

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032637.D
 Acq On : 07 Nov 2022 19:08
 Operator : JC/MD
 Sample : N5497-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 03:17:14 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78588	49.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.680%		
35) Dibromofluoromethane	5.391	113	61134	45.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.440%		
50) Toluene-d8	8.647	98	228679	49.182	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.079	95	93391	51.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	6724	1.681	ug/l #	56
20) Methylene Chloride	2.788	84	1246	0.948	ug/l	91
31) Cyclohexane	5.471	56	3357m	1.756	ug/l	
39) Methylcyclohexane	7.391	83	3439	1.561	ug/l	87
40) Benzene	6.038	78	44037	8.357	ug/l	98
52) Toluene	8.720	92	32424	9.431	ug/l	99
67) Ethyl Benzene	10.195	91	704131	102.622	ug/l	100
68) m/p-Xylenes	10.305	106	1146738	430.405	ug/l	98
69) o-Xylene	10.640	106	524636	202.527	ug/l	100
73) Isopropylbenzene	10.963	105	35270	4.915	ug/l	100
78) n-propylbenzene	11.305	91	97296	11.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	219421	35.775	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	920159	150.838	ug/l	99
85) sec-Butylbenzene	11.890	105	3771m	0.512	ug/l	
86) p-Isopropyltoluene	12.012	119	2565m	0.410	ug/l	
89) n-Butylbenzene	12.317	91	7783m	1.431	ug/l	
95) Naphthalene	13.774	128	334485	47.046	ug/l	100

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

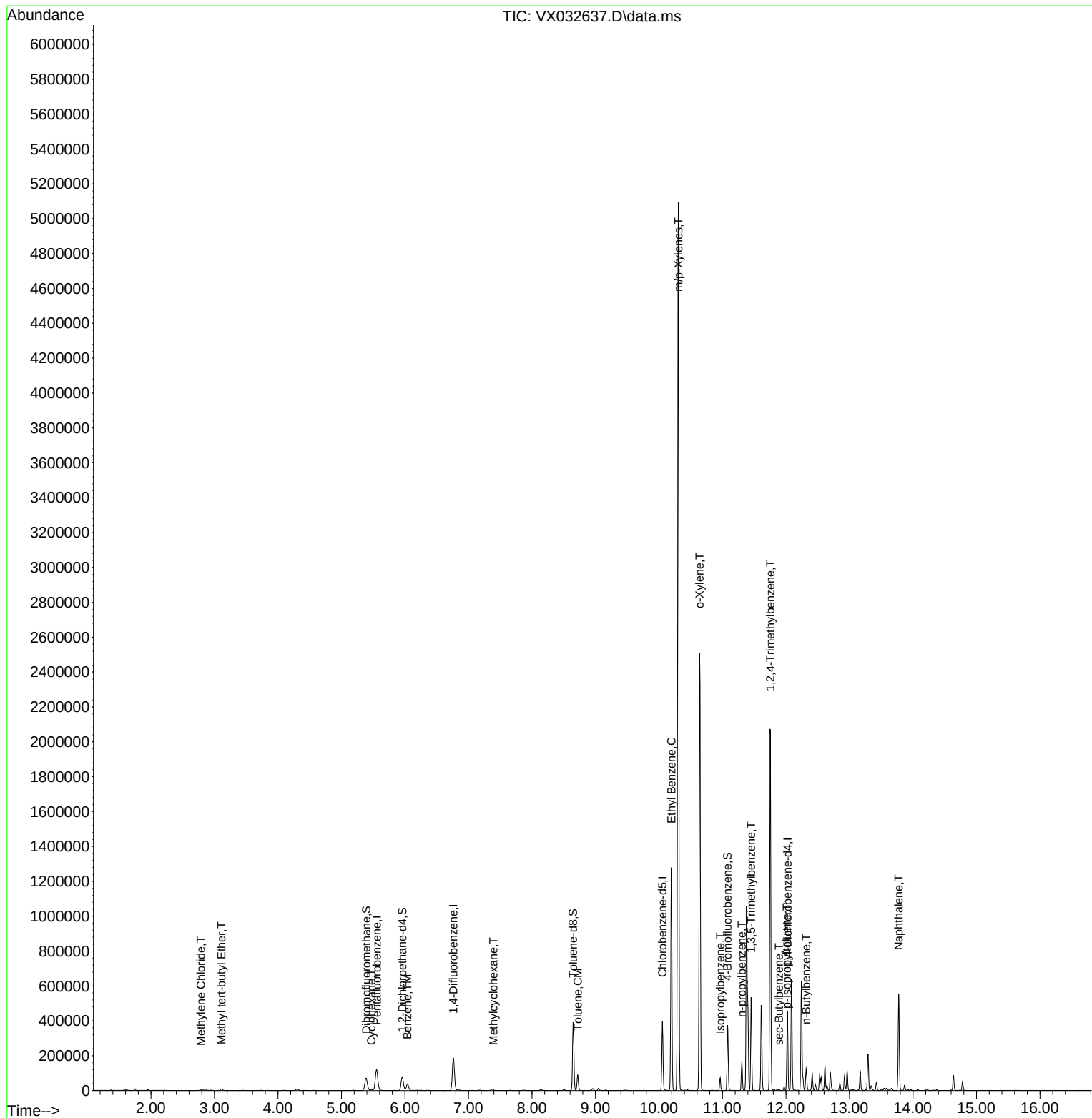
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
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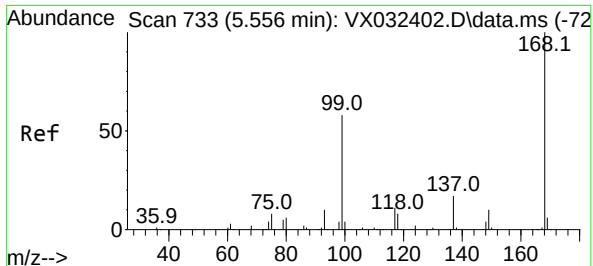
Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Time: Nov 08 03:17:14 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

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APPROVED

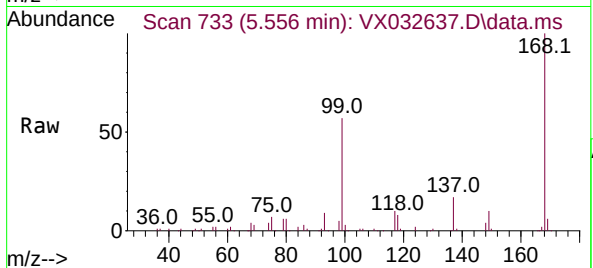
Reviewed By : John Carlone 11/08/2022
Supervised By : Mahesh Dadoda 11/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

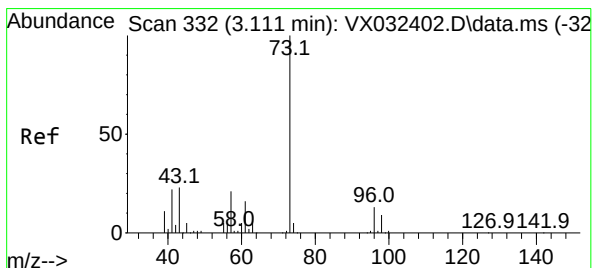
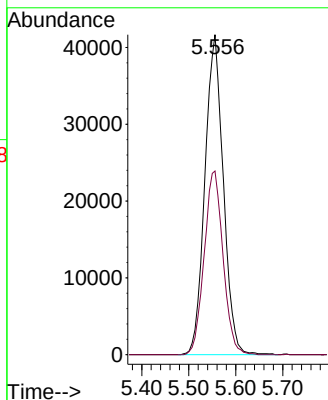
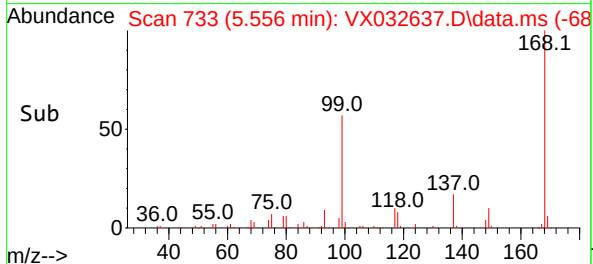
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:168 Resp: 113489
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1

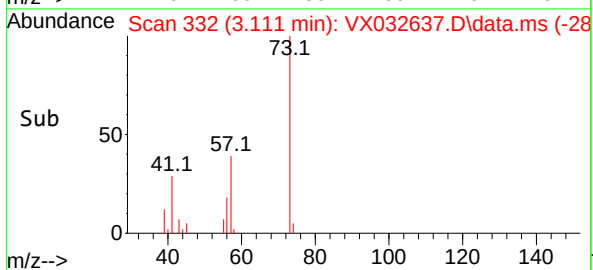
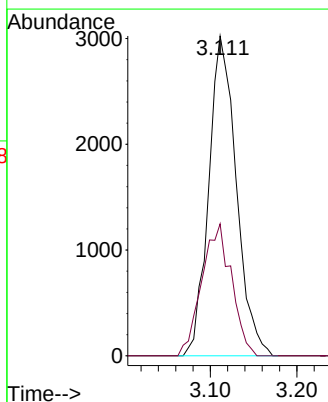
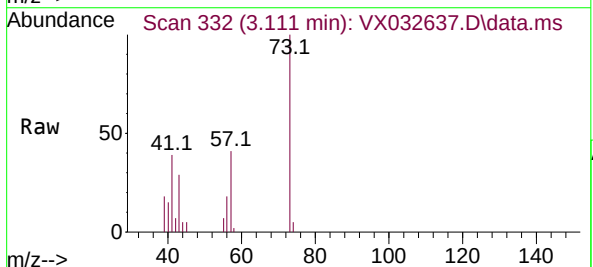
Manual Integrations
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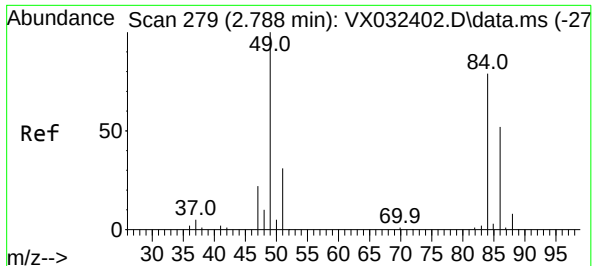
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#19
Methyl tert-butyl Ether
Concen: 1.681 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

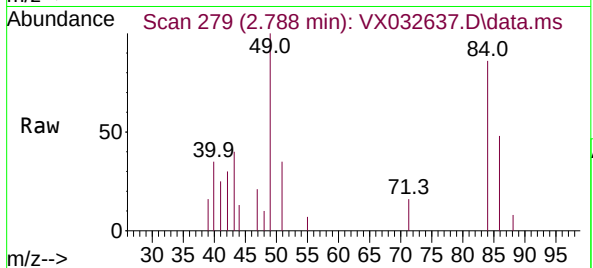
Tgt Ion: 73 Resp: 6724
Ion Ratio Lower Upper
73 100
57 41.3 16.6 25.0#





#20
Methylene Chloride
Concen: 0.948 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
MW-08

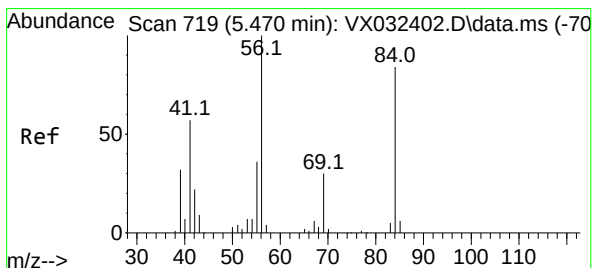
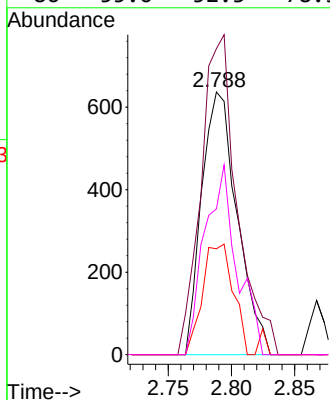
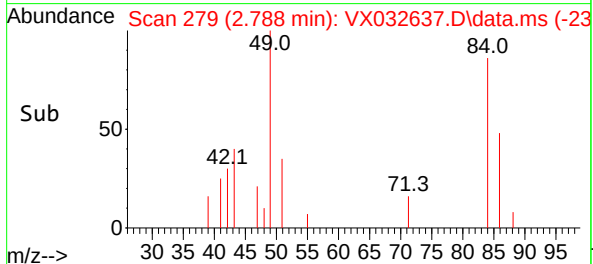


Tgt Ion: 84 Resp: 1246

Ion	Ratio	Lower	Upper
84	100		
49	116.5	101.0	151.6
51	40.3	31.1	46.7
86	55.6	52.3	78.5

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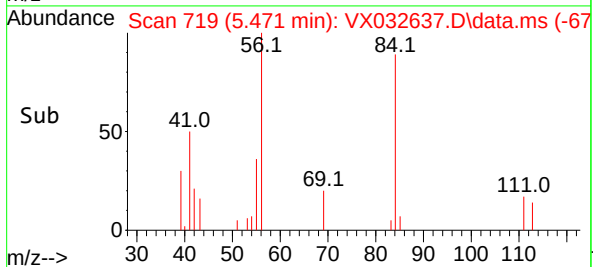
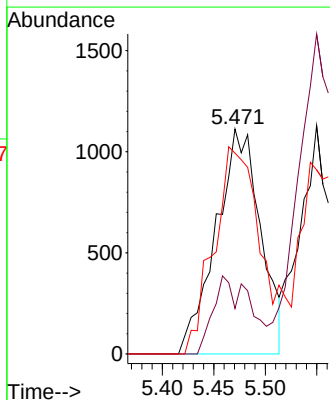
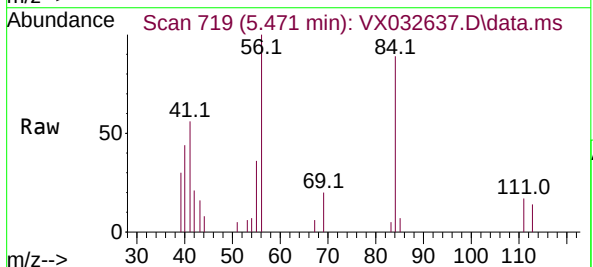
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

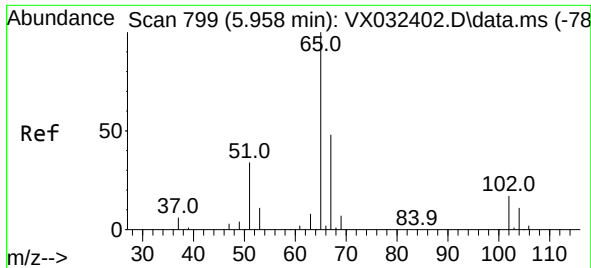


#31
Cyclohexane
Concen: 1.756 ug/l m
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

Tgt Ion: 56 Resp: 3357

Ion	Ratio	Lower	Upper
56	100		
69	20.2	24.1	36.1#
84	89.2	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 49.837 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032637.D

Acq: 07 Nov 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion: 65 Resp: 78588

Ion Ratio Lower Upper

65 100

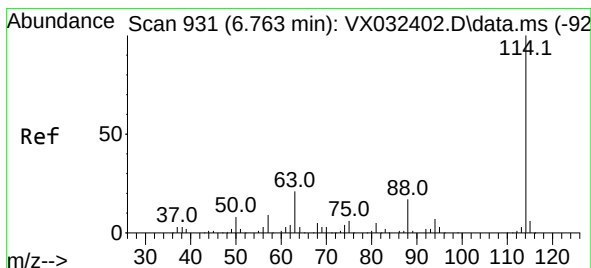
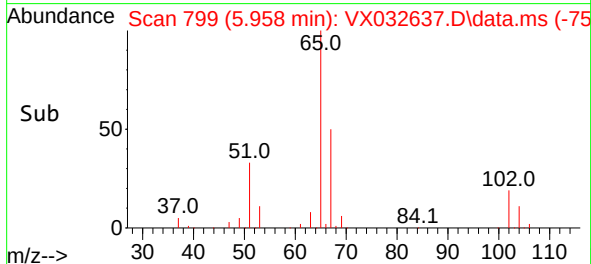
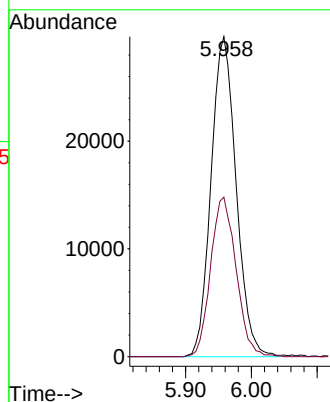
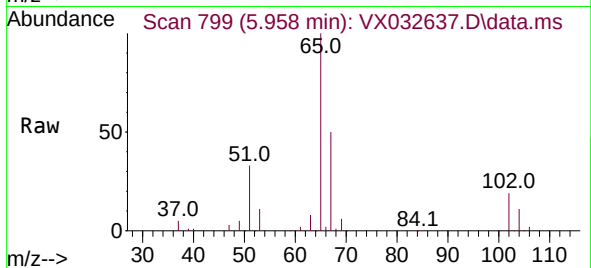
67 50.5 0.0 101.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032637.D

Acq: 07 Nov 2022 19:08

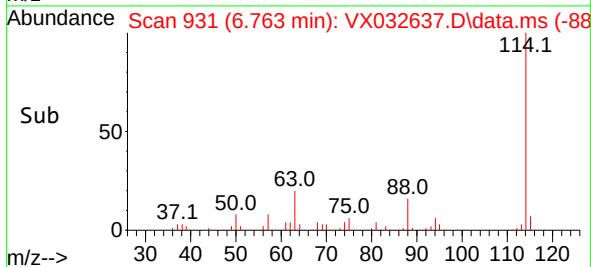
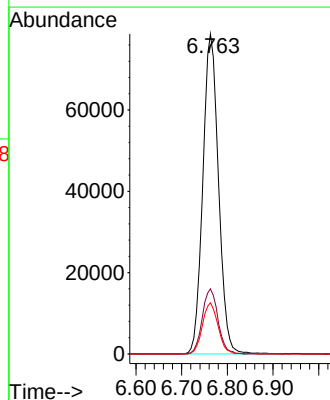
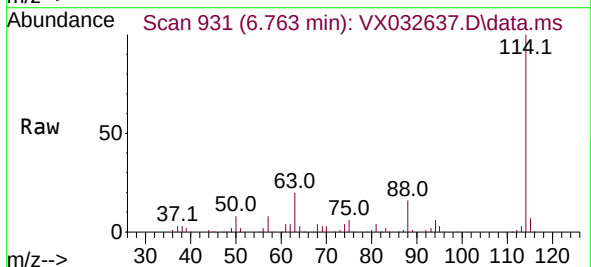
Tgt Ion:114 Resp: 187460

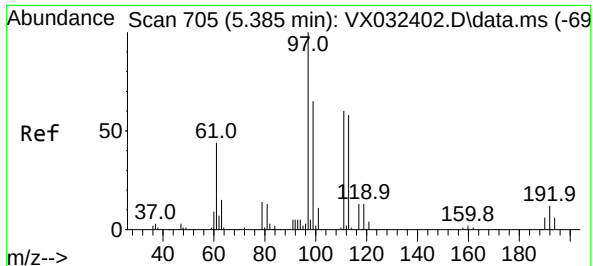
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.719 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032637.D

Acq: 07 Nov 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion:113 Resp: 61134

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

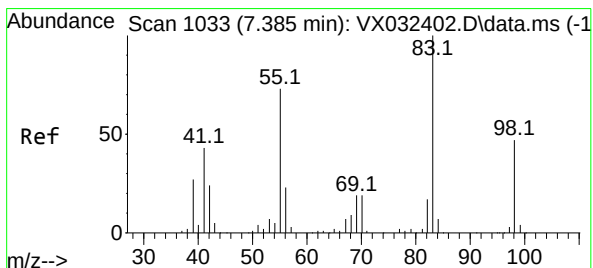
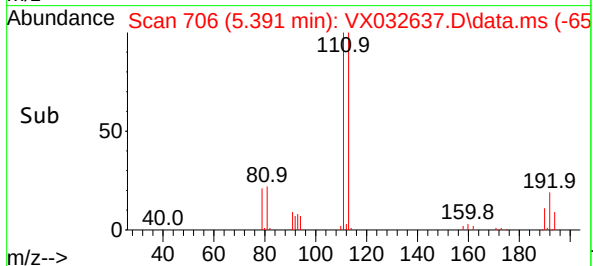
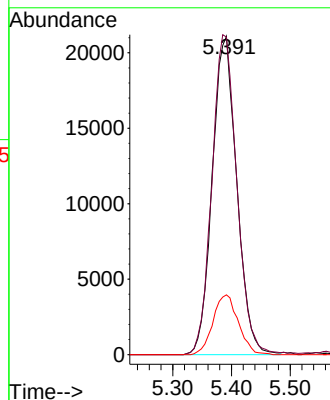
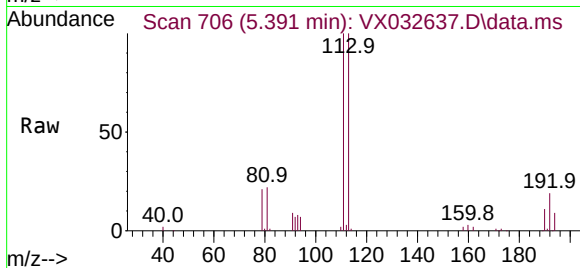
192 19.4 15.4 23.2

Manual Integrations

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Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#39

Methylcyclohexane

Concen: 1.561 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX032637.D

Acq: 07 Nov 2022 19:08

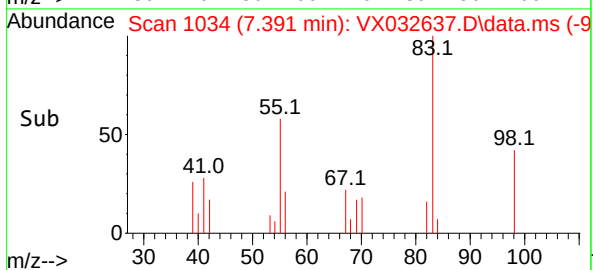
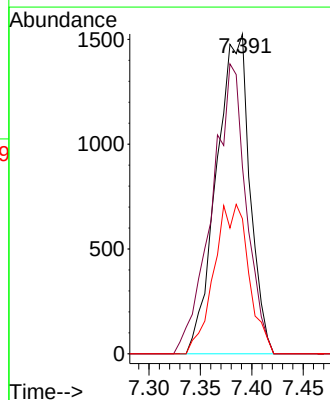
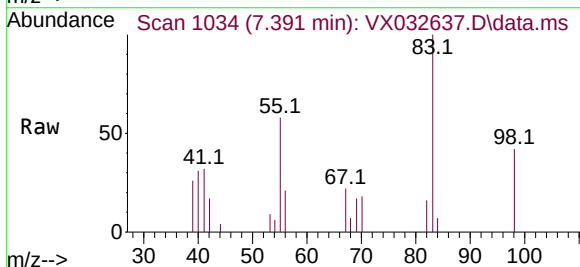
Tgt Ion: 83 Resp: 3439

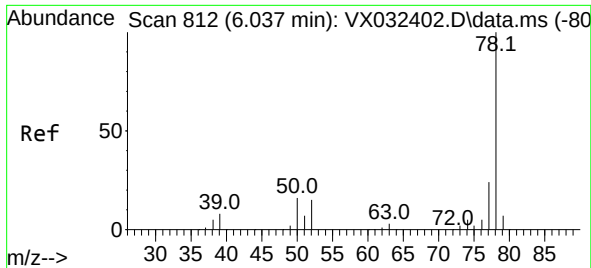
Ion Ratio Lower Upper

83 100

55 58.5 58.4 87.6

98 42.2 37.2 55.8





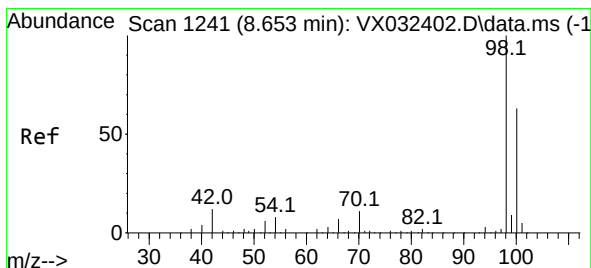
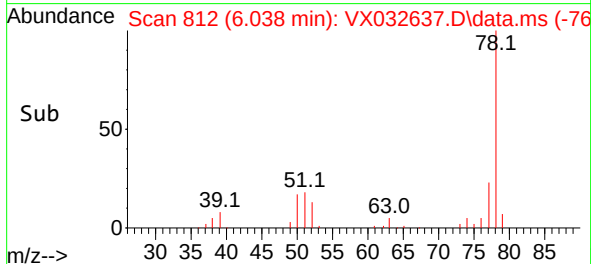
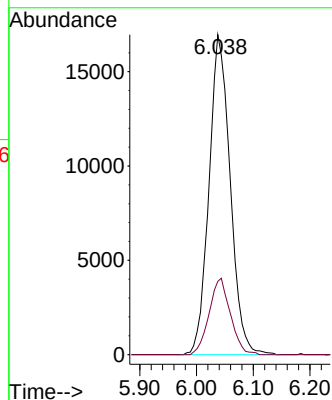
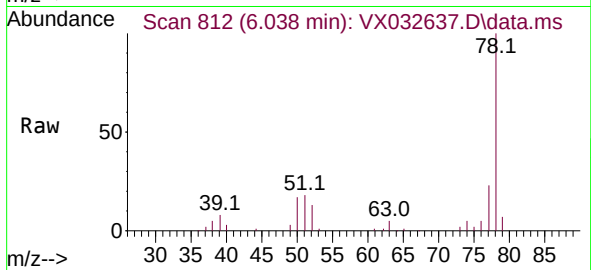
#40
Benzene
Concen: 8.357 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Tgt Ion: 78 Resp: 4403
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4

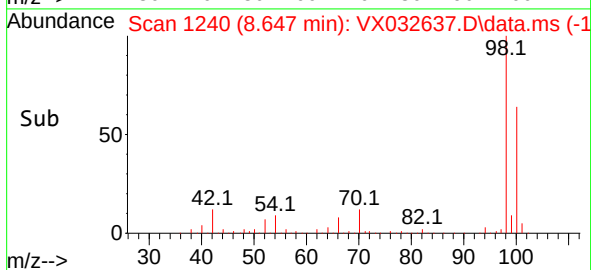
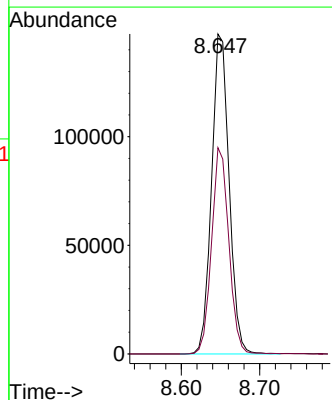
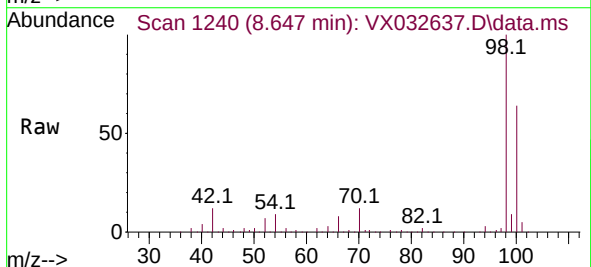
Manual Integrations
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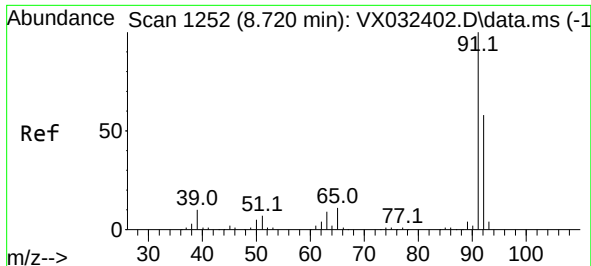
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#50
Toluene-d8
Concen: 49.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

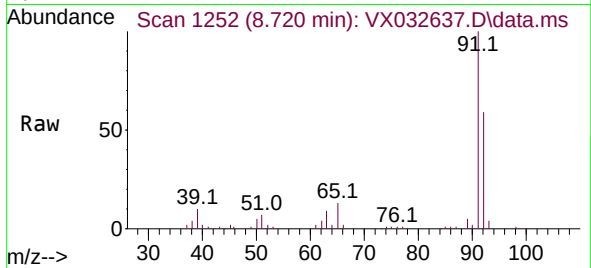
Tgt Ion: 98 Resp: 228679
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#52
Toluene
Concen: 9.431 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

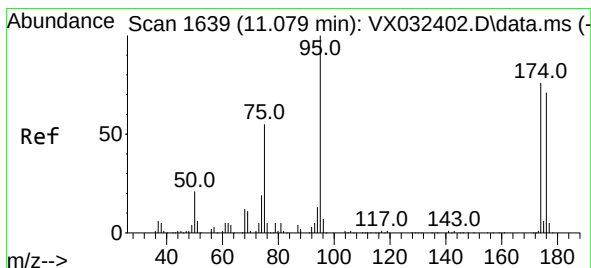
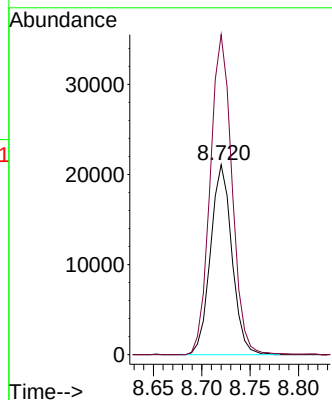
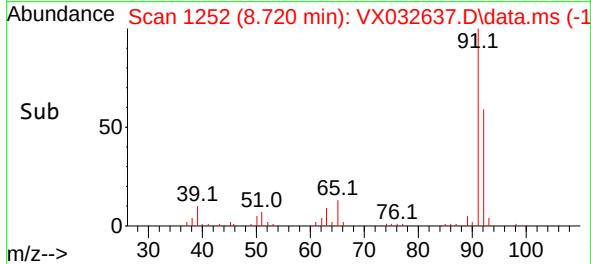
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion: 92 Resp: 32424
Ion Ratio Lower Upper
92 100
91 171.9 138.3 207.5

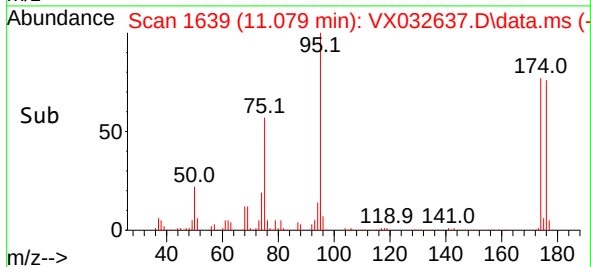
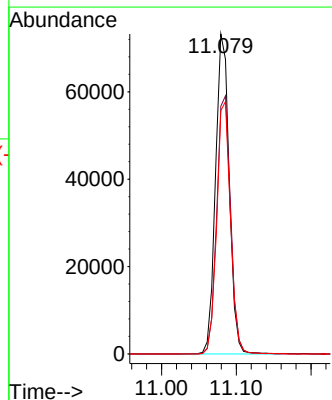
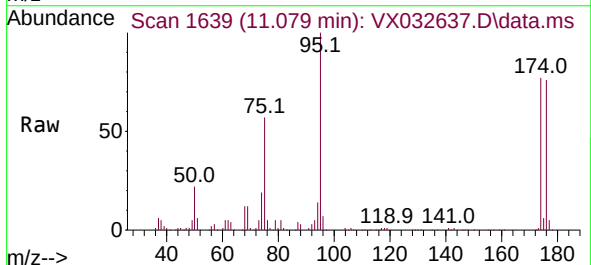
Manual Integrations
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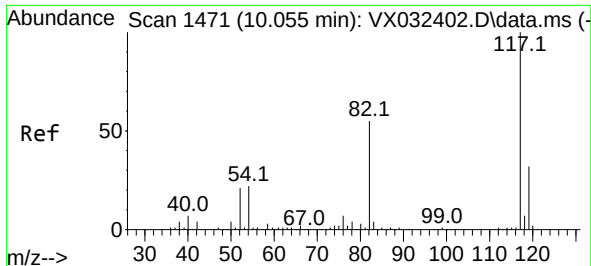
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#62
4-Bromofluorobenzene
Concen: 51.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

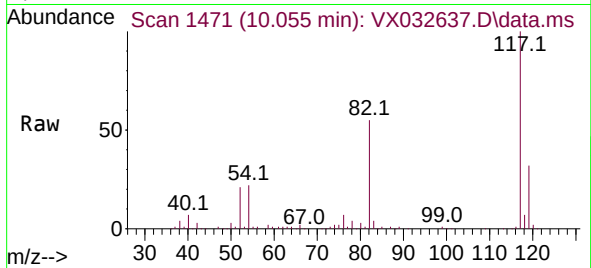
Tgt Ion: 95 Resp: 93391
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 79.0 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

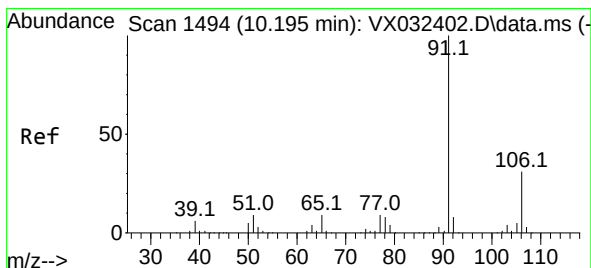
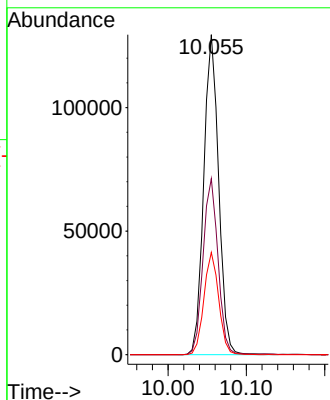
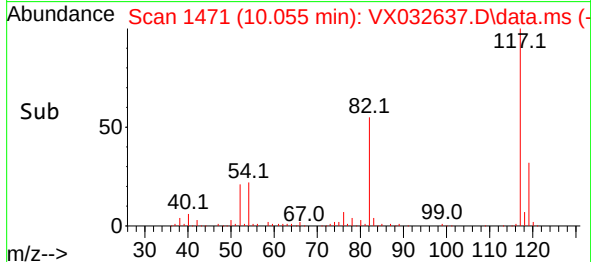
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:117 Resp: 171289
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.9 25.7 38.5

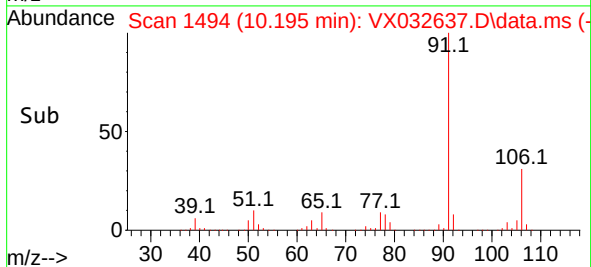
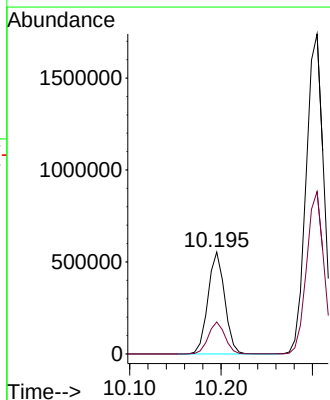
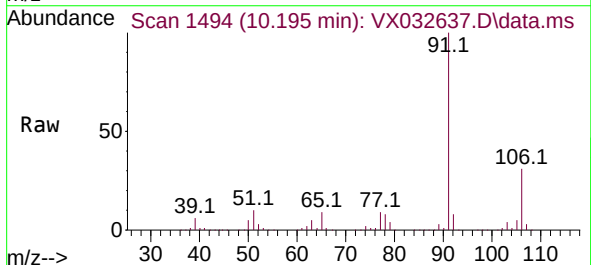
Manual Integrations
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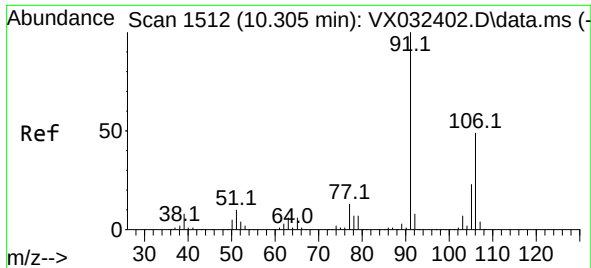
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#67
Ethyl Benzene
Concen: 102.622 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

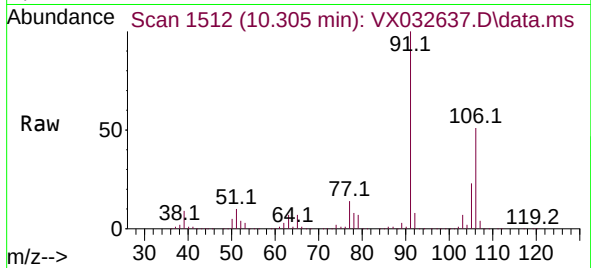
Tgt Ion: 91 Resp: 704131
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6





#68
m/p-Xylenes
Concen: 430.405 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

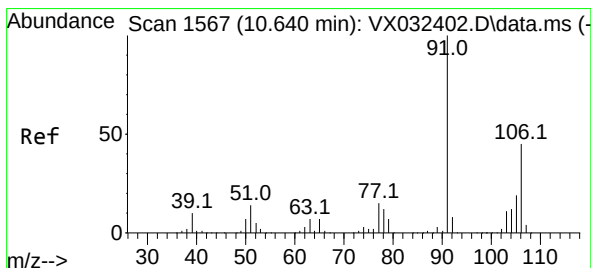
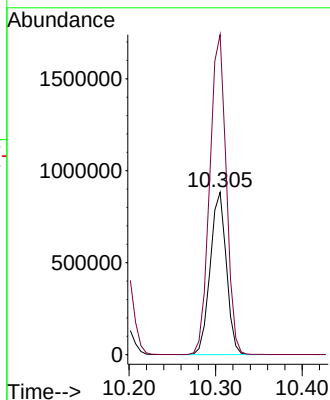
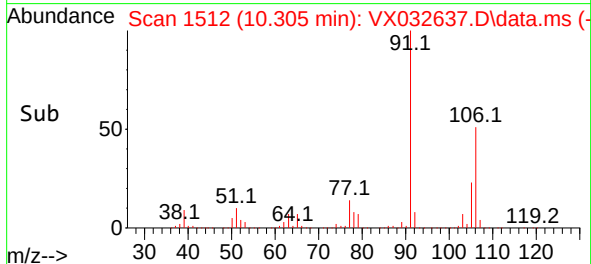
Instrument :
MSVOA_X
ClientSampleId :
MW-08



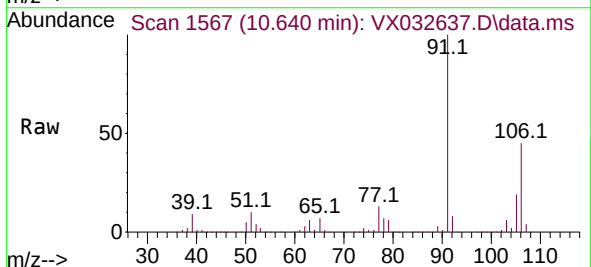
Tgt Ion:106 Resp: 1146738
Ion Ratio Lower Upper
106 100
91 201.8 164.5 246.7

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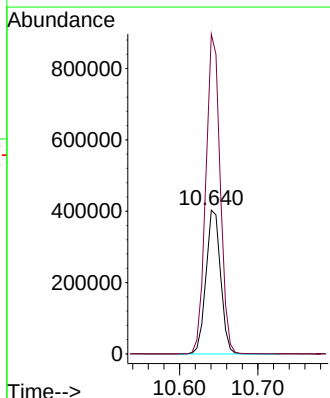
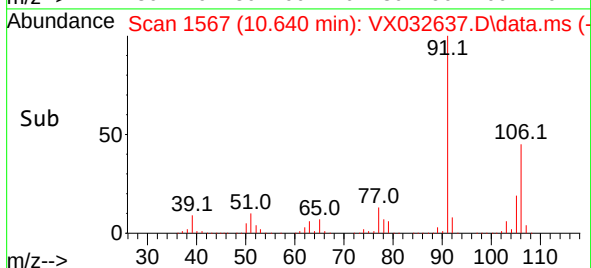
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

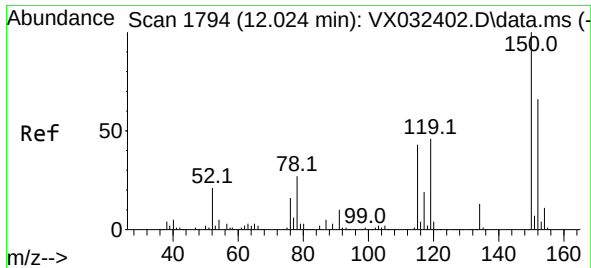


#69
o-Xylene
Concen: 202.527 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08



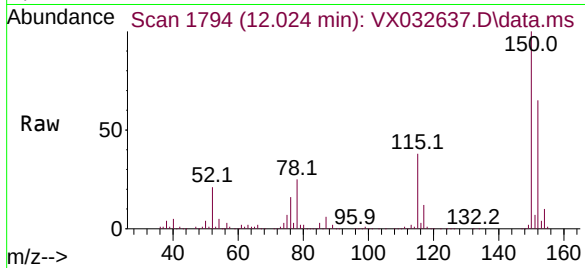
Tgt Ion:106 Resp: 524636
Ion Ratio Lower Upper
106 100
91 218.3 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

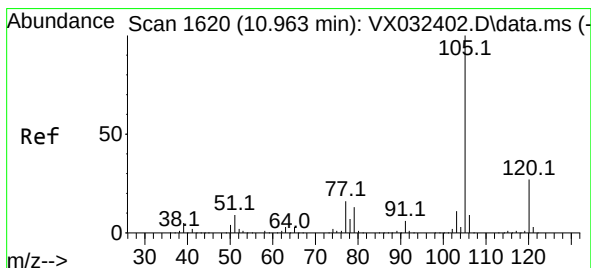
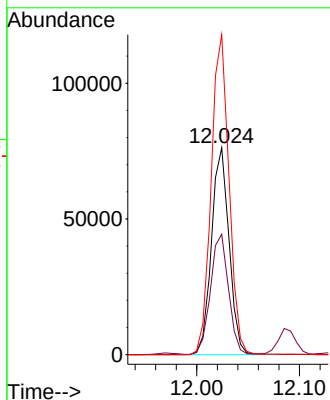
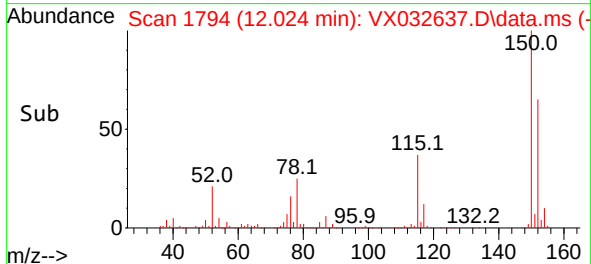
Instrument :
MSVOA_X
ClientSampleId :
MW-08



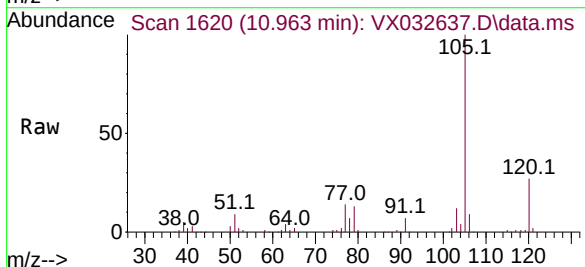
Tgt Ion:152 Resp: 90564
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 156.6 0.0 351.8

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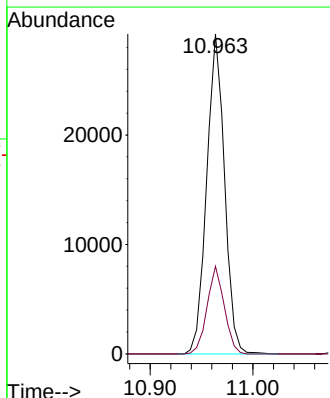
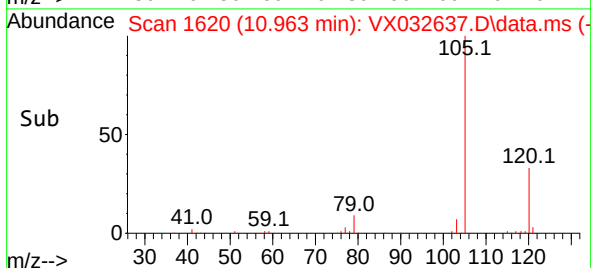
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

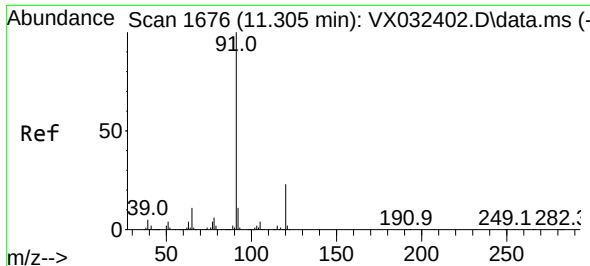


#73
Isopropylbenzene
Concen: 4.915 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08



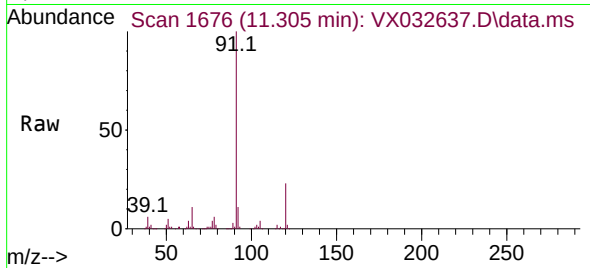
Tgt Ion:105 Resp: 35270
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3





#78
n-propylbenzene
Concen: 11.767 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

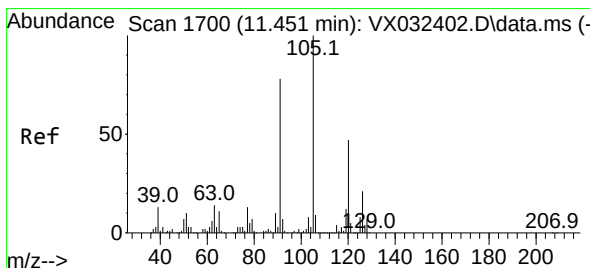
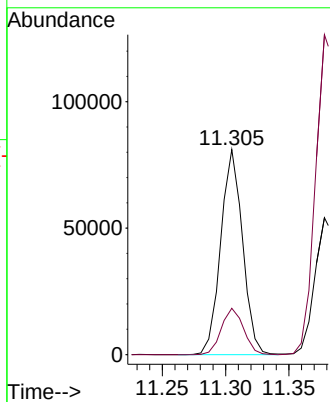
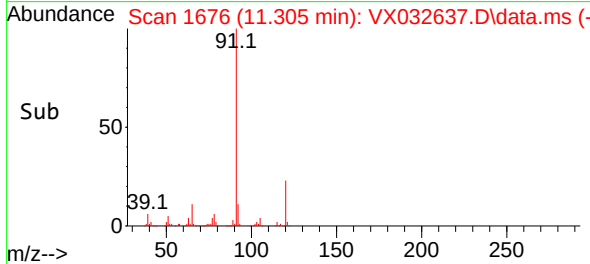
Instrument :
MSVOA_X
ClientSampleId :
MW-08



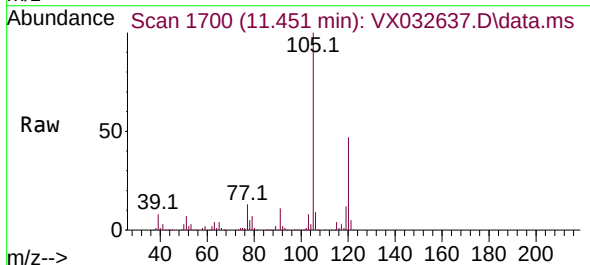
Tgt Ion: 91 Resp: 97296
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

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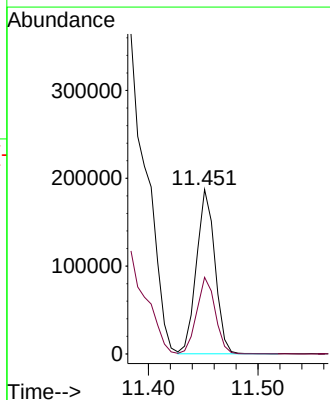
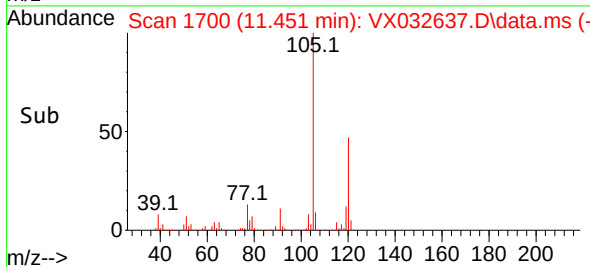
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

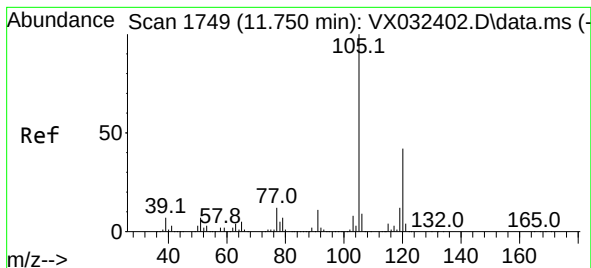


#80
1,3,5-Trimethylbenzene
Concen: 35.775 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08



Tgt Ion:105 Resp: 219421
Ion Ratio Lower Upper
105 100
120 46.7 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 150.838 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032637.D

Acq: 07 Nov 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion:105 Resp: 920159

Ion Ratio Lower Upper

105 100

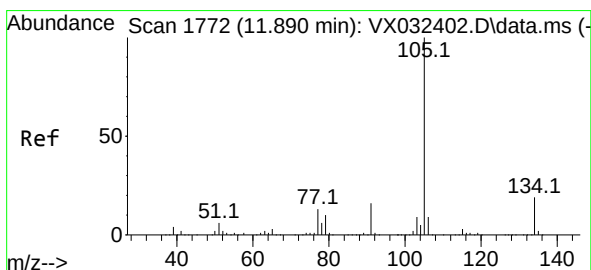
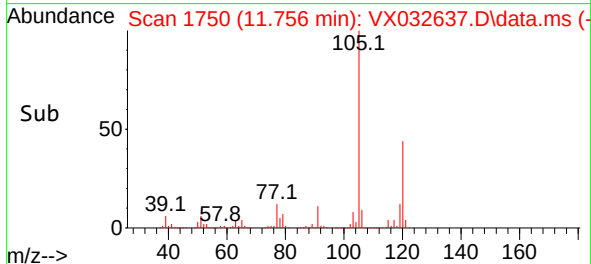
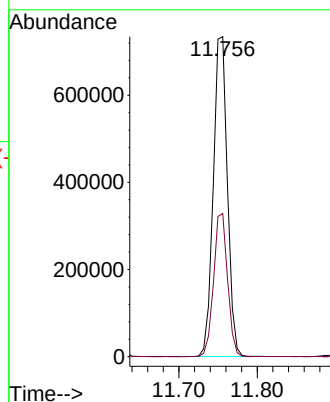
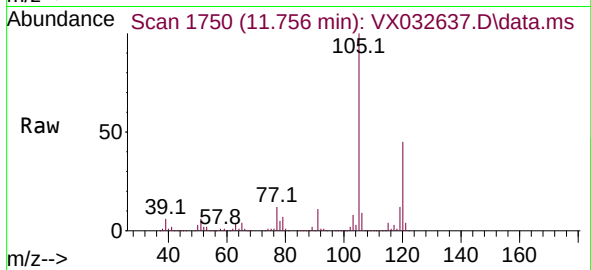
120 44.3 21.9 65.5

Manual Integrations

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Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#85

sec-Butylbenzene

Concen: 0.512 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032637.D

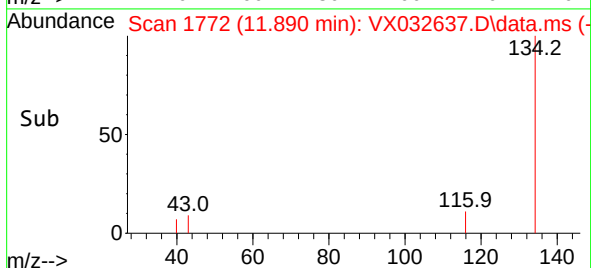
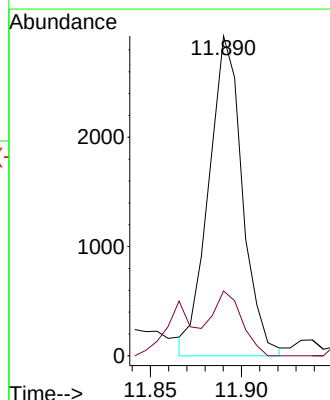
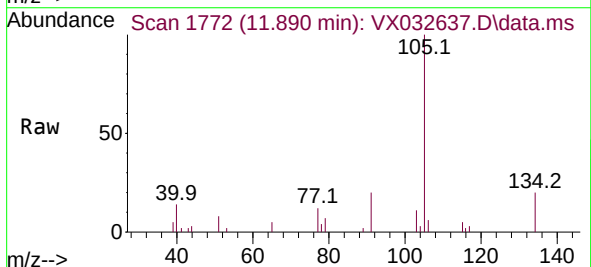
Acq: 07 Nov 2022 19:08

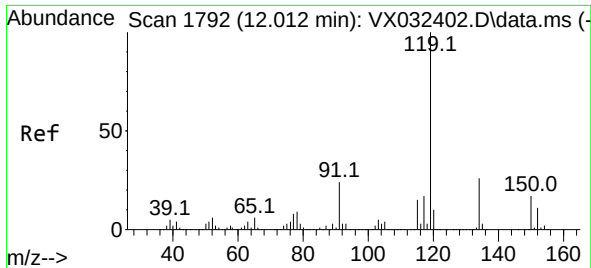
Tgt Ion:105 Resp: 3771

Ion Ratio Lower Upper

105 100

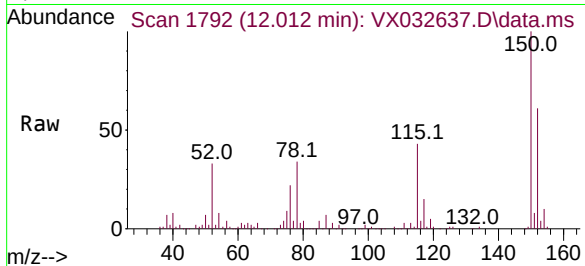
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 0.410 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

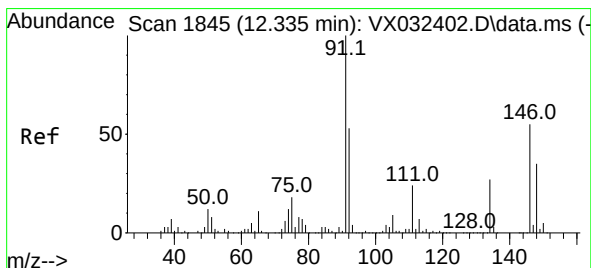
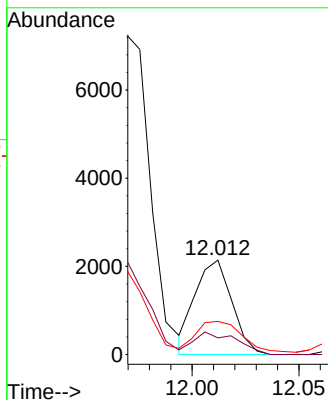
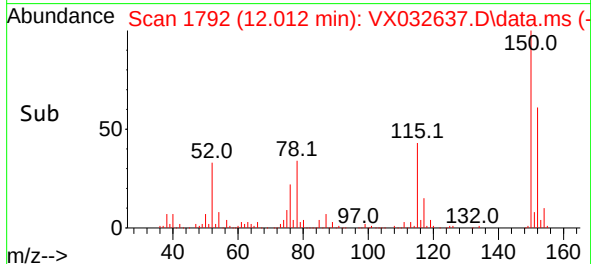
Instrument :
MSVOA_X
ClientSampleId :
MW-08



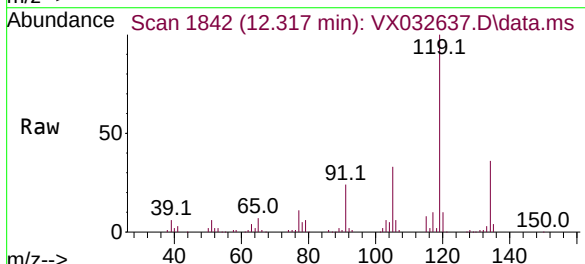
Tgt Ion: 119 Resp: 256
Ion Ratio Lower Upper
119 100
134 104.8 12.9 38.7
91 0.0 12.5 37.5

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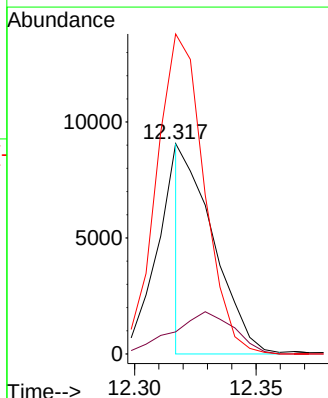
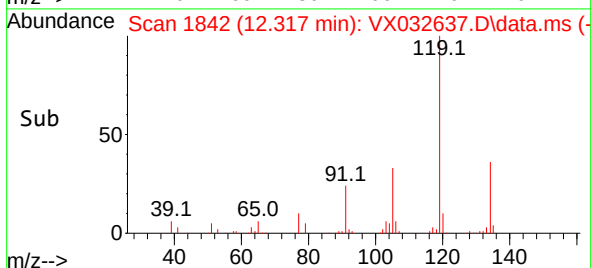
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

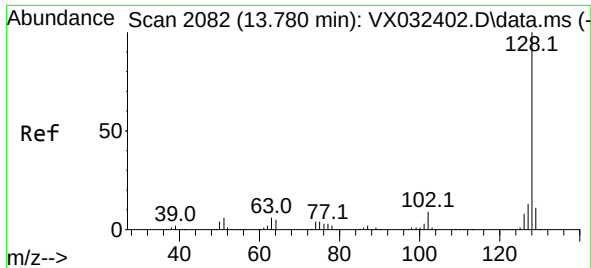


#89
n-Butylbenzene
Concen: 1.431 ug/l m
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08



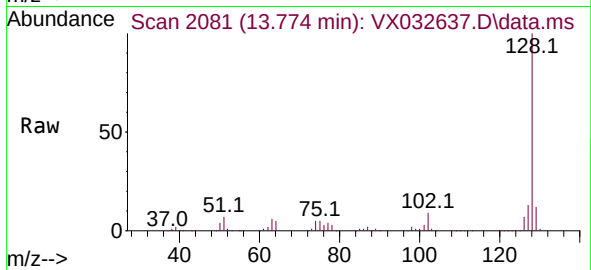
Tgt Ion: 91 Resp: 7783
Ion Ratio Lower Upper
91 100
92 41.0 26.2 78.6
134 241.4 12.9 38.6





#95
Naphthalene
Concen: 47.046 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032637.D
Acq: 07 Nov 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:128 Resp: 334485
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.9 13.3

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

