

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032290.D
 Acq On : 21 Oct 2022 15:49
 Operator : JC/MD
 Sample : N5185-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-02

Quant Time: Oct 22 05:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89335	48.023	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.391	113	68935	44.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.700%		
50) Toluene-d8	8.647	98	263857	47.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	93812	46.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.600%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	18866	53.897	ug/l #	74
16) Acetone	2.380	43	3759m	6.227	ug/l	
19) Methyl tert-butyl Ether	3.117	73	62759m	14.269	ug/l	
25) 2-Butanone	4.574	43	2445	2.594	ug/l #	83
31) Cyclohexane	5.477	56	111295	52.334	ug/l	95
39) Methylcyclohexane	7.379	83	56862	24.075	ug/l	90
40) Benzene	6.037	78	562875	98.227	ug/l	99
52) Toluene	8.720	92	12789	3.445	ug/l	98
67) Ethyl Benzene	10.195	91	816591	116.899	ug/l	99
68) m/p-Xylenes	10.305	106	98629	35.753	ug/l	97
69) o-Xylene	10.640	106	4299	1.627	ug/l	99
73) Isopropylbenzene	10.963	105	146127	22.032	ug/l	100
78) n-propylbenzene	11.305	91	348189	45.848	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	53051	9.260	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	56338	10.115	ug/l	100
85) sec-Butylbenzene	11.890	105	18400	2.656	ug/l	97
86) p-Isopropyltoluene	12.012	119	3146	0.534	ug/l #	73
89) n-Butylbenzene	12.335	91	21045	4.054	ug/l #	65
95) Naphthalene	13.774	128	251993	39.345	ug/l	100

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

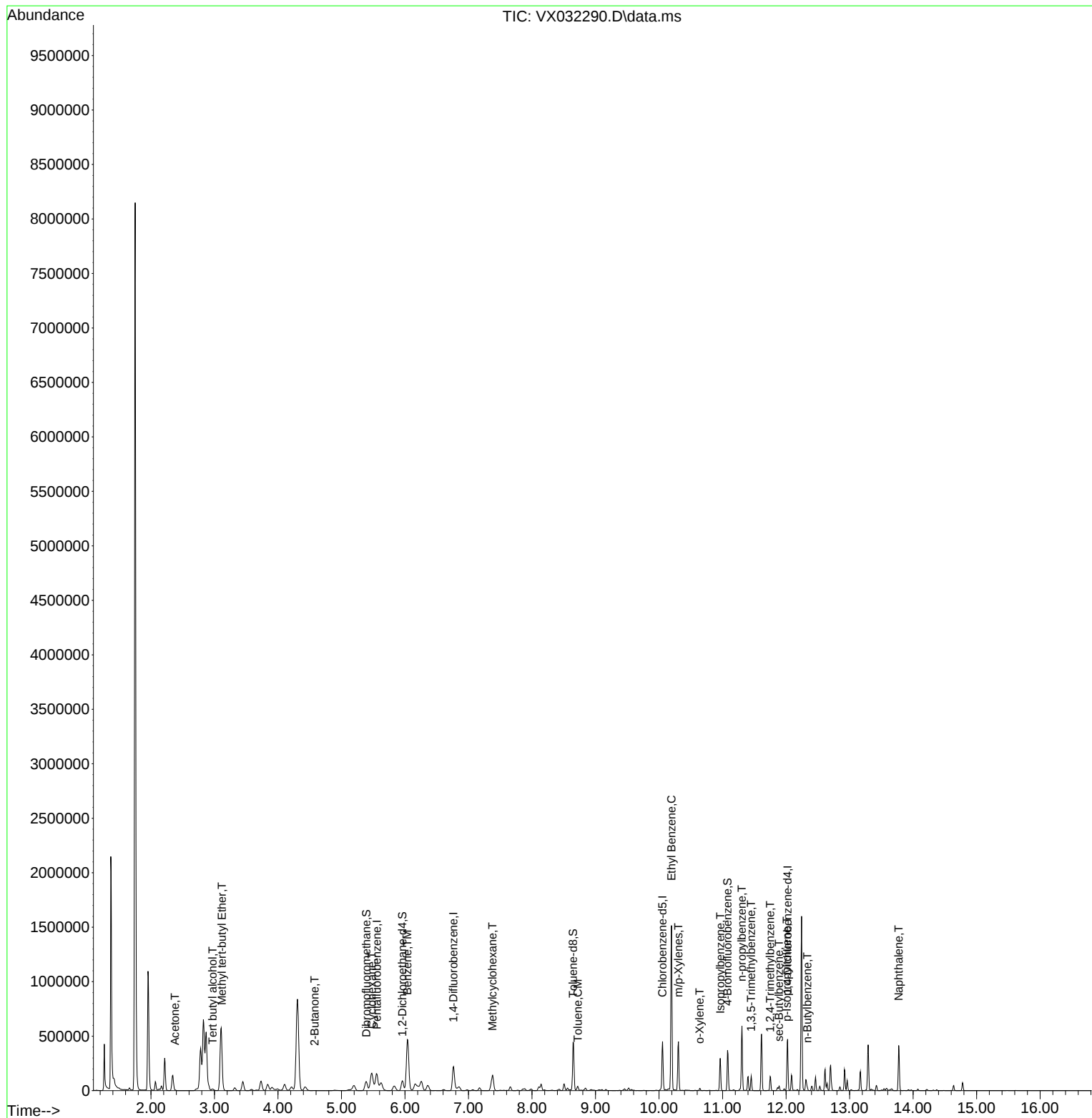
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
Data File : VX032290.D
Acq On : 21 Oct 2022 15:49
Operator : JC/MD
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ClientSampleId :
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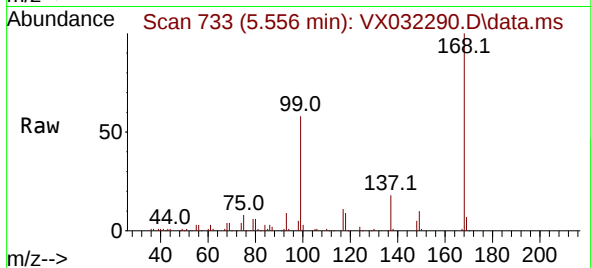
Quant Time: Oct 22 05:10:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

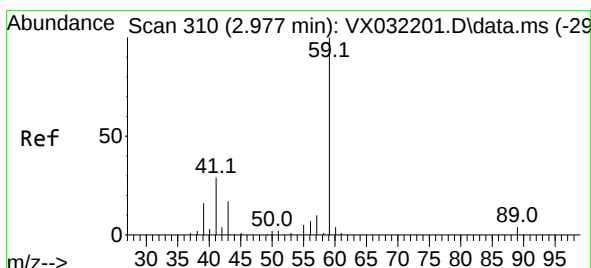
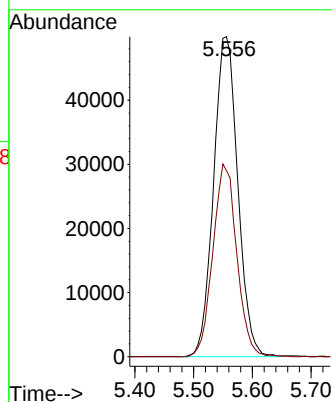
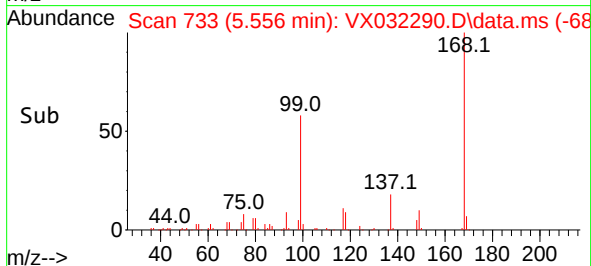
Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion:168 Resp: 14299
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

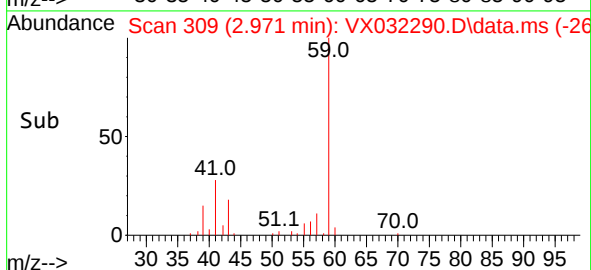
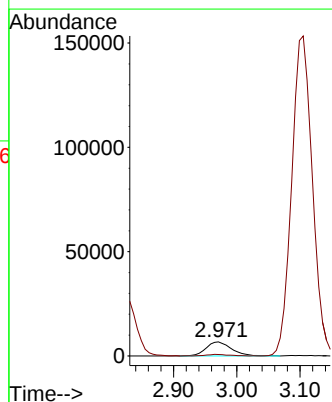
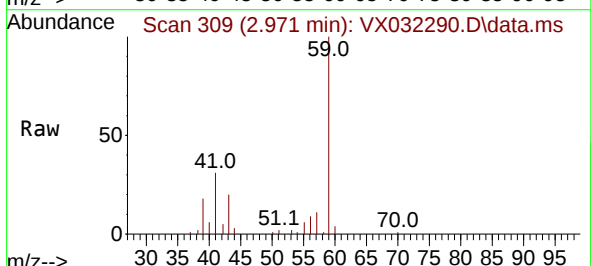
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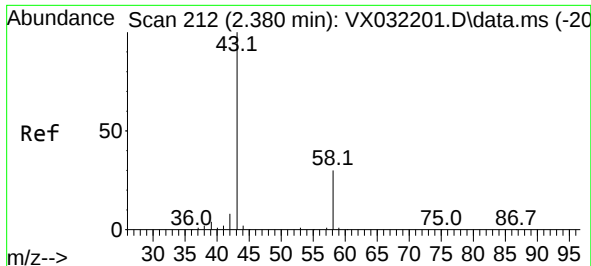
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#11
Tert butyl alcohol
Concen: 53.897 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

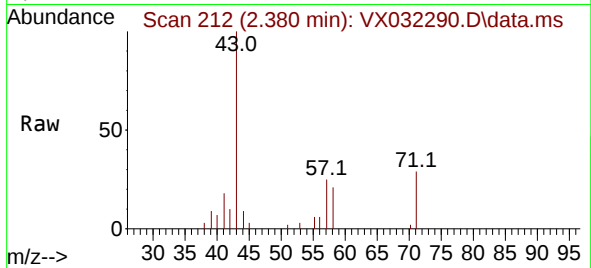
Tgt Ion: 59 Resp: 18866
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#





#16
Acetone
Concen: 6.227 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

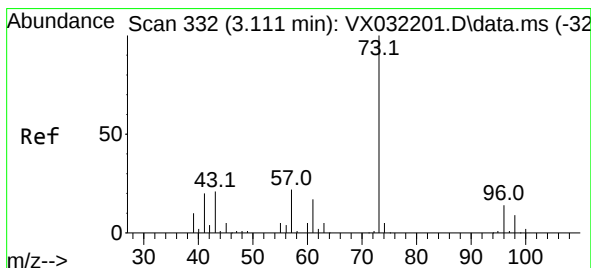
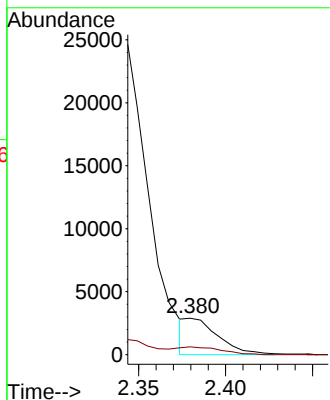
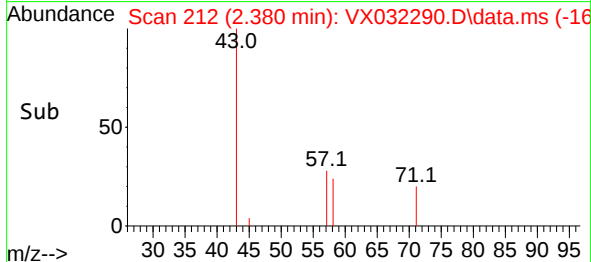
Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion: 43 Resp: 3759
Ion Ratio Lower Upper
43 100
58 21.3 24.2 36.2

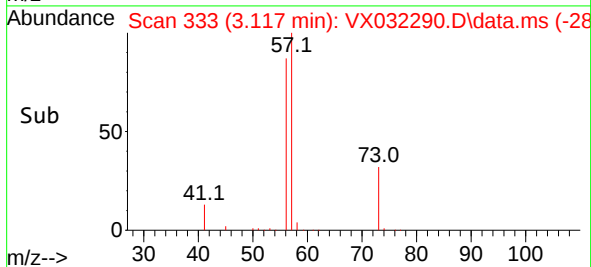
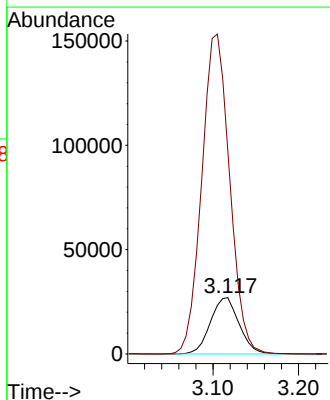
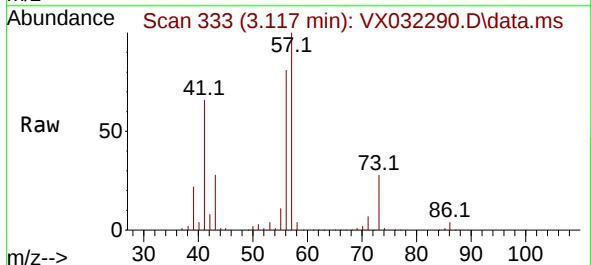
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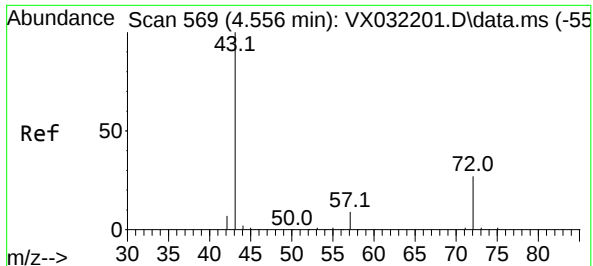
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#19
Methyl tert-butyl Ether
Concen: 14.269 ug/l m
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 73 Resp: 62759
Ion Ratio Lower Upper
73 100
57 361.2 17.4 26.2





#25

2-Butanone

Concen: 2.594 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

RW-02

Tgt Ion: 43 Resp: 244

Ion Ratio Lower Upper

43 100

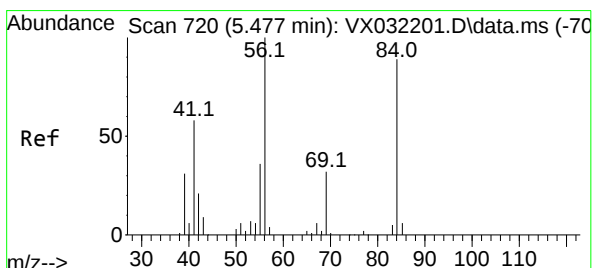
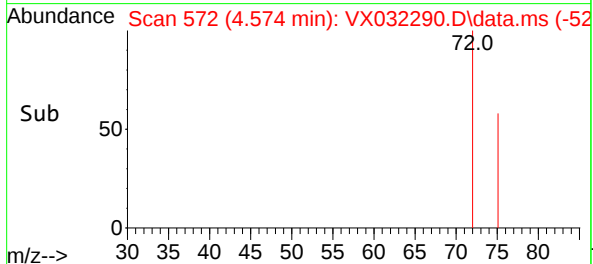
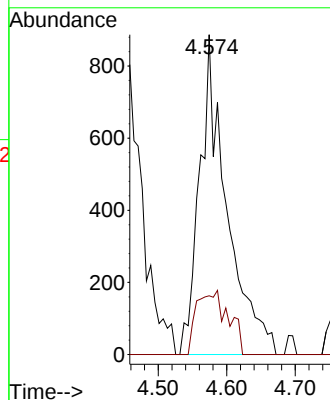
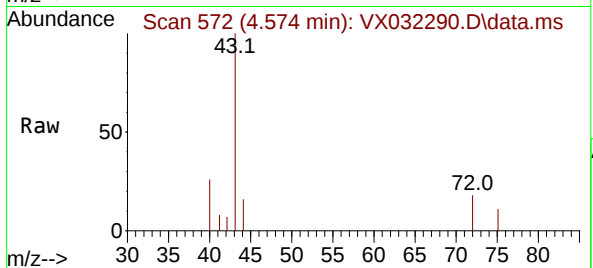
72 18.4 21.7 32.5

Manual Integrations

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#31

Cyclohexane

Concen: 52.334 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

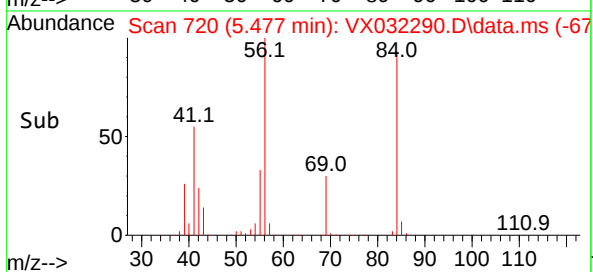
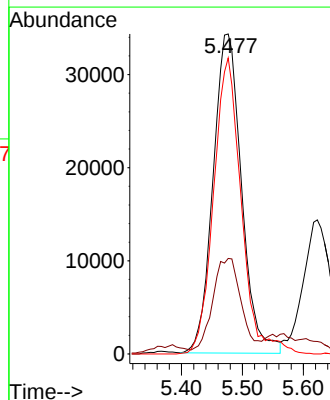
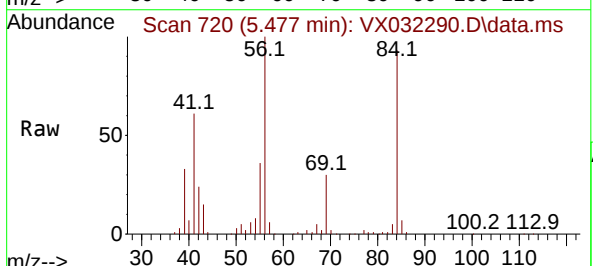
Tgt Ion: 56 Resp: 111295

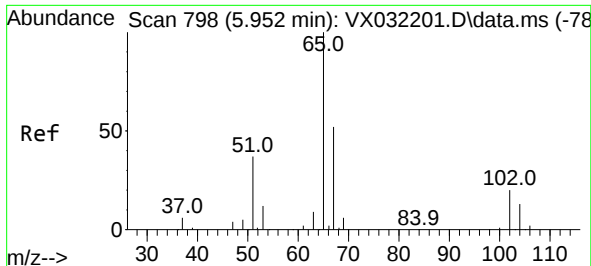
Ion Ratio Lower Upper

56 100

69 28.1 25.4 38.0

84 92.7 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.023 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

RW-02

Tgt Ion: 65 Resp: 89335

Ion Ratio Lower Upper

65 100

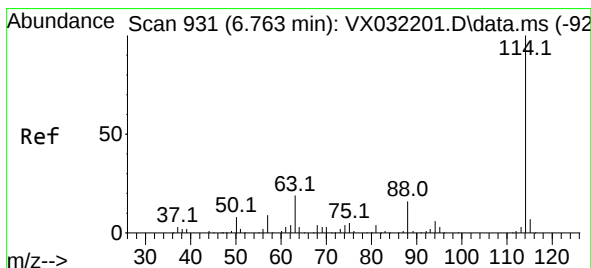
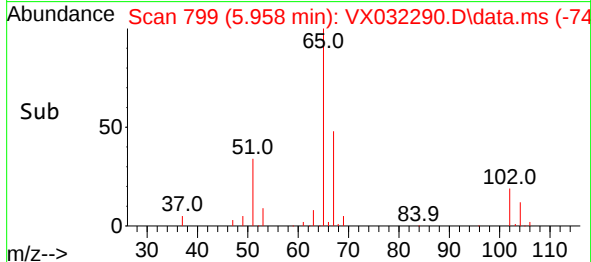
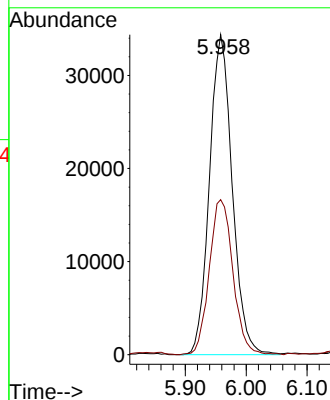
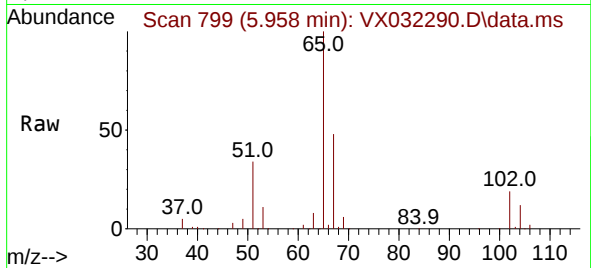
67 50.3 0.0 103.6

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Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

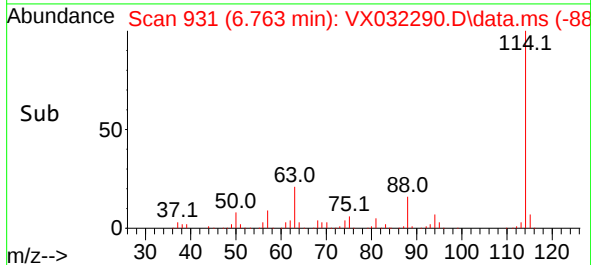
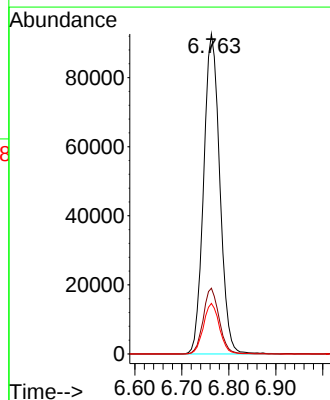
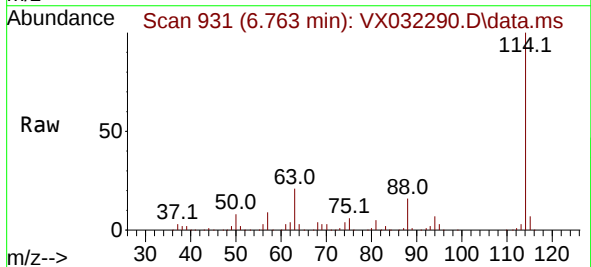
Tgt Ion:114 Resp: 220877

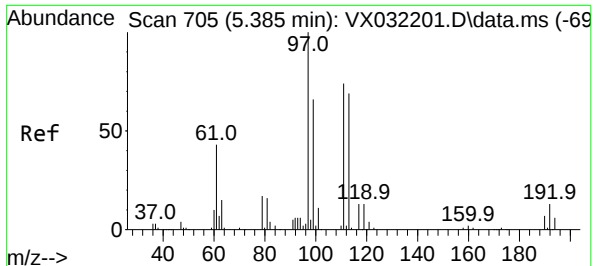
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.6

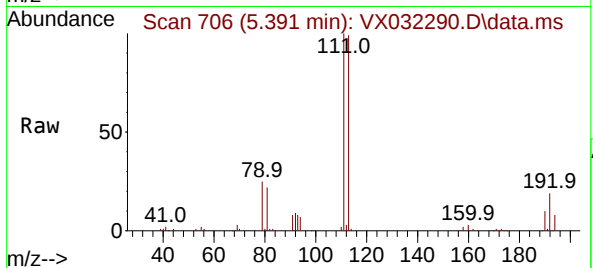
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 44.850 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

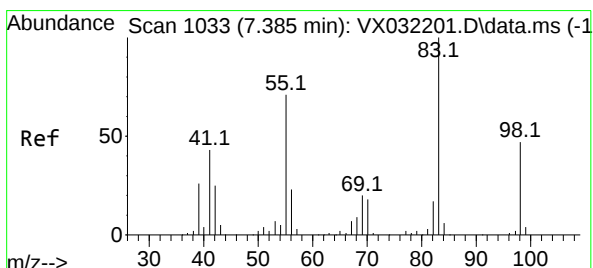
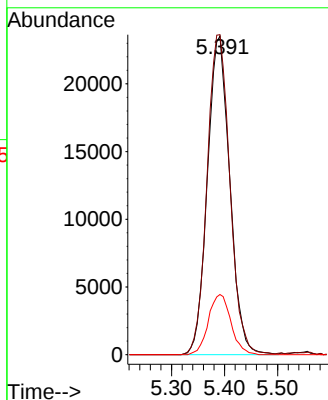
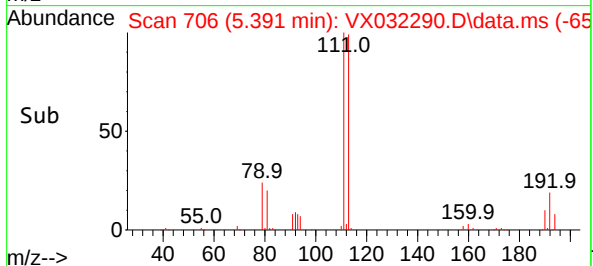
Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion: 113 Resp: 6893
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.0 15.5 23.3

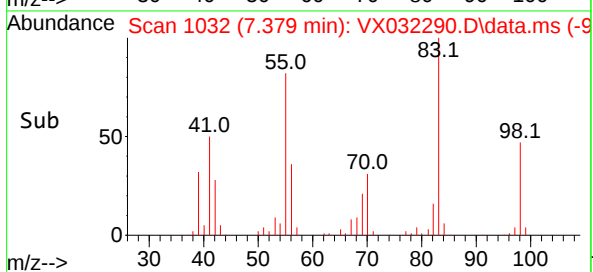
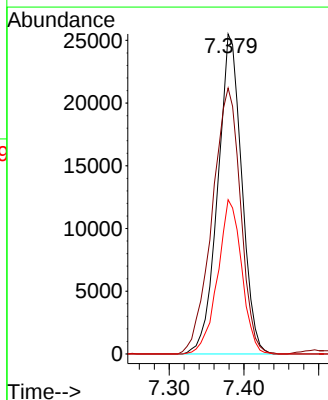
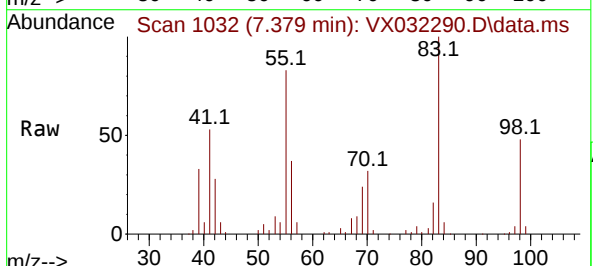
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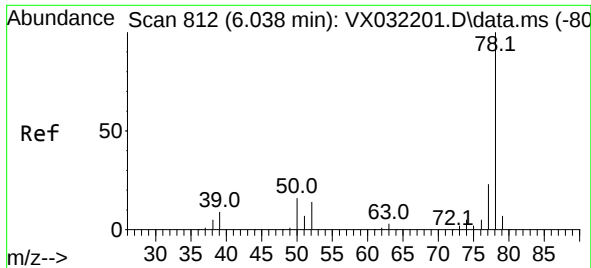
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#39
Methylcyclohexane
Concen: 24.075 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 83 Resp: 56862
Ion Ratio Lower Upper
83 100
55 83.1 56.6 85.0
98 48.2 37.4 56.0





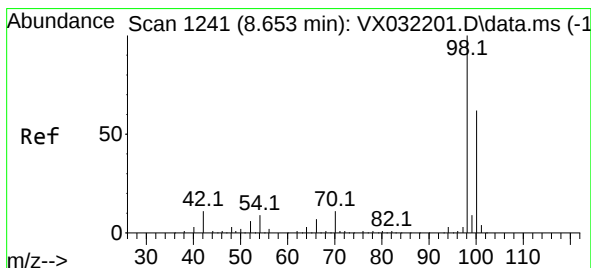
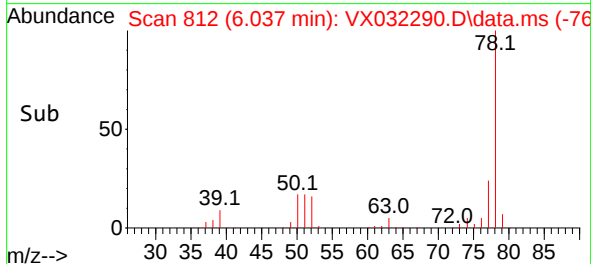
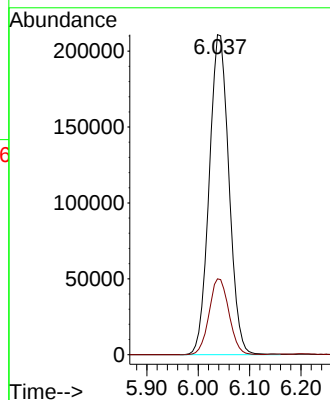
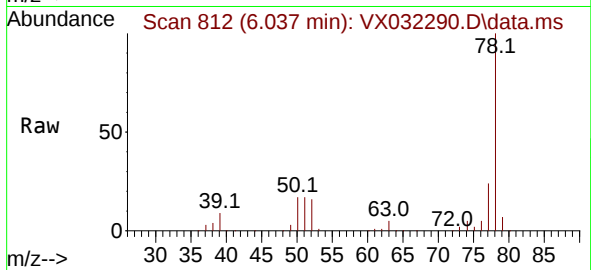
#40
Benzene
Concen: 98.227 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 78 Resp: 56287
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

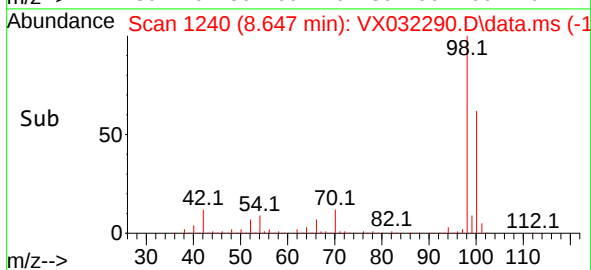
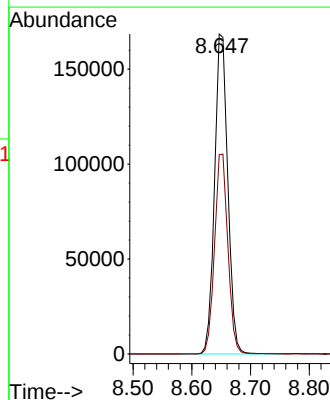
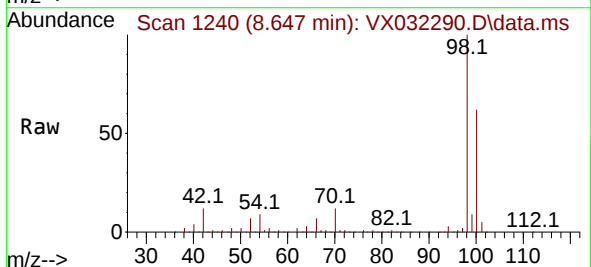
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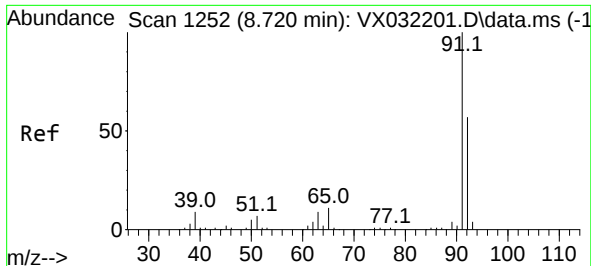
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
Toluene-d8
Concen: 47.690 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

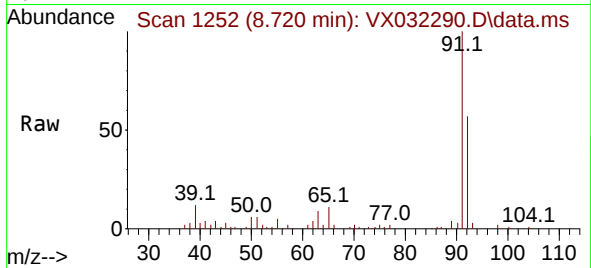
Tgt Ion: 98 Resp: 263857
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1





#52
Toluene
Concen: 3.445 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

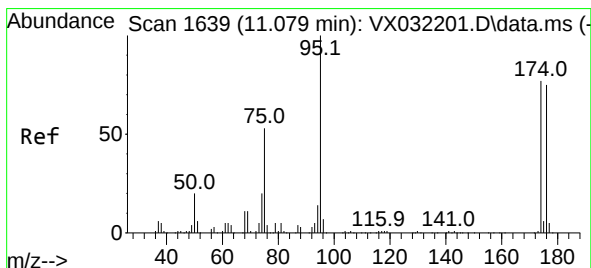
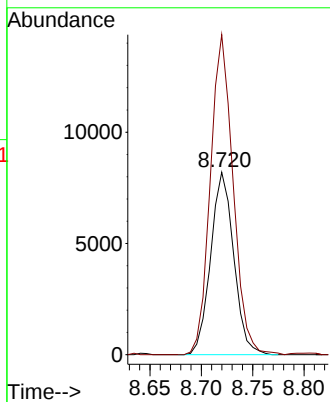
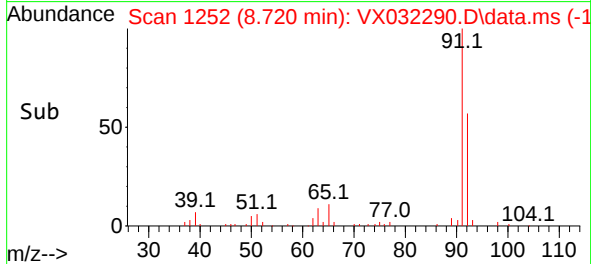
Instrument :
MSVOA_X
ClientSampleId :
RW-02



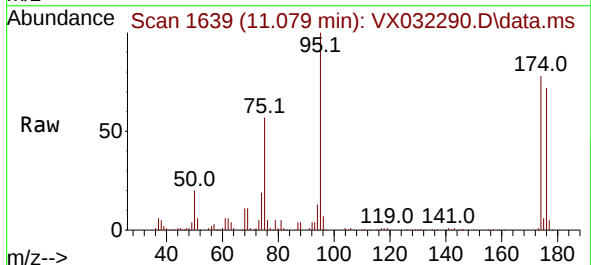
Tgt Ion: 92 Resp: 12789
Ion Ratio Lower Upper
92 100
91 172.9 140.3 210.5

Manual Integrations
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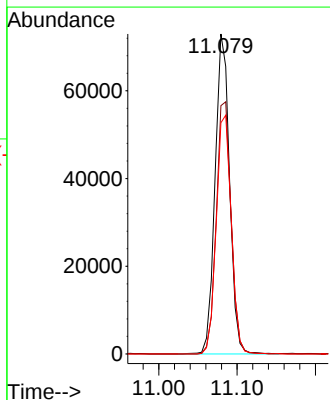
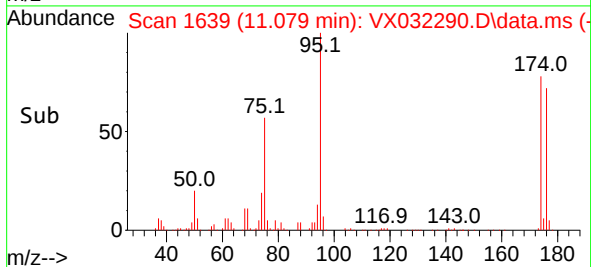
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

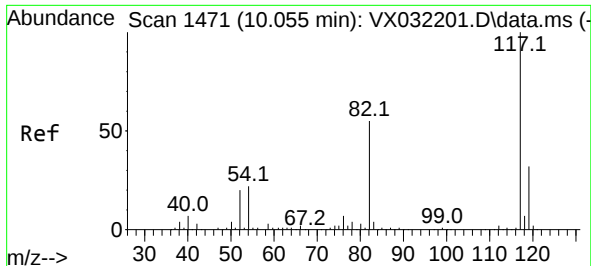


#62
4-Bromofluorobenzene
Concen: 46.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49



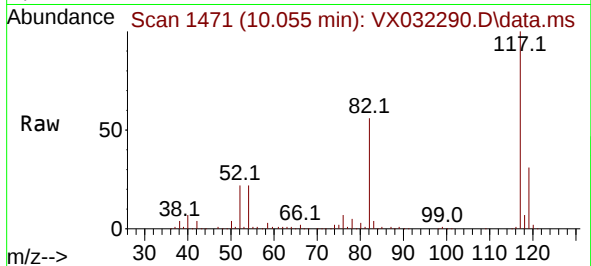
Tgt Ion: 95 Resp: 93812
Ion Ratio Lower Upper
95 100
174 80.9 0.0 166.8
176 77.5 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

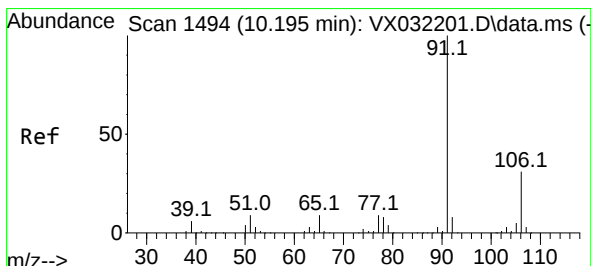
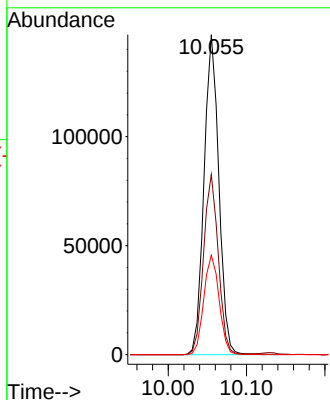
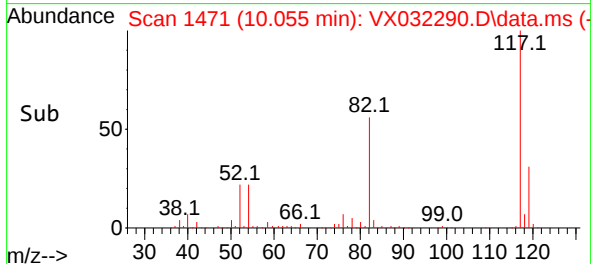
Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion:117 Resp: 192440
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 31.1 25.8 38.8

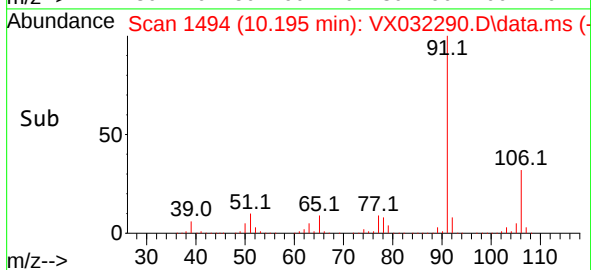
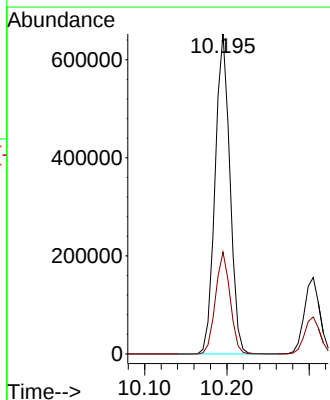
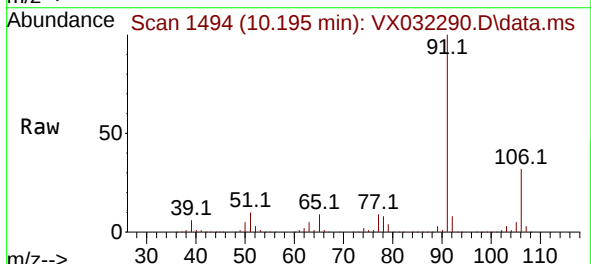
Manual Integrations
APPROVED

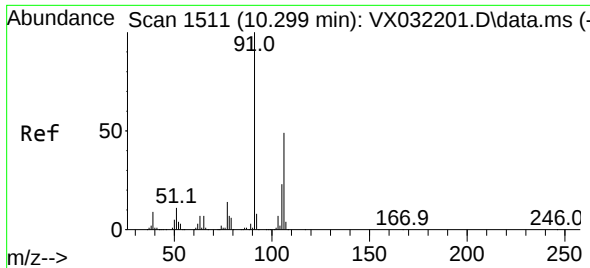
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#67
Ethyl Benzene
Concen: 116.899 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

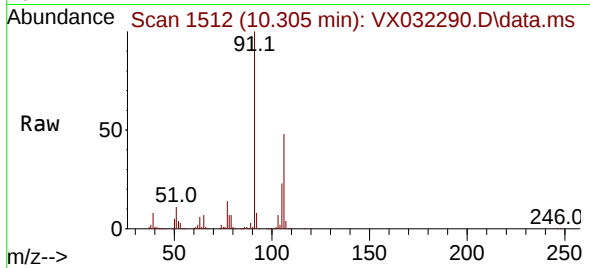
Tgt Ion: 91 Resp: 816591
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4





#68
m/p-Xylenes
Concen: 35.753 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

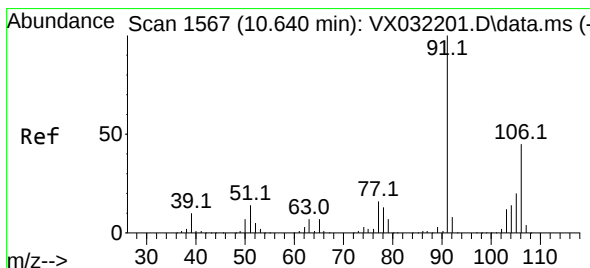
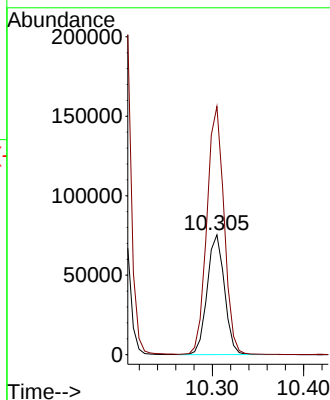
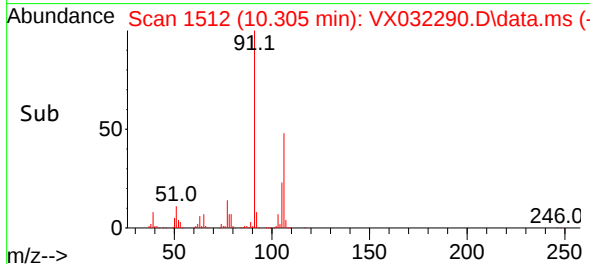
Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion:106 Resp: 98629
Ion Ratio Lower Upper
106 100
91 207.3 162.6 244.0

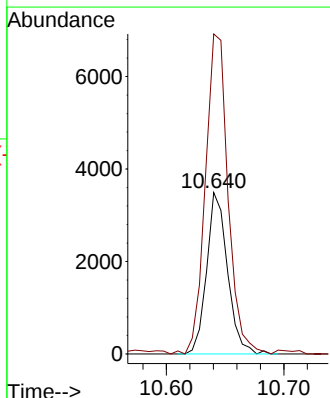
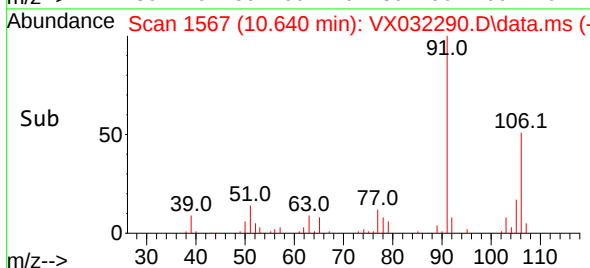
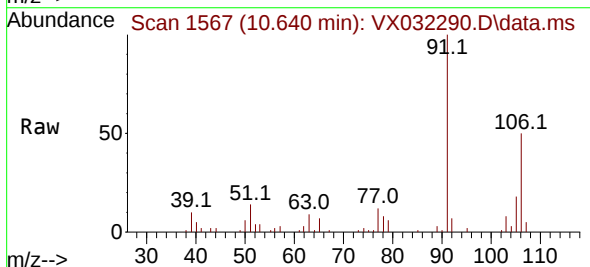
Manual Integrations
APPROVED

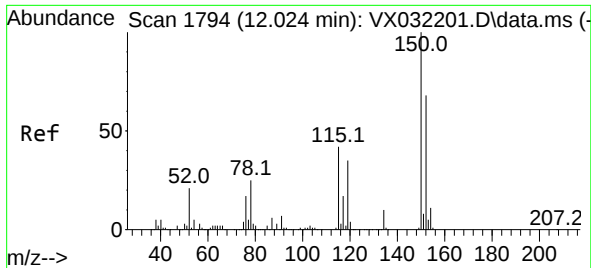
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#69
o-Xylene
Concen: 1.627 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

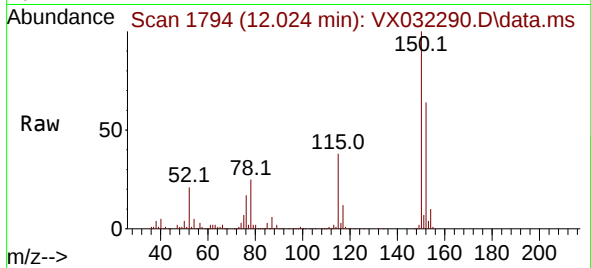
Tgt Ion:106 Resp: 4299
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

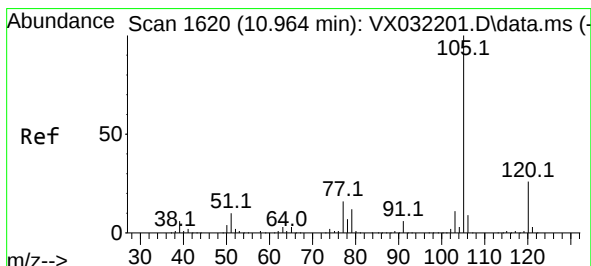
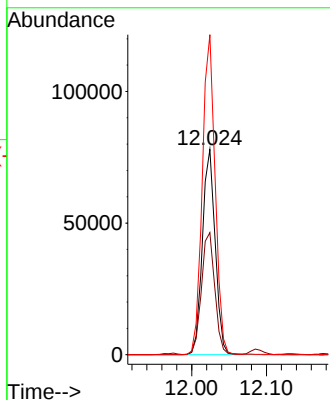
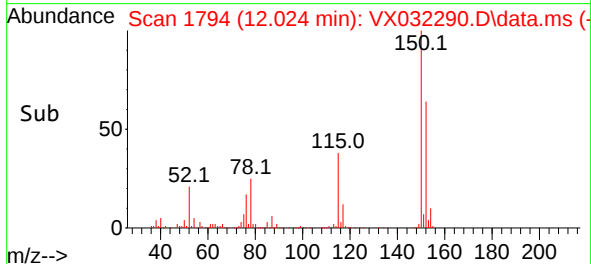
Instrument :
MSVOA_X
ClientSampleId :
RW-02



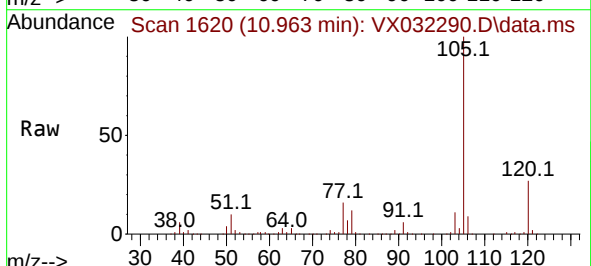
Tgt Ion:152 Resp: 92950
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 156.4 0.0 348.6

Manual Integrations
APPROVED

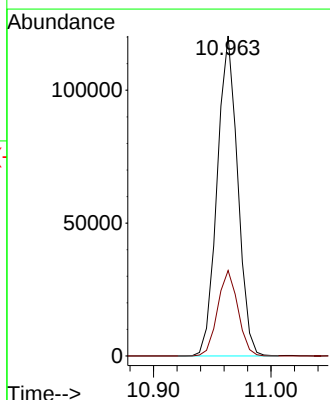
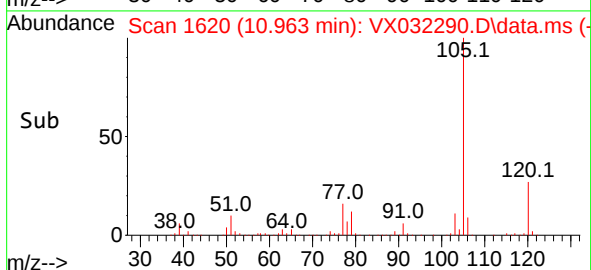
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

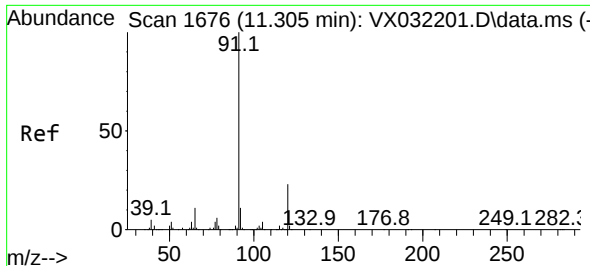


#73
Isopropylbenzene
Concen: 22.032 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49



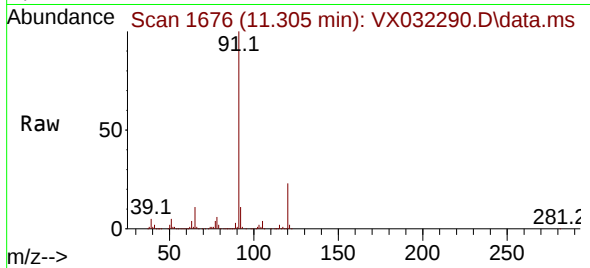
Tgt Ion:105 Resp: 146127
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6





#78
n-propylbenzene
Concen: 45.848 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

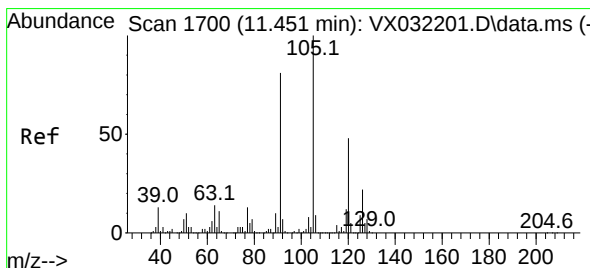
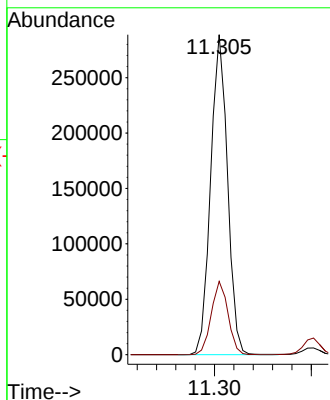
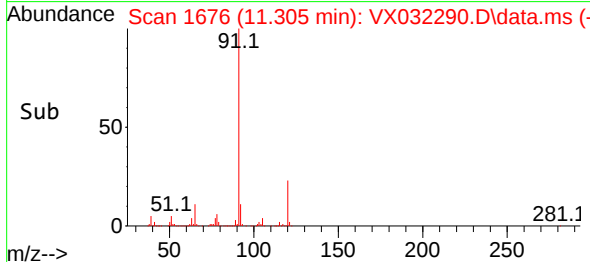
Instrument :
MSVOA_X
ClientSampleId :
RW-02



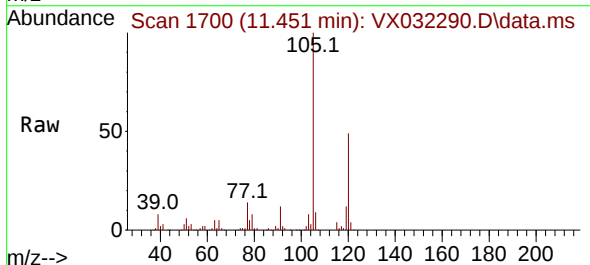
Tgt Ion: 91 Resp: 348189
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

Manual Integrations
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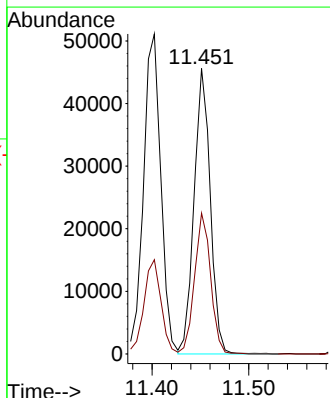
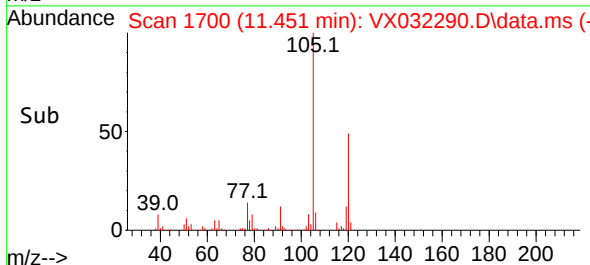
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

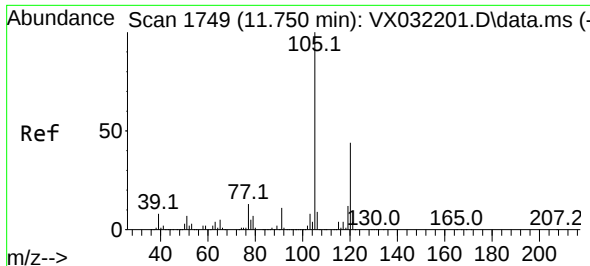


#80
1,3,5-Trimethylbenzene
Concen: 9.260 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49



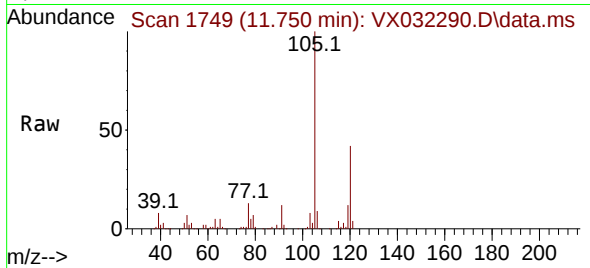
Tgt Ion:105 Resp: 53051
Ion Ratio Lower Upper
105 100
120 49.0 23.5 70.6





#84
1,2,4-Trimethylbenzene
Concen: 10.115 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

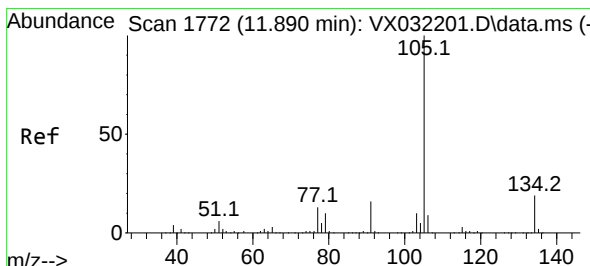
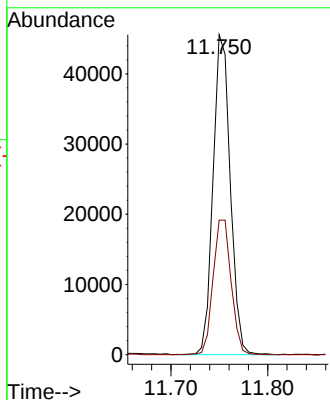
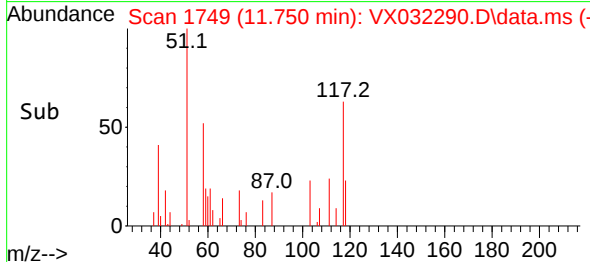
Instrument :
MSVOA_X
ClientSampleId :
RW-02



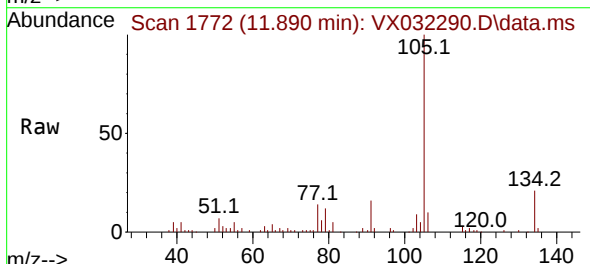
Tgt Ion:105 Resp: 56338
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1

Manual Integrations
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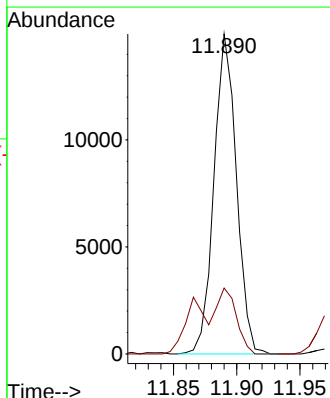
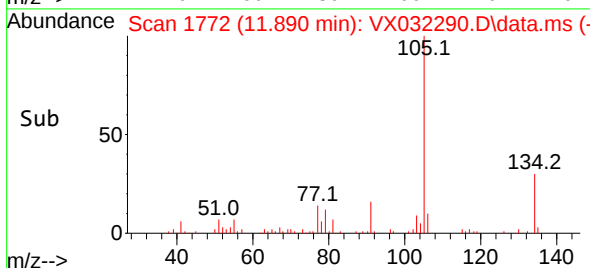
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

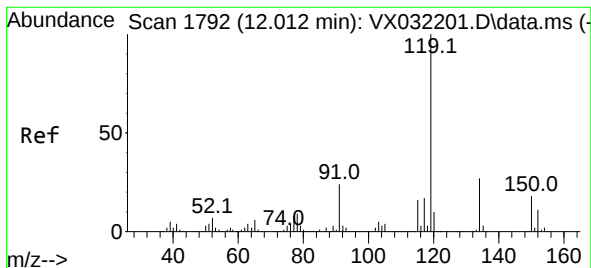


#85
sec-Butylbenzene
Concen: 2.656 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49



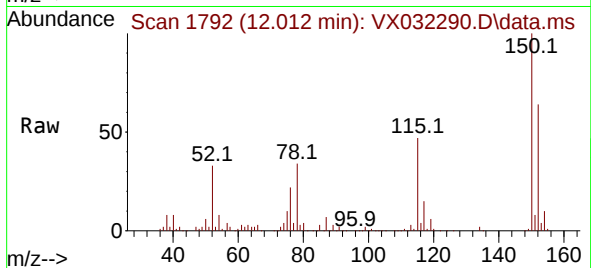
Tgt Ion:105 Resp: 18400
Ion Ratio Lower Upper
105 100
134 18.6 10.1 30.3





#86
p-Isopropyltoluene
Concen: 0.534 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

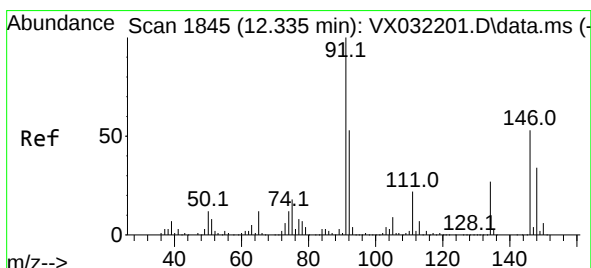
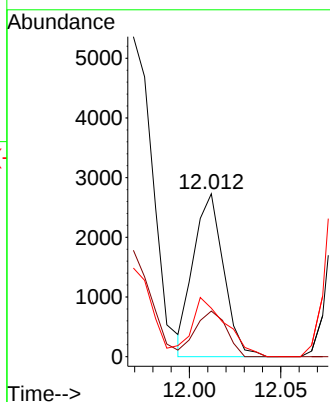
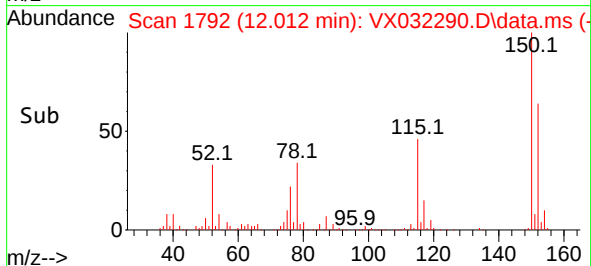
Instrument :
MSVOA_X
ClientSampleId :
RW-02



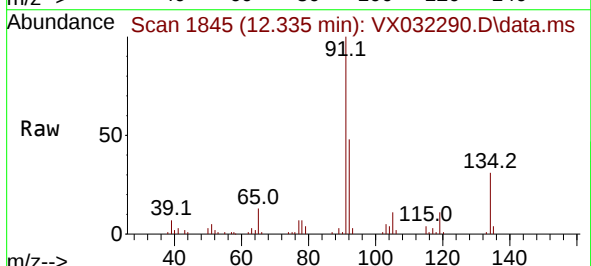
Tgt Ion: 119 Resp: 3140
Ion Ratio Lower Upper
119 100
134 28.9 13.2 39.5
91 0.0 12.4 37.2

Manual Integrations
APPROVED

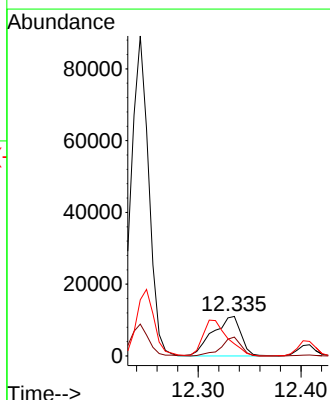
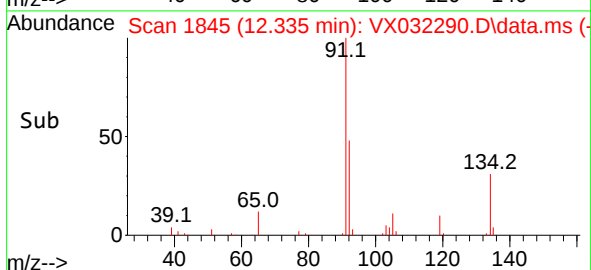
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

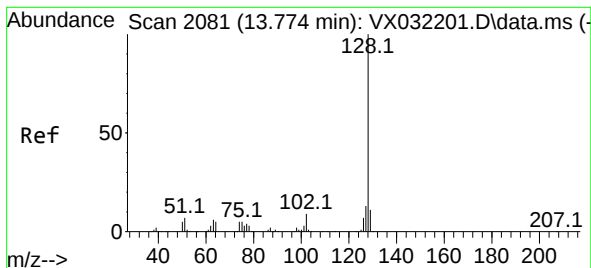


#89
n-Butylbenzene
Concen: 4.054 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49



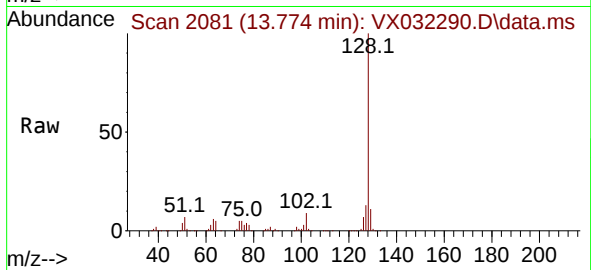
Tgt Ion: 91 Resp: 21045
Ion Ratio Lower Upper
91 100
92 33.7 26.3 78.9
134 0.0 13.0 39.0





#95
Naphthalene
Concen: 39.345 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion:128 Resp: 251993
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

