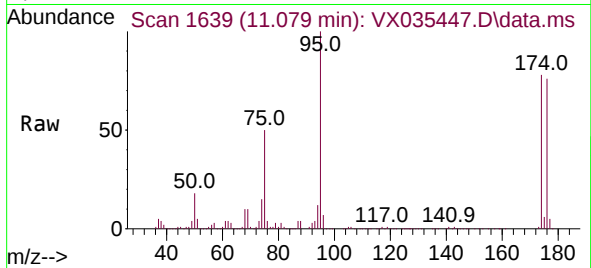
Tgt Ion: 92 Resp: 22601
Ion Ratio Lower Upper
92 100
91 170.9 136.8 205.2





#62
4-Bromofluorobenzene
Concen: 52.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

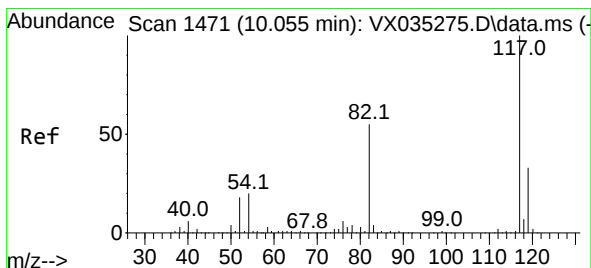
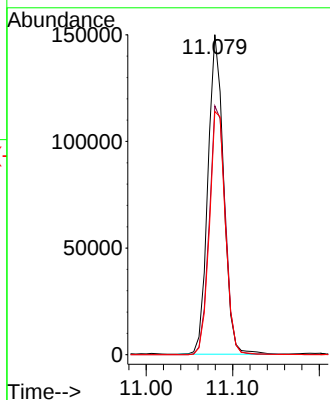
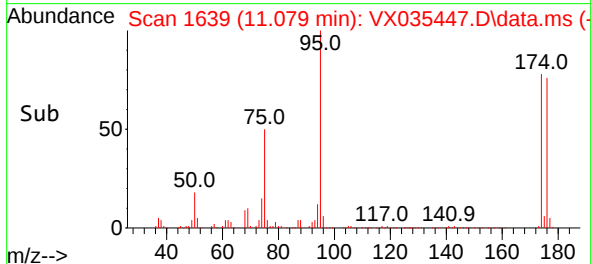
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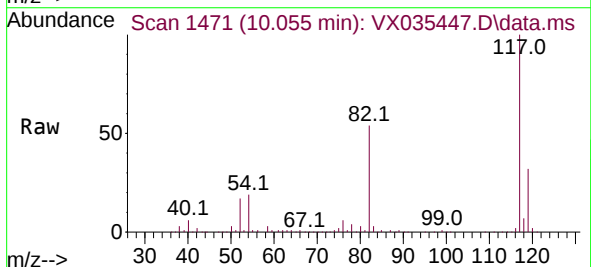
Tgt Ion: 95 Resp: 18874
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 77.3 0.0 140.6

Manual Integrations
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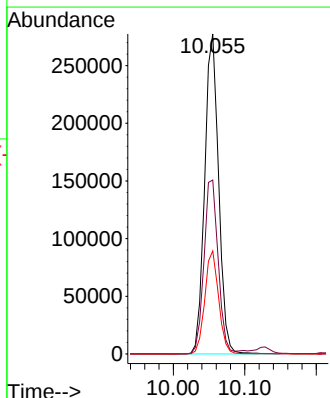
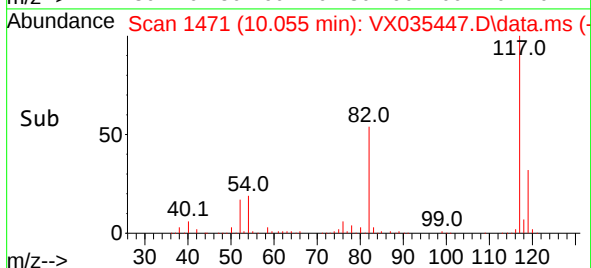
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

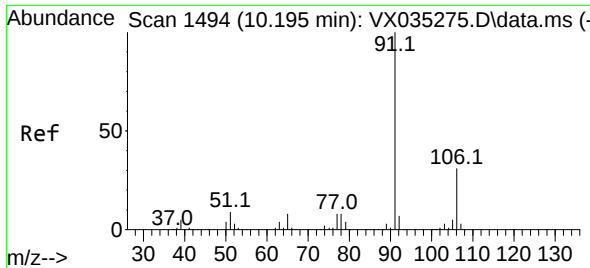


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51



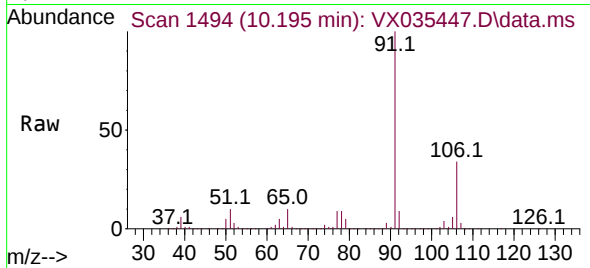
Tgt Ion:117 Resp: 376506
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.2 26.0 39.0





#67
Ethyl Benzene
Concen: 333.071 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

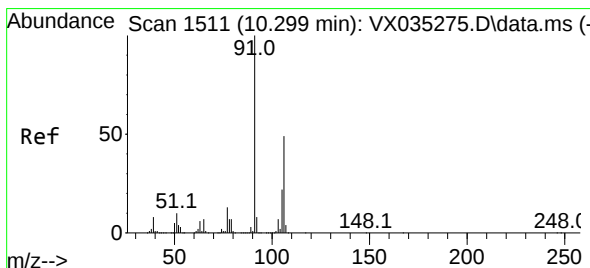
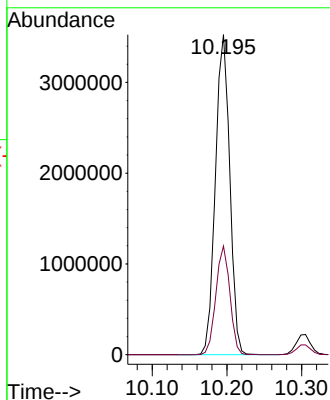
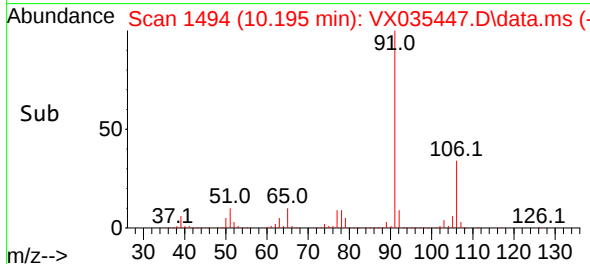
Instrument :
MSVOA_X
ClientSampleId :
MW-12



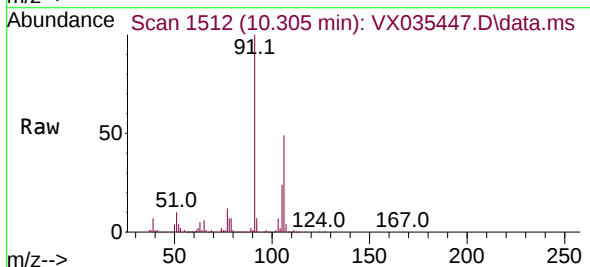
Tgt Ion: 91 Resp: 4698549
Ion Ratio Lower Upper
91 100
106 34.0 25.6 38.4

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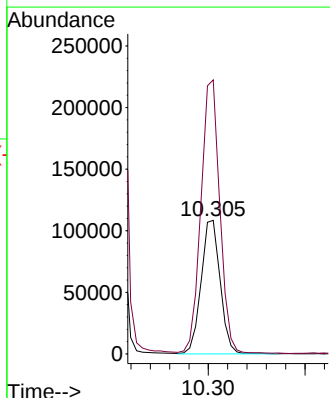
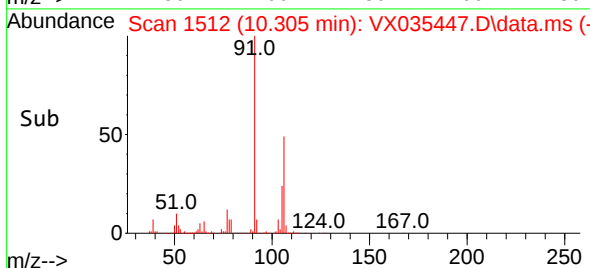
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

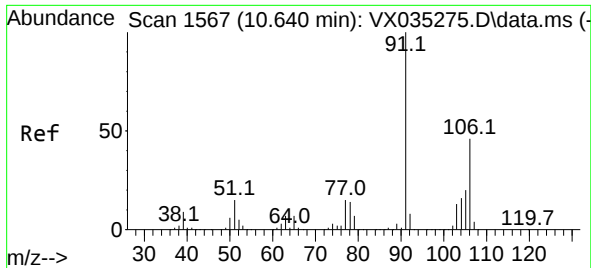


#68
m/p-Xylenes
Concen: 27.544 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51



Tgt Ion:106 Resp: 148887
Ion Ratio Lower Upper
106 100
91 203.8 164.0 246.0





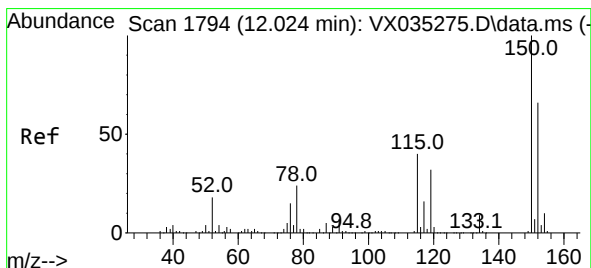
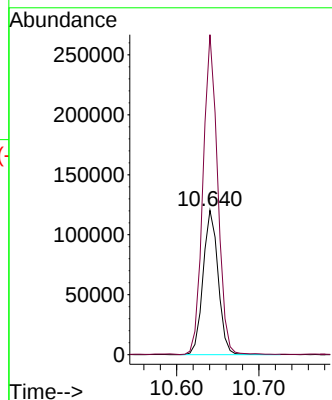
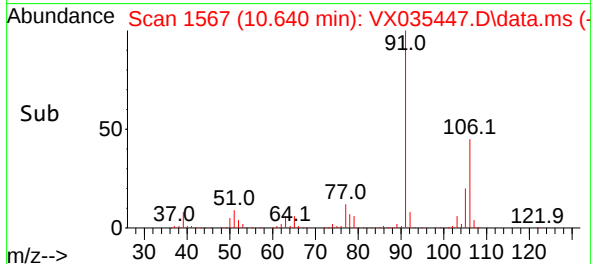
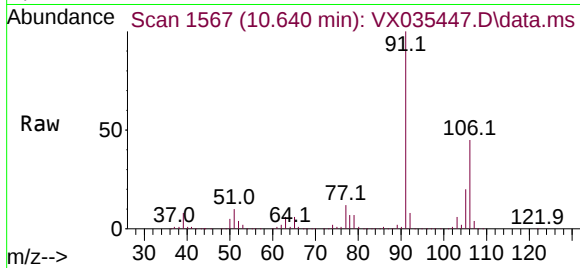
#69
o-Xylene
Concen: 28.879 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:106 Resp: 15307
Ion Ratio Lower Upper
106 100
91 215.7 108.5 325.3

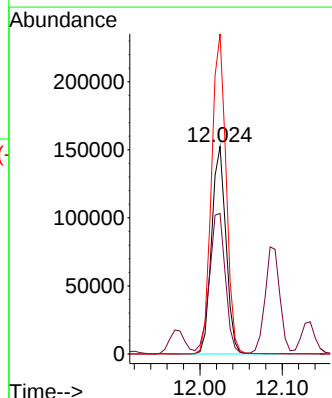
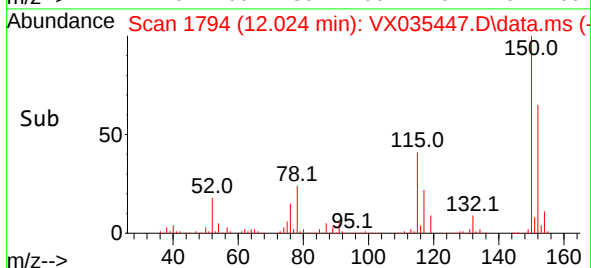
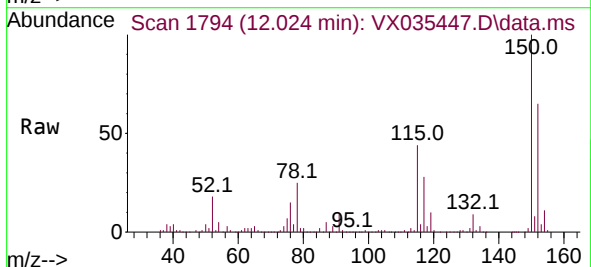
Manual Integrations
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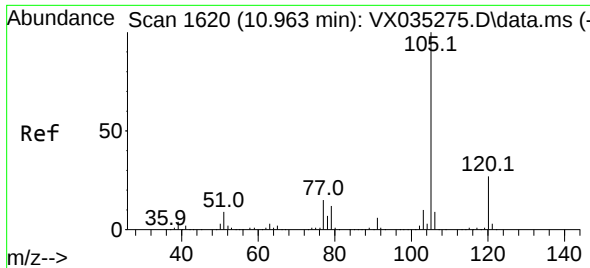
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

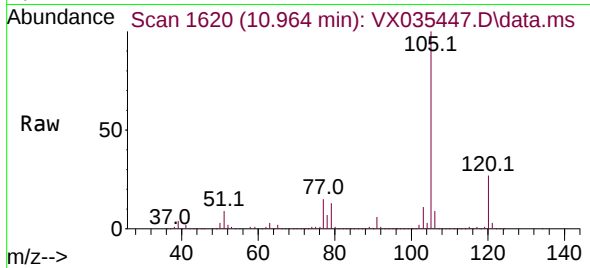
Tgt Ion:152 Resp: 185393
Ion Ratio Lower Upper
152 100
115 73.9 45.0 135.0
150 155.9 0.0 352.4





#73
Isopropylbenzene
Concen: 101.334 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51

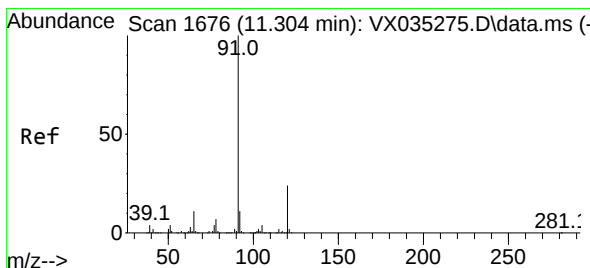
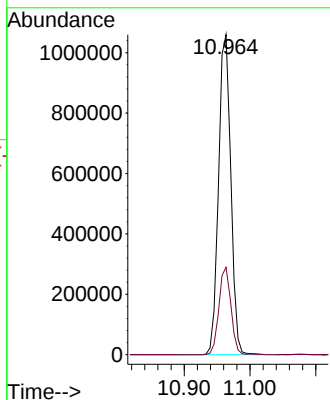
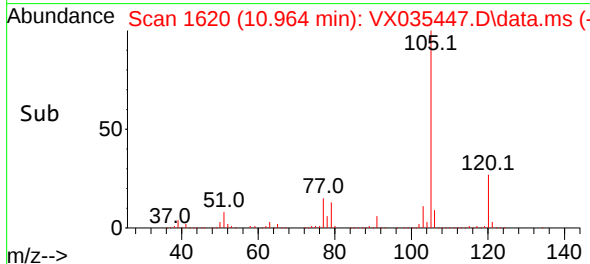
Instrument :
MSVOA_X
ClientSampleId :
MW-12



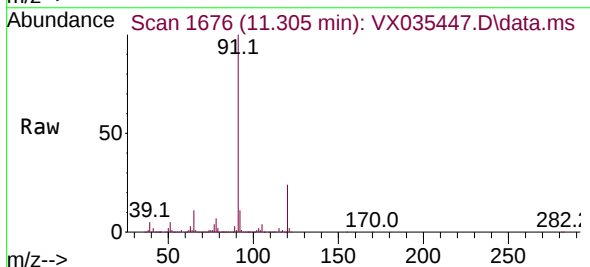
Tgt Ion:105 Resp: 1373292
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

Manual Integrations
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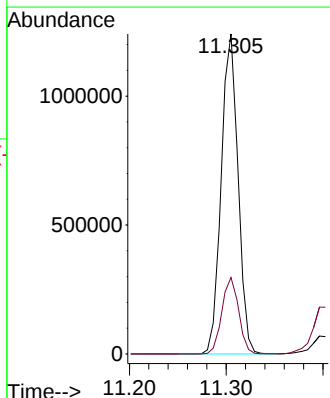
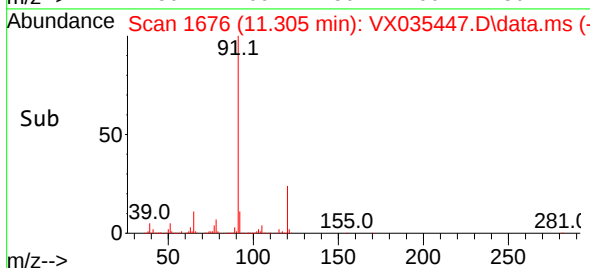
Reviewed By :Krupa Patel 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

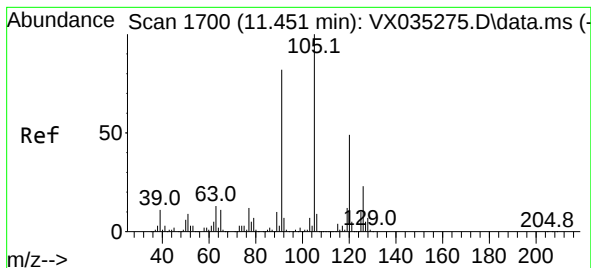


#78
n-propylbenzene
Concen: 96.067 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035447.D
Acq: 01 May 2023 17:51



Tgt Ion: 91 Resp: 1495211
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 70.181 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035447.D

Acq: 01 May 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-12

Tgt Ion:105 Resp: 801950

Ion Ratio Lower Upper

105 100

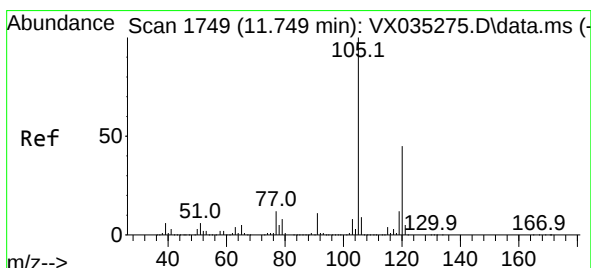
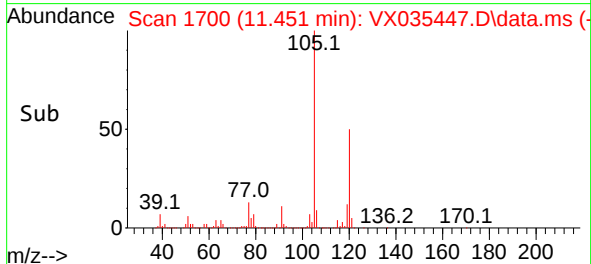
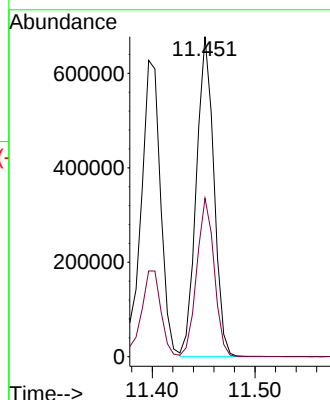
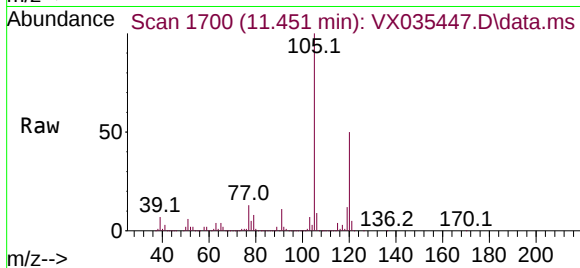
120 49.1 23.7 71.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 410.148 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.007 min

Lab File: VX035447.D

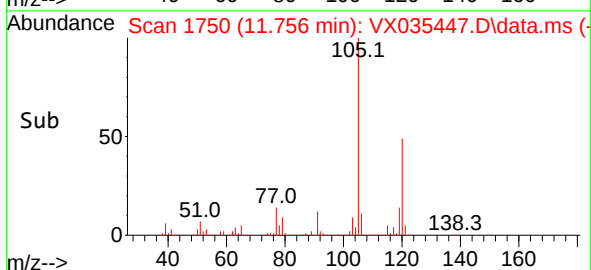
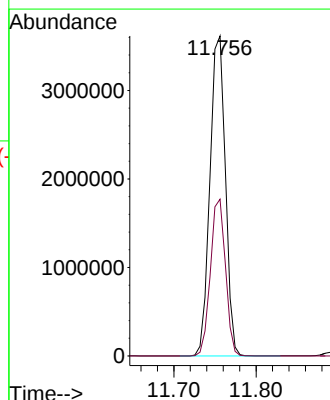
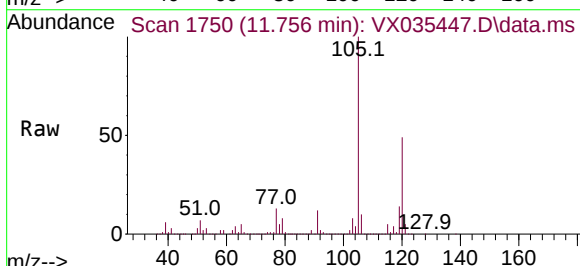
Acq: 01 May 2023 17:51

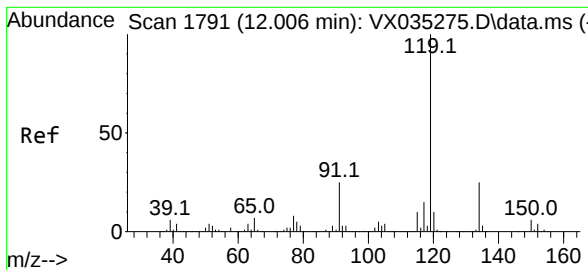
Tgt Ion:105 Resp: 4709124

Ion Ratio Lower Upper

105 100

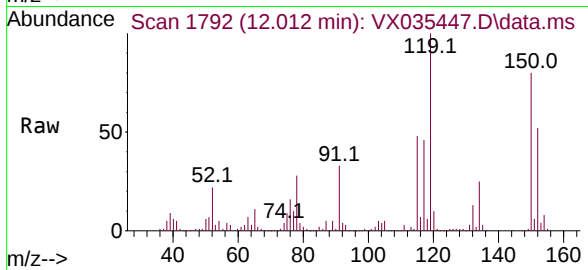
120 47.8 22.4 67.0





#86
 p-Isopropyltoluene
 Concen: 11.992 ug/l m
 RT: 12.012 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX035447.D
 Acq: 01 May 2023 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12



Tgt Ion:119 Resp: 14343
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.2 39.5
 91 0.0 12.9 38.7

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

