

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033385.D
 Acq On : 13 Dec 2022 12:26
 Operator : JC/MD
 Sample : N6001-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39395	47.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.380%		
35) Dibromofluoromethane	5.385	113	44655	48.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	8.647	98	93167	47.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.800%		
62) 4-Bromofluorobenzene	11.079	95	71529	48.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.200%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	810	0.399	ug/l #	81
40) Benzene	6.044	78	3212	0.608	ug/l	97
52) Toluene	8.720	92	2180	0.638	ug/l	98
67) Ethyl Benzene	10.195	91	30729	4.781	ug/l	100
68) m/p-Xylenes	10.305	106	1488	0.595	ug/l	98
69) o-Xylene	10.646	106	1836	0.743	ug/l	96
73) Isopropylbenzene	10.963	105	3505	0.564	ug/l	95
78) n-propylbenzene	11.305	91	4869	0.702	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	7487	1.450	ug/l	99
85) sec-Butylbenzene	11.890	105	1372	0.228	ug/l	91
86) p-Isopropyltoluene	12.012	119	1607m	0.310	ug/l	
89) n-Butylbenzene	12.335	91	1837	0.432	ug/l #	45

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

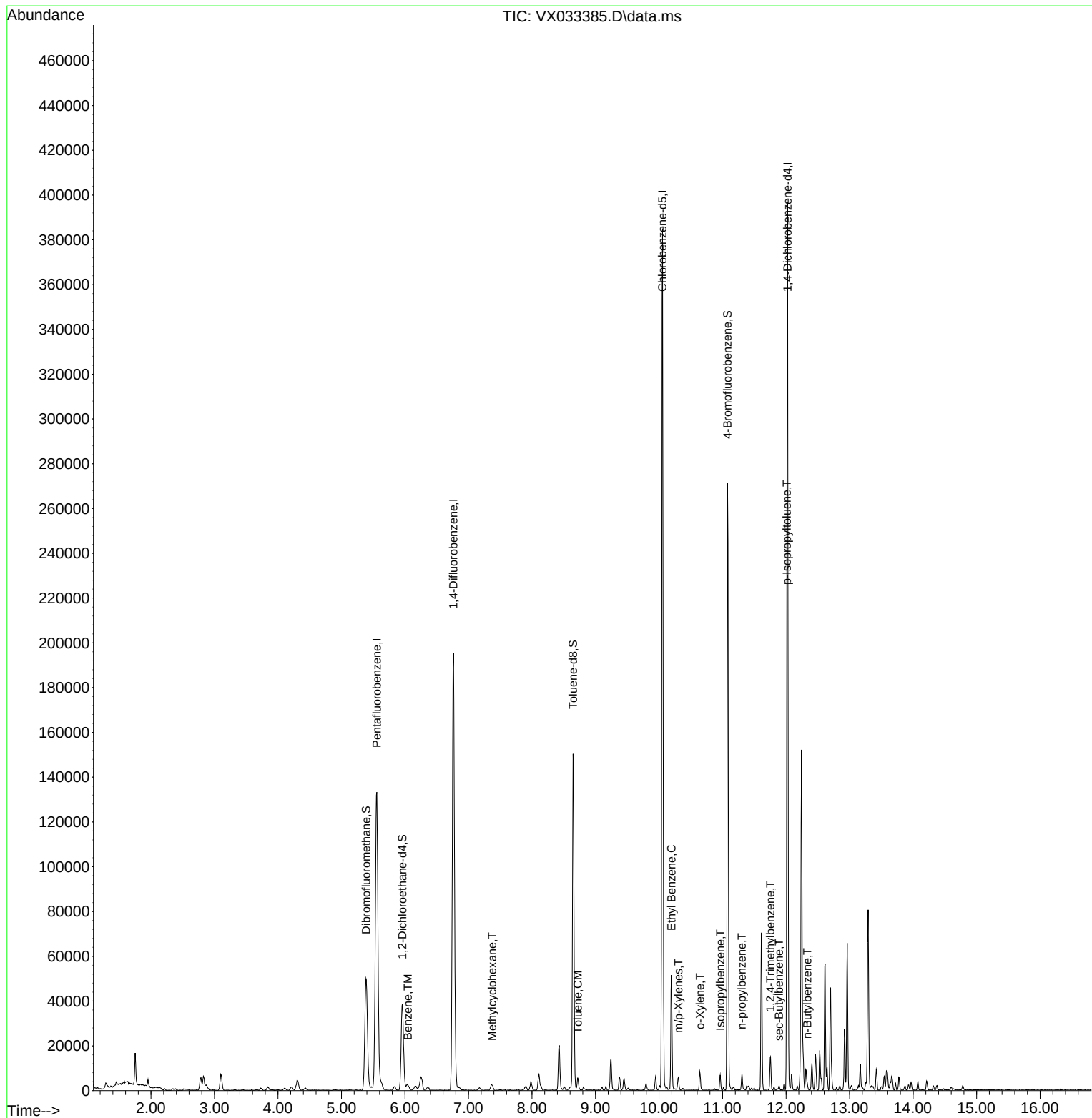
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
Data File : VX033385.D
Acq On : 13 Dec 2022 12:26
Operator : JC/MD
Sample : N6001-01
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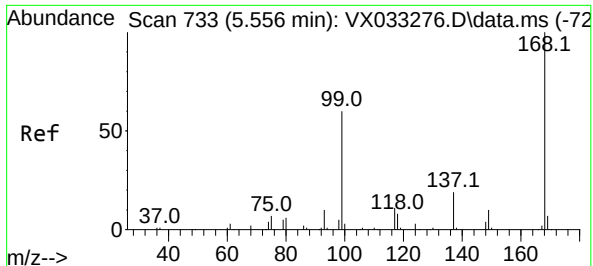
Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Time: Dec 14 05:35:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

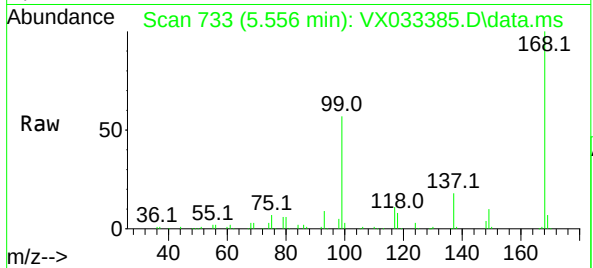
Reviewed By : John Carlone 12/14/2022
Supervised By : Mahesh Dadoda 12/14/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

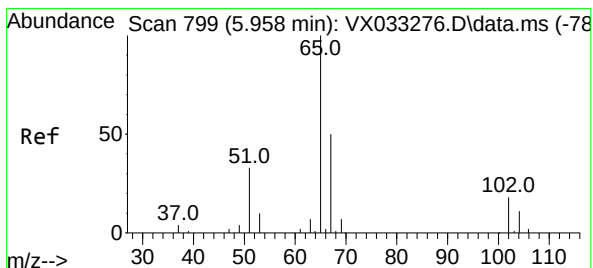
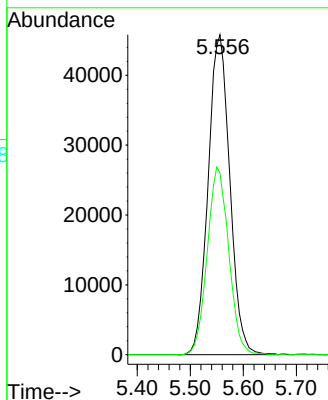
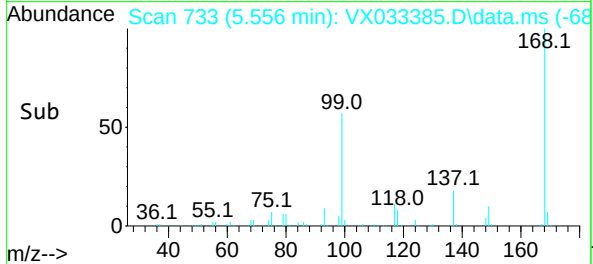
Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion:168 Resp: 130140
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1

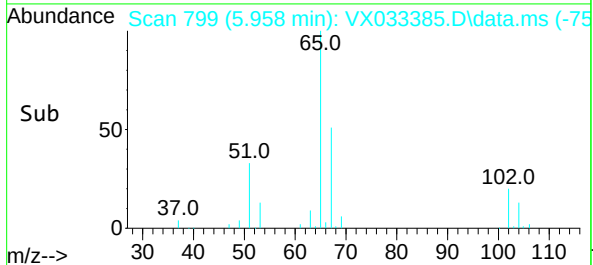
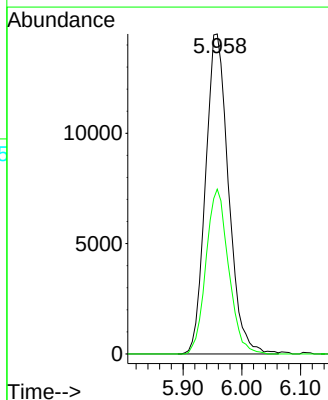
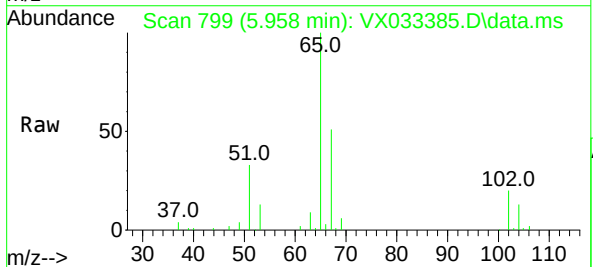
Manual Integrations
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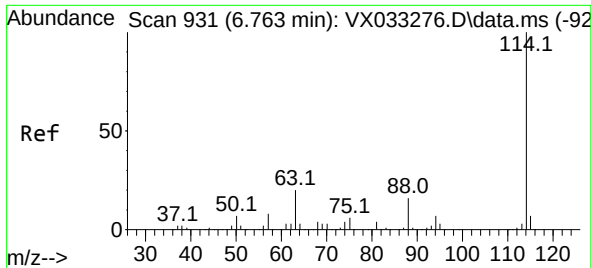
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#33
1,2-Dichloroethane-d4
Concen: 47.186 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

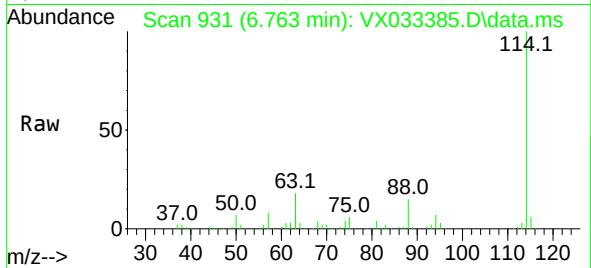
Tgt Ion: 65 Resp: 39395
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

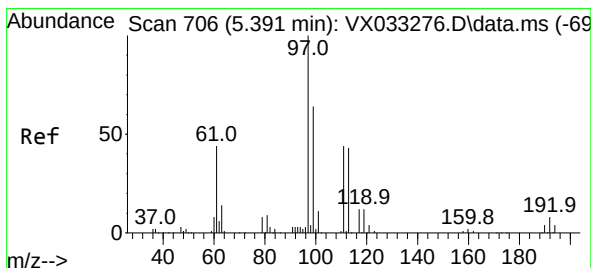
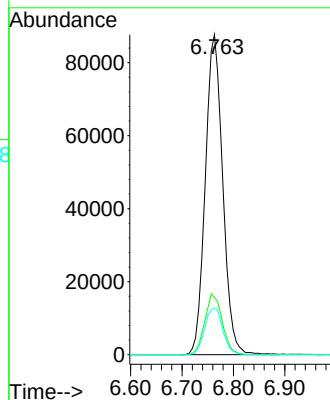
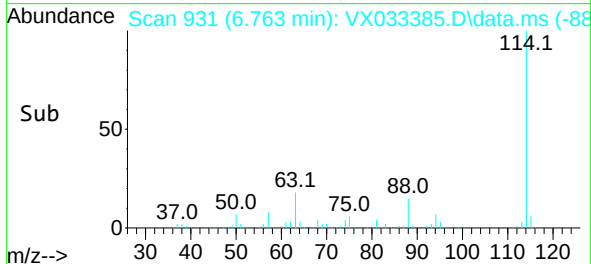
Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion:114 Resp: 206709
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.6
88 14.6 0.0 33.4

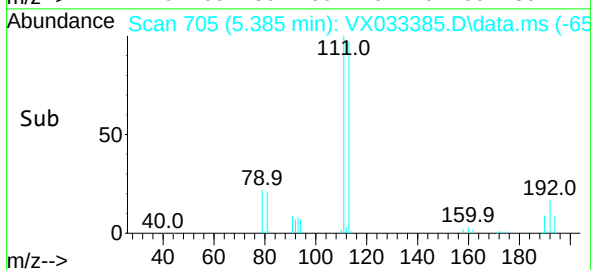
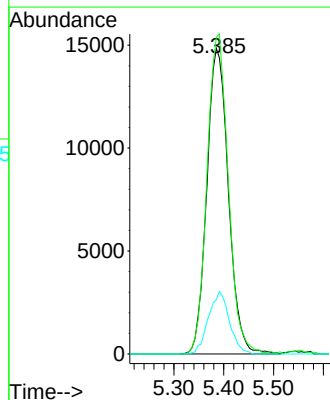
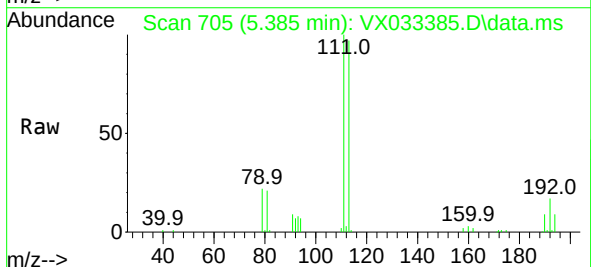
Manual Integrations
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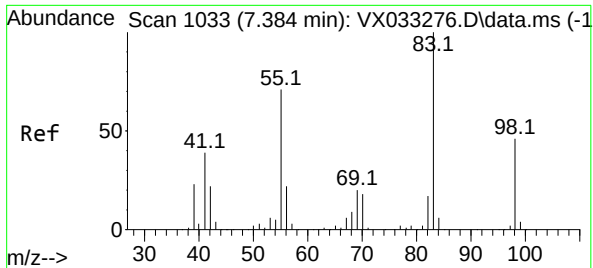
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#35
Dibromofluoromethane
Concen: 48.030 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion:113 Resp: 44655
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.8 15.4 23.2





#39

Methylcyclohexane

Concen: 0.399 ug/l

RT: 7.373 min Scan# 1033

Delta R.T. -0.012 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tgt Ion: 83 Resp: 810

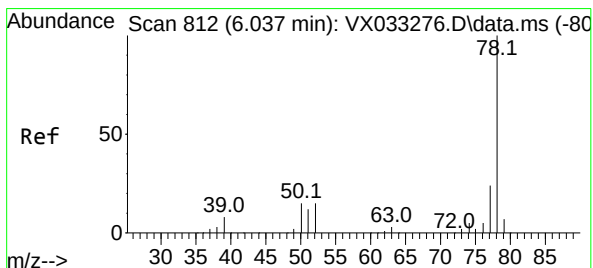
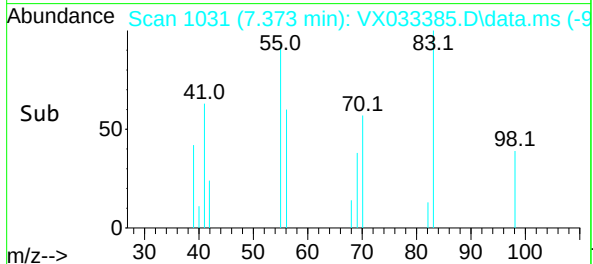
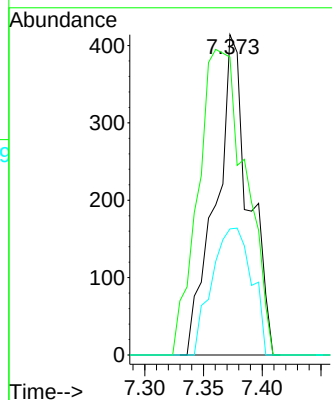
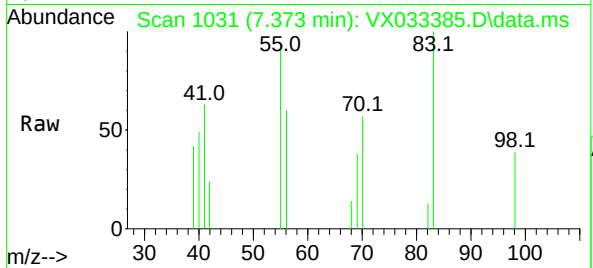
Ion	Ratio	Lower	Upper
83	100		
55	93.0	58.4	87.6
98	39.4	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#40

Benzene

Concen: 0.608 ug/l

RT: 6.044 min Scan# 813

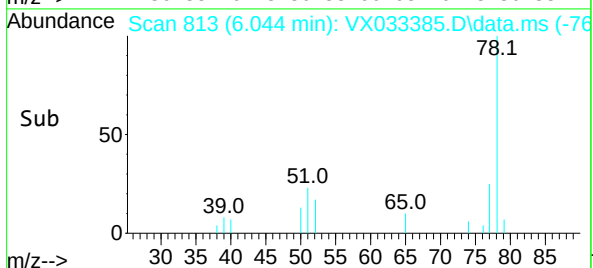
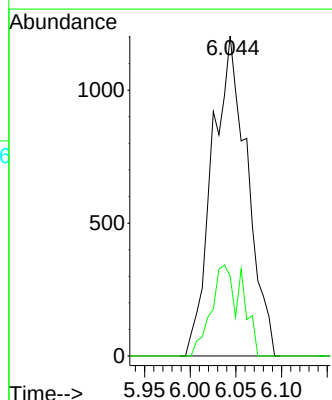
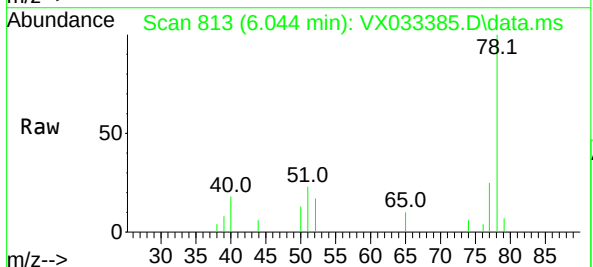
Delta R.T. 0.006 min

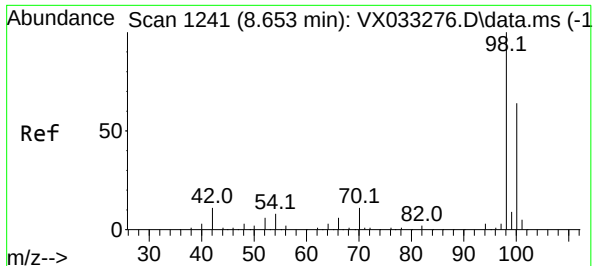
Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Tgt Ion: 78 Resp: 3212

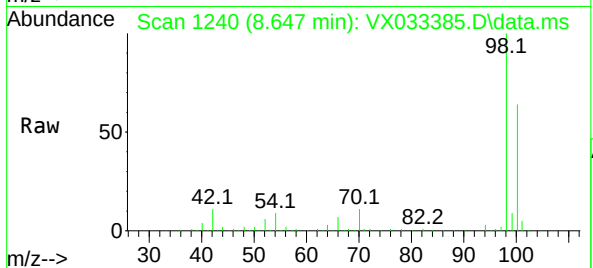
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.4





#50
Toluene-d8
Concen: 47.902 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

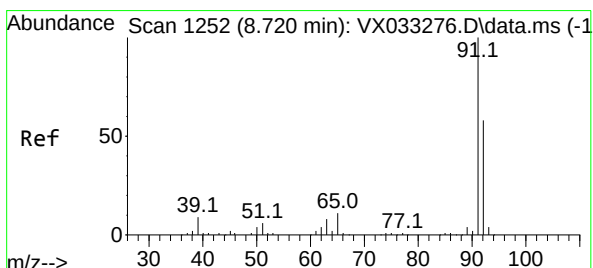
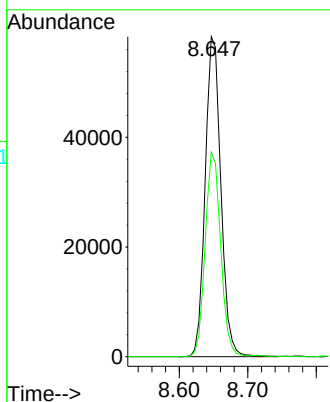
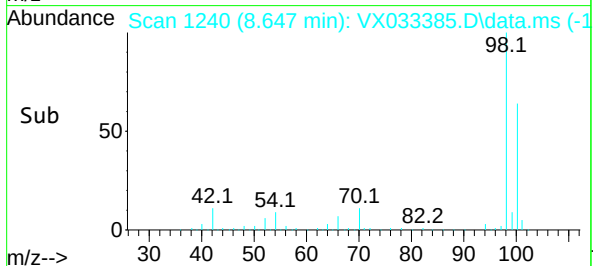
Instrument :
MSVOA_X
ClientSampleId :
MW-1



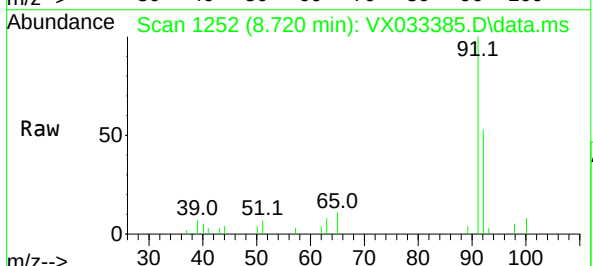
Tgt Ion: 98 Resp: 9316
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

Manual Integrations
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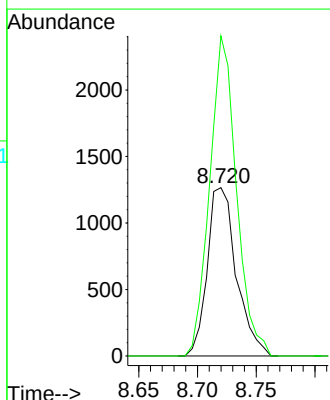
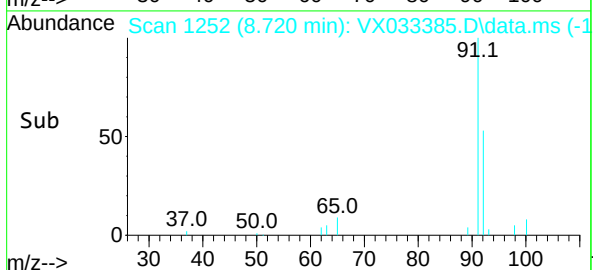
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

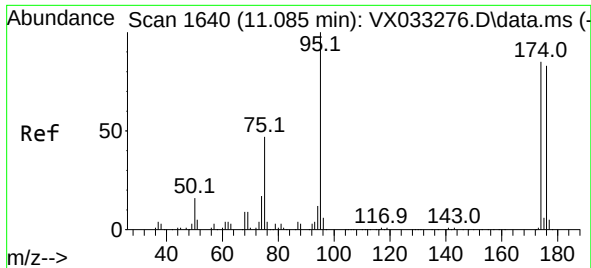


#52
Toluene
Concen: 0.638 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26



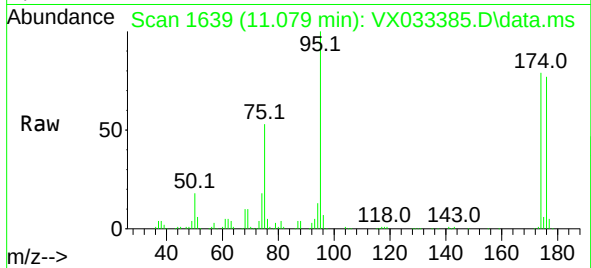
Tgt Ion: 92 Resp: 2180
Ion Ratio Lower Upper
92 100
91 175.2 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 48.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

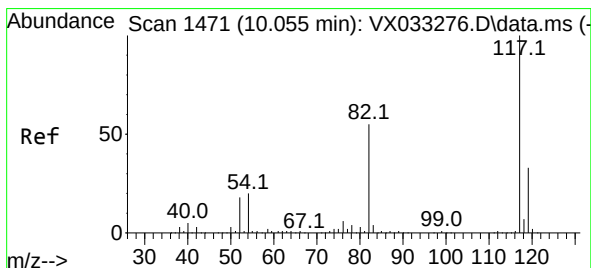
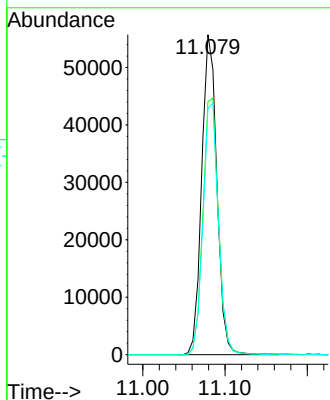
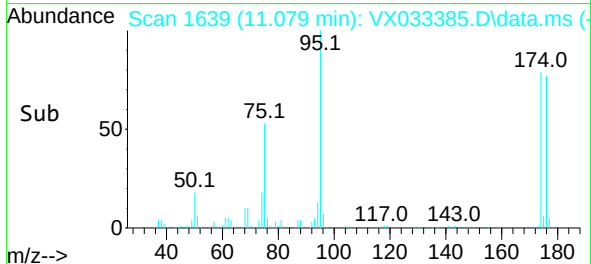
Instrument :
MSVOA_X
ClientSampleId :
MW-1



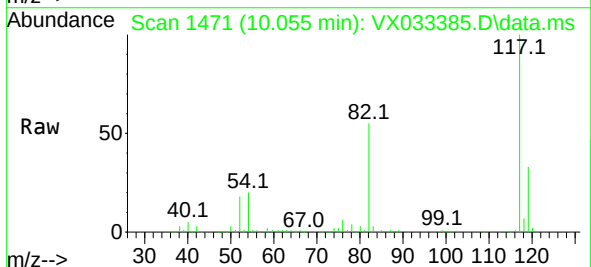
Tgt Ion: 95 Resp: 71529
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 79.9 0.0 154.4

Manual Integrations
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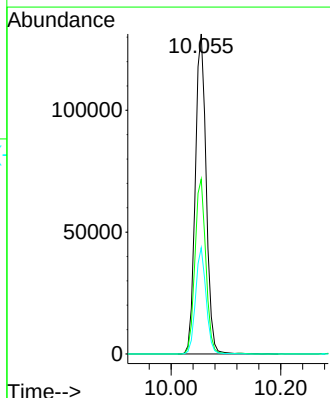
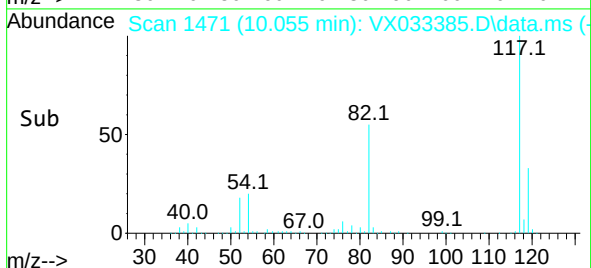
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

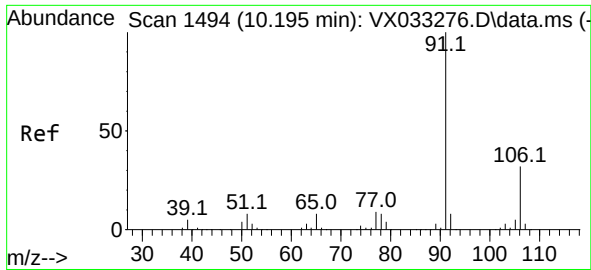


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26



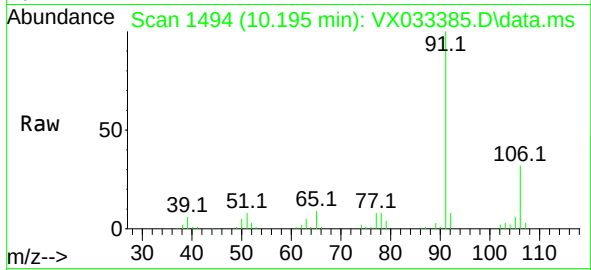
Tgt Ion:117 Resp: 182184
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 33.2 25.7 38.5





#67
Ethyl Benzene
Concen: 4.781 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

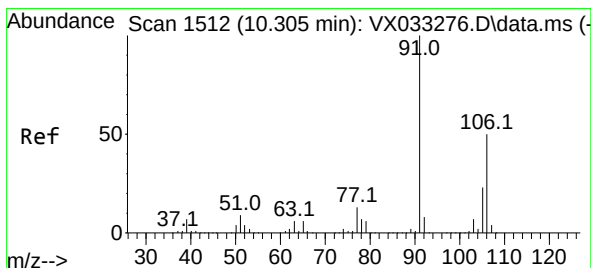
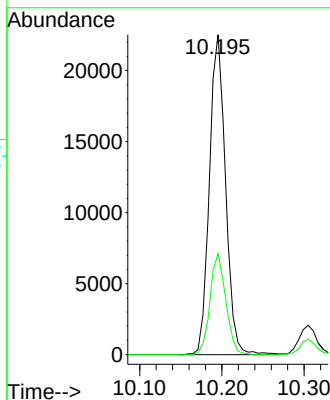
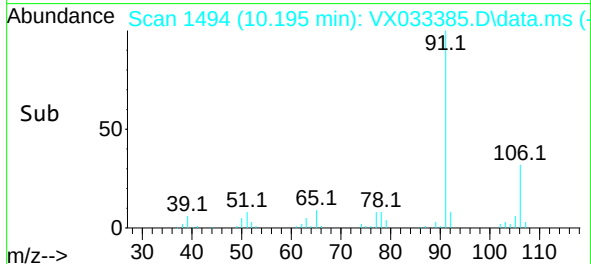
Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion: 91 Resp: 30729
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

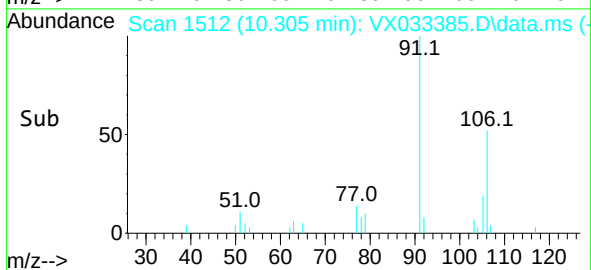
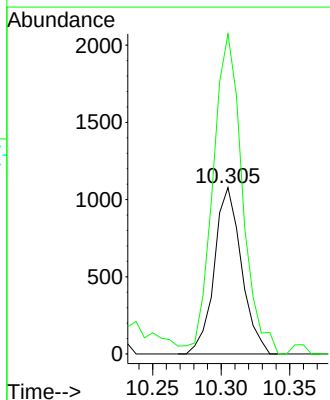
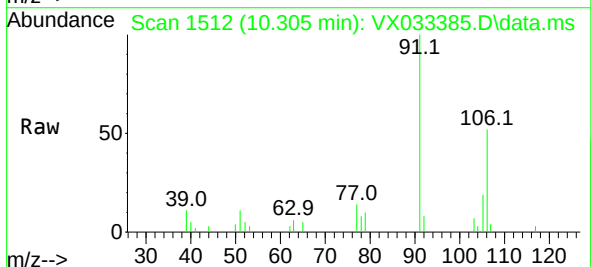
Manual Integrations
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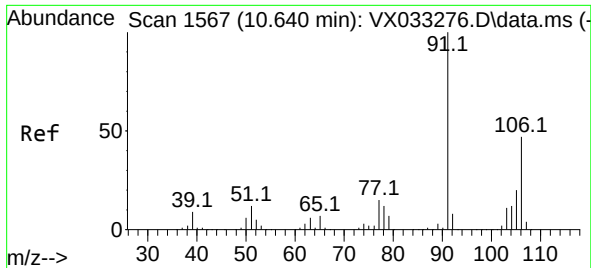
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#68
m/p-Xylenes
Concen: 0.595 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion:106 Resp: 1488
Ion Ratio Lower Upper
106 100
91 207.9 164.5 246.7





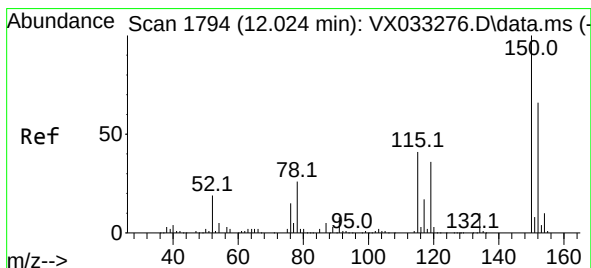
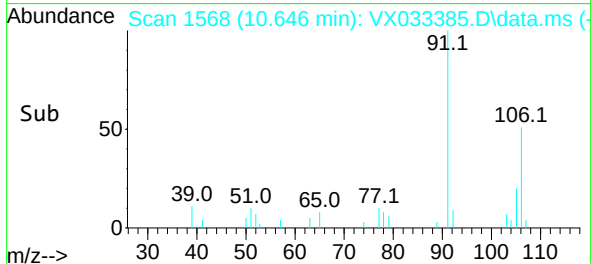
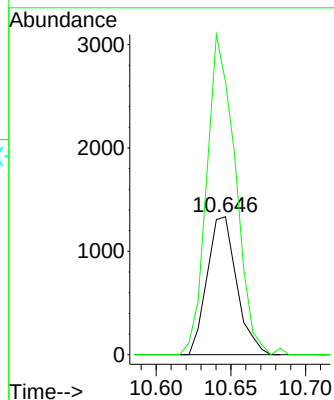
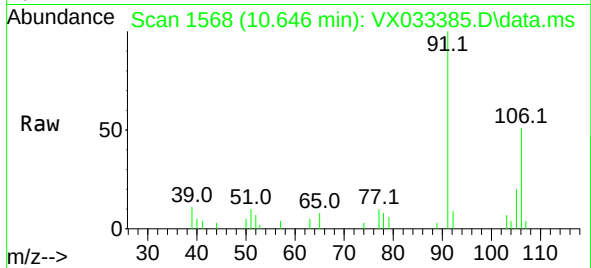
#69
o-Xylene
Concen: 0.743 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:106 Resp: 1830
Ion Ratio Lower Upper
106 100
91 225.2 109.2 327.6

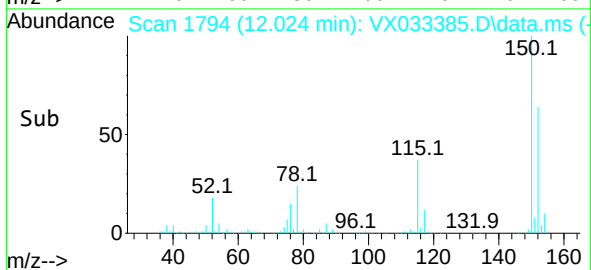
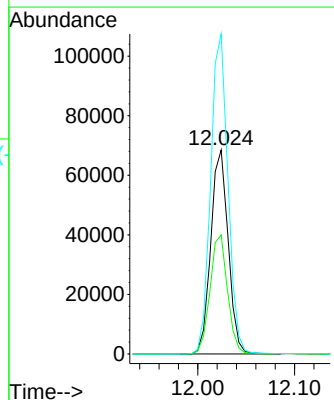
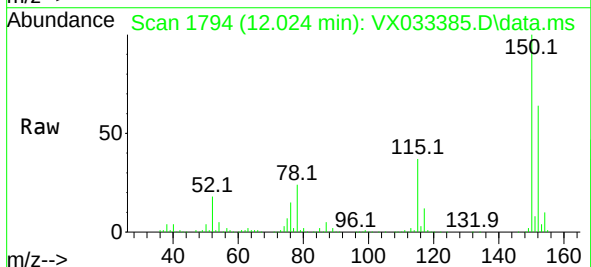
Manual Integrations
APPROVED

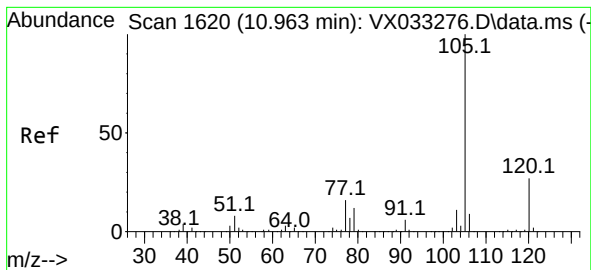
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

Tgt Ion:152 Resp: 85713
Ion Ratio Lower Upper
152 100
115 58.7 44.0 132.0
150 155.8 0.0 351.8





#73

Isopropylbenzene

Concen: 0.564 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

MW-1

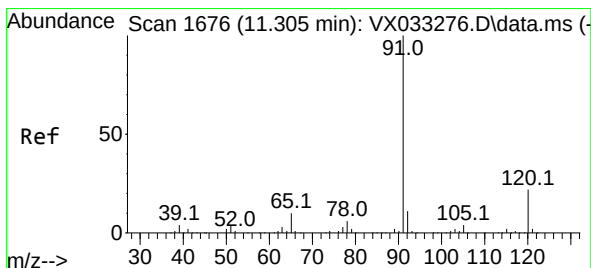
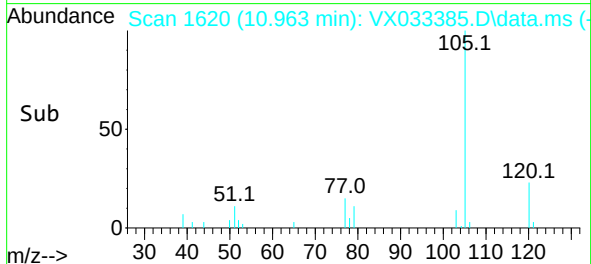
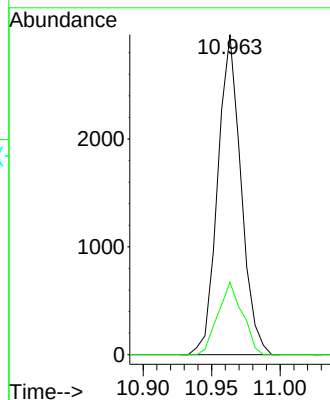
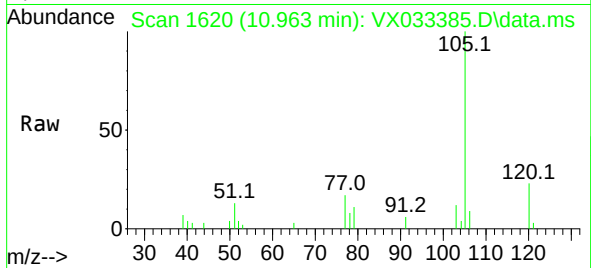
Tgt Ion:105 Resp: 350
 Ion Ratio Lower Upper
 105 100
 120 23.8 13.1 39.3

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#78

n-propylbenzene

Concen: 0.702 ug/l

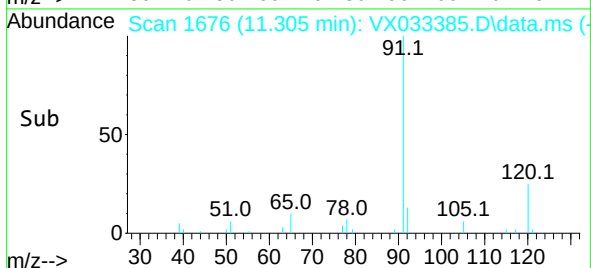
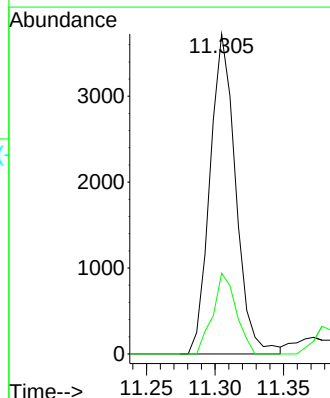
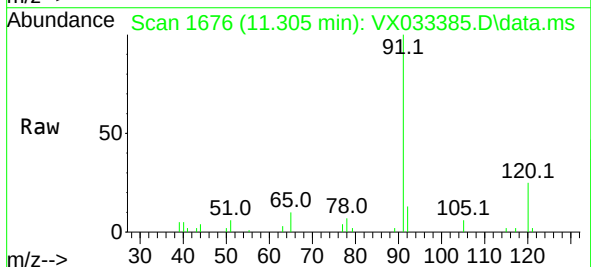
RT: 11.305 min Scan# 1676

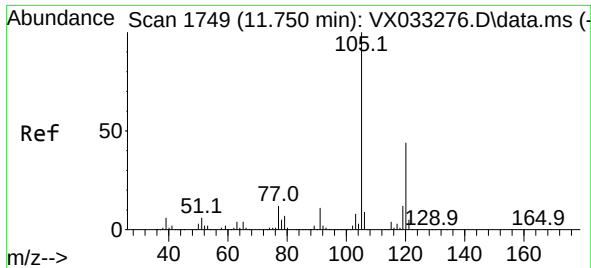
Delta R.T. 0.000 min

Lab File: VX033385.D

Acq: 13 Dec 2022 12:26

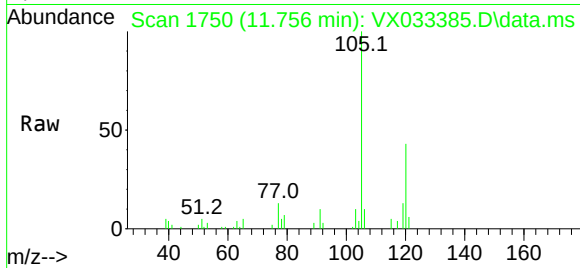
Tgt Ion: 91 Resp: 4869
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.6 34.8





#84
1,2,4-Trimethylbenzene
Concen: 1.450 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

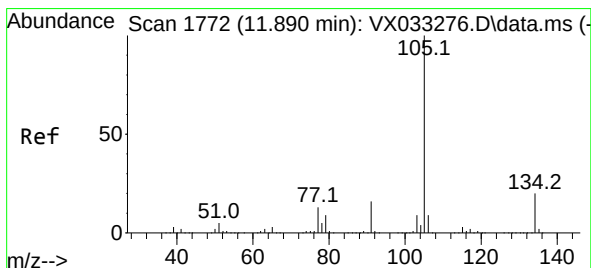
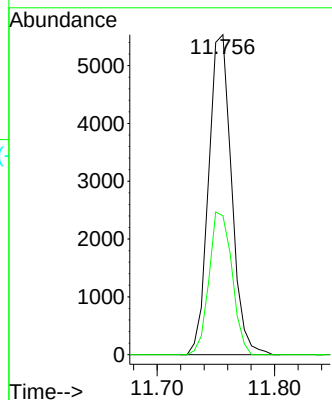
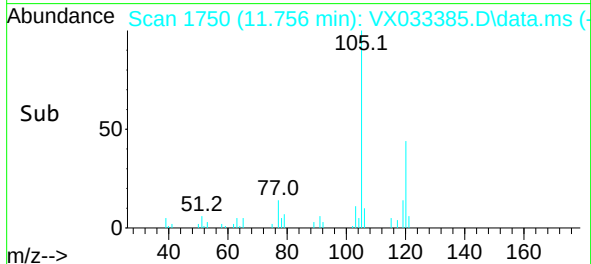
Instrument :
MSVOA_X
ClientSampleId :
MW-1



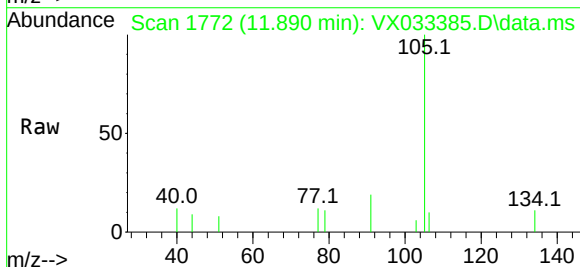
Tgt Ion:105 Resp: 748
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5

Manual Integrations
APPROVED

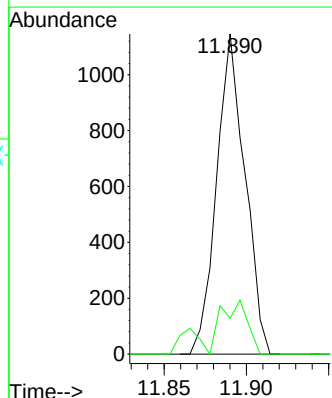
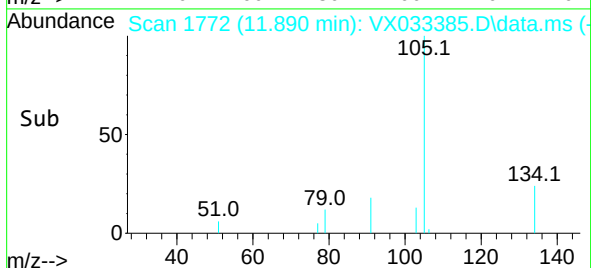
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

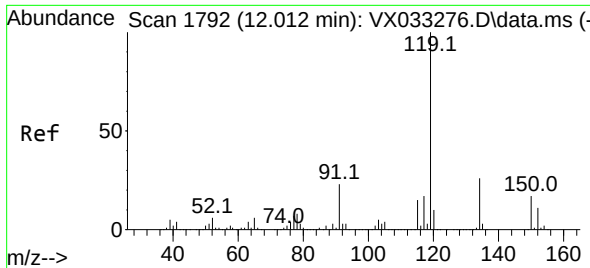


#85
sec-Butylbenzene
Concen: 0.228 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26



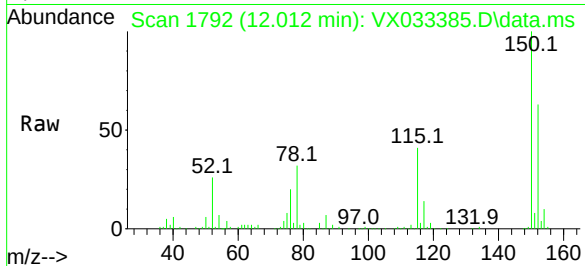
Tgt Ion:105 Resp: 1372
Ion Ratio Lower Upper
105 100
134 15.6 9.9 29.7





#86
p-Isopropyltoluene
Concen: 0.310 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26

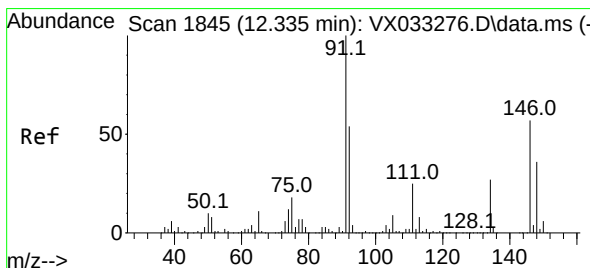
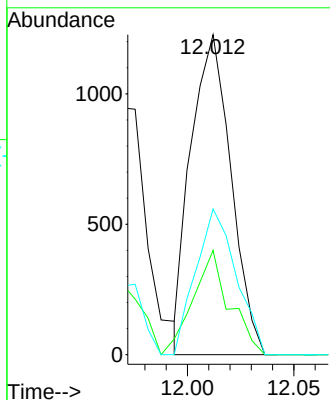
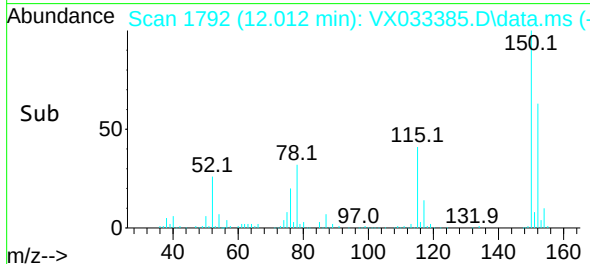
Instrument :
MSVOA_X
ClientSampleId :
MW-1



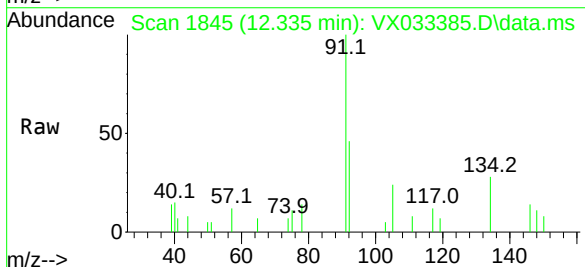
Tgt Ion: 119 Resp: 160
Ion Ratio Lower Upper
119 100
134 20.8 12.9 38.7
91 21.7 12.5 37.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#89
n-Butylbenzene
Concen: 0.432 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033385.D
Acq: 13 Dec 2022 12:26



Tgt Ion: 91 Resp: 1837
Ion Ratio Lower Upper
91 100
92 32.1 26.2 78.6
134 81.0 12.9 38.6#

