

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037352.D
 Acq On : 29 Aug 2023 19:43
 Operator : JC/MD
 Sample : 04150-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20230822

Quant Time: Aug 30 02:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85407	40.717	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.440%		
35) Dibromofluoromethane	5.385	113	70783	45.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.647	98	271200	48.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.660%		
62) 4-Bromofluorobenzene	11.079	95	98201	44.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.060%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	1659	2.022	ug/l #	85
17) Carbon Disulfide	2.508	76	1945	0.511	ug/l	98
65) Chlorobenzene	10.079	112	1512	0.351	ug/l	94
67) Ethyl Benzene	10.195	91	2439	0.321	ug/l	97
68) m/p-Xylenes	10.305	106	2399	0.819	ug/l	97
73) Isopropylbenzene	10.963	105	3232	0.480	ug/l	99
78) n-propylbenzene	11.305	91	4694	0.626	ug/l	96
79) 2-Chlorotoluene	11.366	91	3158	0.659	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4168	0.742	ug/l	97
83) tert-Butylbenzene	11.713	119	3472	0.648	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	4523	0.796	ug/l	96
85) sec-Butylbenzene	11.890	105	4798	0.766	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	2873	0.933	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	2944m	0.925	ug/l	
89) n-Butylbenzene	12.335	91	3762	0.842	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	2821	1.598	ug/l	92
95) Naphthalene	13.774	128	8247	1.067	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	3152	1.798	ug/l	95

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

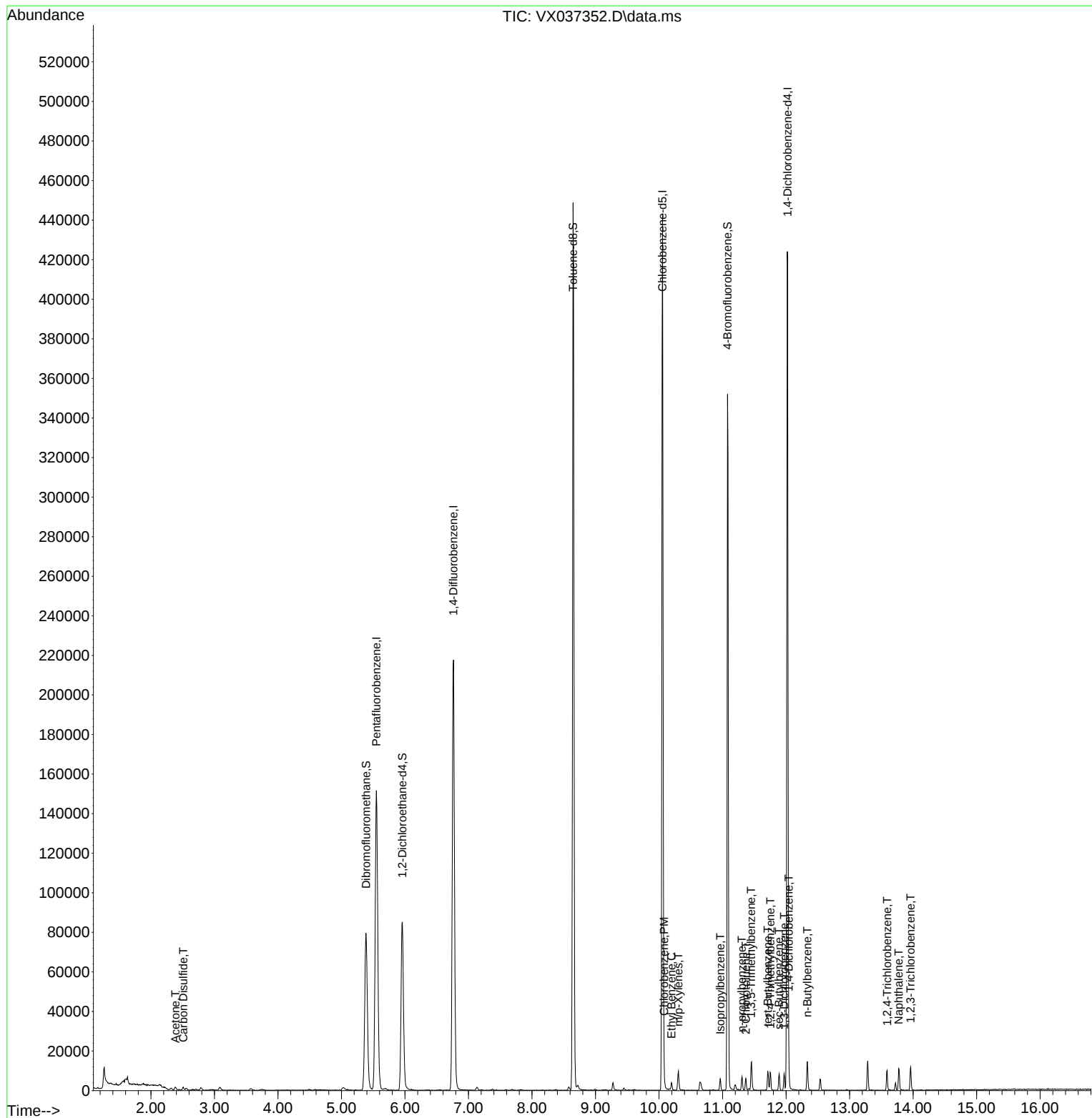
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037352.D
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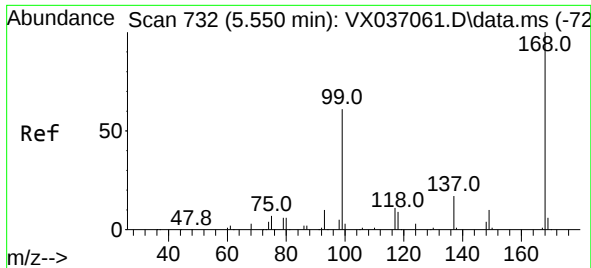
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822

Quant Time: Aug 30 02:09:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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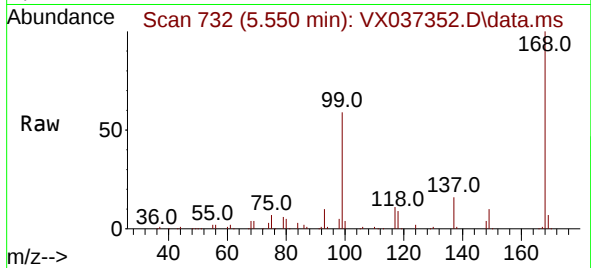
Reviewed By : John Carlone 08/30/2023
Supervised By : Mahesh Dadoda 08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

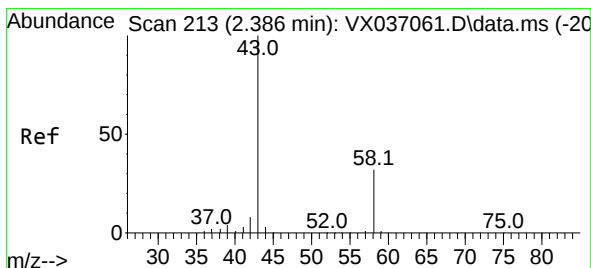
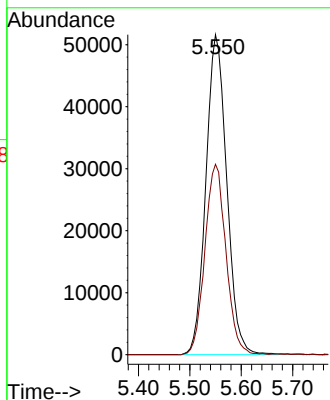
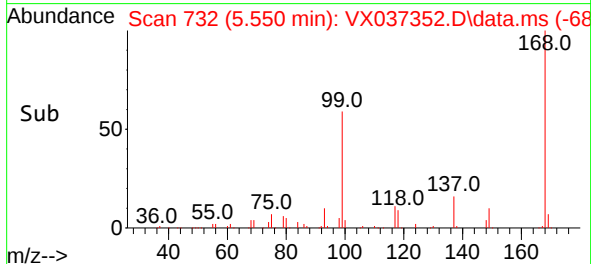
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



Tgt Ion:168 Resp: 14549
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0

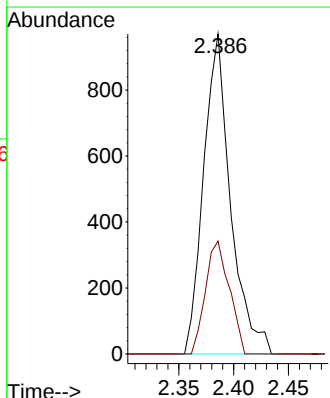
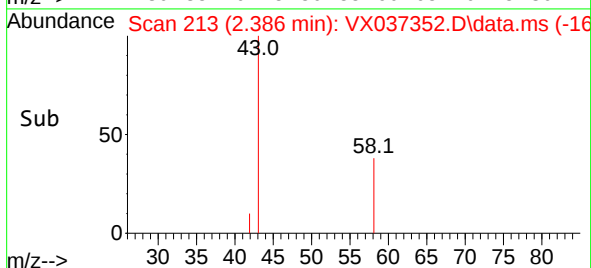
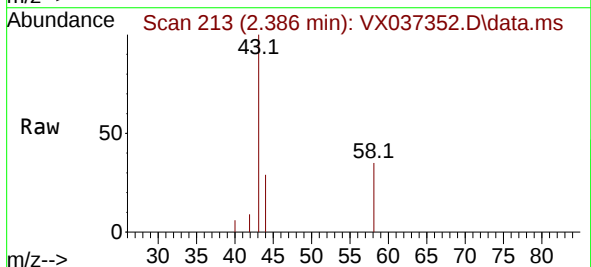
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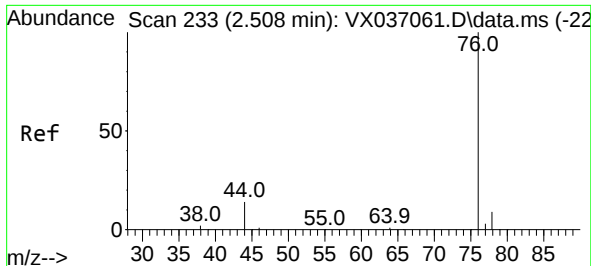
Reviewed By :John Carlone 08/30/2023
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#16
Acetone
Concen: 2.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9





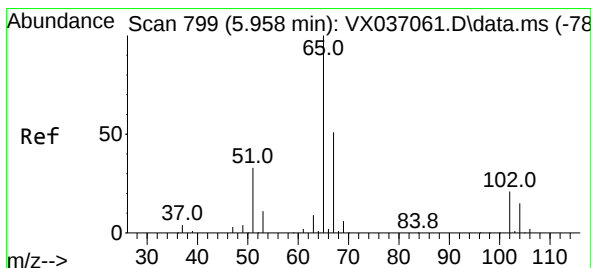
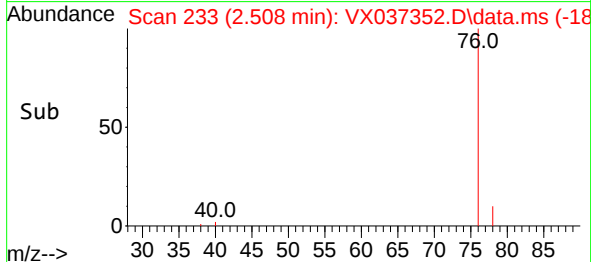
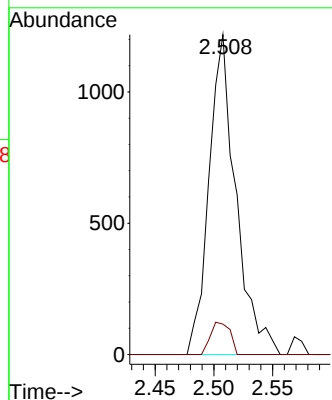
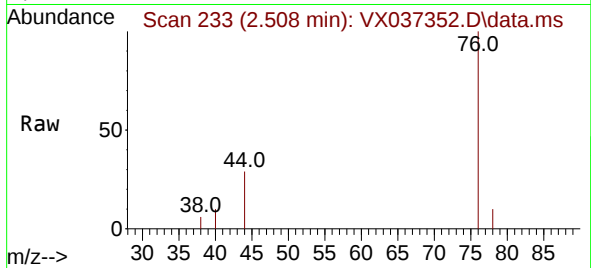
#17
Carbon Disulfide
Concen: 0.511 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822

Tgt Ion: 76 Resp: 194
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

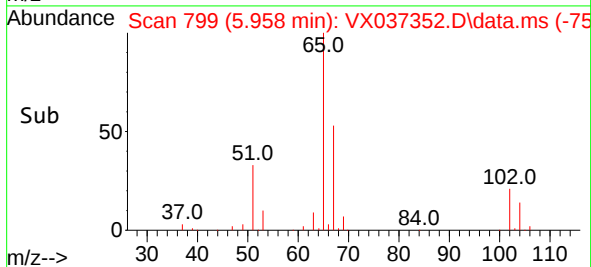
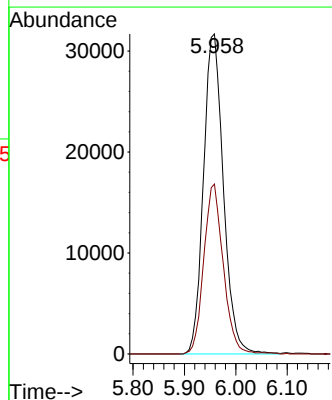
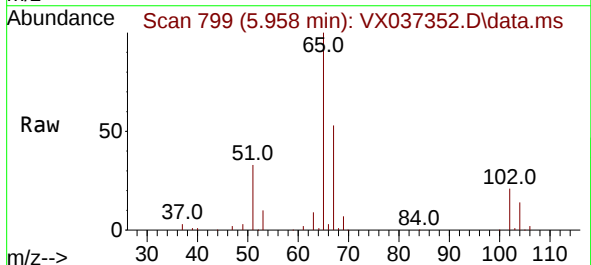
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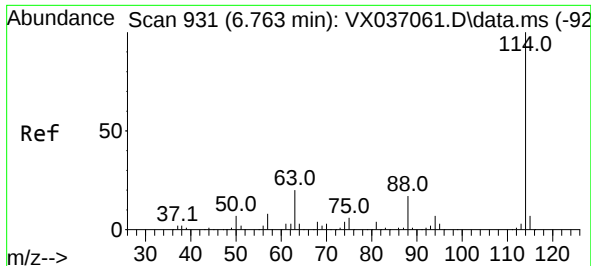
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#33
1,2-Dichloroethane-d4
Concen: 40.717 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

Tgt Ion: 65 Resp: 85407
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2





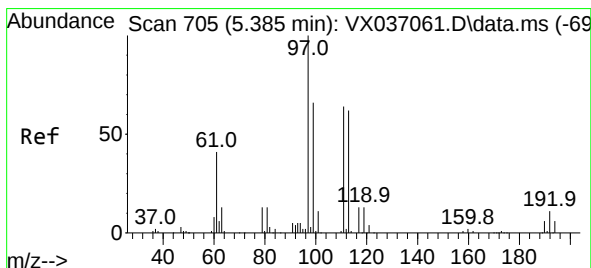
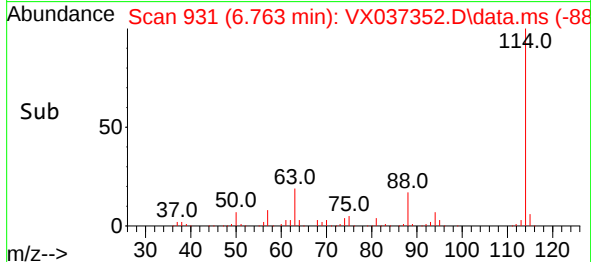
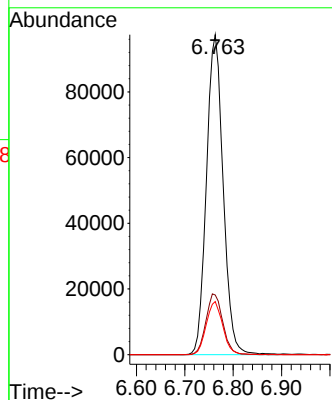
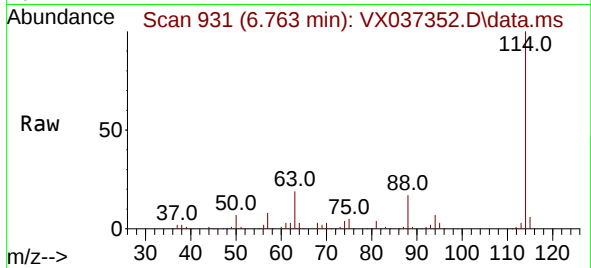
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822

Tgt Ion:114 Resp: 23358
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.6 0.0 36.6

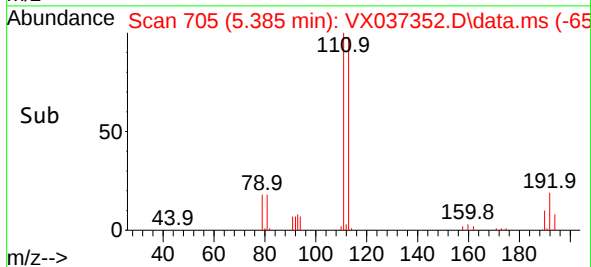
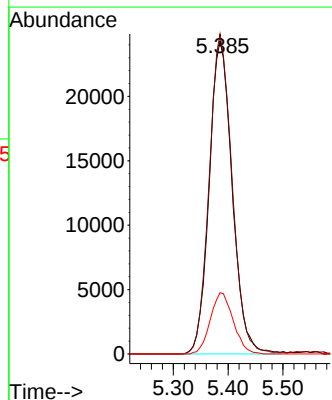
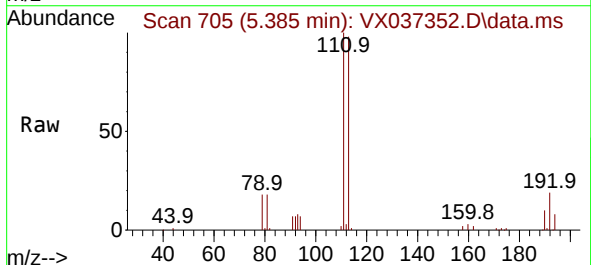
Manual Integrations
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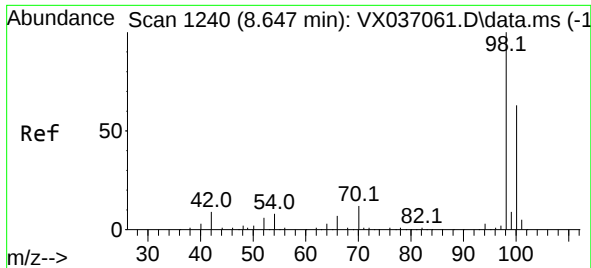
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#35
Dibromofluoromethane
Concen: 45.756 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

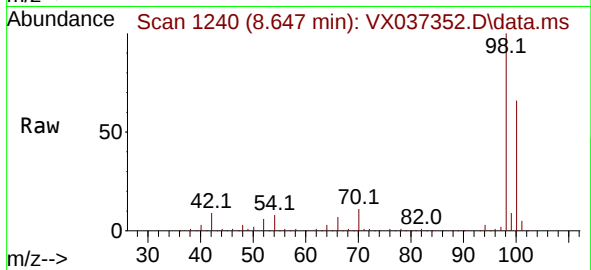
Tgt Ion:113 Resp: 70783
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.5 13.3 19.9





#50
Toluene-d8
Concen: 48.330 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

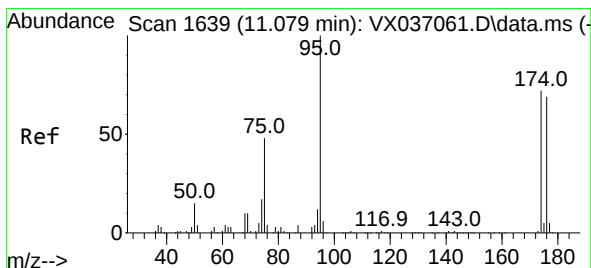
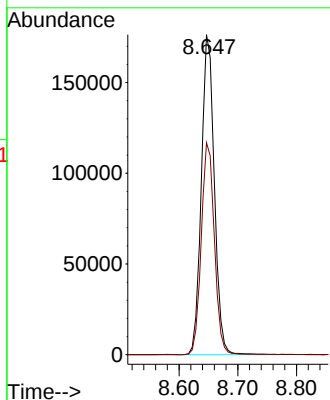
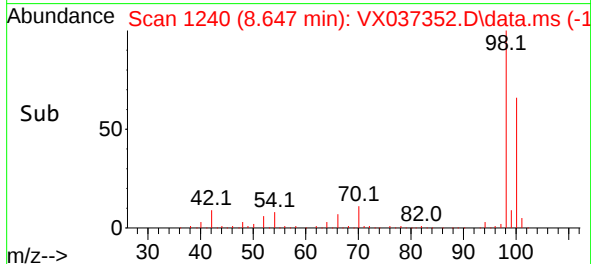
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



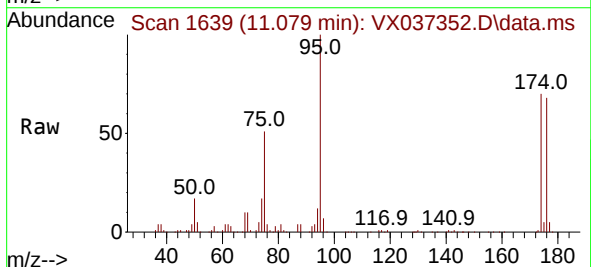
Tgt Ion: 98 Resp: 271200
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

Manual Integrations
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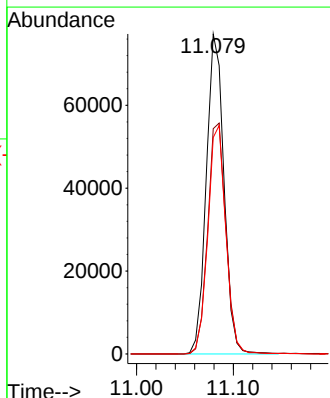
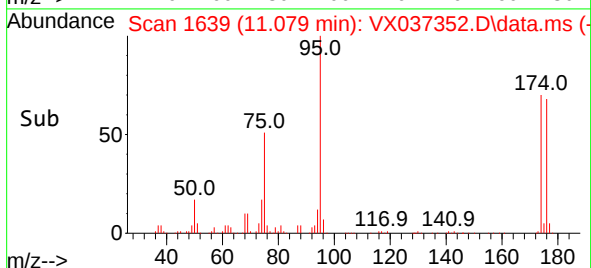
Reviewed By :John Carlone 08/30/2023
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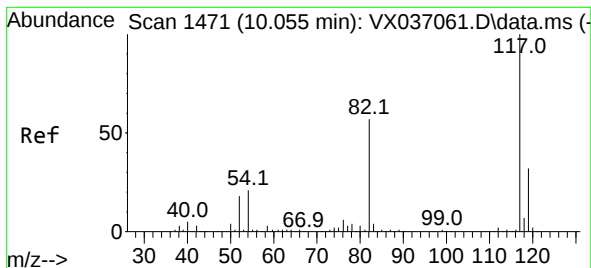


#62
4-Bromofluorobenzene
Concen: 44.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43



Tgt Ion: 95 Resp: 98201
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.6 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: VX037352.D

Acq: 29 Aug 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20230822

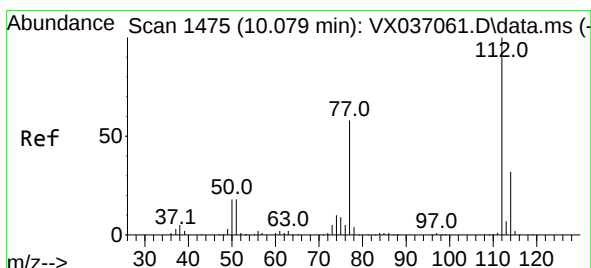
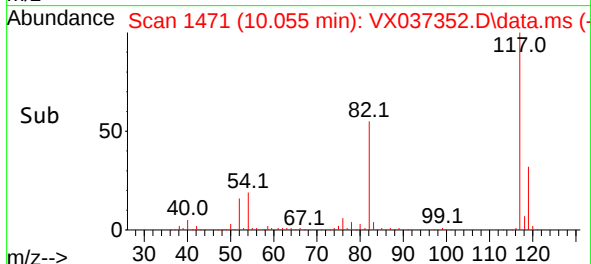
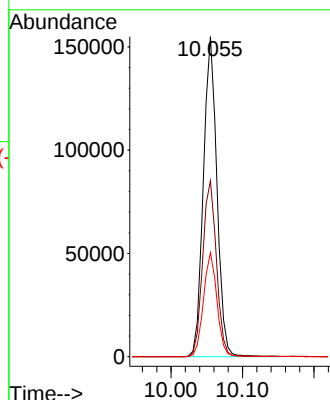
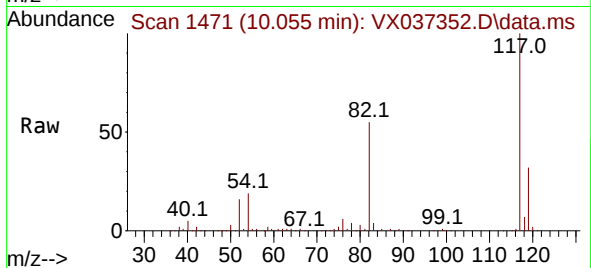
Tgt Ion:117 Resp: 204036
 Ion Ratio Lower Upper
 117 100
 82 55.0 46.2 69.4
 119 32.5 25.5 38.3

Manual Integrations

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Supervised By :Mahesh Dadoda 08/31/2023



#65

Chlorobenzene

Concen: 0.351 ug/l

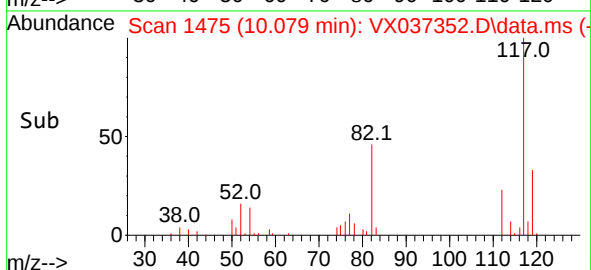
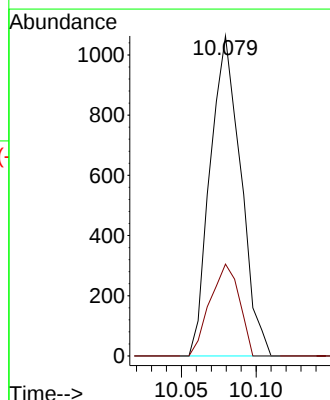
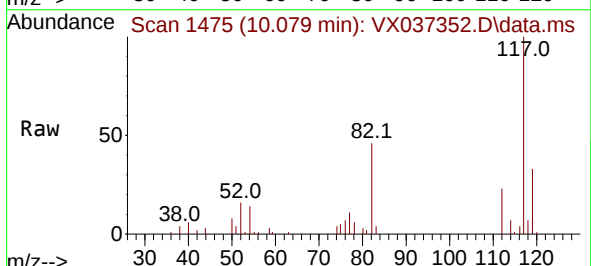
RT: 10.079 min Scan# 1475

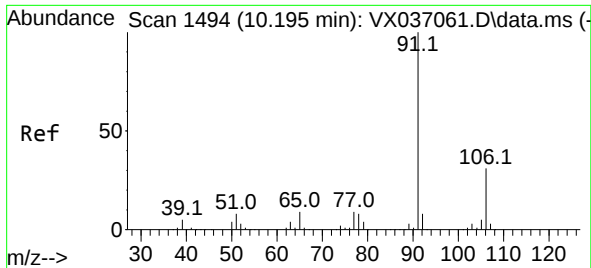
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Lab File: VX037352.D

Acq: 29 Aug 2023 19:43

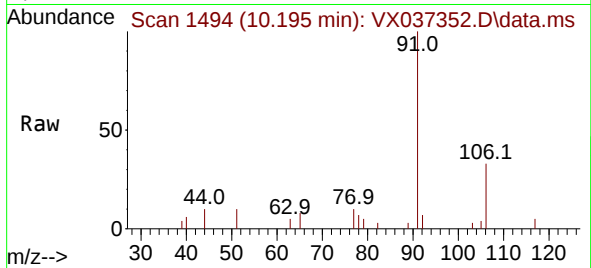
Tgt Ion:112 Resp: 1512
 Ion Ratio Lower Upper
 112 100
 114 28.7 25.7 38.5





#67
Ethyl Benzene
Concen: 0.321 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

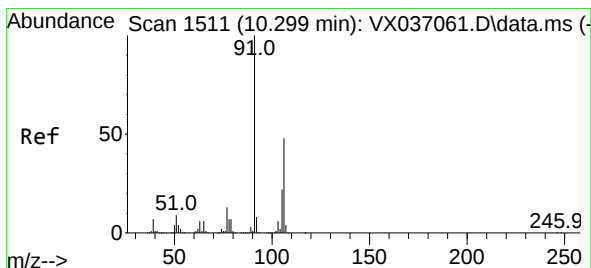
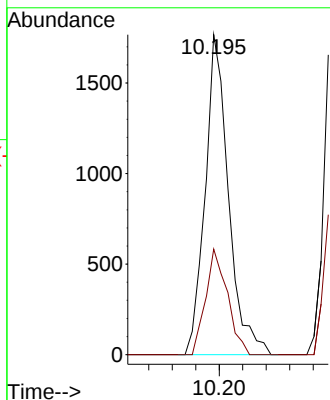
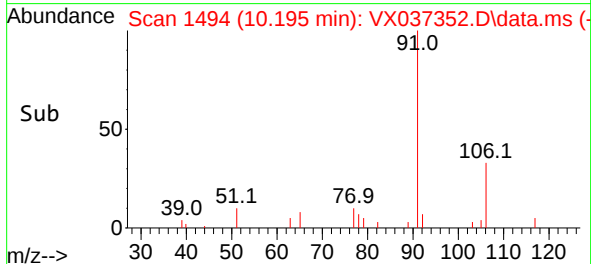
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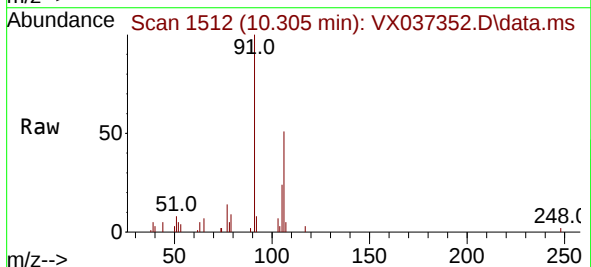
Tgt Ion: 91 Resp: 2439
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

Manual Integrations
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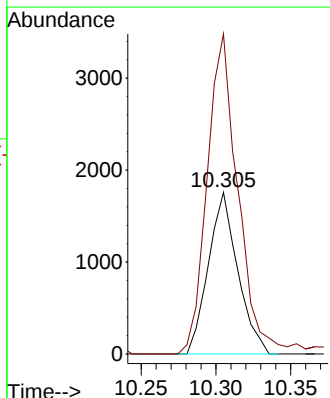
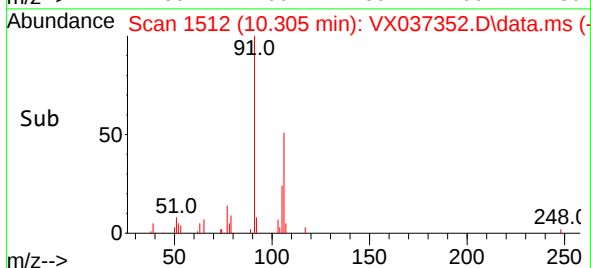
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

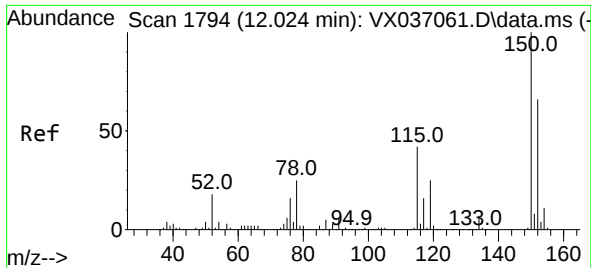


#68
m/p-Xylenes
Concen: 0.819 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43



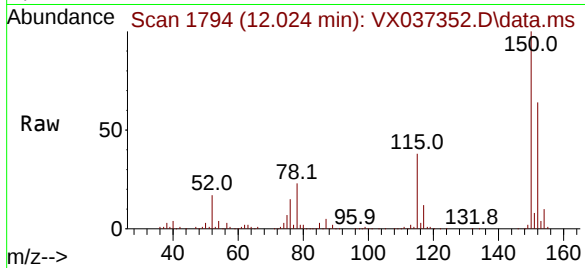
Tgt Ion:106 Resp: 2399
Ion Ratio Lower Upper
106 100
91 211.5 165.5 248.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

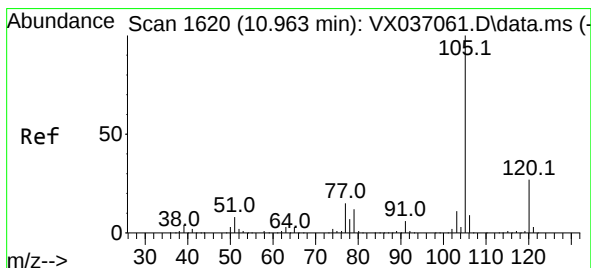
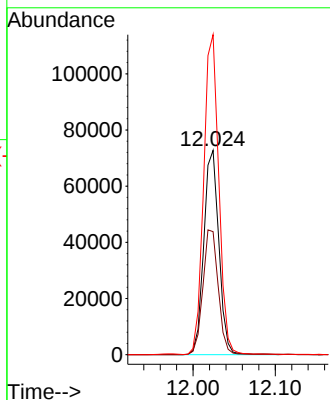
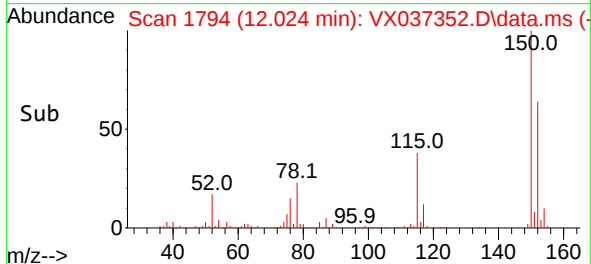
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



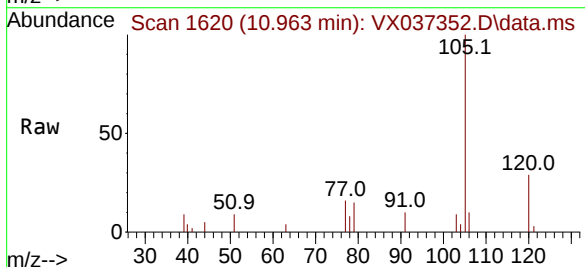
Tgt Ion:152 Resp: 92688
Ion Ratio Lower Upper
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115 62.3 43.3 129.9
150 157.6 0.0 345.0

Manual Integrations
APPROVED

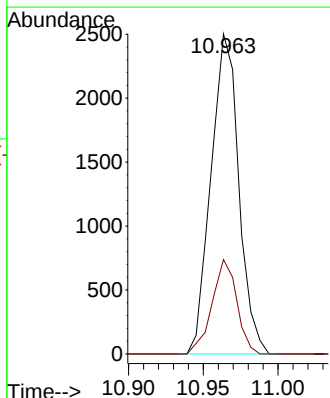
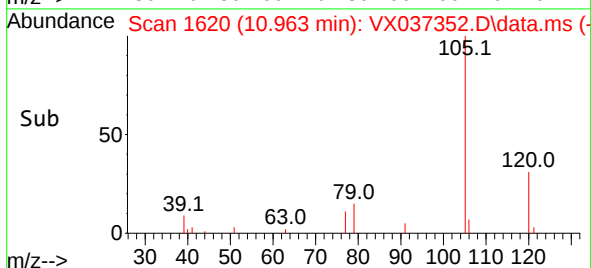
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

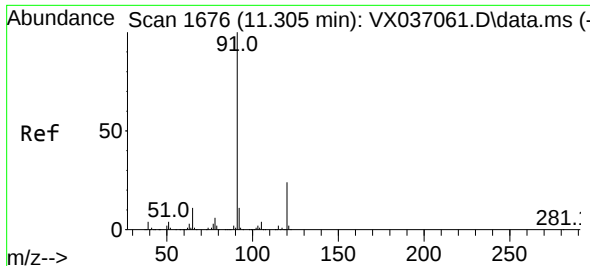


#73
Isopropylbenzene
Concen: 0.480 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43



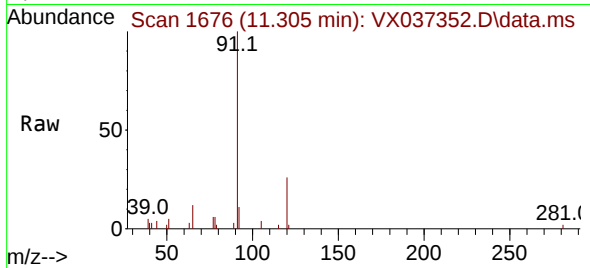
Tgt Ion:105 Resp: 3232
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6





#78
n-propylbenzene
Concen: 0.626 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

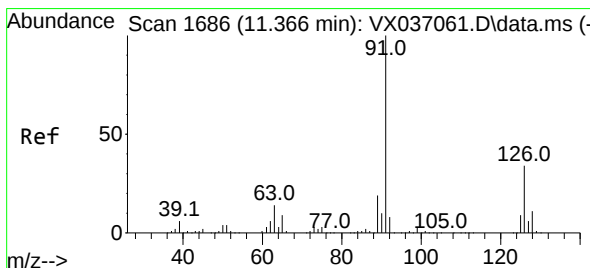
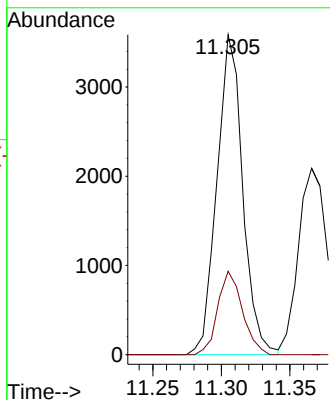
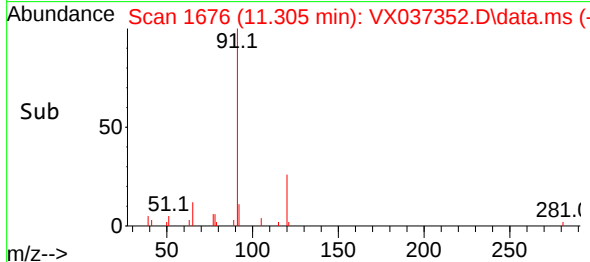
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



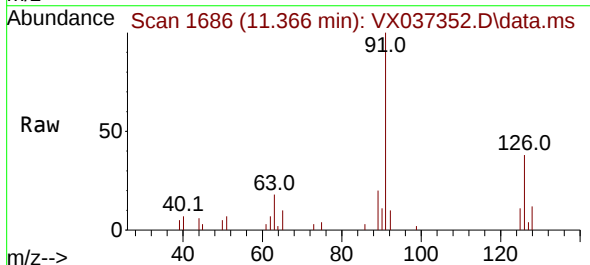
Tgt Ion: 91 Resp: 4694
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.4

Manual Integrations
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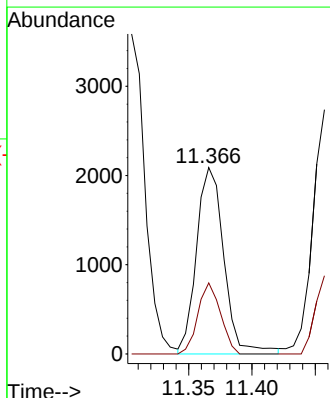
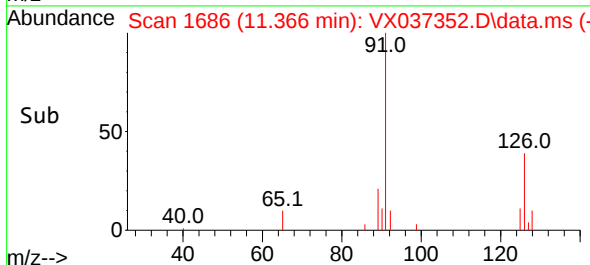
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

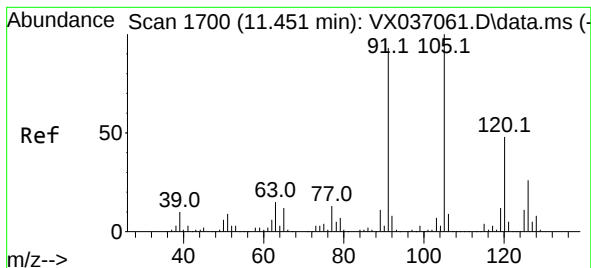


#79
2-Chlorotoluene
Concen: 0.659 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43



Tgt Ion: 91 Resp: 3158
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.742 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037352.D

Acq: 29 Aug 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20230822

Tgt Ion:105 Resp: 416

Ion Ratio Lower Upper

105 100

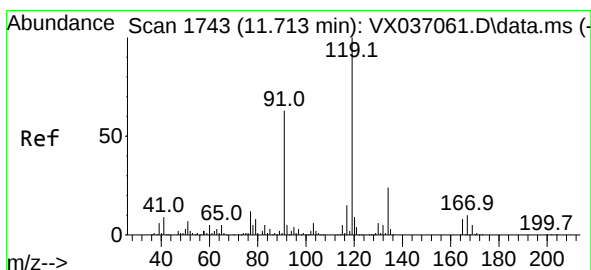
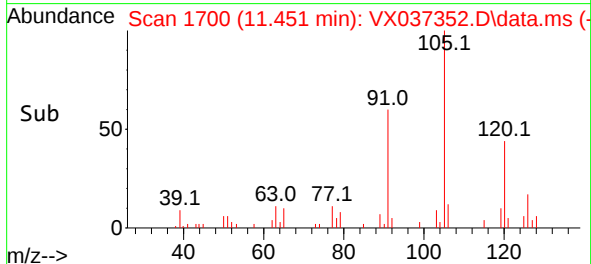
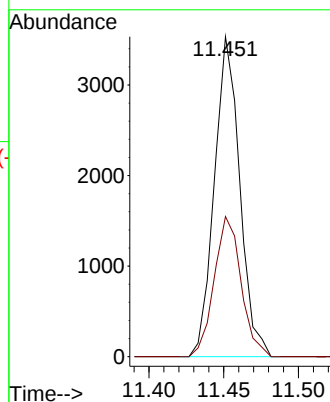
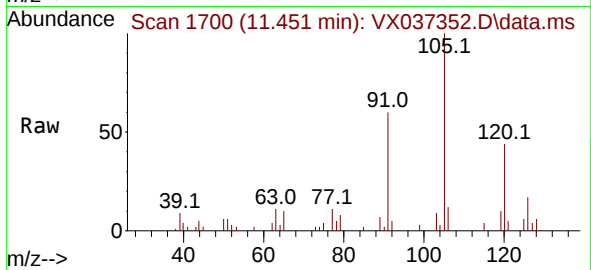
120 46.4 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#83

tert-Butylbenzene

Concen: 0.648 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037352.D

Acq: 29 Aug 2023 19:43

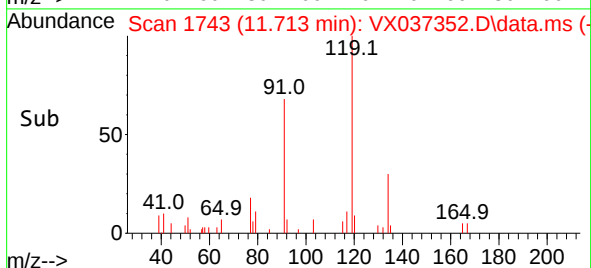
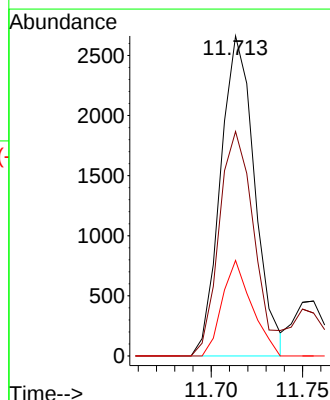
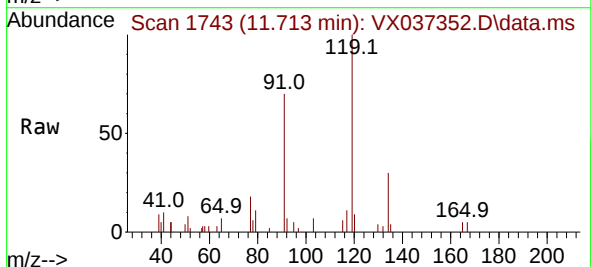
Tgt Ion:119 Resp: 3472

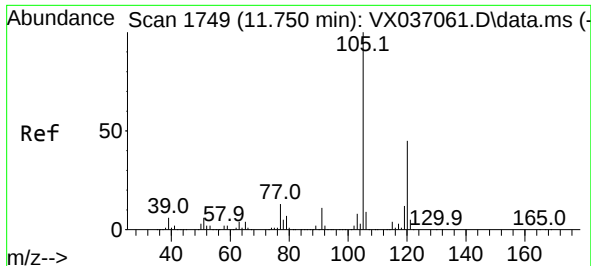
Ion Ratio Lower Upper

119 100

91 71.9 31.2 93.6

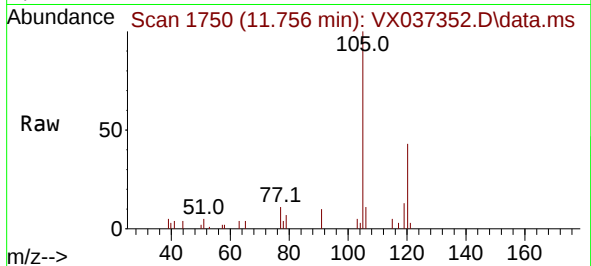
134 25.8 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

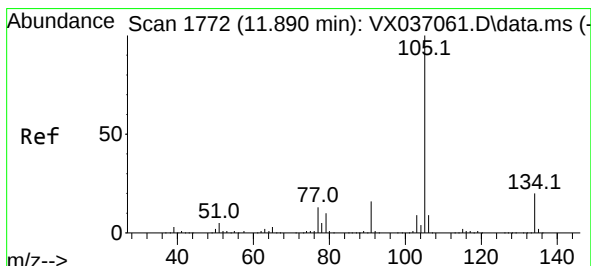
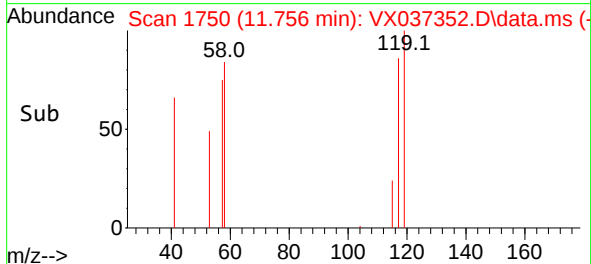
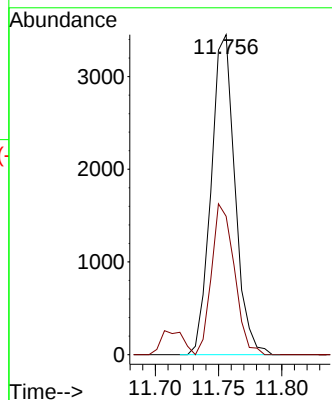
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



Tgt Ion:105 Resp: 452
Ion Ratio Lower Upper
105 100
120 45.1 21.2 63.6

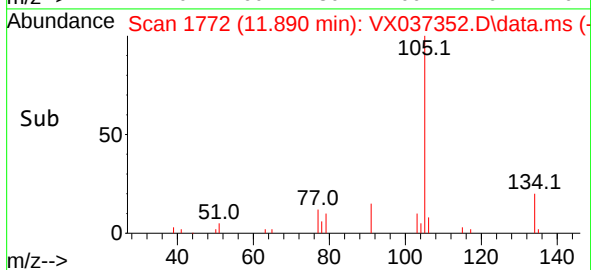
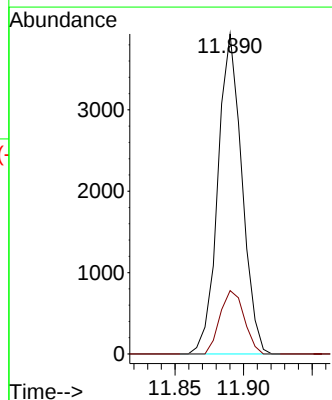
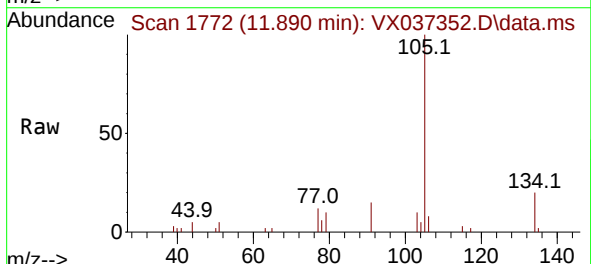
Manual Integrations
APPROVED

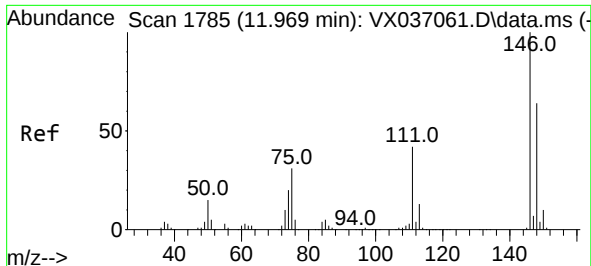
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#85
sec-Butylbenzene
Concen: 0.766 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

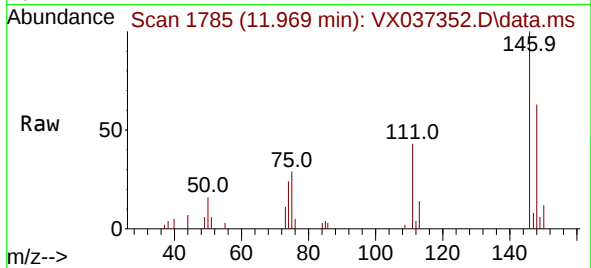
Tgt Ion:105 Resp: 4798
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.4





#87
1,3-Dichlorobenzene
Concen: 0.933 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

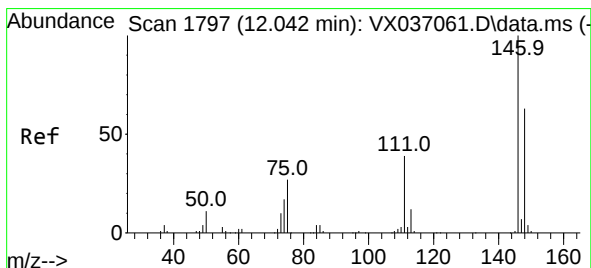
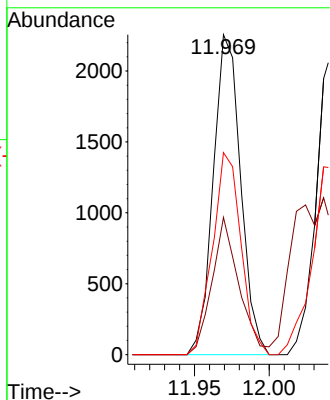
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



Tgt Ion:146 Resp: 287
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 65.4 31.8 95.3

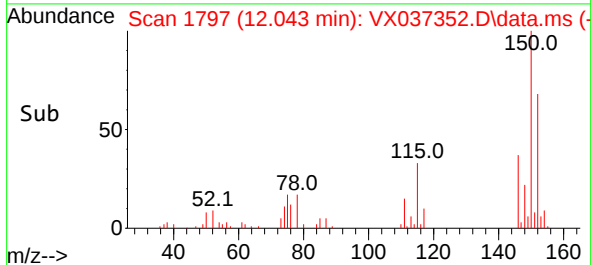
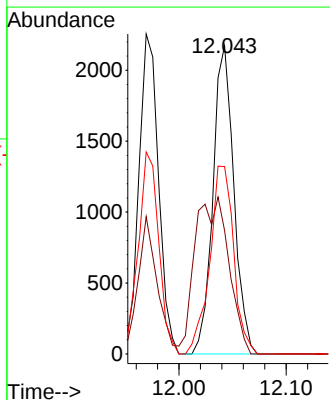
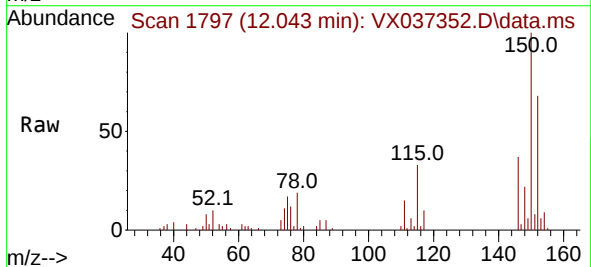
Manual Integrations
APPROVED

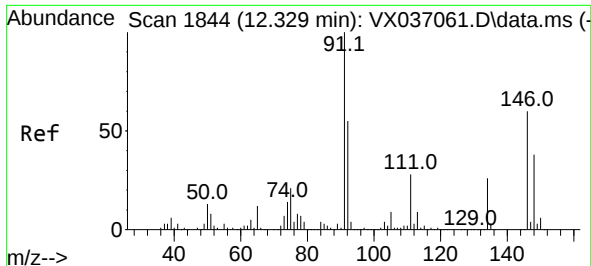
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#88
1,4-Dichlorobenzene
Concen: 0.925 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

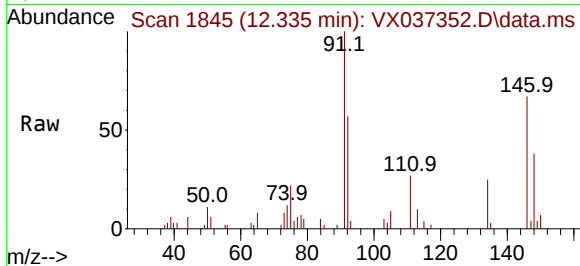
Tgt Ion:146 Resp: 2944
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.7
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 0.842 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43

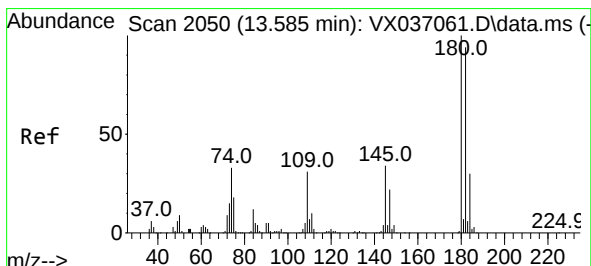
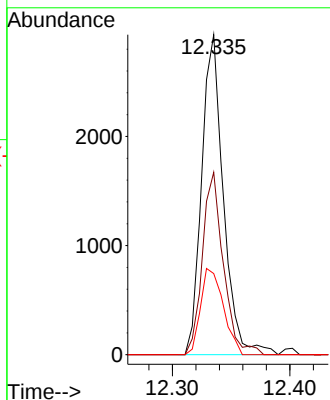
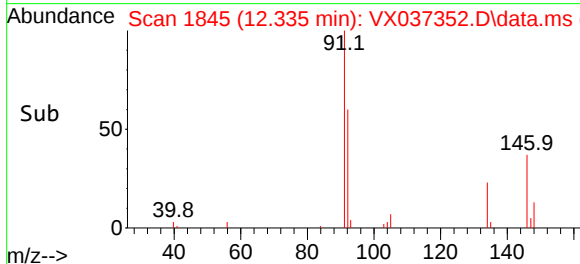
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230822



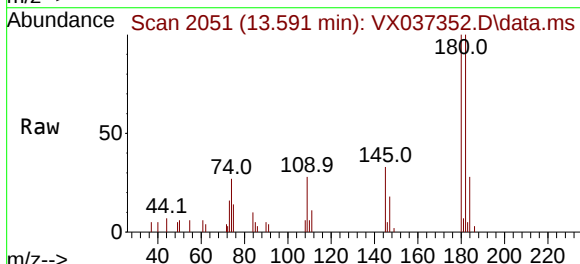
Tgt Ion: 91 Resp: 3762
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.0
134 28.3 12.6 37.8

Manual Integrations
APPROVED

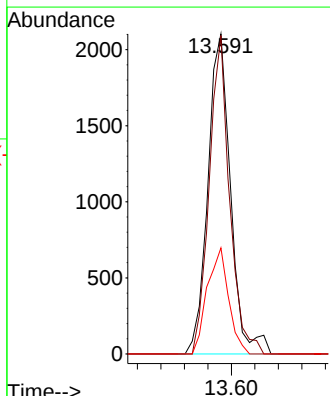
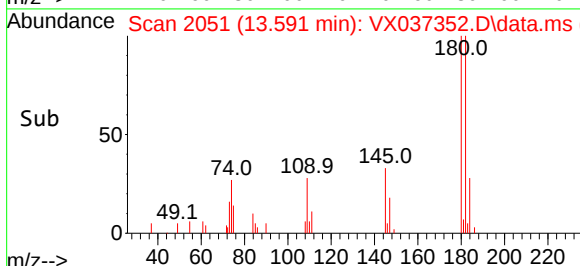
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

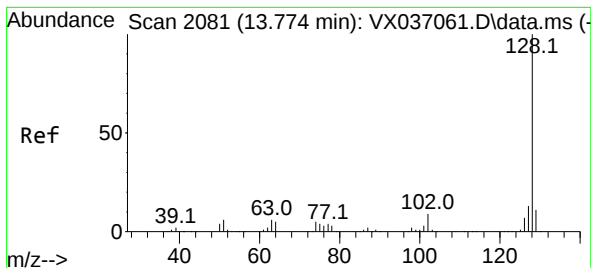


#93
1,2,4-Trichlorobenzene
Concen: 1.598 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037352.D
Acq: 29 Aug 2023 19:43



Tgt Ion:180 Resp: 2821
Ion Ratio Lower Upper
180 100
182 89.2 48.3 144.8
145 31.2 18.0 54.0





#95

Naphthalene

Concen: 1.067 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037352.D

Acq: 29 Aug 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

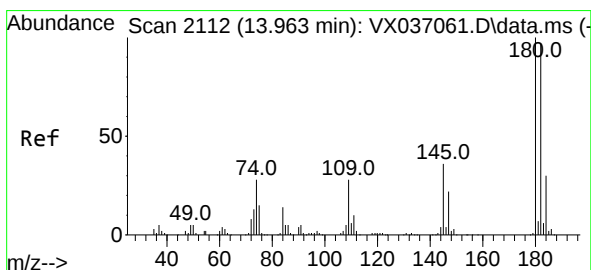
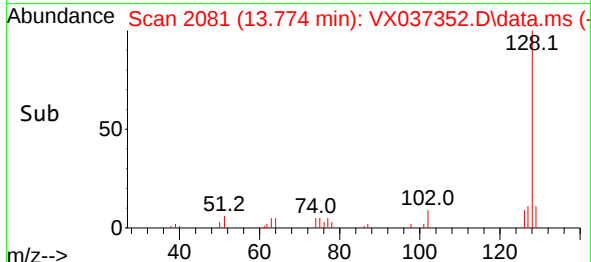
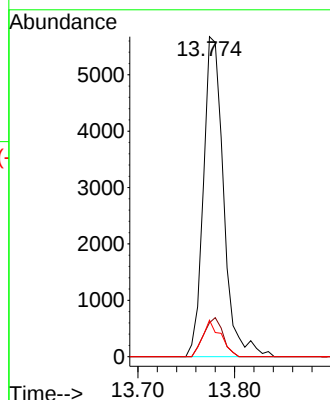
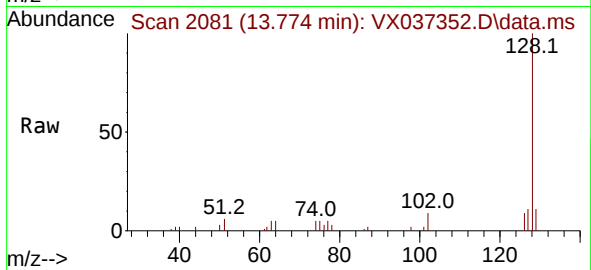
RW9-MW01D1-20230822

Tgt Ion:	128	Resp:	824
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	10.2	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 1.798 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037352.D

Acq: 29 Aug 2023 19:43

Tgt Ion:	180	Resp:	3152
Ion	Ratio	Lower	Upper
180	100		
182	87.5	46.9	140.6
145	34.2	17.8	53.5

