

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037631.D
 Acq On : 09 Sep 2023 16:37
 Operator : JC/MD
 Sample : 04296-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NGTW3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:24:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84216	39.578	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.160%		
35) Dibromofluoromethane	5.385	113	76122	42.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.460%		
50) Toluene-d8	8.647	98	308396	46.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.280%		
62) 4-Bromofluorobenzene	11.079	95	117880	47.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.600%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5717	6.533	ug/l #	84
17) Carbon Disulfide	2.508	76	1688	0.398	ug/l	96
25) 2-Butanone	4.574	43	3711	2.796	ug/l	96
31) Cyclohexane	5.470	56	39901	15.411	ug/l #	85
39) Methylcyclohexane	7.379	83	121518	41.846	ug/l	91
52) Toluene	8.720	92	1120	0.235	ug/l	85
67) Ethyl Benzene	10.195	91	3014647	330.711	ug/l	95
68) m/p-Xylenes	10.317	106	7425874	2070.868	ug/l	73
69) o-Xylene	10.646	106	3456857	969.525	ug/l	83
73) Isopropylbenzene	10.963	105	634471	77.615	ug/l	98
78) n-propylbenzene	11.305	91	1869989	205.697	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	4887690	704.920	ug/l	93
84) 1,2,4-Trimethylbenzene	11.762	105	11474340	1655.203	ug/l	77
85) sec-Butylbenzene	11.890	105	158738m	18.837	ug/l	
86) p-Isopropyltoluene	12.012	119	98392m	13.786	ug/l	
95) Naphthalene	13.780	128	5251836	648.161	ug/l	96

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

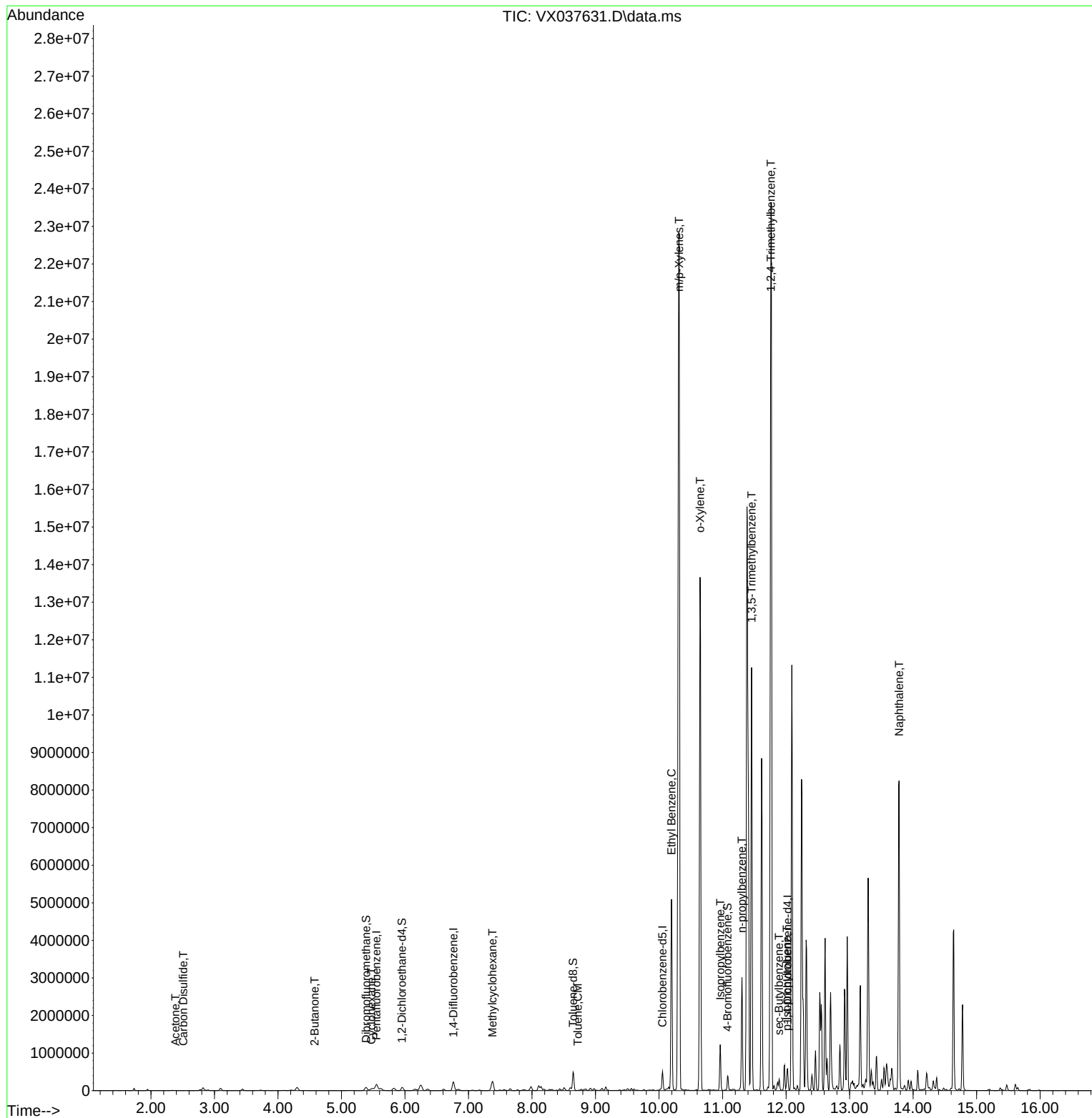
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
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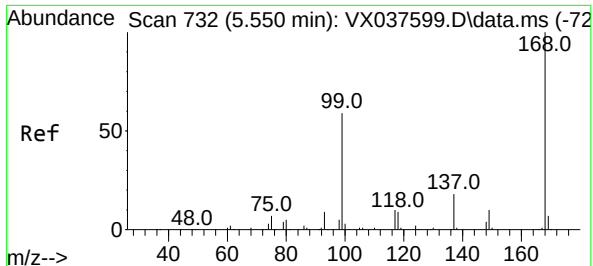
Instrument :
MSVOA_X
ClientSampleId :
NGTW3

Quant Time: Sep 11 01:24:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

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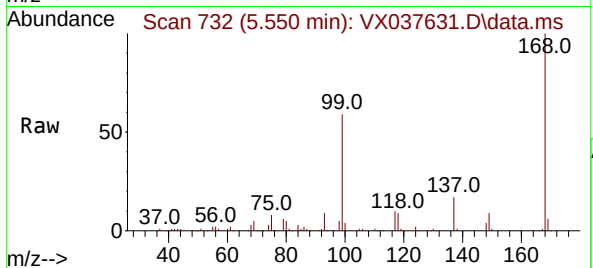
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

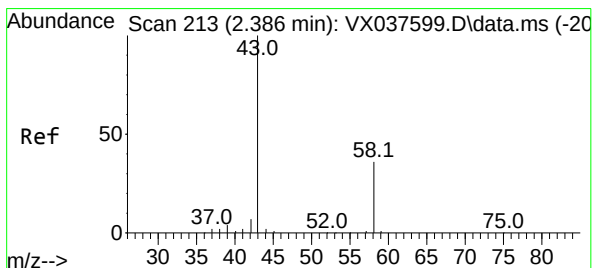
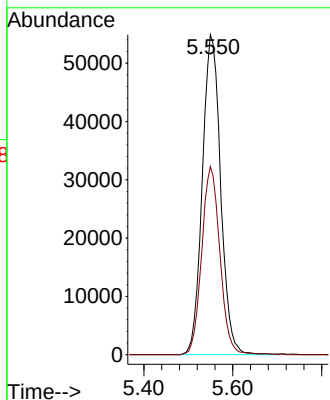
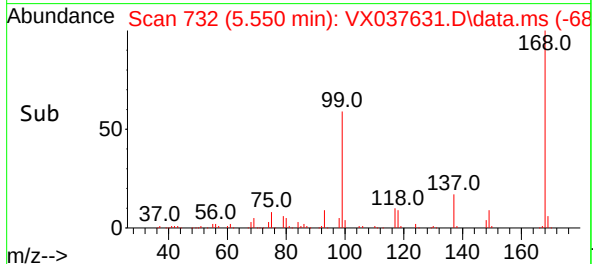
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



Tgt Ion:168 Resp: 15763
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0

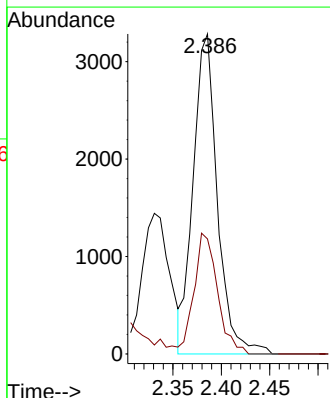
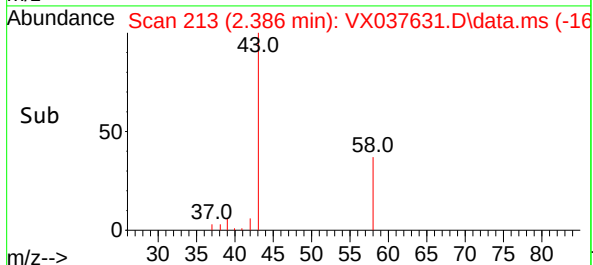
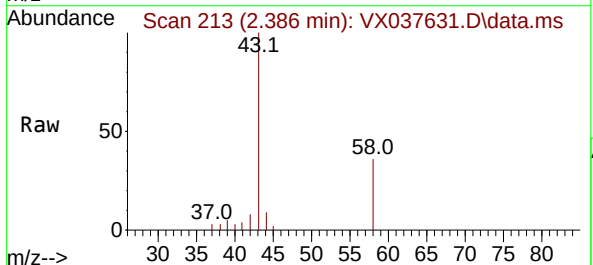
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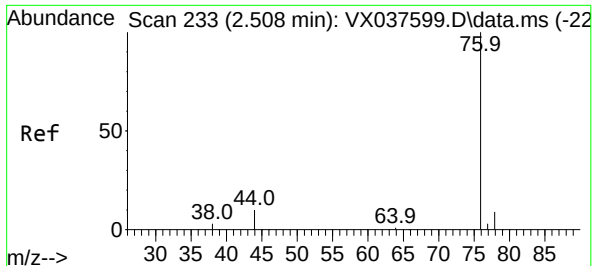
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#16
Acetone
Concen: 6.533 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

Tgt Ion: 43 Resp: 5717
Ion Ratio Lower Upper
43 100
58 36.0 21.9 32.9





#17

Carbon Disulfide

Concen: 0.398 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037631.D

Acq: 09 Sep 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

NGTW3

Tgt Ion: 76 Resp: 168

Ion Ratio Lower Upper

76 100

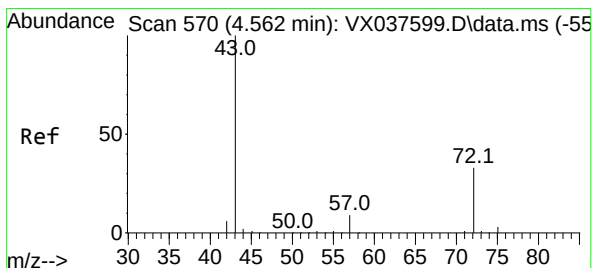
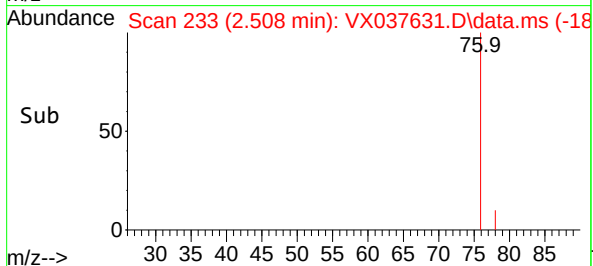
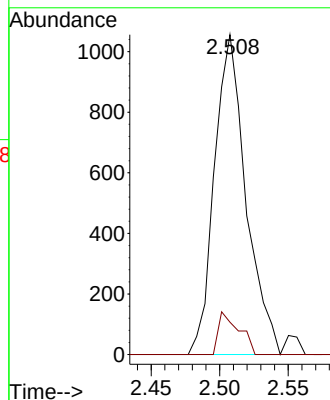
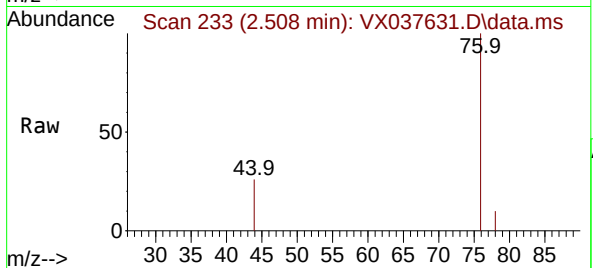
78 10.1 7.0 10.6

Manual Integrations

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#25

2-Butanone

Concen: 2.796 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX037631.D

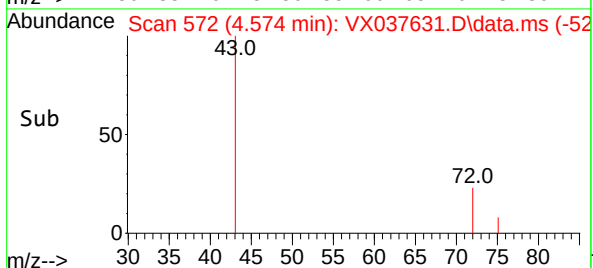
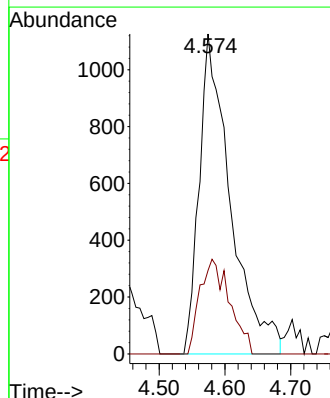
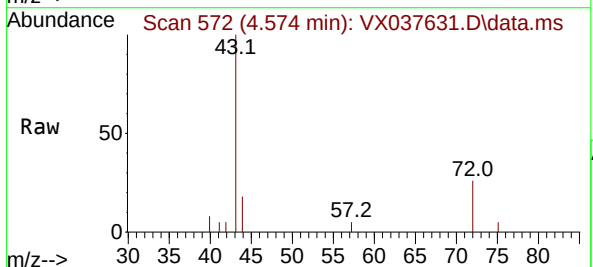
Acq: 09 Sep 2023 16:37

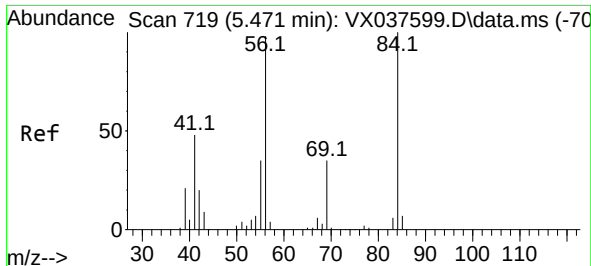
Tgt Ion: 43 Resp: 3711

Ion Ratio Lower Upper

43 100

72 26.1 19.4 29.2





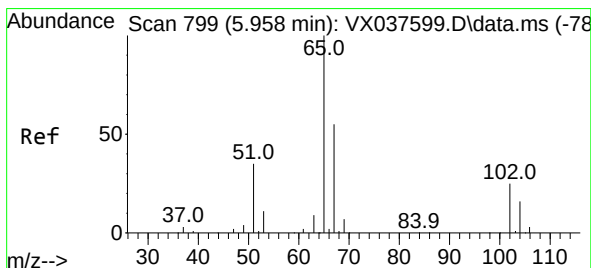
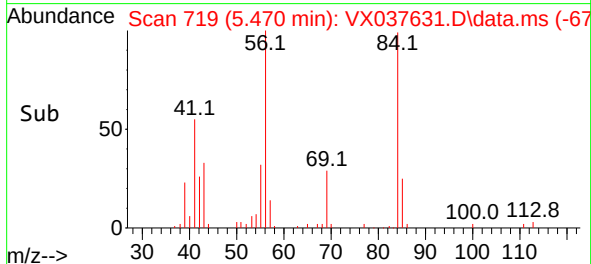
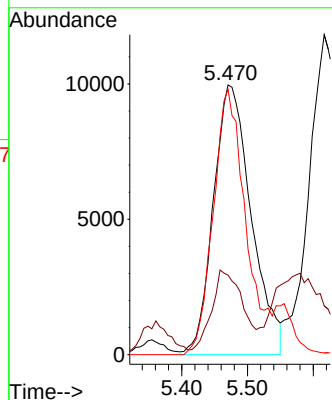
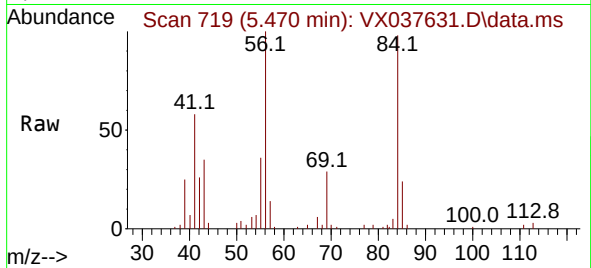
#31
Cyclohexane
Concen: 15.411 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

Tgt Ion: 56 Resp: 3990
Ion Ratio Lower Upper
56 100
69 26.4 23.4 35.2
84 99.4 65.9 98.9

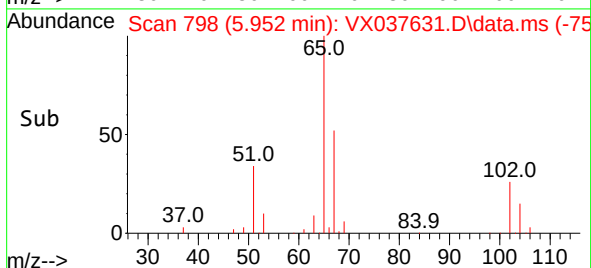
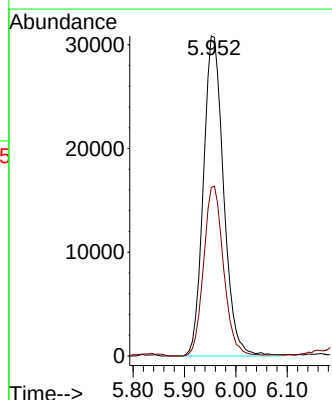
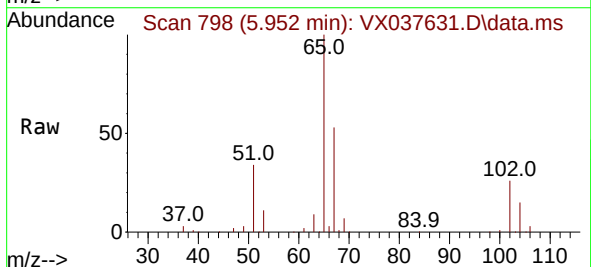
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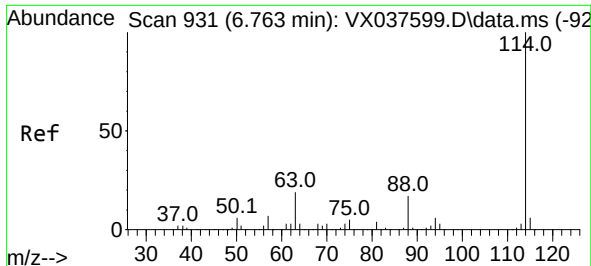
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#33
1,2-Dichloroethane-d4
Concen: 39.578 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

Tgt Ion: 65 Resp: 84216
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2





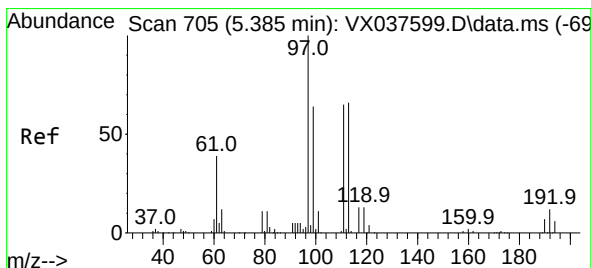
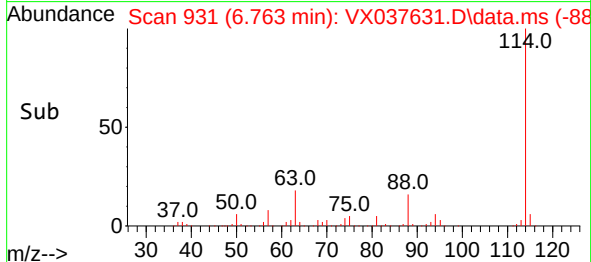
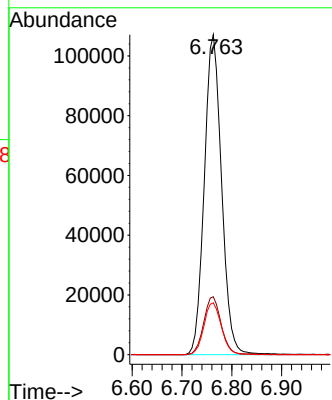
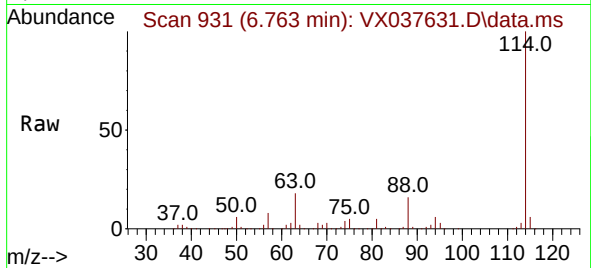
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

Tgt Ion:114 Resp: 25774
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 16.2 0.0 36.6

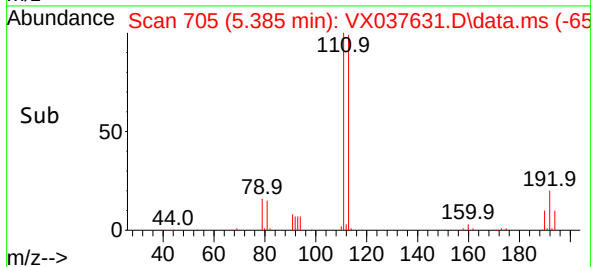
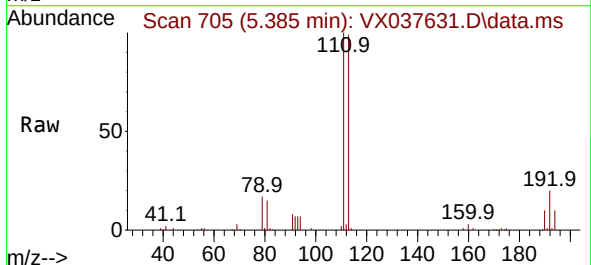
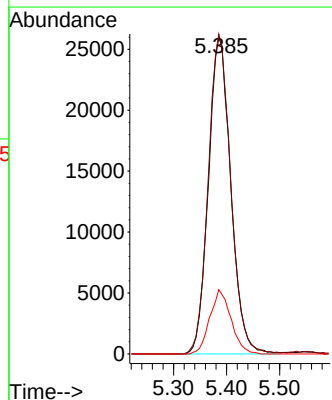
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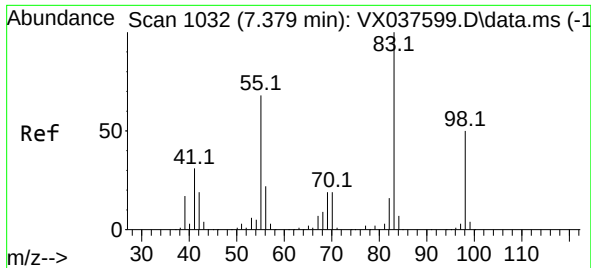
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#35
Dibromofluoromethane
Concen: 42.225 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

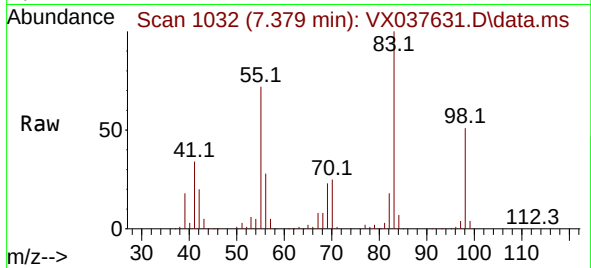
Tgt Ion:113 Resp: 76122
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.2 13.3 19.9





#39
Methylcyclohexane
Concen: 41.846 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

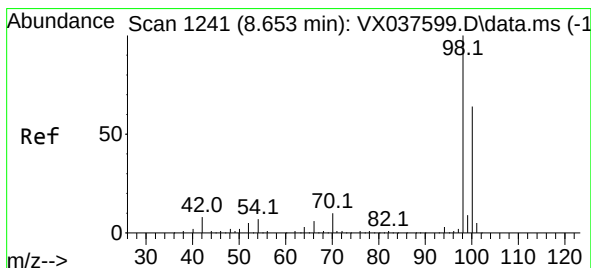
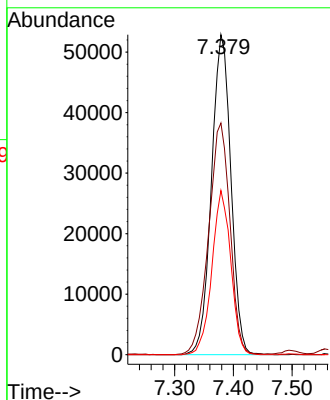
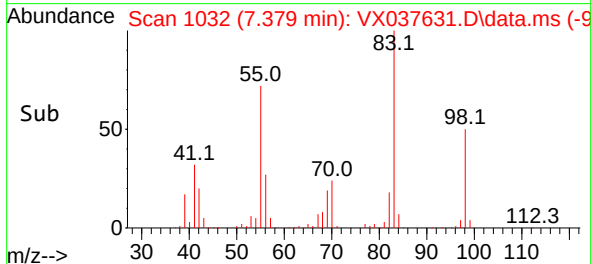
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



Tgt Ion: 83 Resp: 121518
Ion Ratio Lower Upper
83 100
55 72.3 64.6 97.0
98 51.3 36.7 55.1

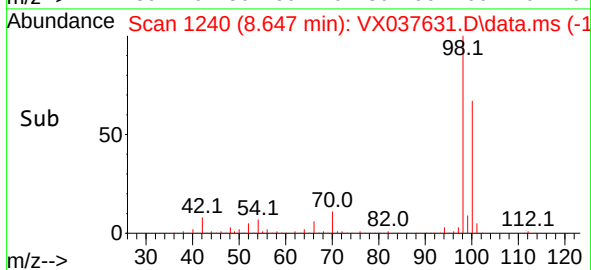
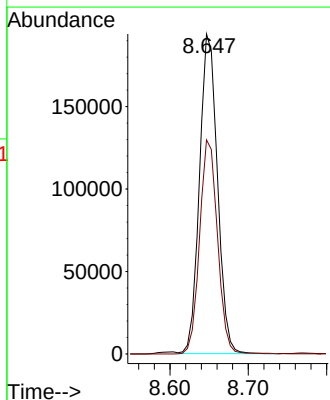
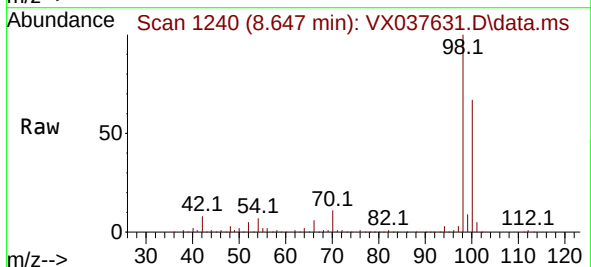
Manual Integrations
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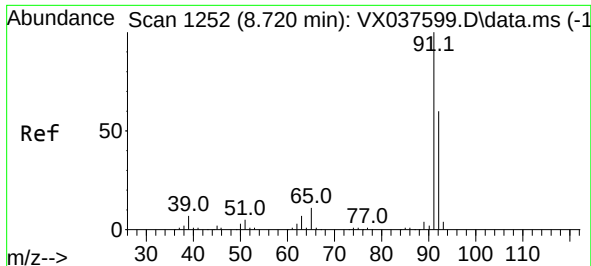
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#50
Toluene-d8
Concen: 46.642 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

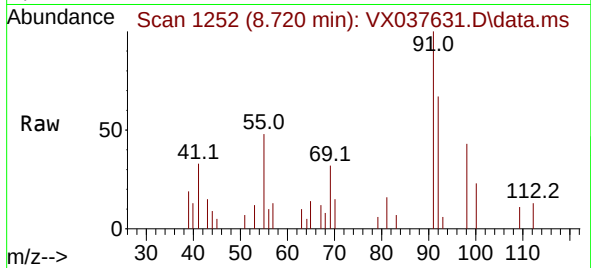
Tgt Ion: 98 Resp: 308396
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#52
Toluene
Concen: 0.235 ug/l
RT: 8.720 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

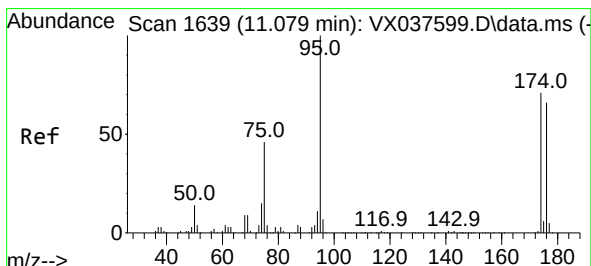
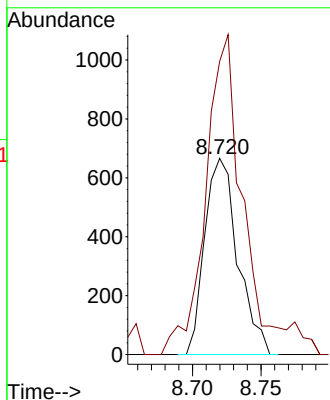
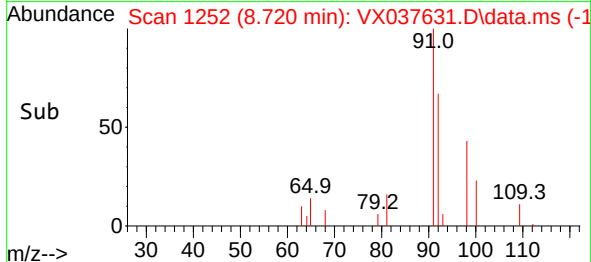
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



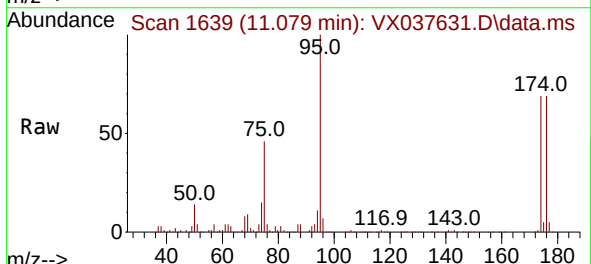
Tgt Ion: 92 Resp: 1120
Ion Ratio Lower Upper
92 100
91 187.7 134.2 201.2

Manual Integrations
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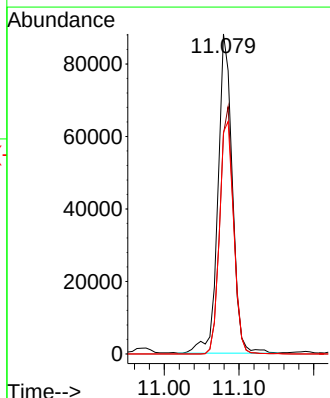
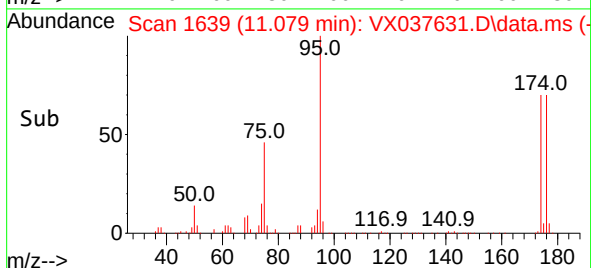
Reviewed By :John Carlone 09/11/2023
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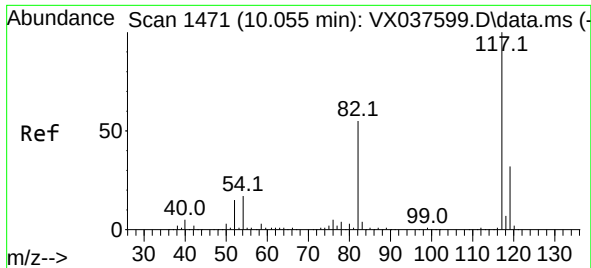


#62
4-Bromofluorobenzene
Concen: 47.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37



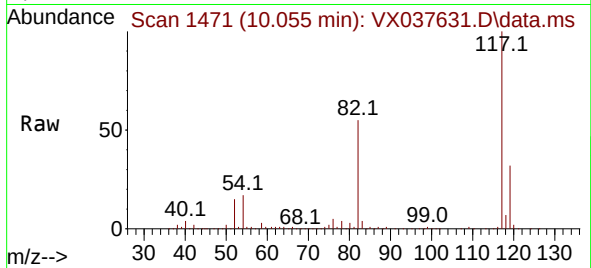
Tgt Ion: 95 Resp: 117880
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

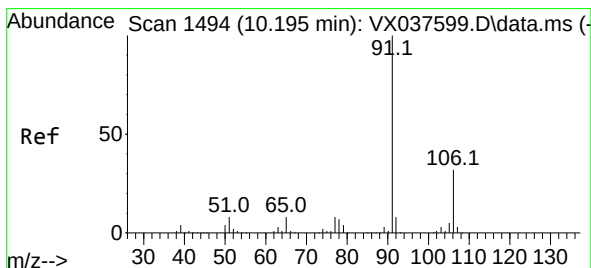
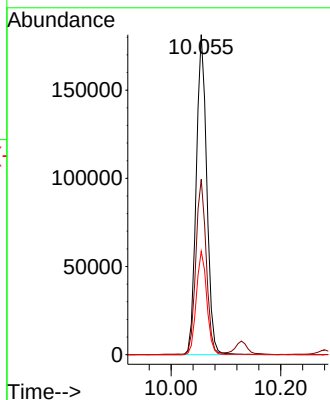
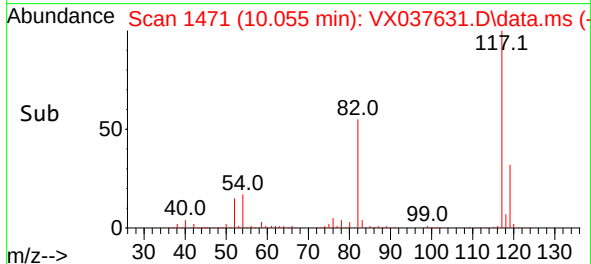
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



Tgt Ion:117 Resp: 244084
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.3 25.5 38.3

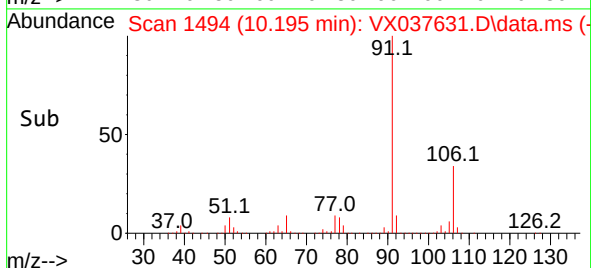
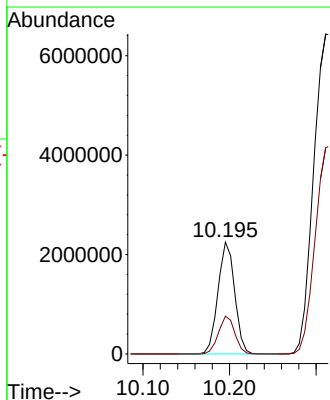
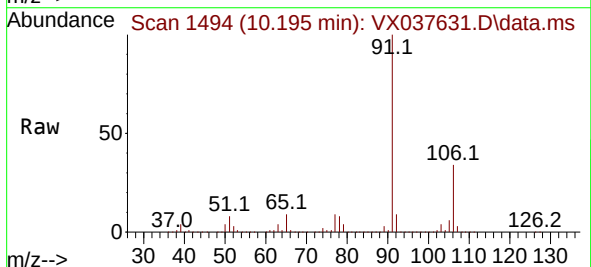
Manual Integrations
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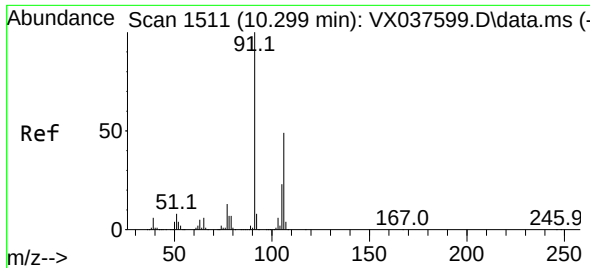
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#67
Ethyl Benzene
Concen: 330.711 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

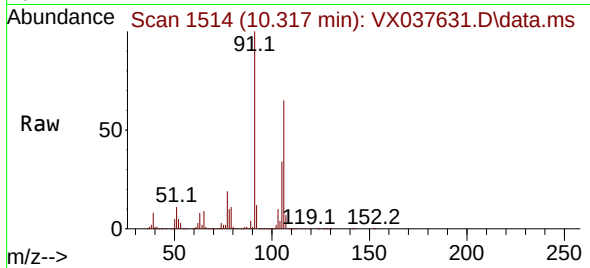
Tgt Ion: 91 Resp: 3014647
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3





#68
m/p-Xylenes
Concen: 2070.868 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.018 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

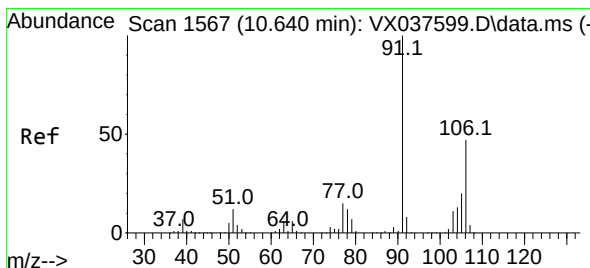
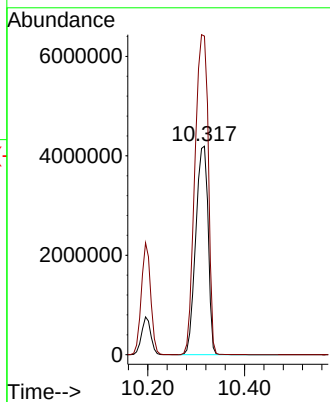
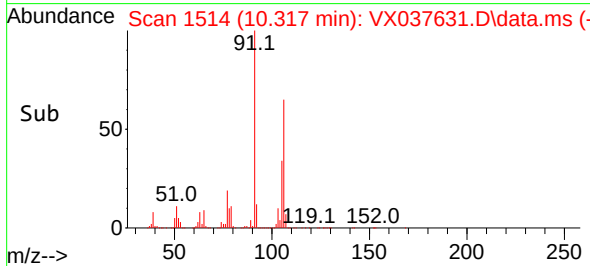
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



Tgt Ion:106 Resp: 7425874
Ion Ratio Lower Upper
106 100
91 165.8 165.5 248.3

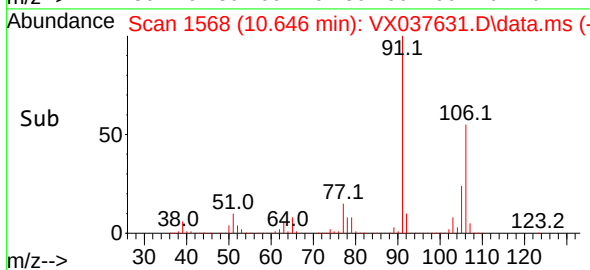
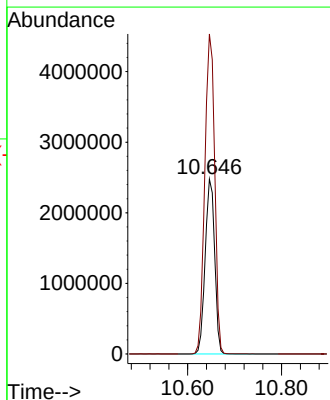
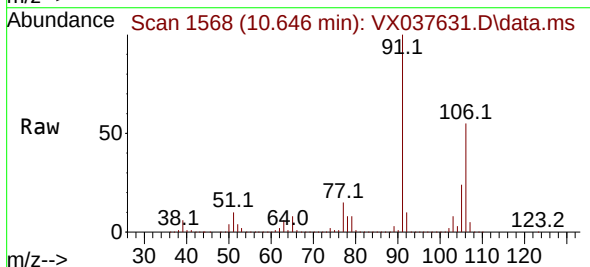
Manual Integrations
APPROVED

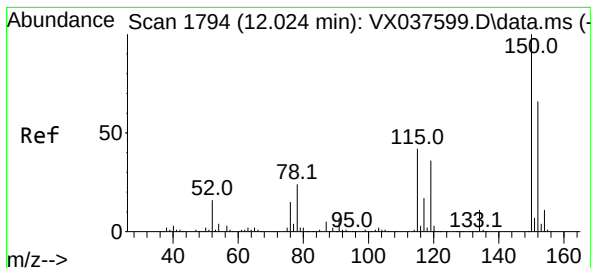
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#69
o-Xylene
Concen: 969.525 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

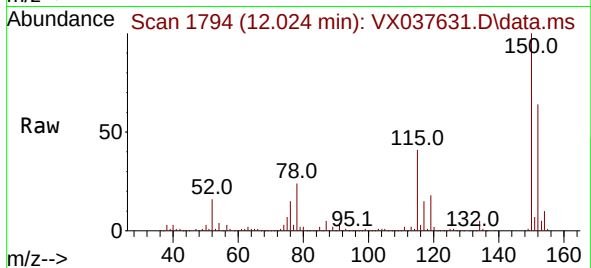
Tgt Ion:106 Resp: 3456857
Ion Ratio Lower Upper
106 100
91 190.9 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

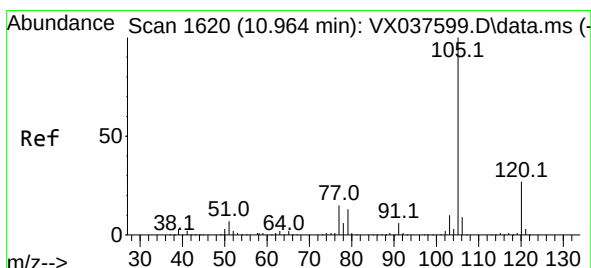
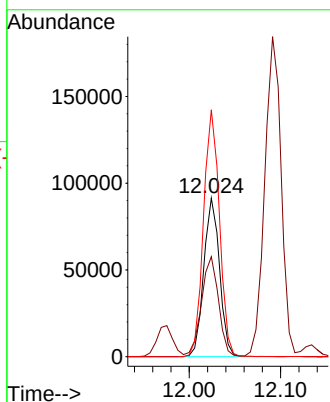
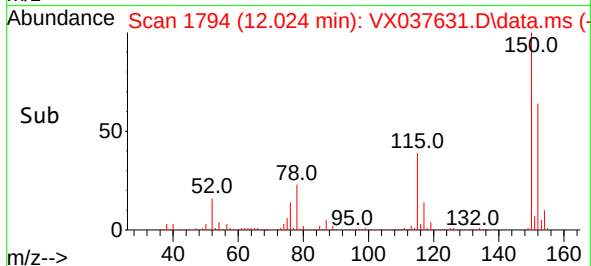
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



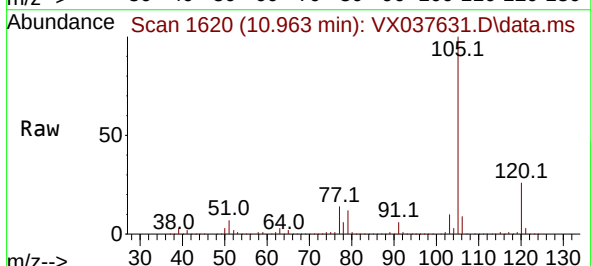
Tgt Ion:152 Resp: 108829
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 158.0 0.0 345.0

Manual Integrations
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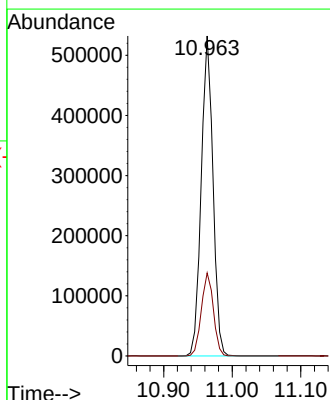
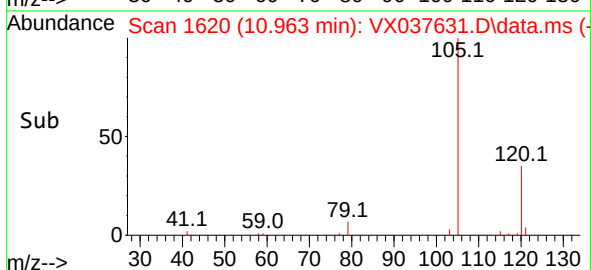
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

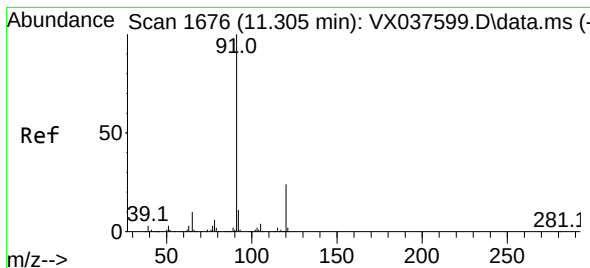


#73
Isopropylbenzene
Concen: 77.615 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37



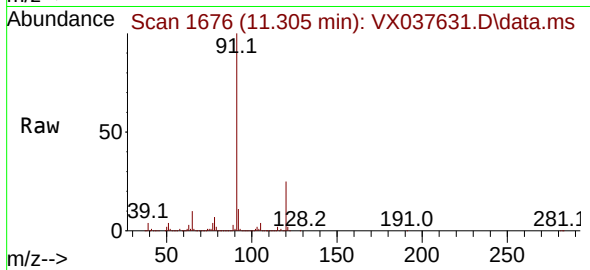
Tgt Ion:105 Resp: 634471
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6





#78
n-propylbenzene
Concen: 205.697 ug/l
RT: 11.305 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

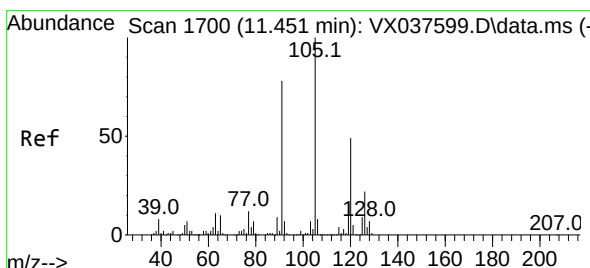
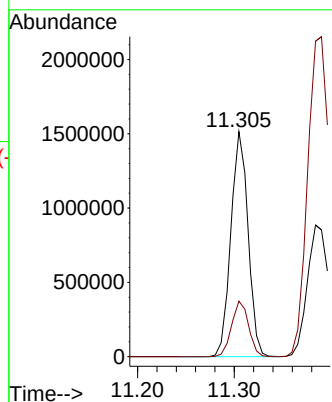
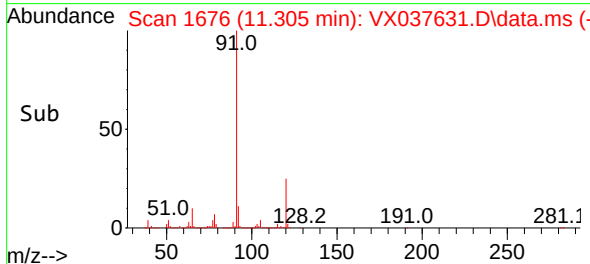
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



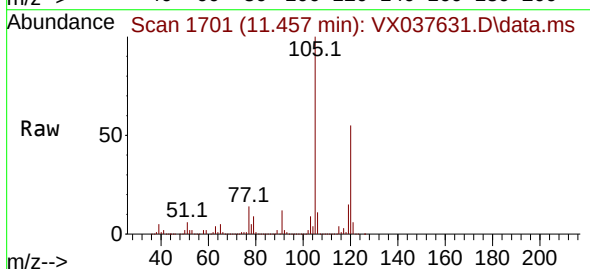
Tgt Ion: 91 Resp: 1869989
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4

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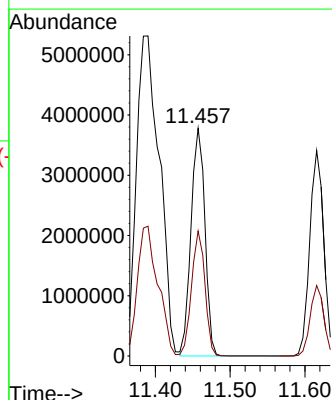
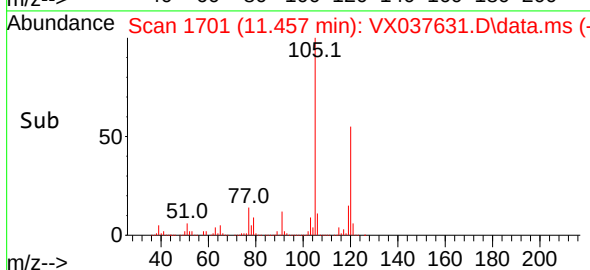
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

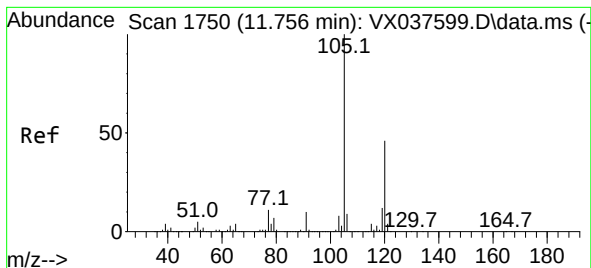


#80
1,3,5-Trimethylbenzene
Concen: 704.920 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37



Tgt Ion:105 Resp: 4887690
Ion Ratio Lower Upper
105 100
120 52.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 1655.203 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VX037631.D

Acq: 09 Sep 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

NGTW3

Tgt Ion:105 Resp:1147434

Ion Ratio Lower Upper

105 100

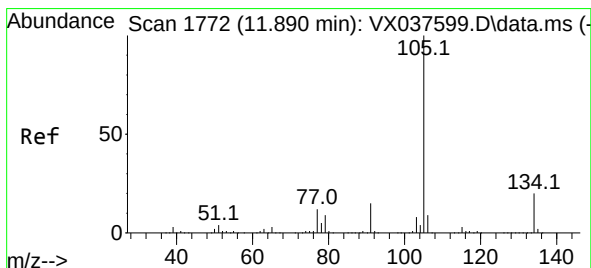
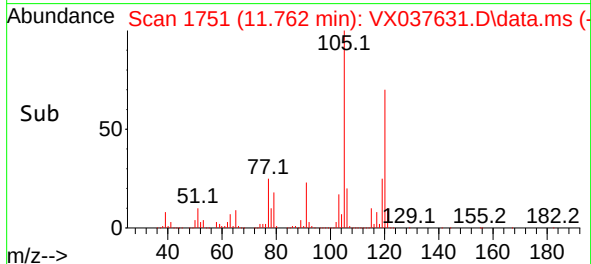
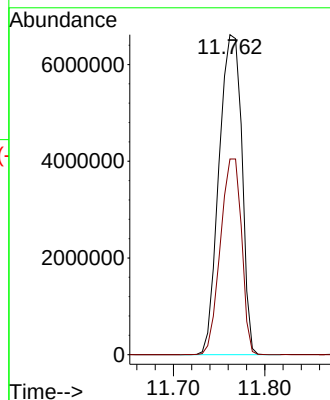
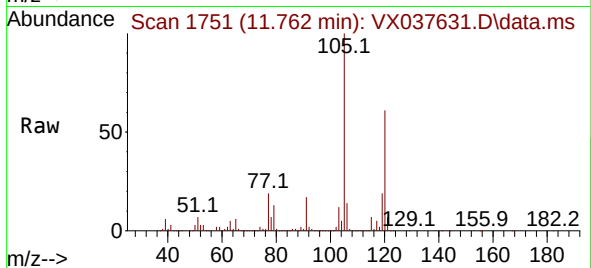
120 56.8 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#85

sec-Butylbenzene

Concen: 18.837 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037631.D

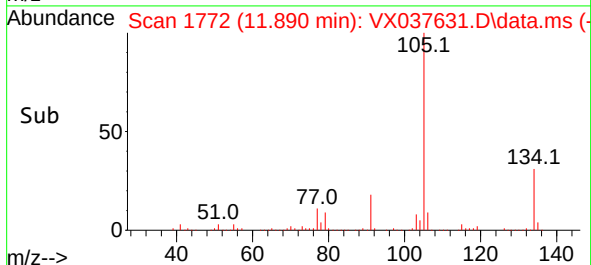
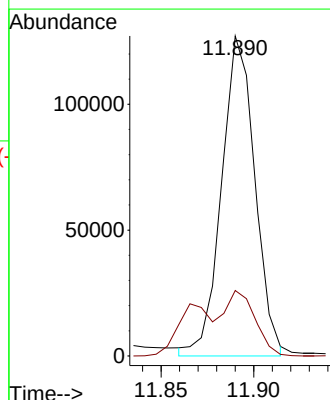
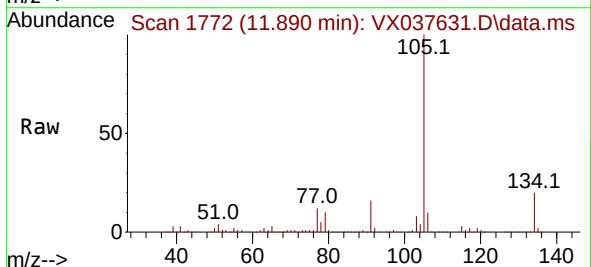
Acq: 09 Sep 2023 16:37

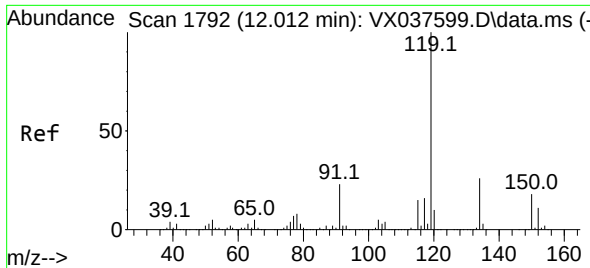
Tgt Ion:105 Resp: 158738

Ion Ratio Lower Upper

105 100

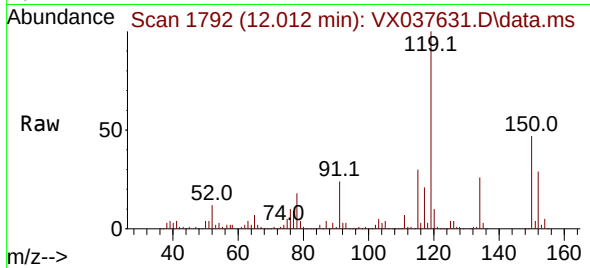
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 13.786 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37

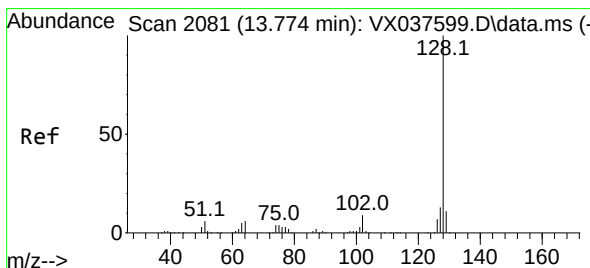
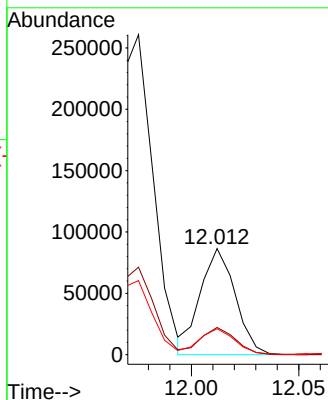
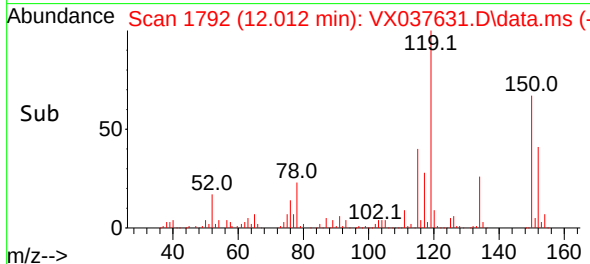
Instrument :
MSVOA_X
ClientSampleId :
NGTW3



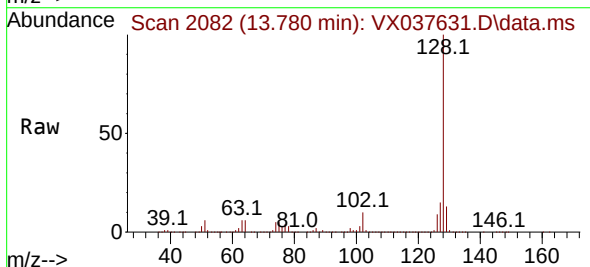
Tgt Ion:119 Resp: 98392
Ion Ratio Lower Upper
119 100
134 88.0 12.8 38.3
91 74.8 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#95
Naphthalene
Concen: 648.161 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037631.D
Acq: 09 Sep 2023 16:37



Tgt Ion:128 Resp: 5251836
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 12.8 8.8 13.2

