

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032454.D
 Acq On : 28 Oct 2022 13:06
 Operator : JC/MD
 Sample : N5338-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31867

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 29 04:31:59 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	118865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92961	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79623	48.210	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.420%		
35) Dibromofluoromethane	5.391	113	63231	45.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	8.653	98	230643	47.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.320%		
62) 4-Bromofluorobenzene	11.079	95	87616	46.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	14958	12.902	ug/l	94
16) Acetone	2.386	43	55326	92.167	ug/l	96
17) Carbon Disulfide	2.514	76	4947	1.742	ug/l	99
18) Methyl Acetate	2.703	43	1967	1.008	ug/l	92
25) 2-Butanone	4.568	43	10671	11.474	ug/l	99
30) Chloroform	5.093	83	46375	17.877	ug/l	97
40) Benzene	6.044	78	2970	0.542	ug/l	95
52) Toluene	8.720	92	5099	1.425	ug/l	98
67) Ethyl Benzene	10.195	91	3242	0.468	ug/l	91
68) m/p-Xylenes	10.305	106	5256	1.952	ug/l	96
69) o-Xylene	10.647	106	7814	2.985	ug/l	95
73) Isopropylbenzene	10.964	105	7297	0.991	ug/l	94
78) n-propylbenzene	11.305	91	119213	14.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	319772	50.791	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1300630	207.709	ug/l	98
85) sec-Butylbenzene	11.890	105	6362m	0.841	ug/l	
86) p-Isopropyltoluene	12.012	119	2860715	445.761	ug/l	97
89) n-Butylbenzene	12.329	91	10436	1.869	ug/l	# 28
95) Naphthalene	13.774	128	153537	21.038	ug/l	100

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

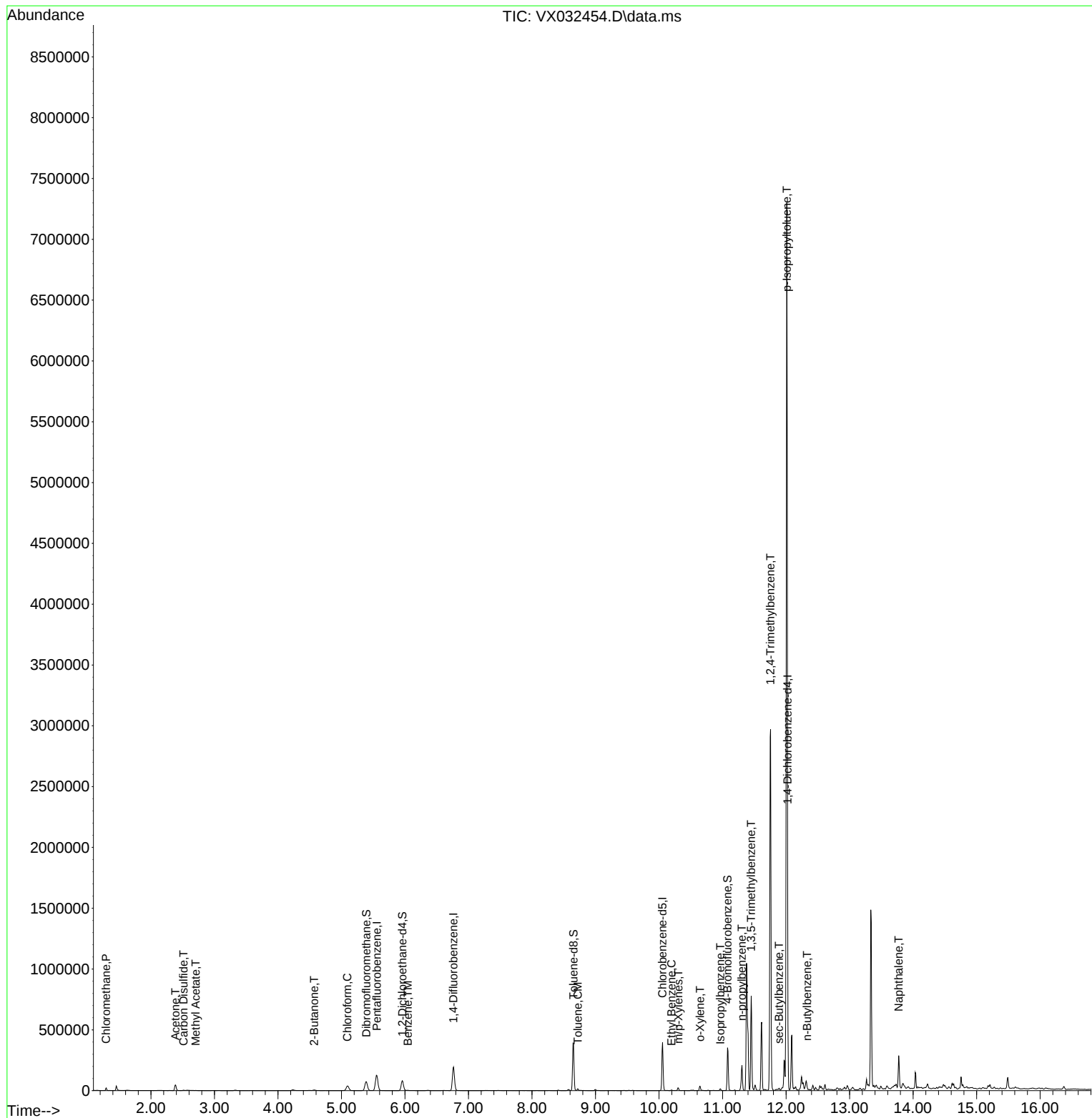
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
Data File : VX032454.D
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Operator : JC/MD
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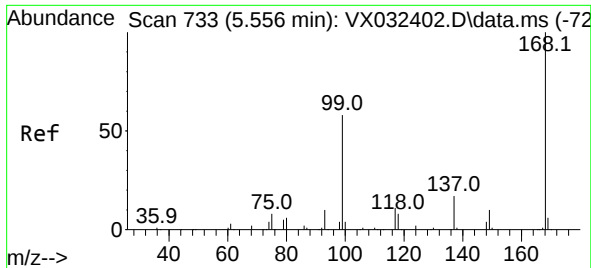
Instrument :
MSVOA_X
ClientSampleId :
31867

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Supervised By :Mahesh Dadoda 10/31/2022

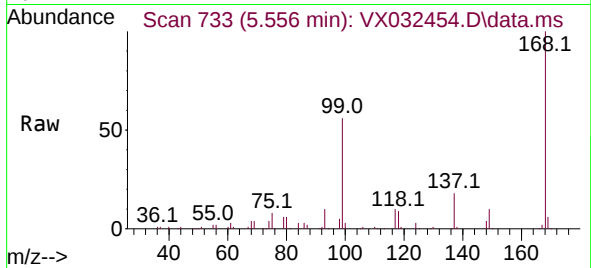
Quant Time: Oct 29 04:31:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

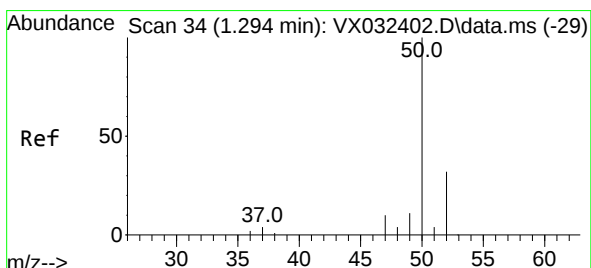
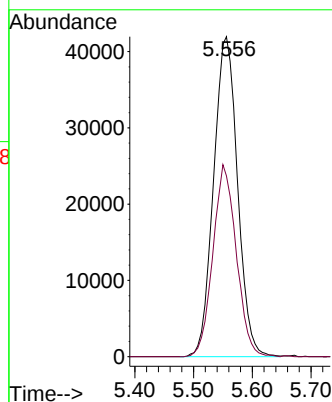
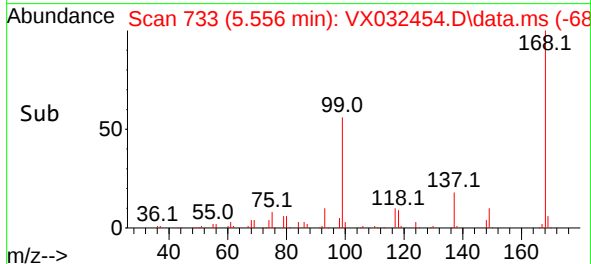
Instrument :
MSVOA_X
ClientSampleId :
31867



Tgt Ion:168 Resp: 11886
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1

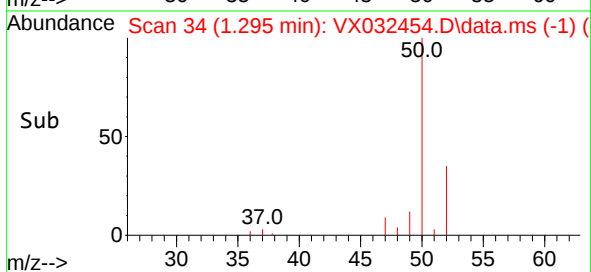
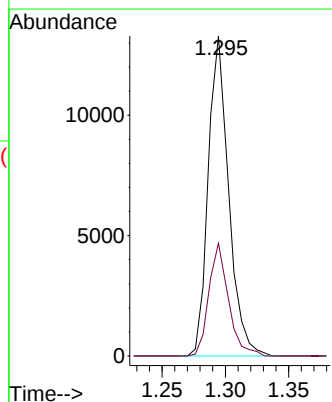
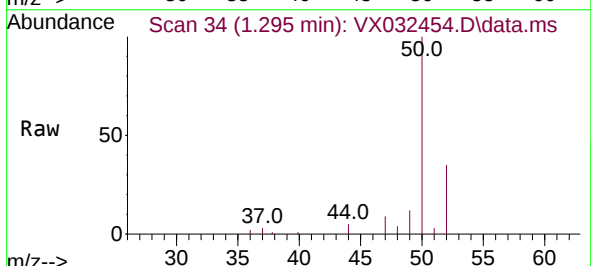
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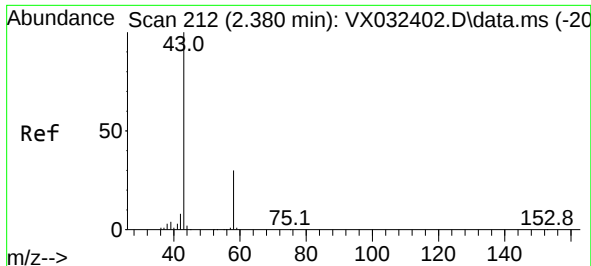
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#3
Chloromethane
Concen: 12.902 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

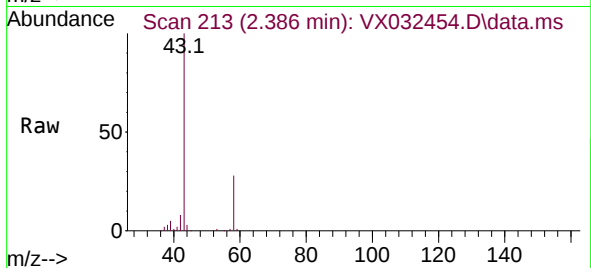
Tgt Ion: 50 Resp: 14958
Ion Ratio Lower Upper
50 100
52 35.3 25.4 38.2





#16
Acetone
Concen: 92.167 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

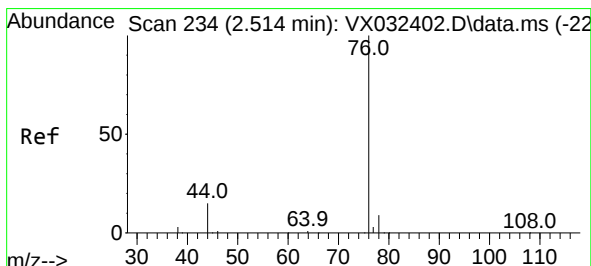
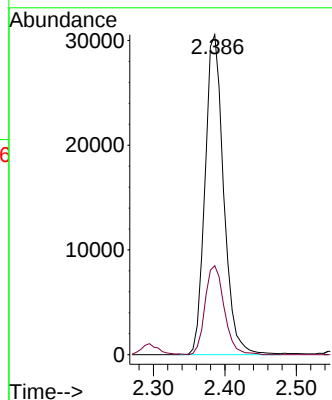
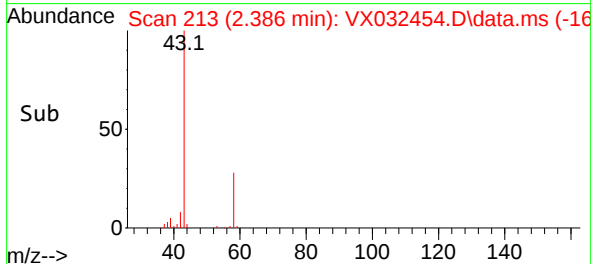
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Tgt Ion: 43 Resp: 55320
Ion Ratio Lower Upper
43 100
58 27.8 23.8 35.8

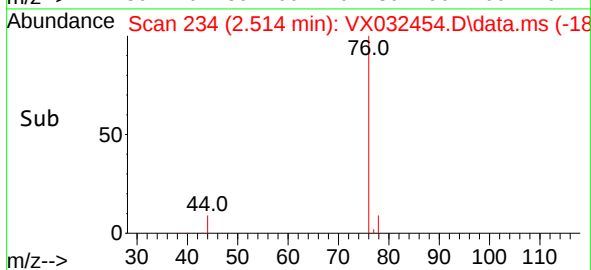
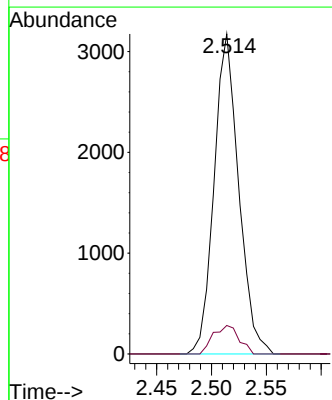
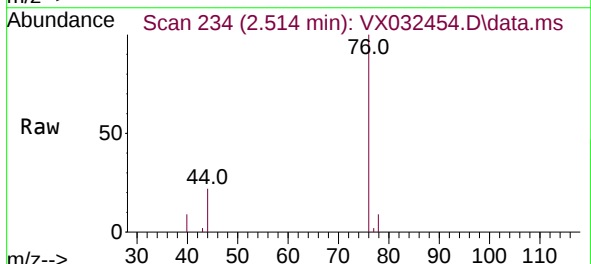
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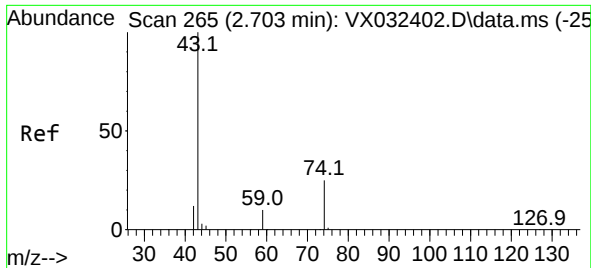
Reviewed By :John Carlone 10/31/2022
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#17
Carbon Disulfide
Concen: 1.742 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

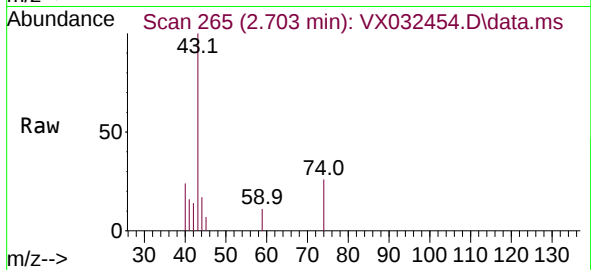
Tgt Ion: 76 Resp: 4947
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

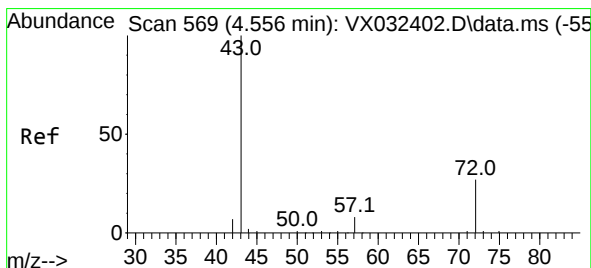
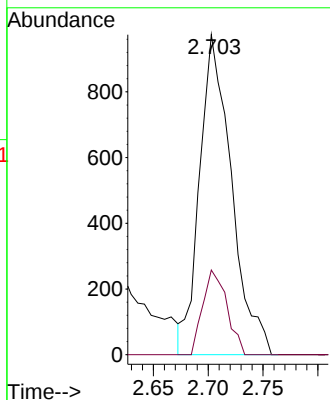
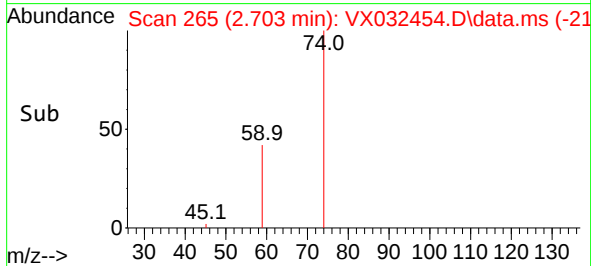
Instrument :
MSVOA_X
ClientSampleId :
31867



Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.0

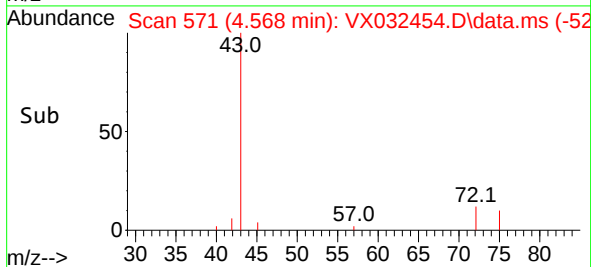
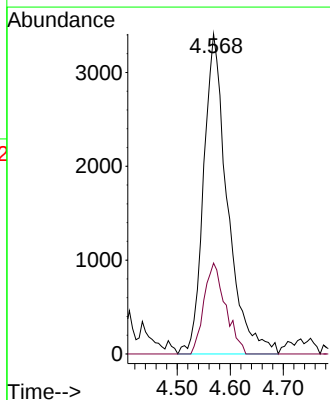
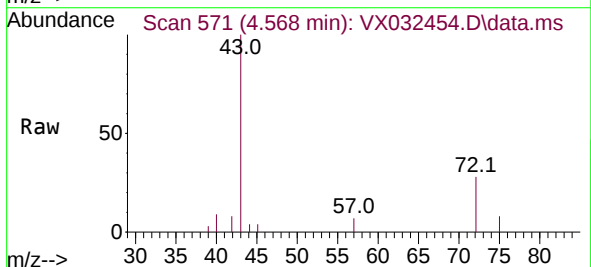
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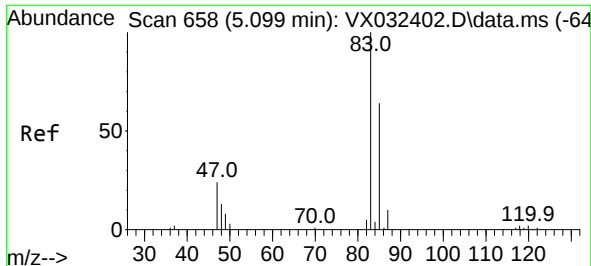
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#25
2-Butanone
Concen: 11.474 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

Tgt Ion: 43 Resp: 10671
Ion Ratio Lower Upper
43 100
72 28.4 22.2 33.2





#30

Chloroform

Concen: 17.877 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX032454.D

Acq: 28 Oct 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

31867

Tgt Ion: 83 Resp: 4637

Ion Ratio Lower Upper

83 100

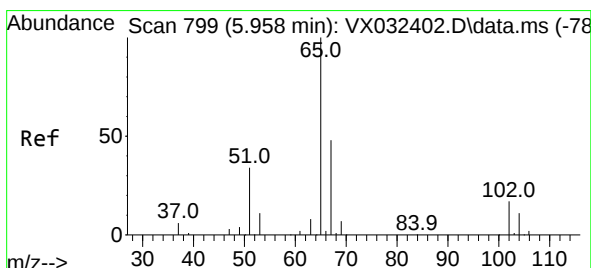
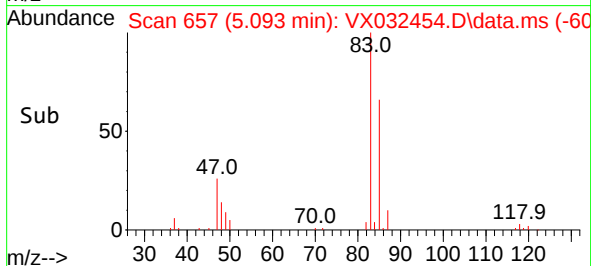
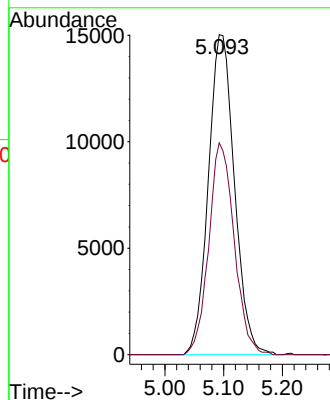
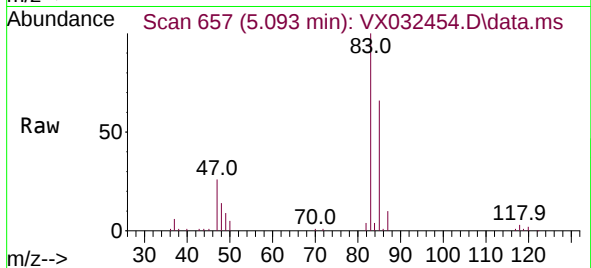
85 66.2 51.1 76.7

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#33

1,2-Dichloroethane-d4

Concen: 48.210 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032454.D

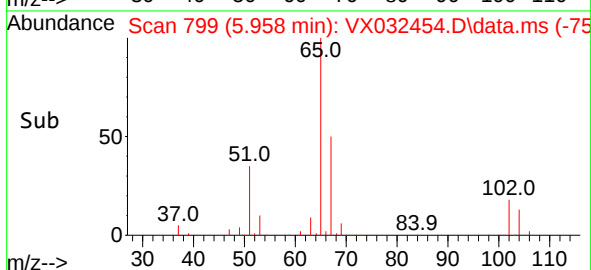
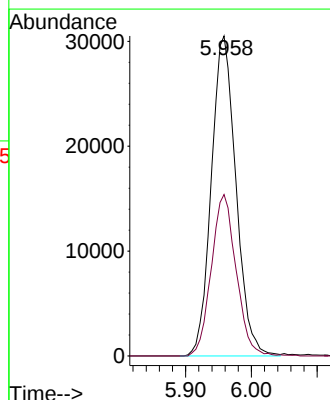
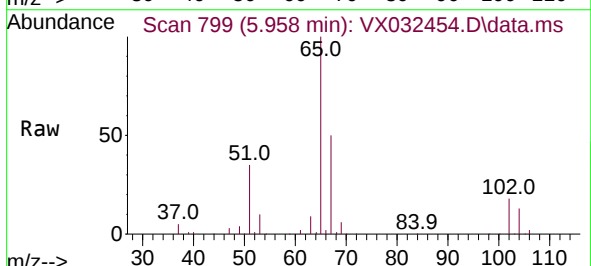
Acq: 28 Oct 2022 13:06

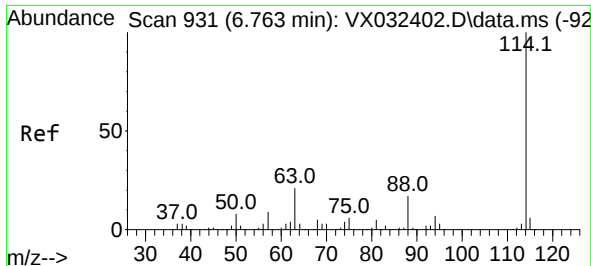
Tgt Ion: 65 Resp: 79623

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8





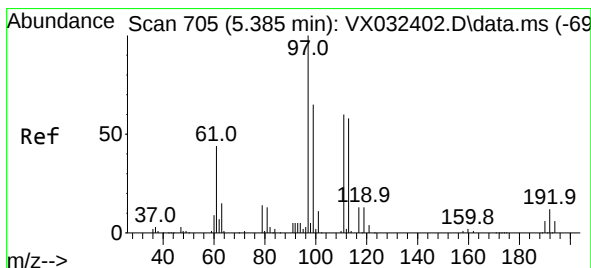
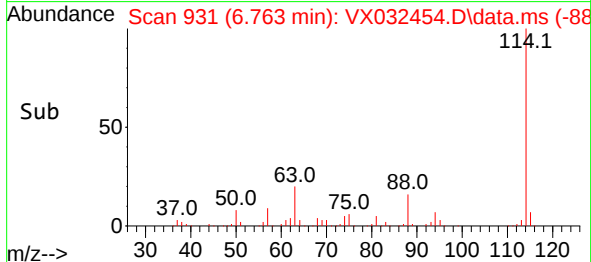
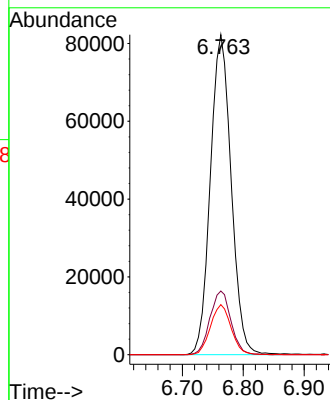
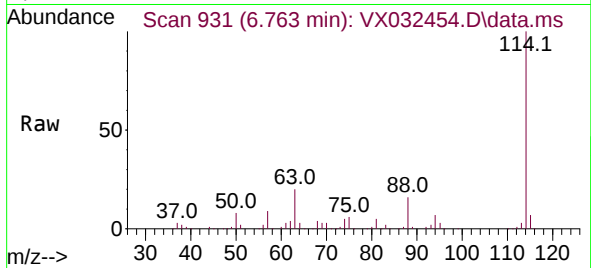
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

Instrument :
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Tgt Ion:114 Resp: 195090
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.7 0.0 33.4

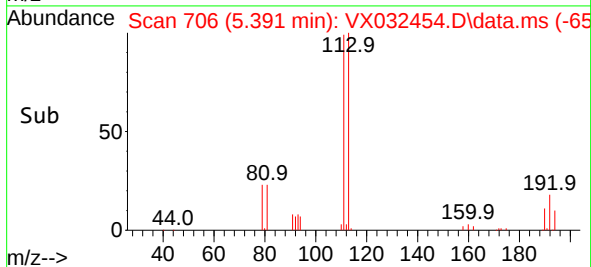
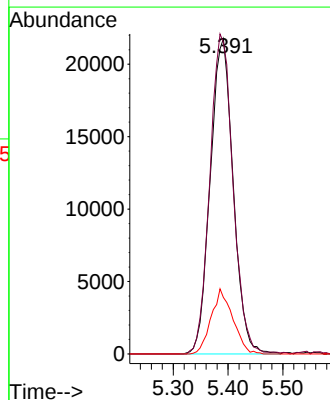
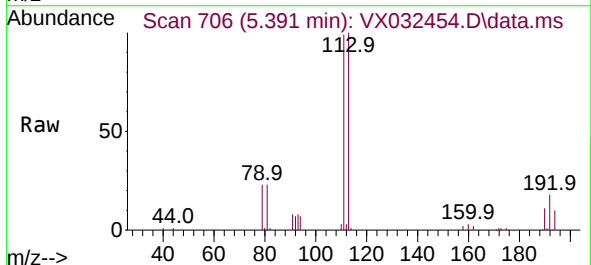
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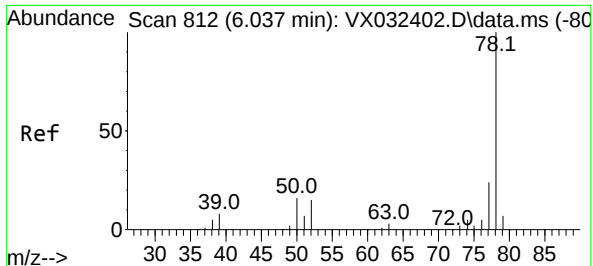
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#35
Dibromofluoromethane
Concen: 45.436 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

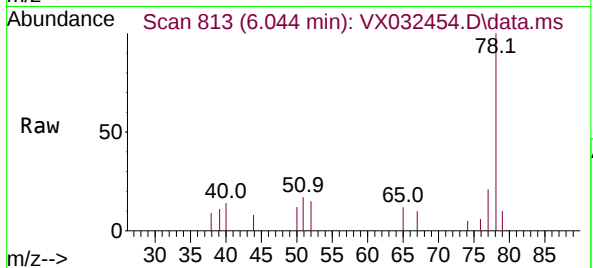
Tgt Ion:113 Resp: 63231
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.4 15.4 23.2





#40
Benzene
Concen: 0.542 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

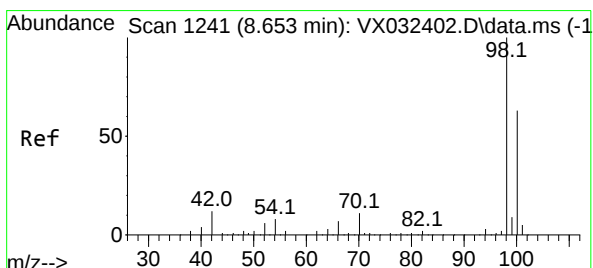
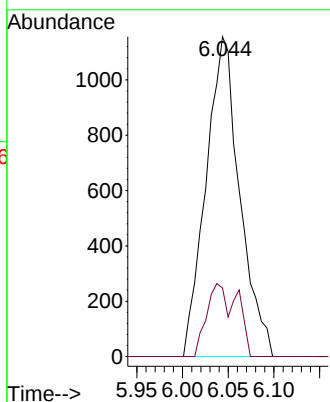
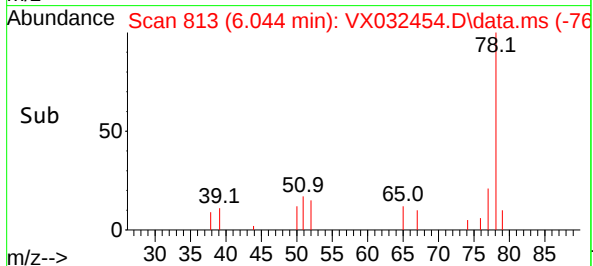
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Tgt Ion: 78 Resp: 2970
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.4

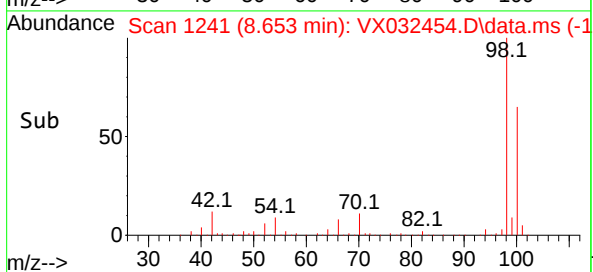
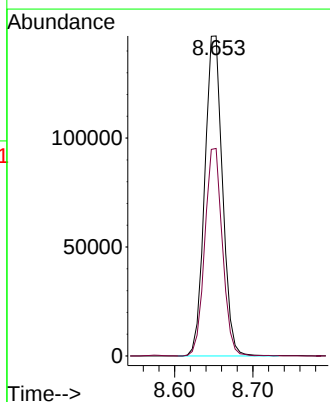
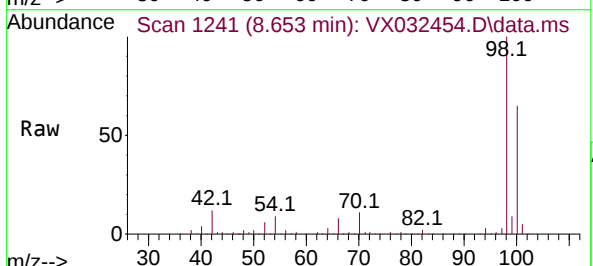
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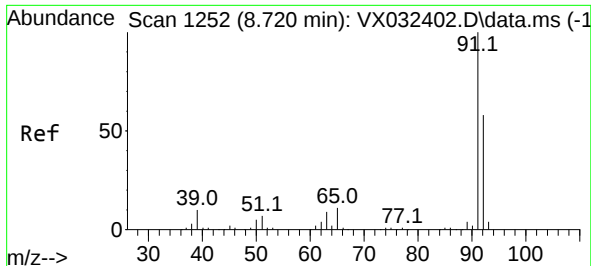
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
Toluene-d8
Concen: 47.663 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

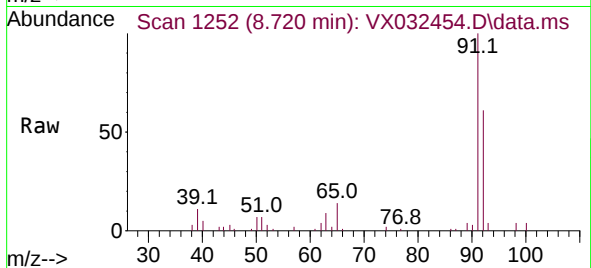
Tgt Ion: 98 Resp: 230643
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#52
Toluene
Concen: 1.425 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

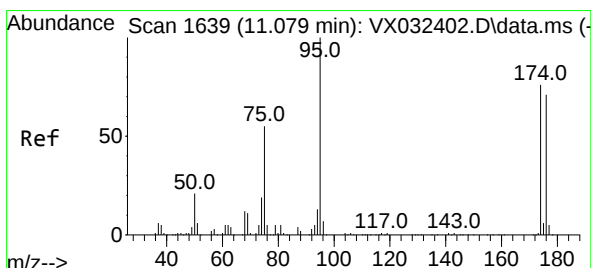
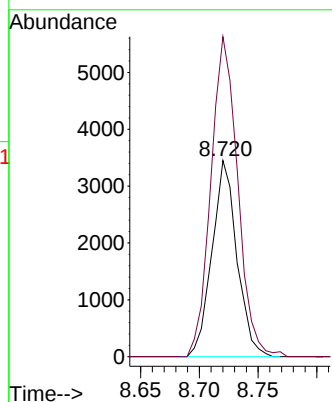
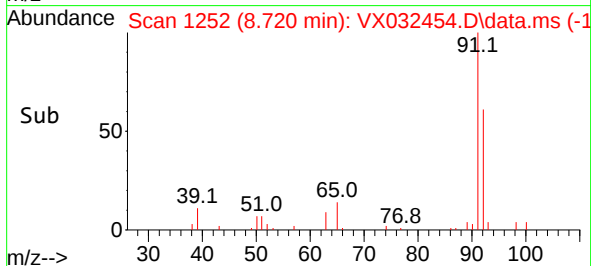
Instrument :
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Tgt Ion: 92 Resp: 5099
Ion Ratio Lower Upper
92 100
91 175.5 138.3 207.5

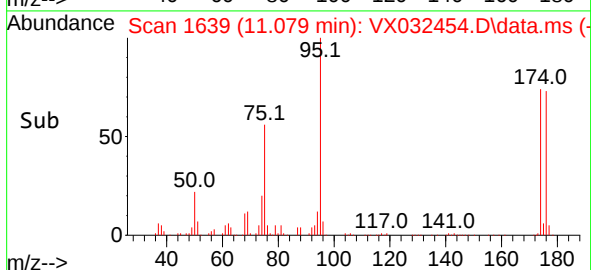
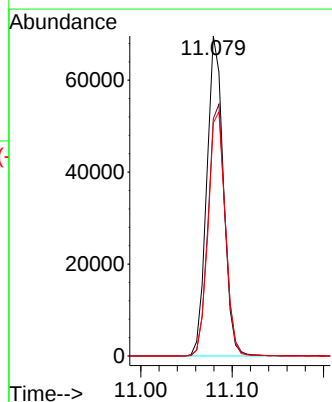
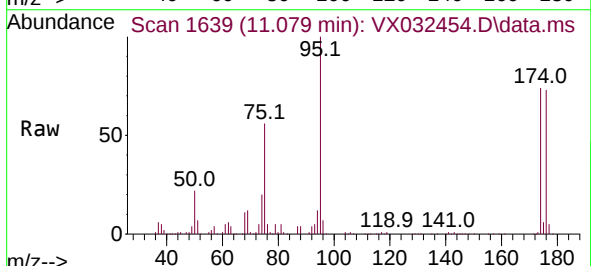
Manual Integrations
APPROVED

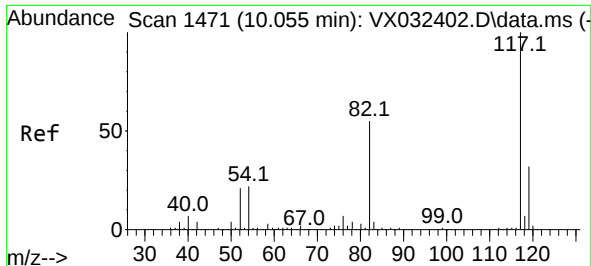
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 46.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

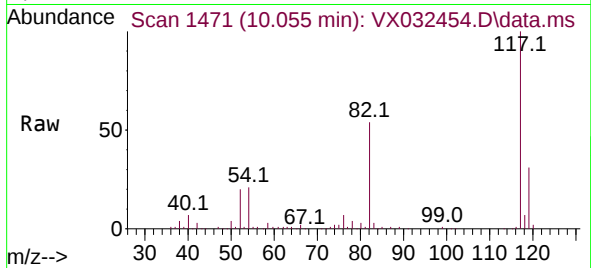
Tgt Ion: 95 Resp: 87616
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 78.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

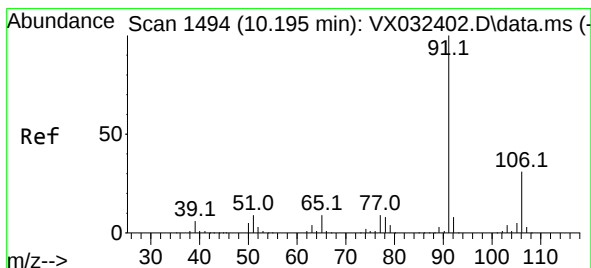
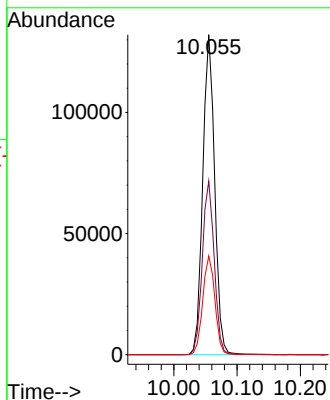
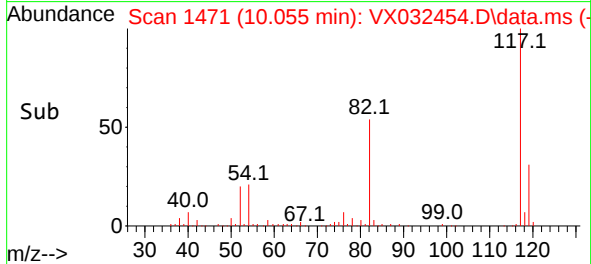
Instrument :
MSVOA_X
ClientSampleId :
31867



Tgt Ion:117 Resp: 173079
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 30.8 25.7 38.5

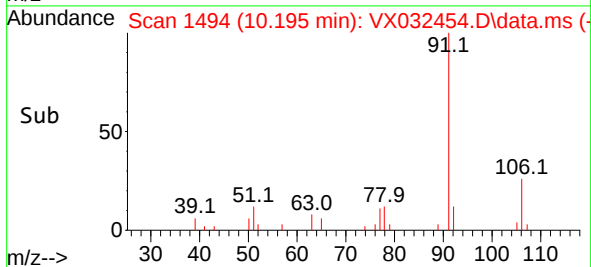
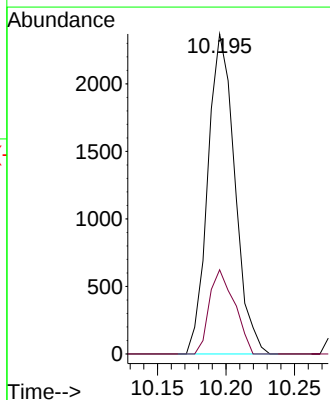
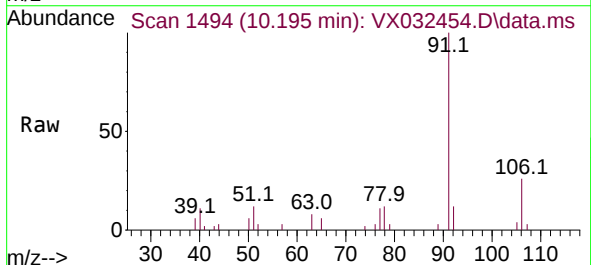
Manual Integrations
APPROVED

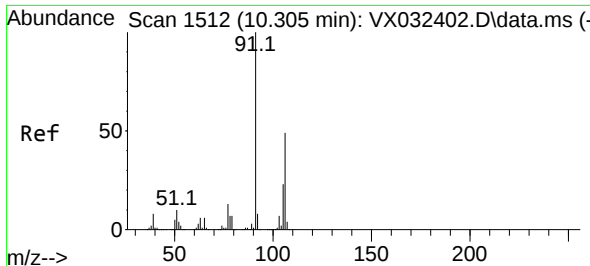
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#67
Ethyl Benzene
Concen: 0.468 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

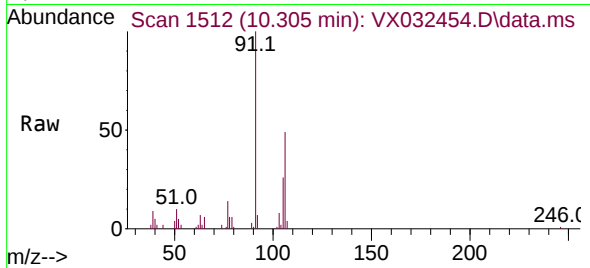
Tgt Ion: 91 Resp: 3242
Ion Ratio Lower Upper
91 100
106 26.3 25.0 37.6





#68
m/p-Xylenes
Concen: 1.952 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

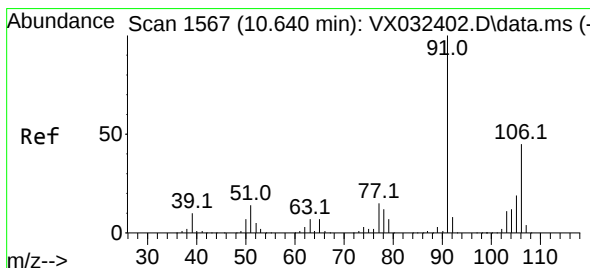
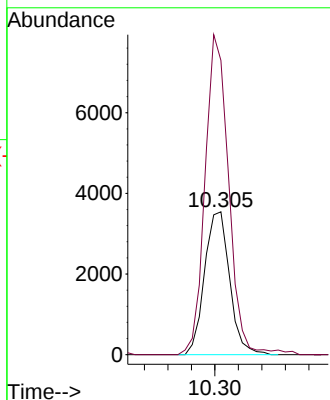
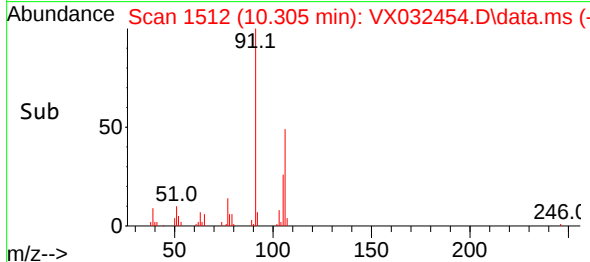
Instrument :
MSVOA_X
ClientSampleId :
31867



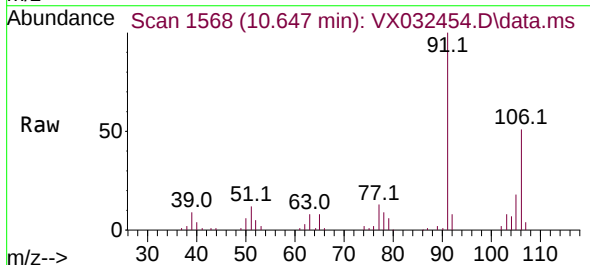
Tgt Ion:106 Resp: 5250
Ion Ratio Lower Upper
106 100
91 211.5 164.5 246.7

Manual Integrations
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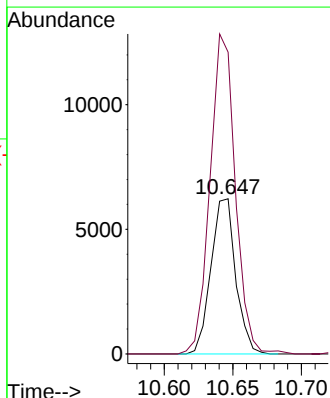
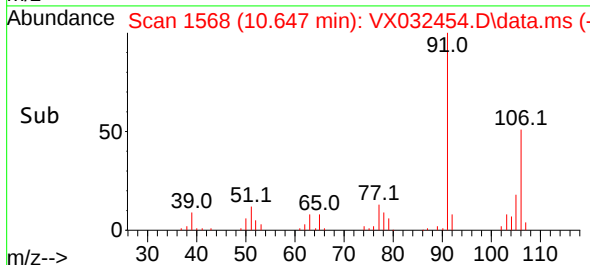
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

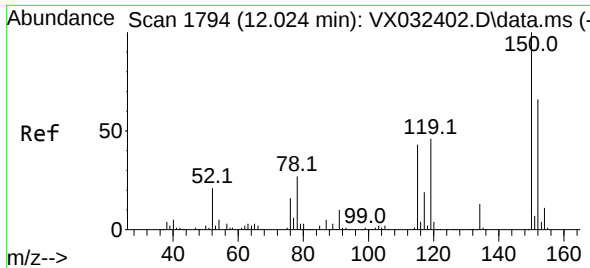


#69
o-Xylene
Concen: 2.985 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06



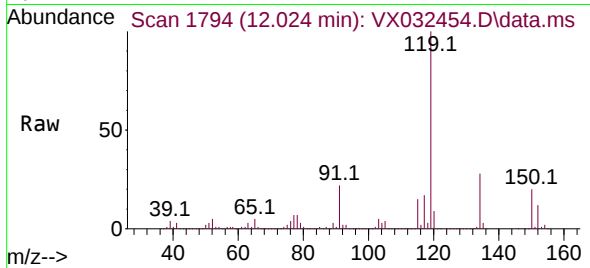
Tgt Ion:106 Resp: 7814
Ion Ratio Lower Upper
106 100
91 211.1 109.2 327.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

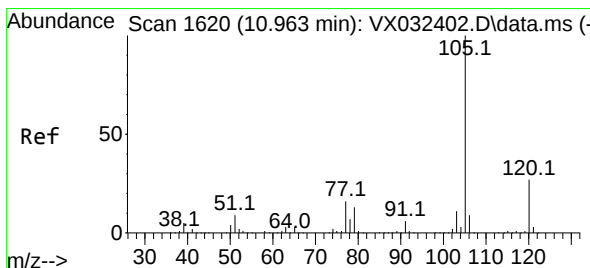
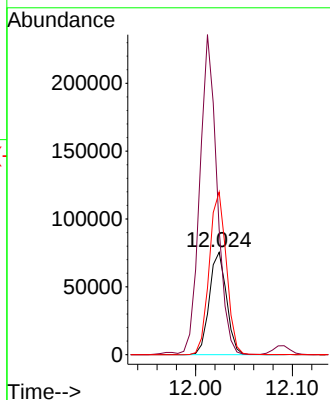
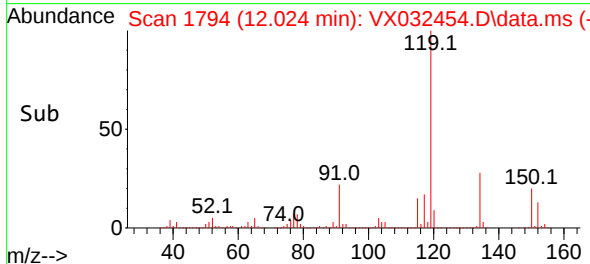
Instrument :
MSVOA_X
ClientSampleId :
31867



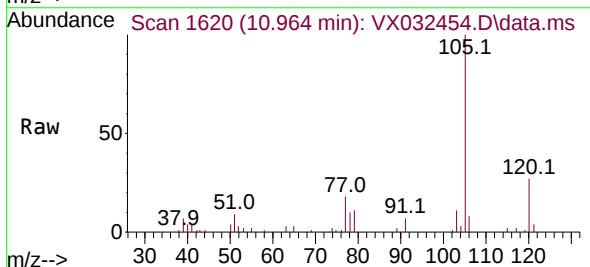
Tgt Ion:152 Resp: 9296
Ion Ratio Lower Upper
152 100
115 317.5 44.0 132.0
150 159.0 0.0 351.8

Manual Integrations
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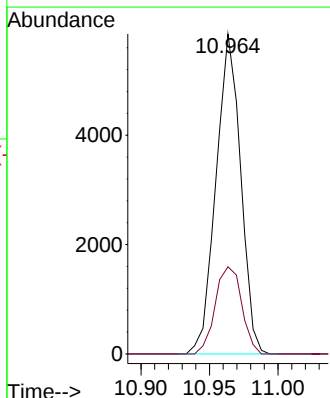
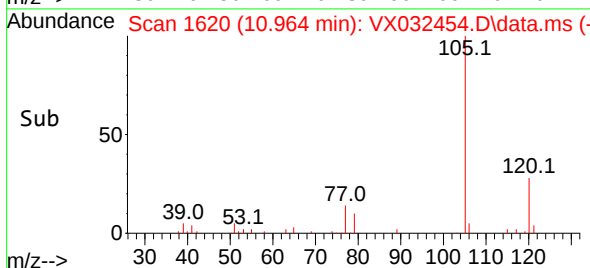
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

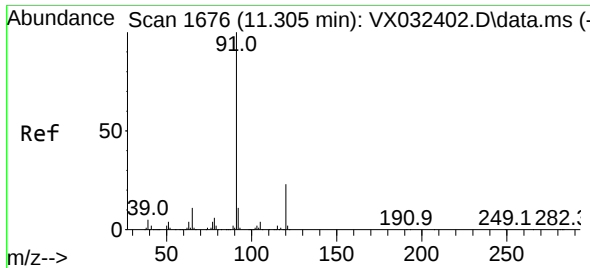


#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06



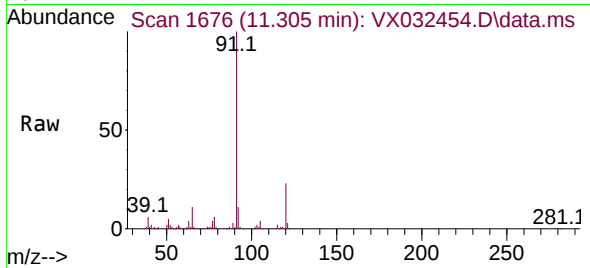
Tgt Ion:105 Resp: 7297
Ion Ratio Lower Upper
105 100
120 29.2 13.1 39.3





#78
n-propylbenzene
Concen: 14.046 ug/l
RT: 11.305 min Scan# 11921
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

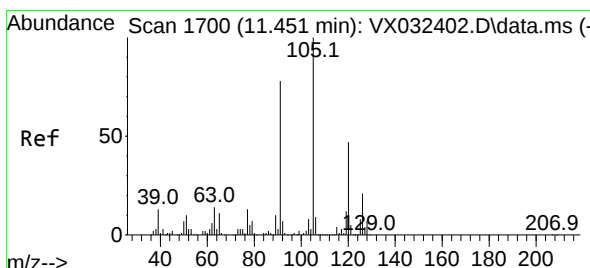
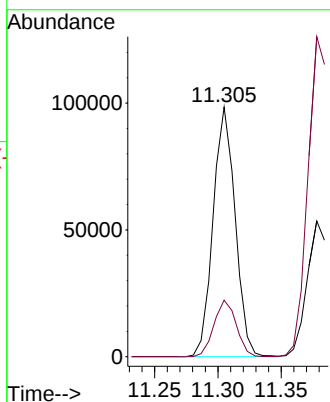
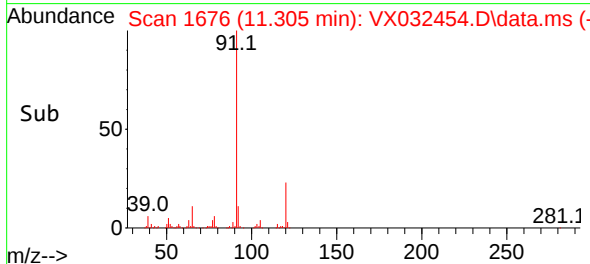
Instrument :
MSVOA_X
ClientSampleId :
31867



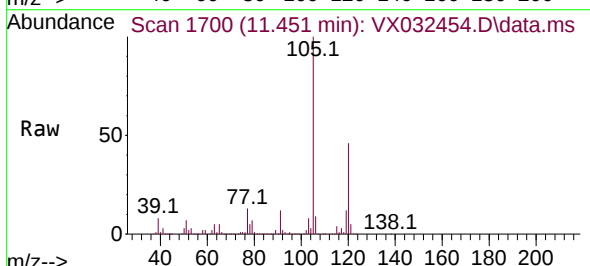
Tgt Ion: 91 Resp: 11921
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

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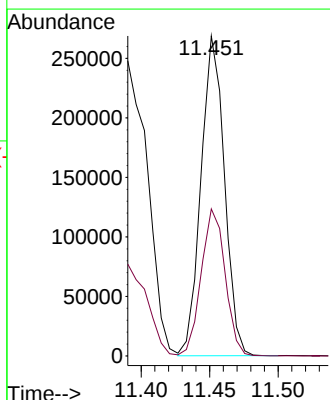
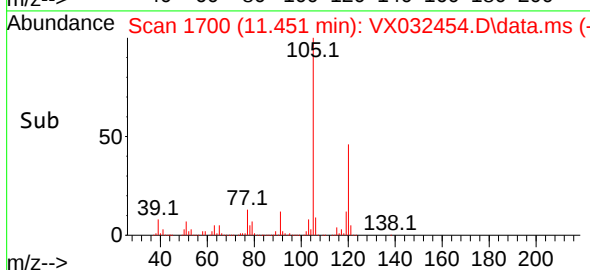
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

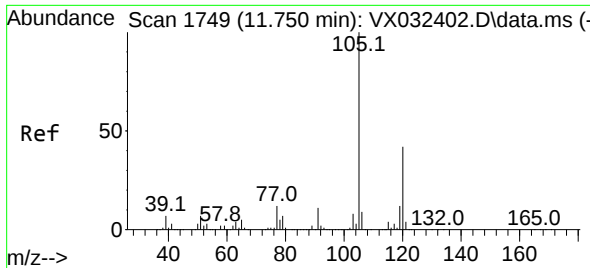


#80
1,3,5-Trimethylbenzene
Concen: 50.791 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06



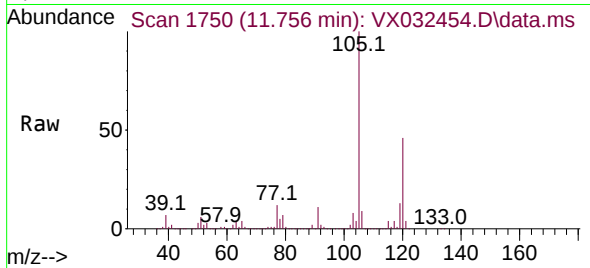
Tgt Ion:105 Resp: 319772
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 207.709 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

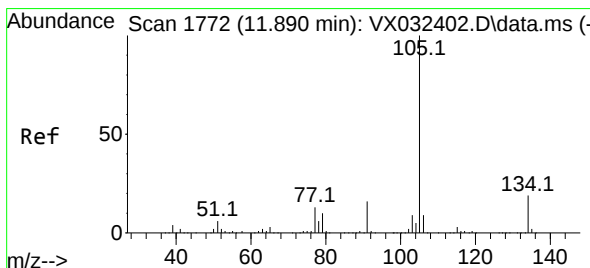
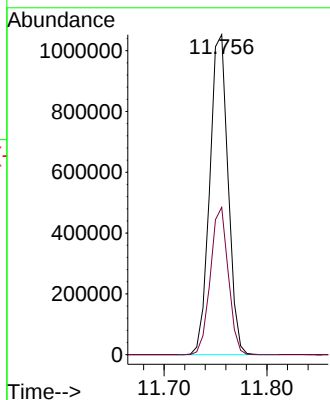
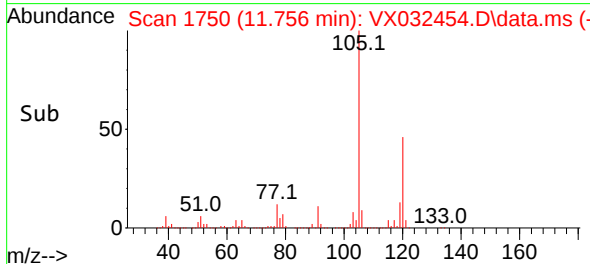
Instrument :
MSVOA_X
ClientSampleId :
31867



Tgt Ion:105 Resp: 1300630
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.5

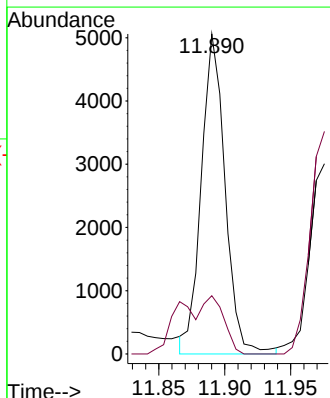
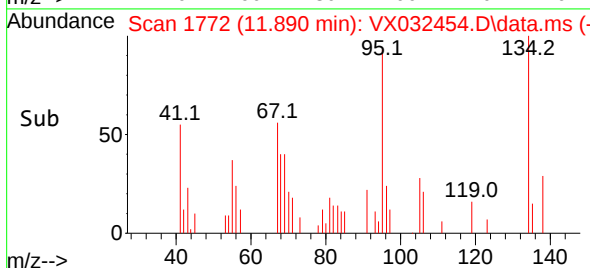
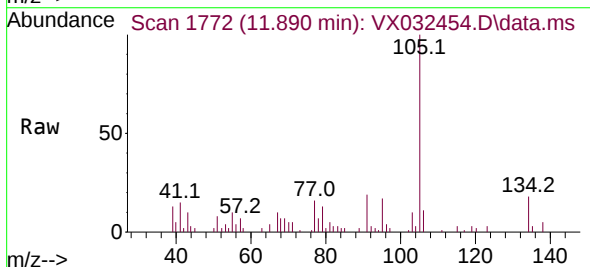
Manual Integrations
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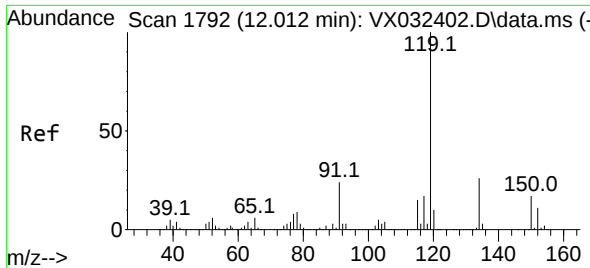
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#85
sec-Butylbenzene
Concen: 0.841 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

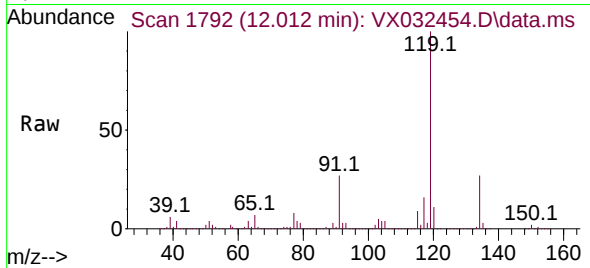
Tgt Ion:105 Resp: 6362
Ion Ratio Lower Upper
105 100
134 12132.7 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 445.761 ug/l
RT: 12.012 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

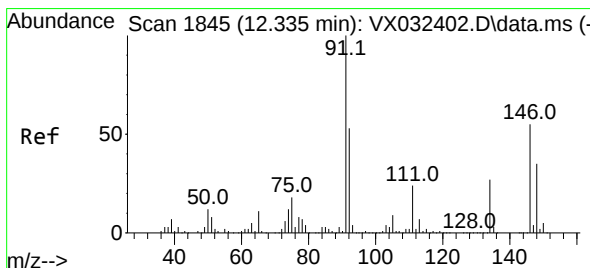
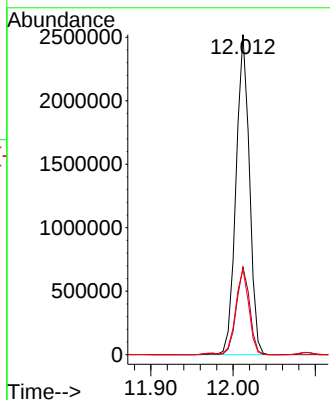
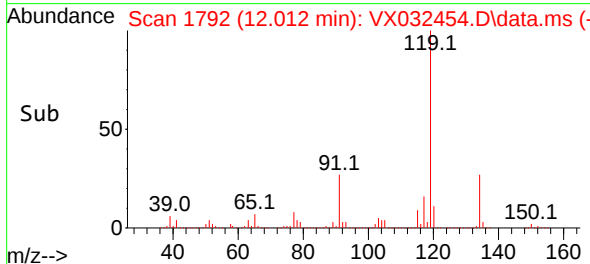
Instrument :
MSVOA_X
ClientSampleId :
31867



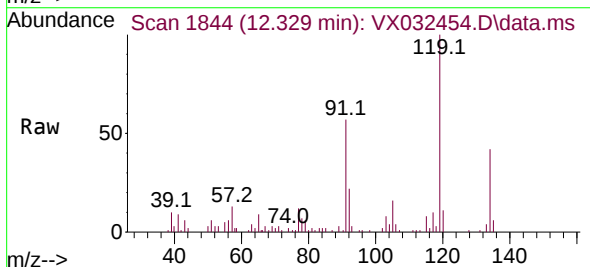
Tgt Ion:119 Resp: 2860711
Ion Ratio Lower Upper
119 100
134 27.0 12.9 38.7
91 26.5 12.5 37.5

Manual Integrations
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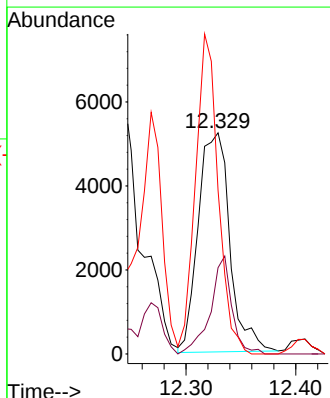
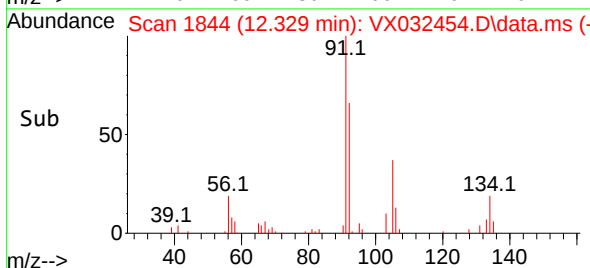
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

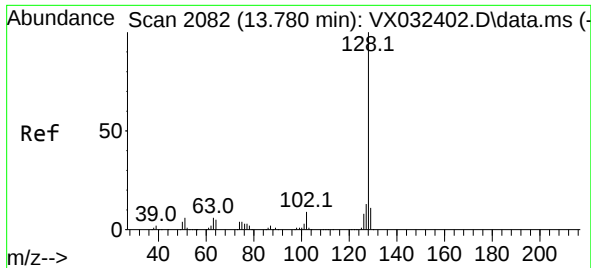


#89
n-Butylbenzene
Concen: 1.869 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06



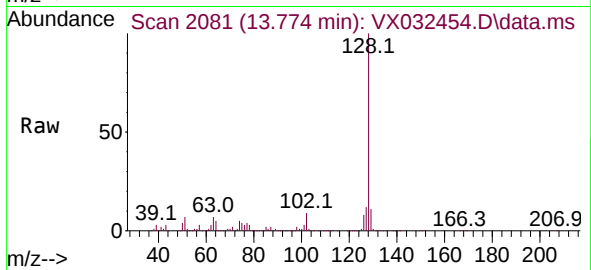
Tgt Ion: 91 Resp: 10436
Ion Ratio Lower Upper
91 100
92 30.4 26.2 78.6
134 105.0 12.9 38.6#





#95
Naphthalene
Concen: 21.038 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032454.D
Acq: 28 Oct 2022 13:06

Instrument :
MSVOA_X
ClientSampleId :
31867



Tgt Ion:128 Resp: 15353
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

