

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032632.D
 Acq On : 07 Nov 2022 17:11
 Operator : JC/MD
 Sample : N5497-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Nov 08 03:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	110680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77934	50.677	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.360%			
35) Dibromofluoromethane	5.385	113	60698	46.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.760%			
50) Toluene-d8	8.653	98	219316	48.192	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.380%			
62) 4-Bromofluorobenzene	11.079	95	85425	48.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.100%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	691	1.236	ug/l	100
20) Methylene Chloride	2.788	84	4100	3.199	ug/l	94
31) Cyclohexane	5.477	56	871	0.467	ug/l #	90
39) Methylcyclohexane	7.379	83	1075	0.499	ug/l	89
40) Benzene	6.031	78	4063	0.788	ug/l	91
68) m/p-Xylenes	10.305	106	1251	0.491	ug/l	95
73) Isopropylbenzene	10.963	105	17918	2.899	ug/l	98
78) n-propylbenzene	11.305	91	33289	4.675	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2022	0.385	ug/l	98
85) sec-Butylbenzene	11.890	105	4254	0.670	ug/l #	57
89) n-Butylbenzene	12.335	91	1170m	0.250	ug/l	
95) Naphthalene	13.780	128	5040	0.823	ug/l	99

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

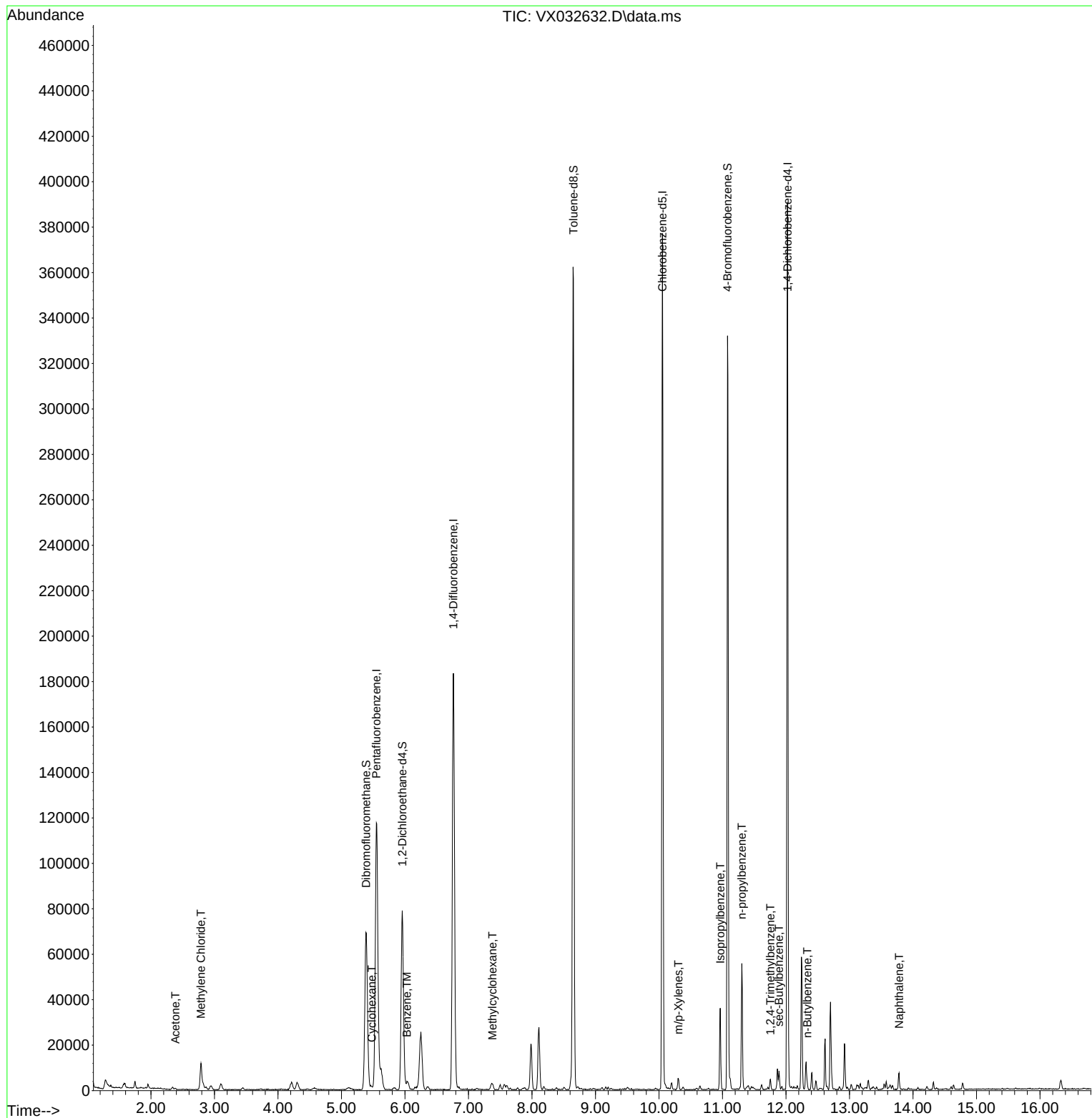
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032632.D
Acq On : 07 Nov 2022 17:11
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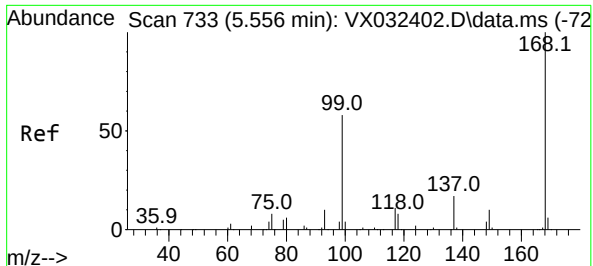
Instrument :
MSVOA_X
ClientSampleId :
MW-06

Quant Time: Nov 08 03:15:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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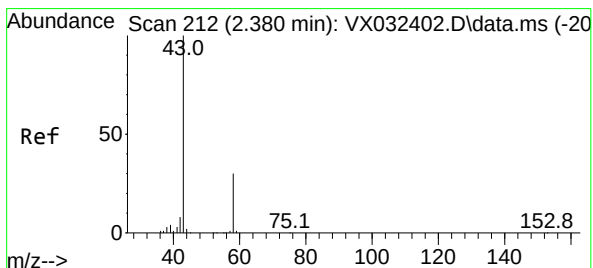
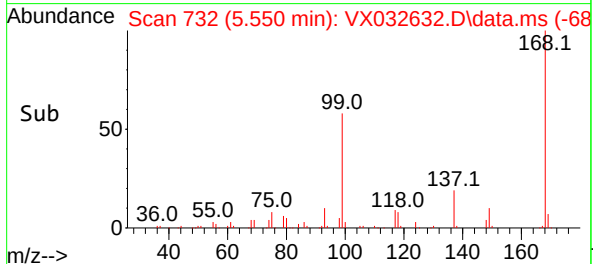
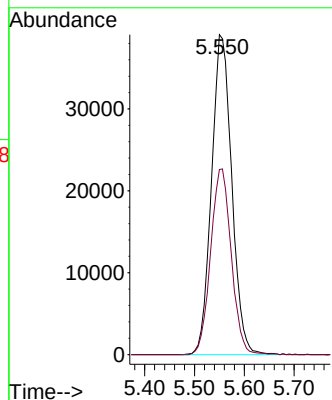
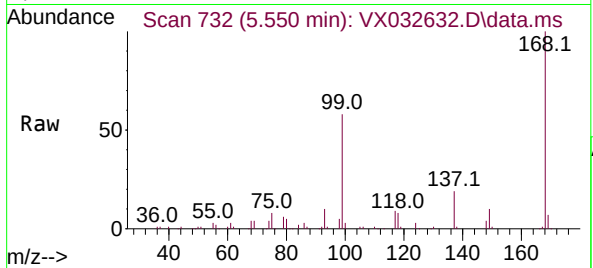
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion:168 Resp: 110680
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1

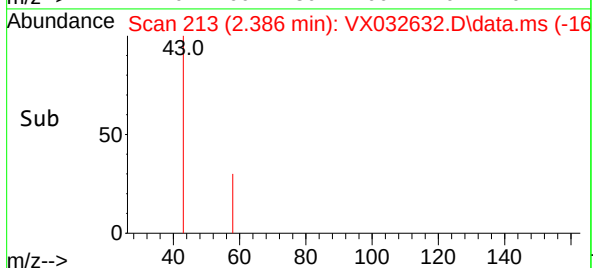
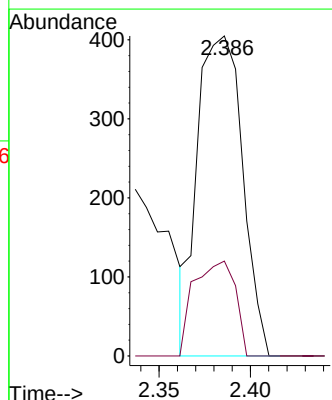
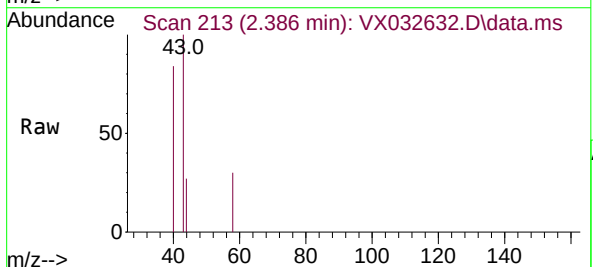
Manual Integrations
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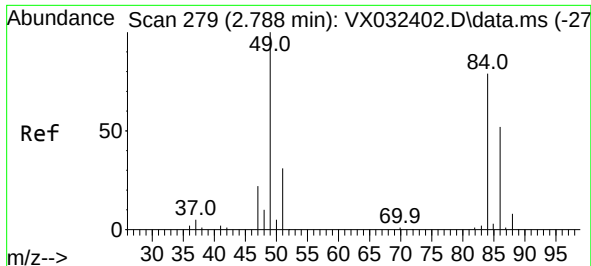
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#16
Acetone
Concen: 1.236 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

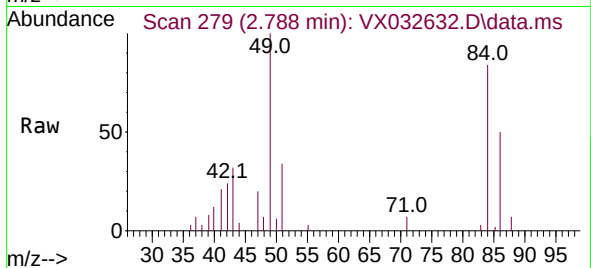
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8





#20
Methylene Chloride
Concen: 3.199 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Instrument :
MSVOA_X
ClientSampleId :
MW-06

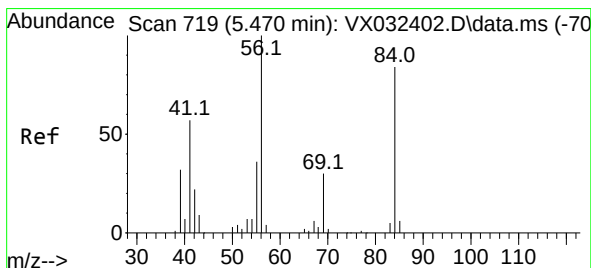
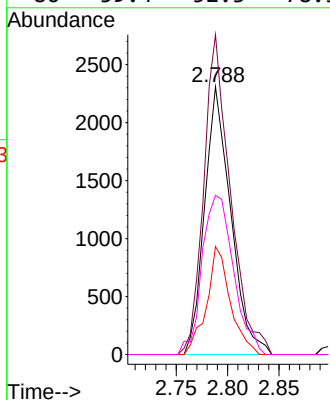
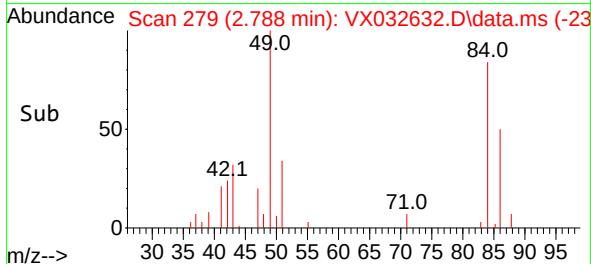


Tgt Ion: 84 Resp: 4100

Ion	Ratio	Lower	Upper
84	100		
49	119.4	101.0	151.6
51	40.3	31.1	46.7
86	59.4	52.3	78.5

Manual Integrations
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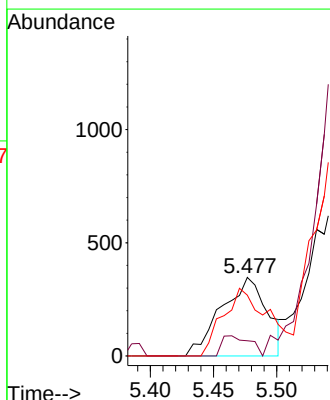
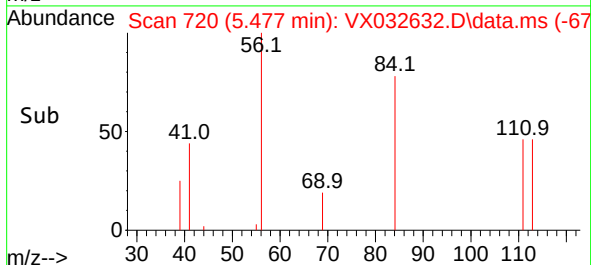
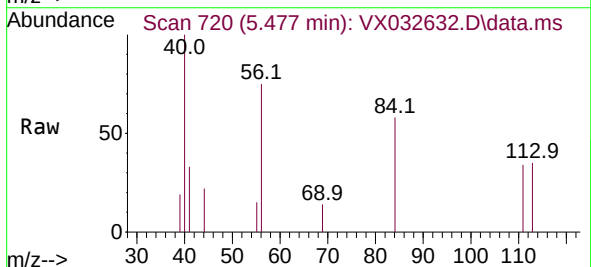
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

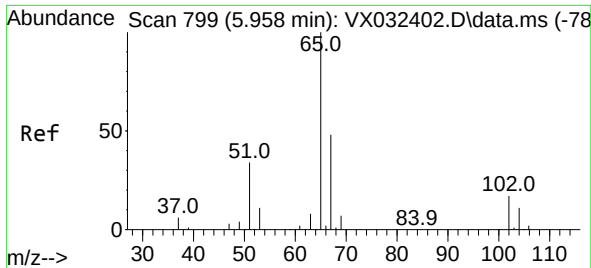


#31
Cyclohexane
Concen: 0.467 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Tgt Ion: 56 Resp: 871

Ion	Ratio	Lower	Upper
56	100		
69	19.3	24.1	36.1
84	77.5	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 50.677 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

MW-06

Tgt Ion: 65 Resp: 77934

Ion Ratio Lower Upper

65 100

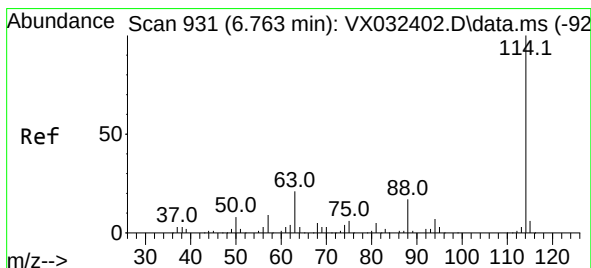
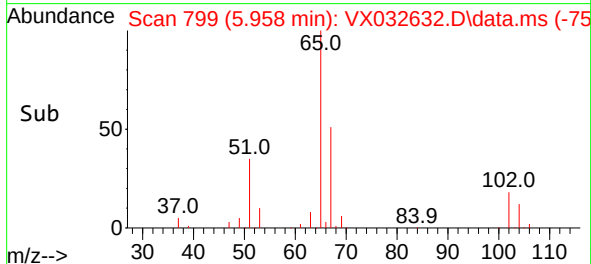
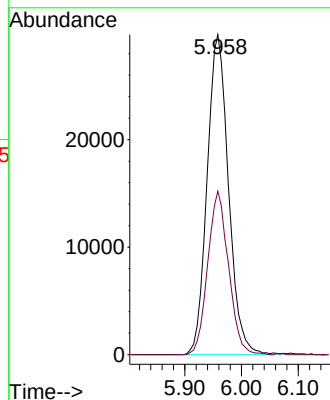
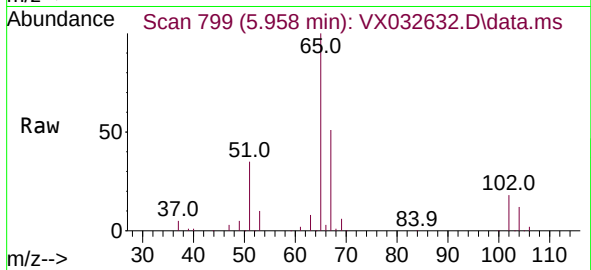
67 49.6 0.0 101.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

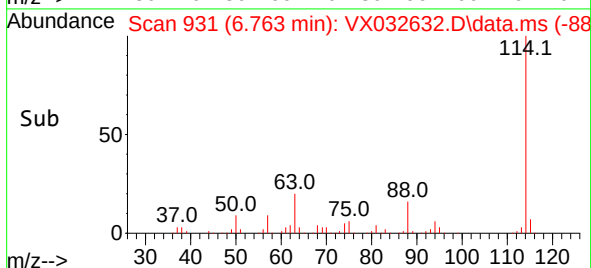
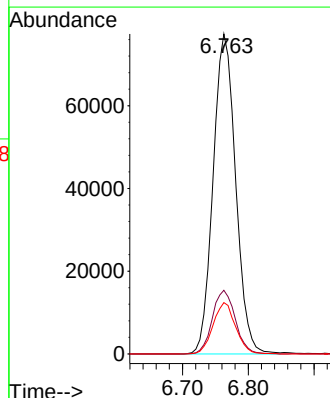
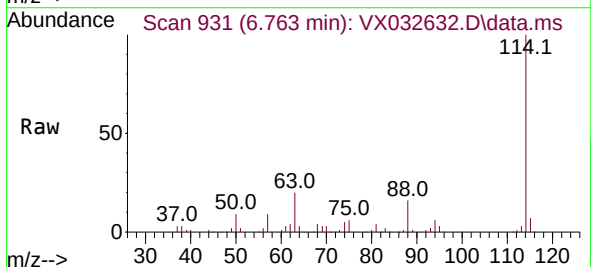
Tgt Ion:114 Resp: 183479

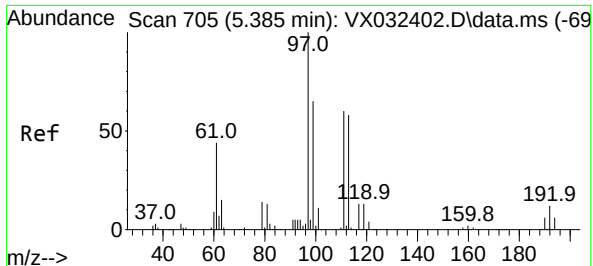
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.378 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

MW-06

Tgt Ion:113 Resp: 60698

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

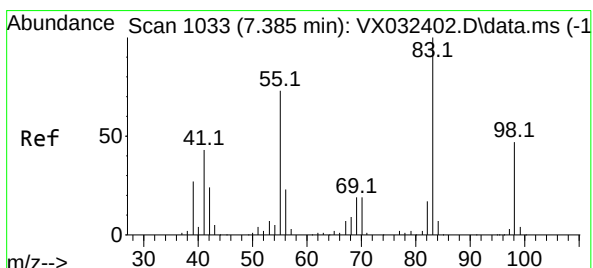
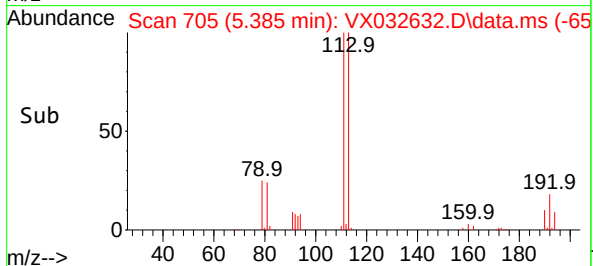
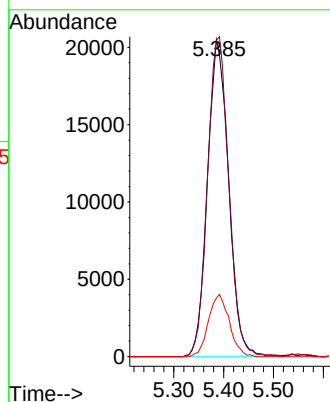
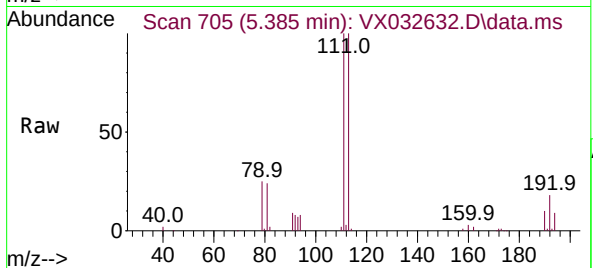
192 19.3 15.4 23.2

Manual Integrations

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Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#39

Methylcyclohexane

Concen: 0.499 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

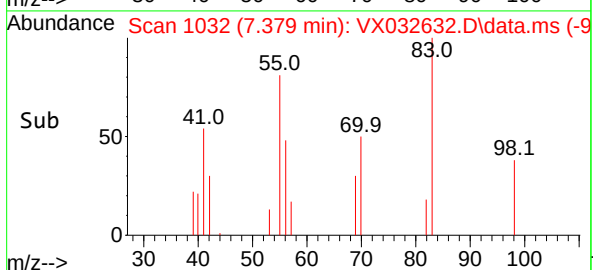
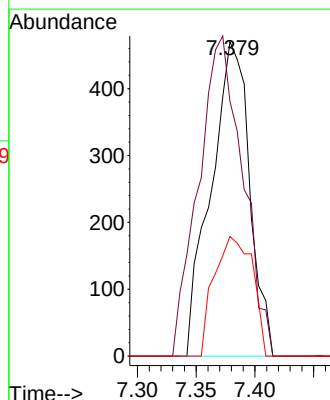
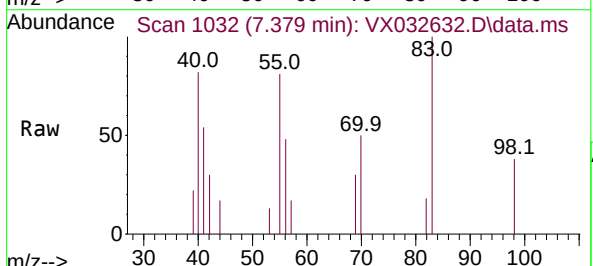
Tgt Ion: 83 Resp: 1075

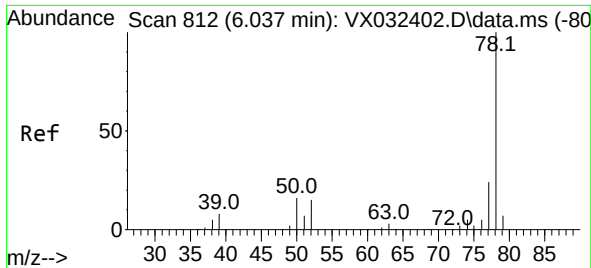
Ion Ratio Lower Upper

83 100

55 81.1 58.4 87.6

98 38.1 37.2 55.8





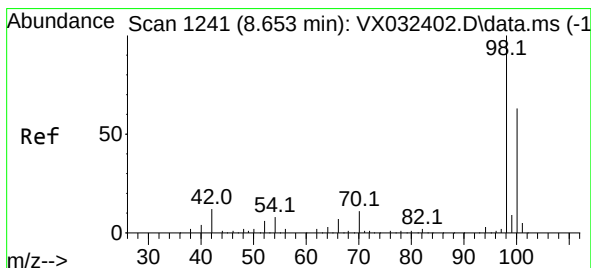
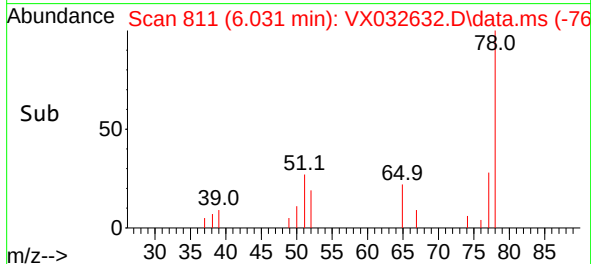
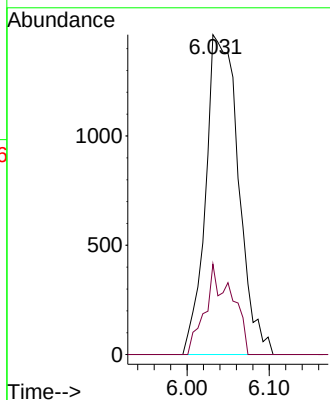
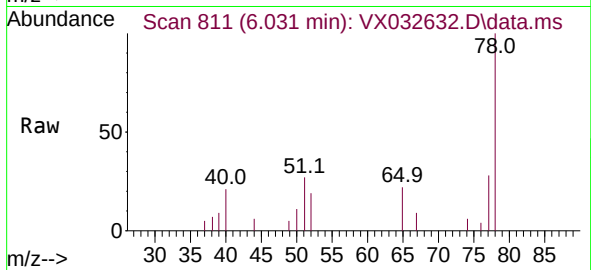
#40
Benzene
Concen: 0.788 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion: 78 Resp: 4063
Ion Ratio Lower Upper
78 100
77 28.3 19.0 28.4

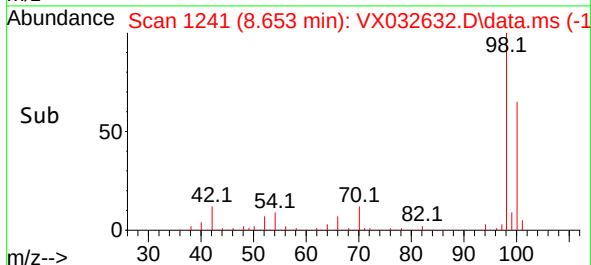
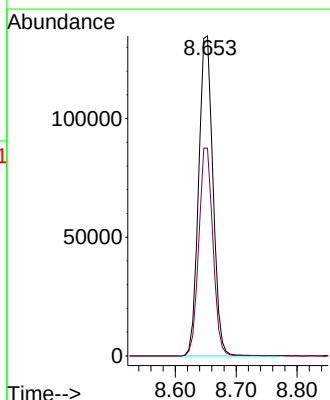
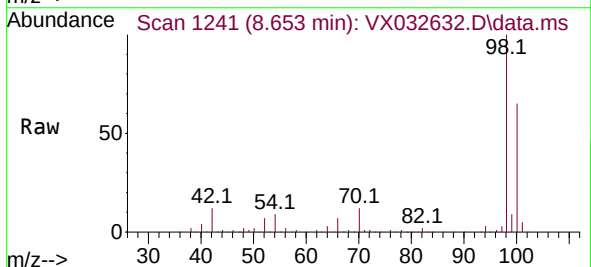
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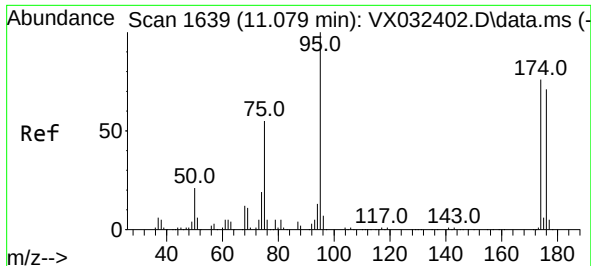
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#50
Toluene-d8
Concen: 48.192 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Tgt Ion: 98 Resp: 219316
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 48.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

MW-06

Tgt Ion: 95 Resp: 85425

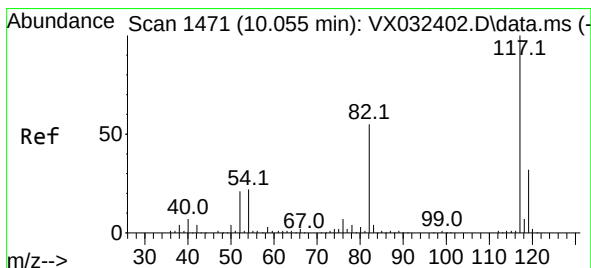
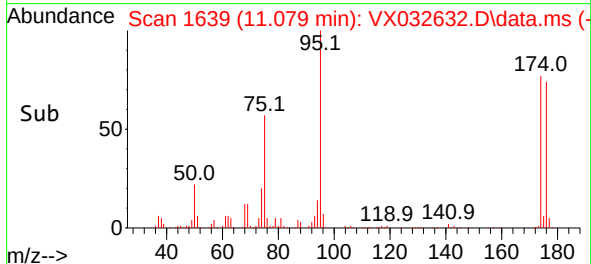
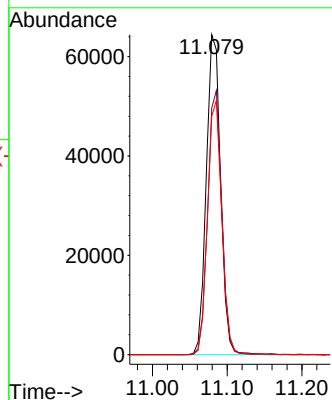
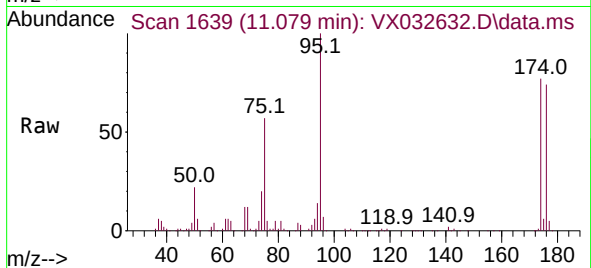
Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	164.0
176	79.0	0.0	154.4

Manual Integrations

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Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

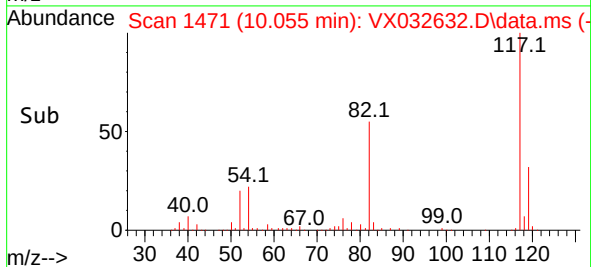
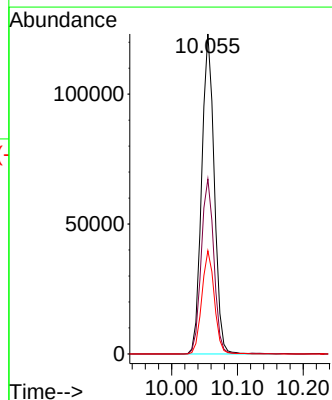
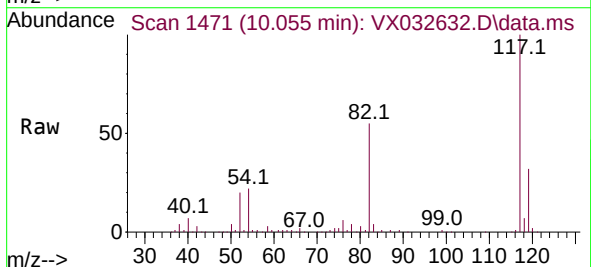
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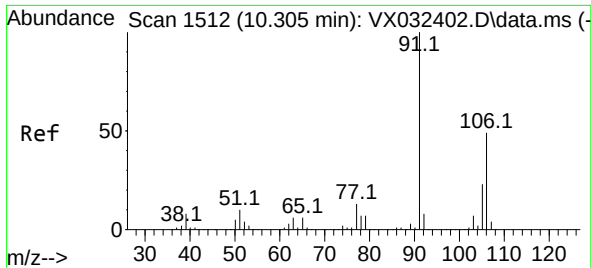
Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

Tgt Ion:117 Resp: 163770

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	32.2	25.7	38.5





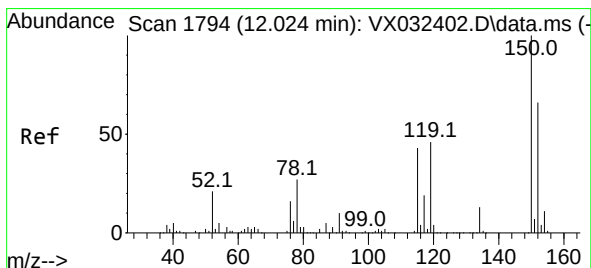
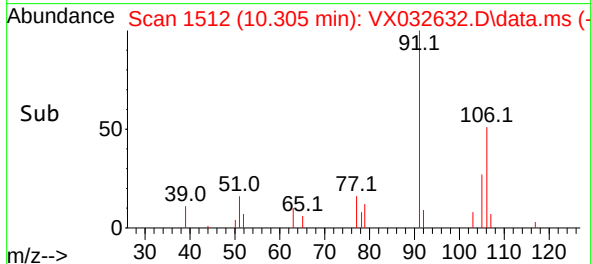
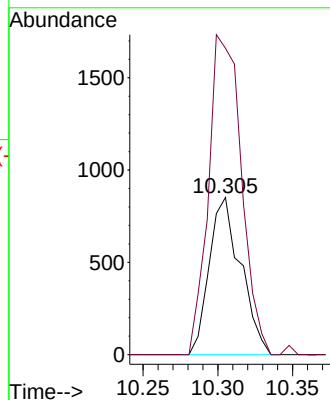
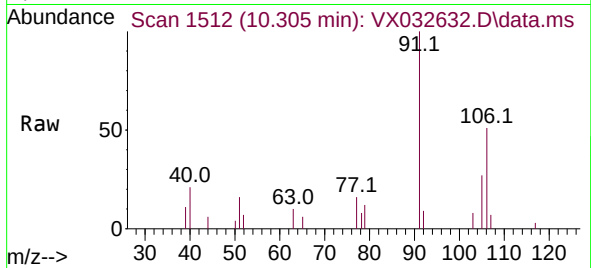
#68
m/p-Xylenes
Concen: 0.491 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion:106 Resp: 125
Ion Ratio Lower Upper
106 100
91 213.0 164.5 246.7

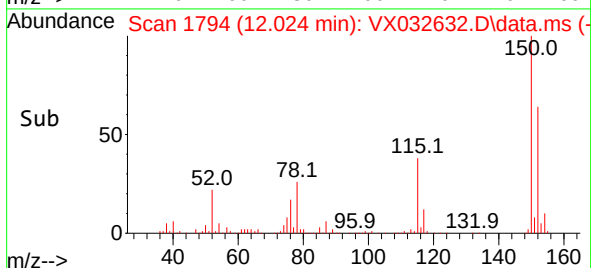
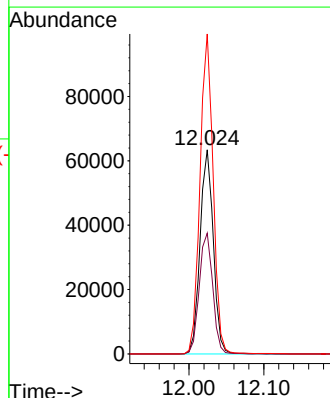
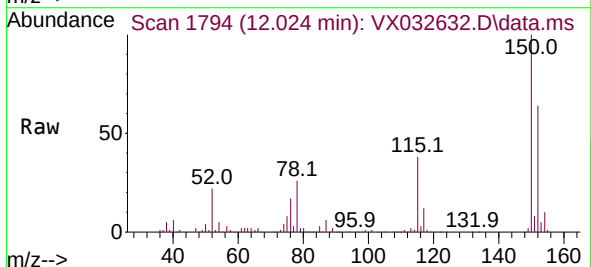
Manual Integrations
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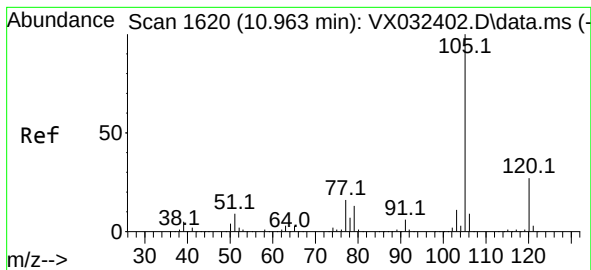
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

Tgt Ion:152 Resp: 78000
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 154.9 0.0 351.8





#73

Isopropylbenzene

Concen: 2.899 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032632.D

Acq: 07 Nov 2022 17:11

Instrument :

MSVOA_X

ClientSampleId :

MW-06

Tgt Ion:105 Resp: 17918

Ion Ratio Lower Upper

105 100

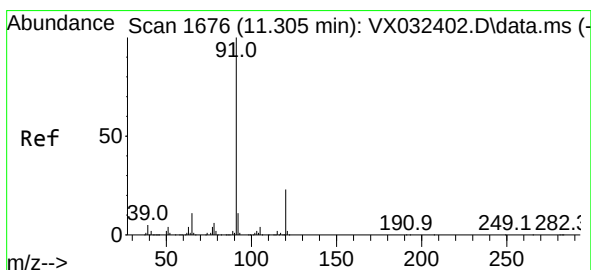
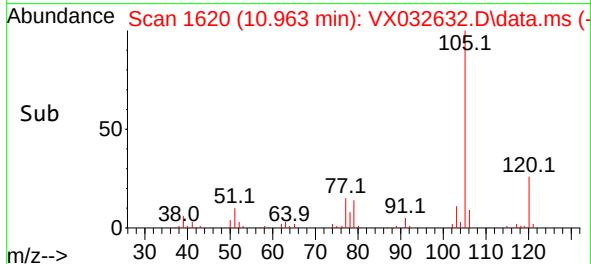
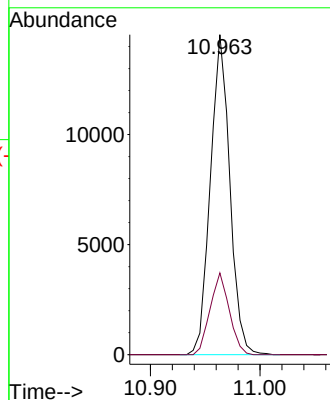
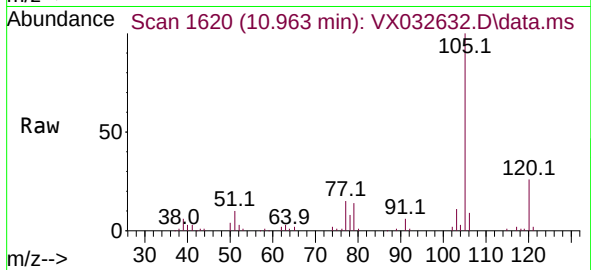
120 25.2 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#78

n-propylbenzene

Concen: 4.675 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032632.D

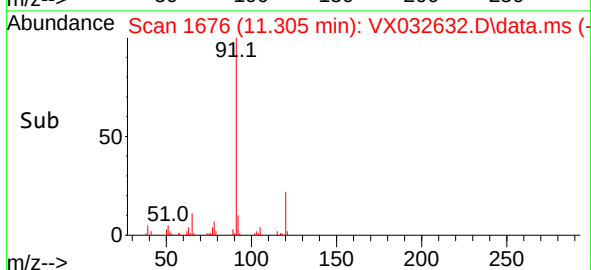
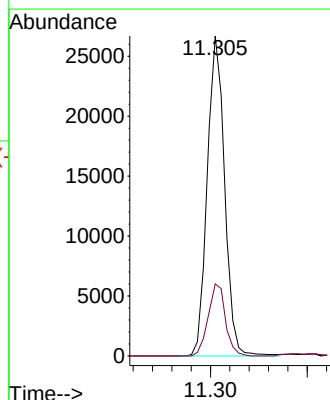
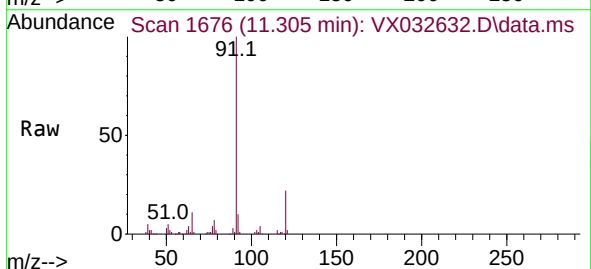
Acq: 07 Nov 2022 17:11

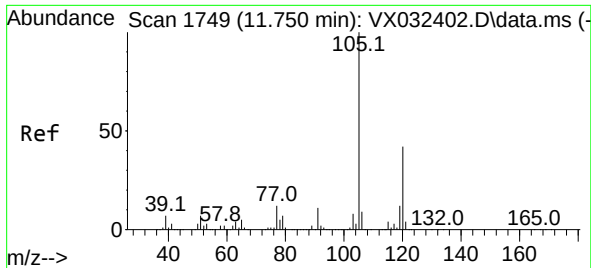
Tgt Ion: 91 Resp: 33289

Ion Ratio Lower Upper

91 100

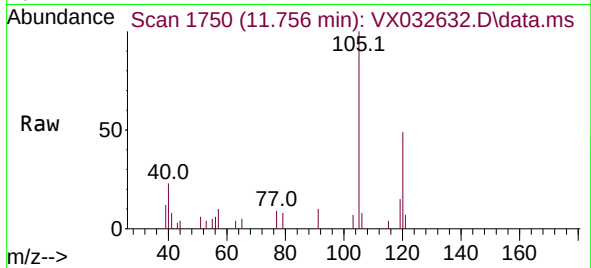
120 22.3 11.6 34.8





#84
1,2,4-Trimethylbenzene
Concen: 0.385 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

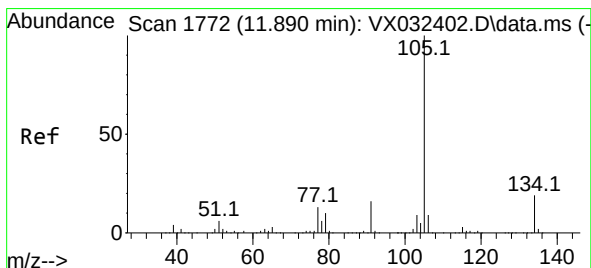
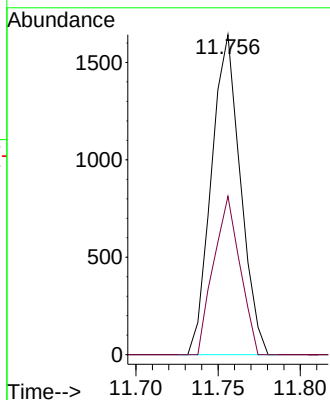
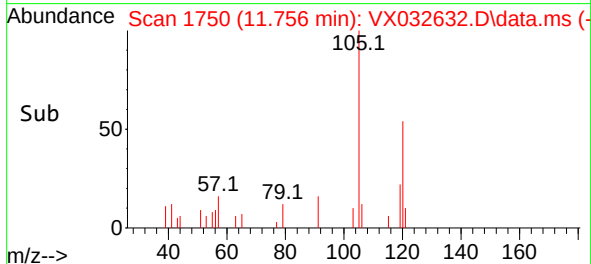
Instrument :
MSVOA_X
ClientSampleId :
MW-06



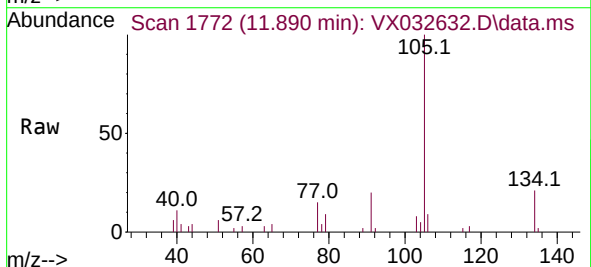
Tgt Ion:105 Resp: 2022
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5

Manual Integrations
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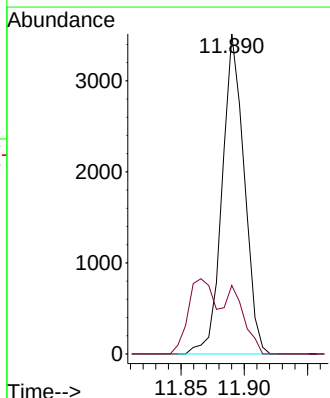
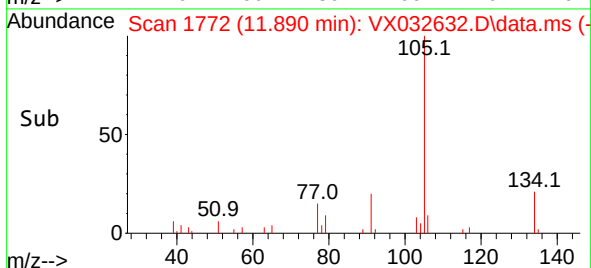
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

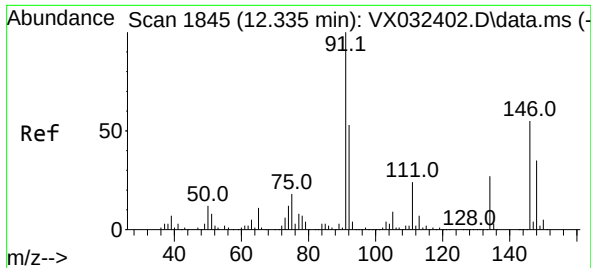


#85
sec-Butylbenzene
Concen: 0.670 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11



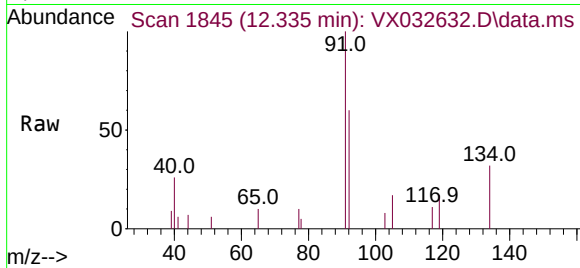
Tgt Ion:105 Resp: 4254
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#89
n-Butylbenzene
Concen: 0.250 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11

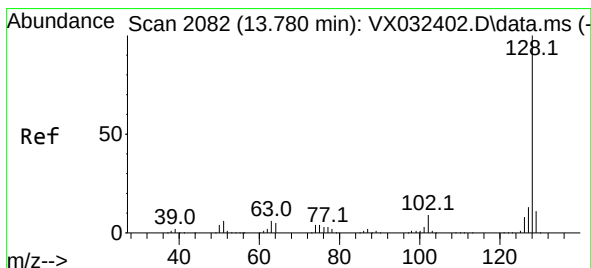
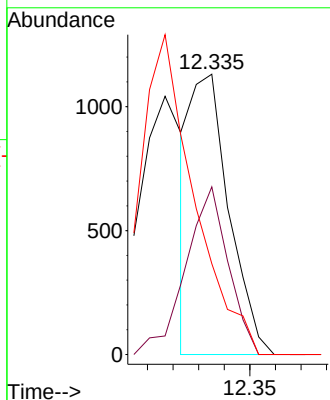
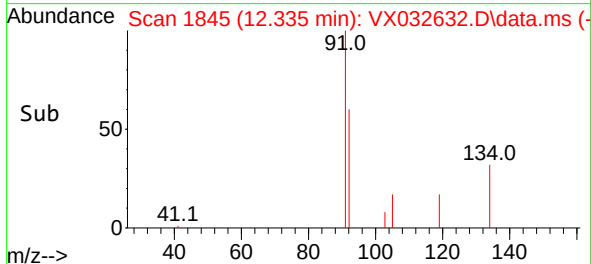
Instrument :
MSVOA_X
ClientSampleId :
MW-06



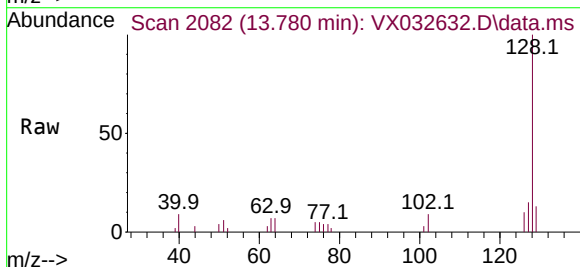
Tgt Ion: 91 Resp: 1170
Ion Ratio Lower Upper
91 100
92 66.8 26.2 78.6
134 163.2 12.9 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#95
Naphthalene
Concen: 0.823 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032632.D
Acq: 07 Nov 2022 17:11



Tgt Ion:128 Resp: 5040
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.6 8.9 13.3

