

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028970.D
 Acq On : 25 May 2022 23:59
 Operator : JC/MD
 Sample : N3002-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: May 26 05:50:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	342367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	603283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	303594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225796	48.113	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	5.385	113	197986	50.090	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.180%		
50) Toluene-d8	8.653	98	729522	48.954	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	297211	53.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.800%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.465	142	1674	0.366	ug/l	90
11) Tert butyl alcohol	2.946	59	16444	8.813	ug/l #	72
19) Methyl tert-butyl Ether	3.117	73	24181	1.923	ug/l #	44
20) Methylene Chloride	2.794	84	1477	0.350	ug/l #	85
31) Cyclohexane	5.470	56	19208	2.949	ug/l	98
39) Methylcyclohexane	7.379	83	24214	3.557	ug/l #	86
40) Benzene	6.037	78	130291	7.636	ug/l	100
44) Trichloroethene	7.123	130	2274	0.491	ug/l	100
52) Toluene	8.720	92	120194	10.951	ug/l	98
67) Ethyl Benzene	10.195	91	2910770	130.874	ug/l	96
68) m/p-Xylenes	10.305	106	4249388	490.748	ug/l	87
69) o-Xylene	10.646	106	2158051	253.136	ug/l	95
73) Isopropylbenzene	10.963	105	153093	6.650	ug/l	99
78) n-propylbenzene	11.305	91	397943	14.943	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	904075	47.127	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	3629469	188.667	ug/l	96
85) sec-Butylbenzene	11.890	105	20941m	0.914	ug/l	
86) p-Isopropyltoluene	12.012	119	14911	0.776	ug/l #	75
94) Hexachlorobutadiene	13.725	225	993	0.403	ug/l	96
95) Naphthalene	13.774	128	1428921	66.235	ug/l	100

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

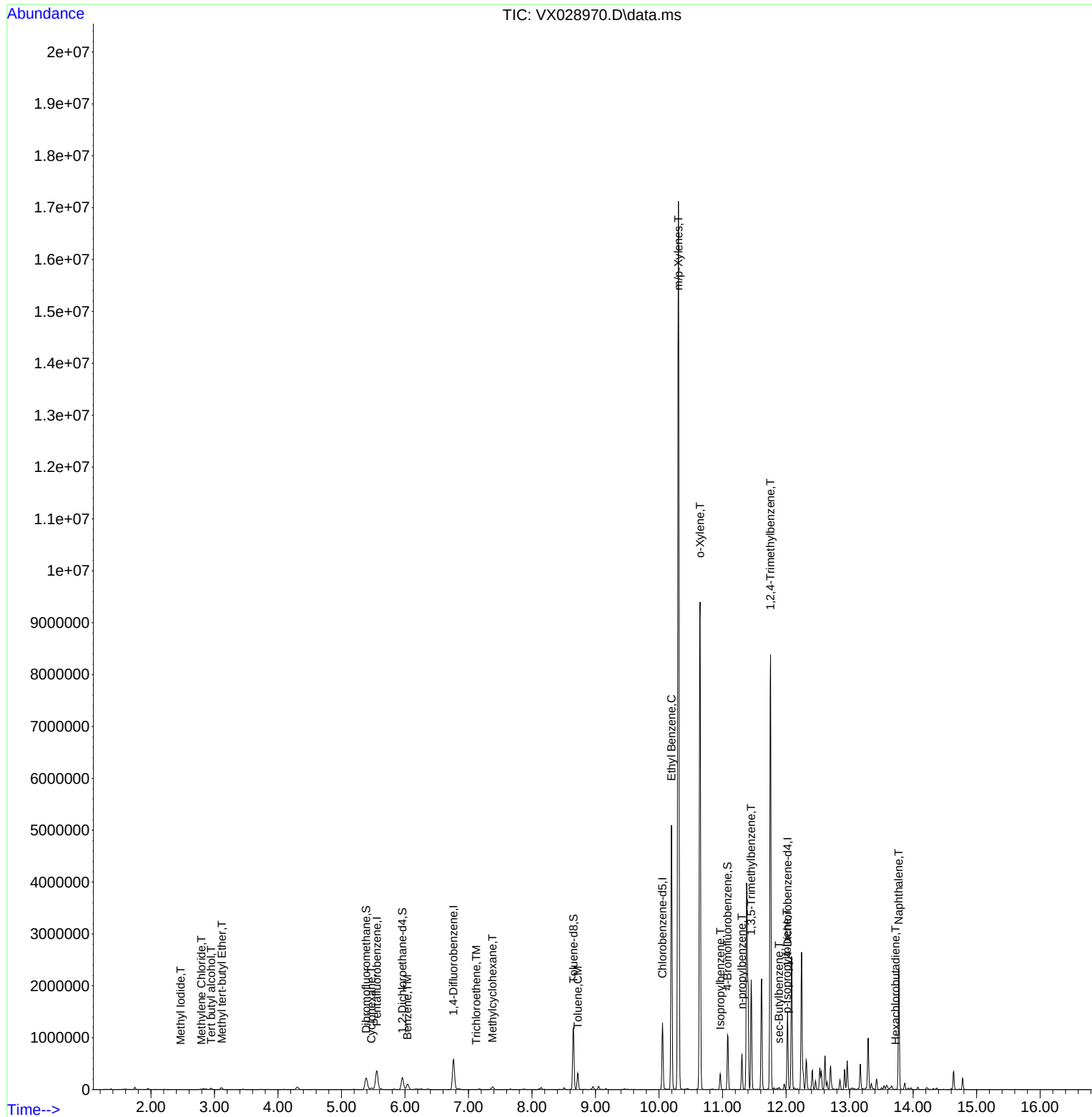
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028970.D
Acq On : 25 May 2022 23:59
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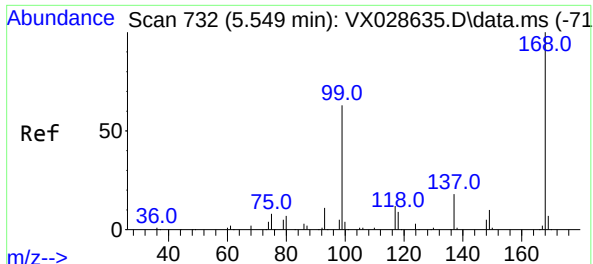
Instrument :
MSVOA_X
ClientSampleId :
MW-08

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Quant Time: May 26 05:50:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





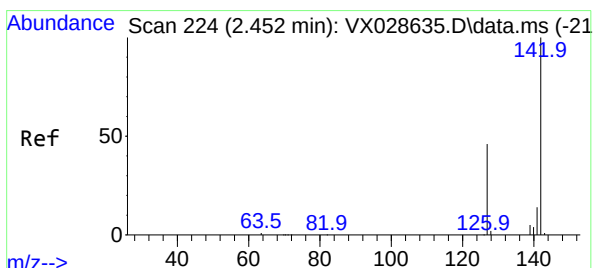
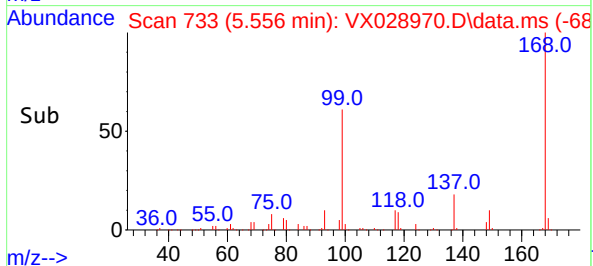
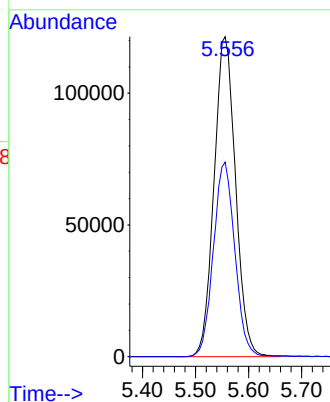
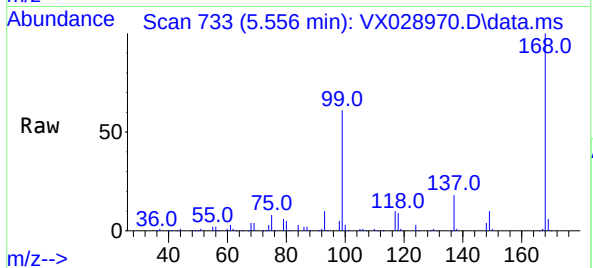
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Tgt Ion:168 Resp: 34236
Ion Ratio Lower Upper
168 100
99 60.8 41.7 62.5

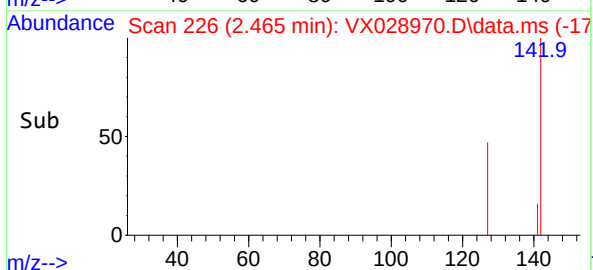
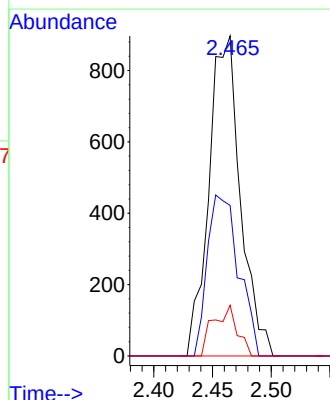
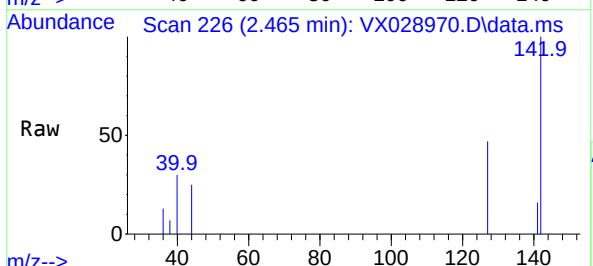
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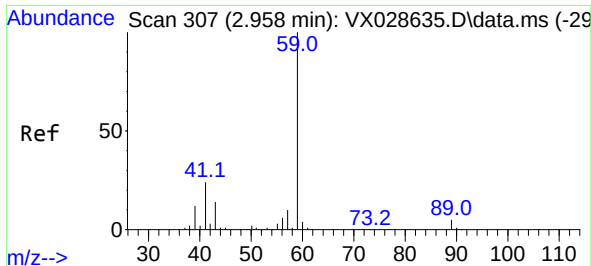
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#10
Methyl Iodide
Concen: 0.366 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

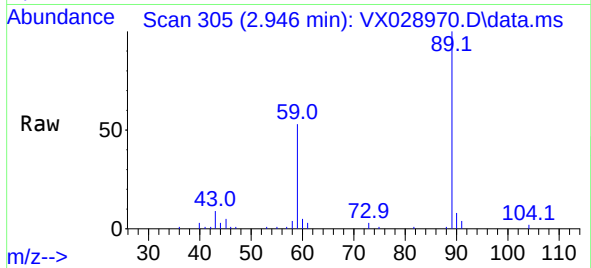
Tgt Ion:142 Resp: 1674
Ion Ratio Lower Upper
142 100
127 50.1 33.9 50.9
141 11.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 8.813 ug/l
RT: 2.946 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

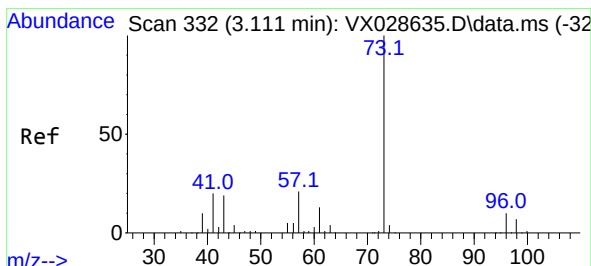
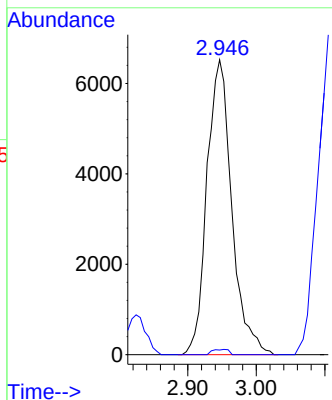
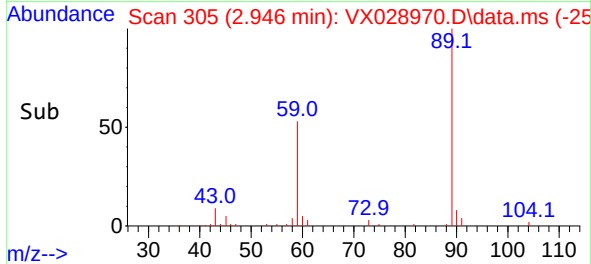
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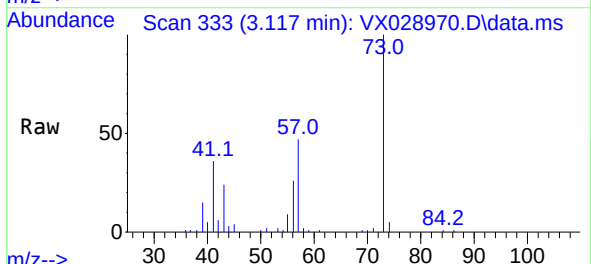
Tgt Ion: 59 Resp: 1644
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

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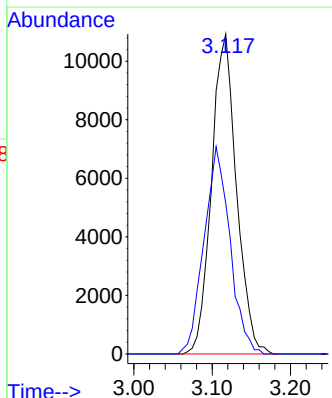
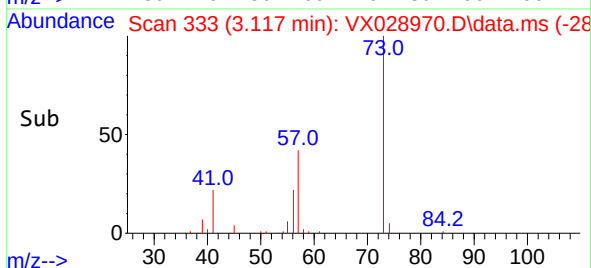
Reviewed By :John Carlone 05/26/2022
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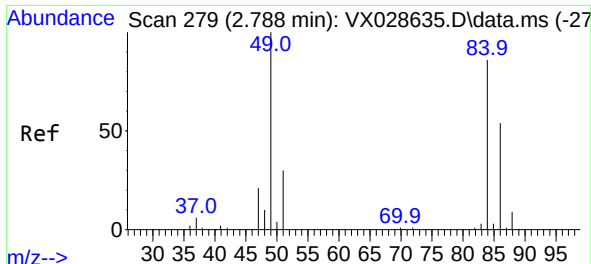


#19
Methyl tert-butyl Ether
Concen: 1.923 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



Tgt Ion: 73 Resp: 24181
Ion Ratio Lower Upper
73 100
57 47.1 16.8 25.2#





#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028970.D

Acq: 25 May 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion: 84 Resp: 147

Ion Ratio Lower Upper

84 100

49 82.2 85.5 128.3

51 25.9 26.6 39.8

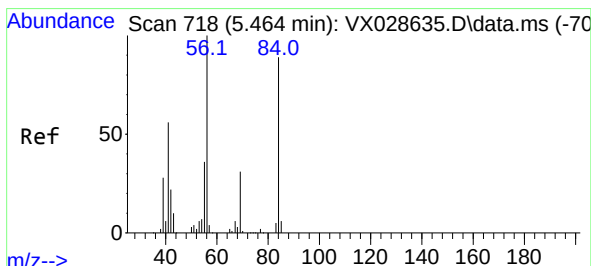
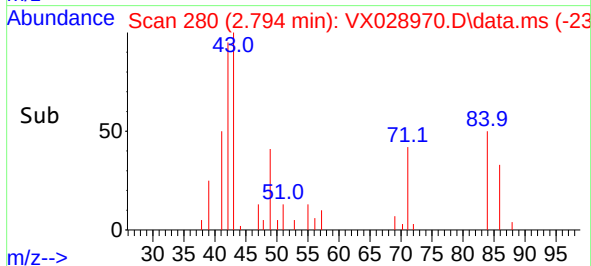
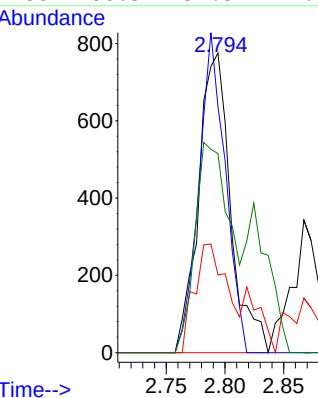
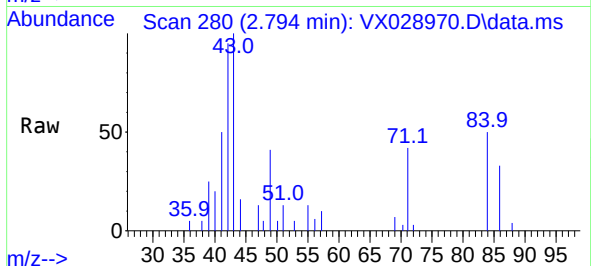
86 66.5 51.5 77.3

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#31

Cyclohexane

Concen: 2.949 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX028970.D

Acq: 25 May 2022 23:59

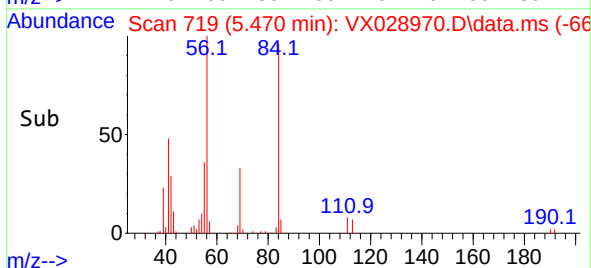
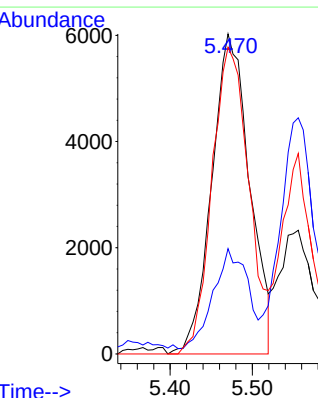
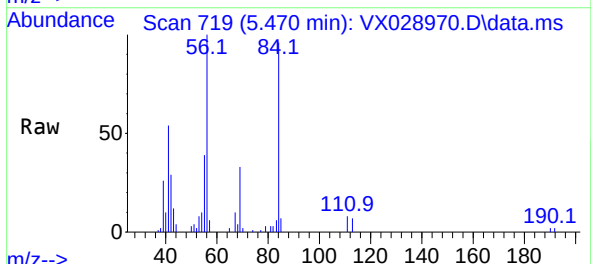
Tgt Ion: 56 Resp: 19208

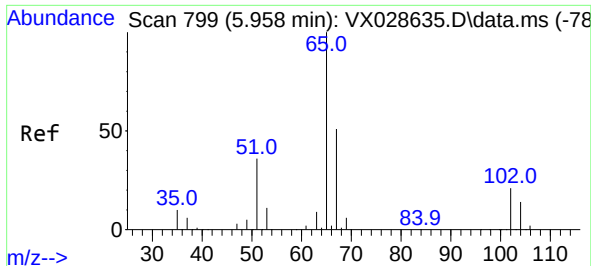
Ion Ratio Lower Upper

56 100

69 31.1 26.7 40.1

84 95.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.113 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028970.D

Acq: 25 May 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion: 65 Resp: 225790

Ion Ratio Lower Upper

65 100

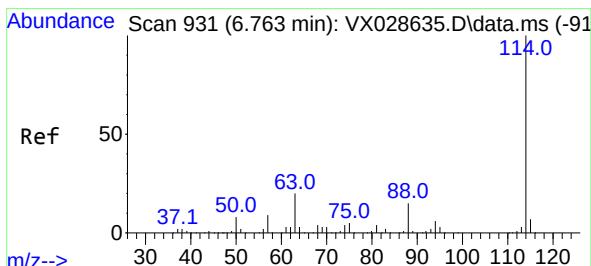
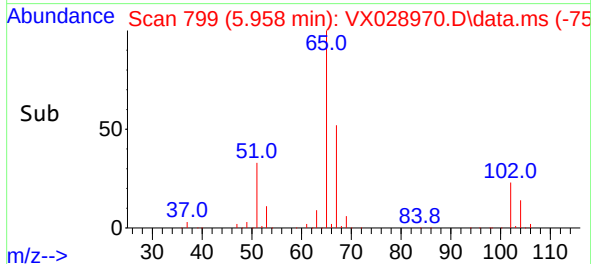
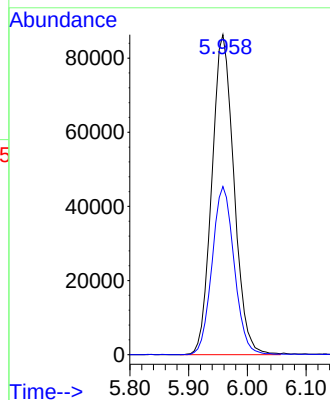
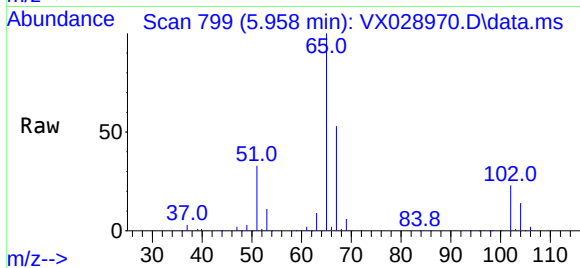
67 52.6 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028970.D

Acq: 25 May 2022 23:59

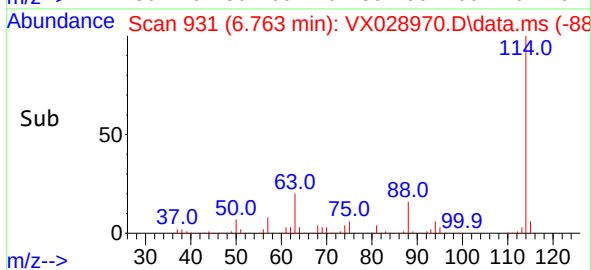
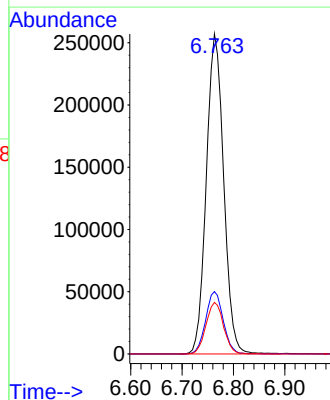
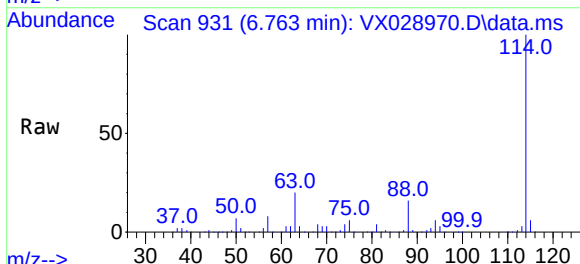
Tgt Ion:114 Resp: 603283

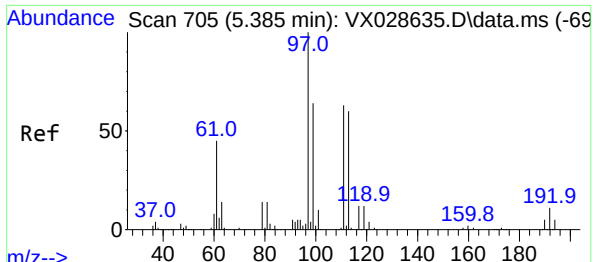
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

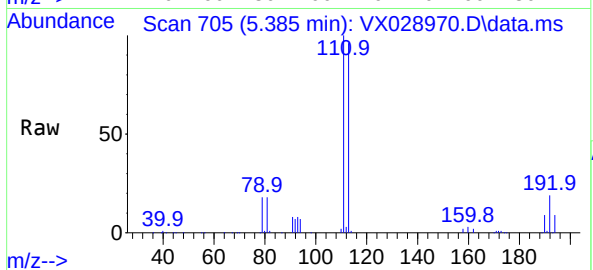
88 16.1 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.090 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

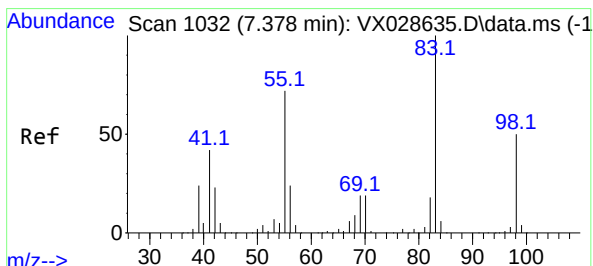
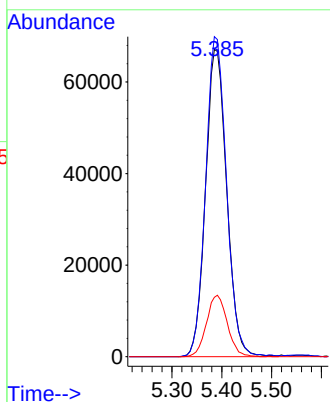
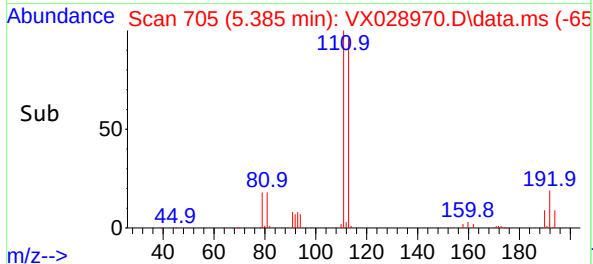
Instrument :
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ClientSampleId :
MW-08



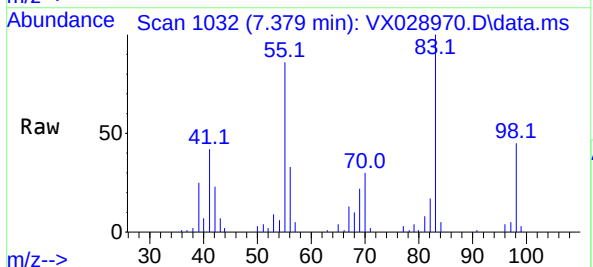
Tgt Ion:113 Resp: 197980
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.7 16.9 25.3

Manual Integrations
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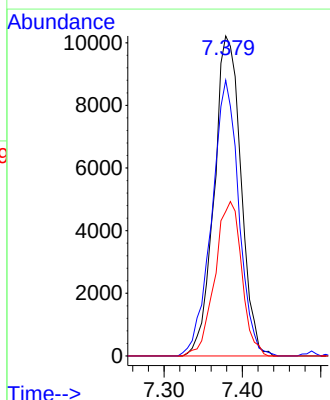
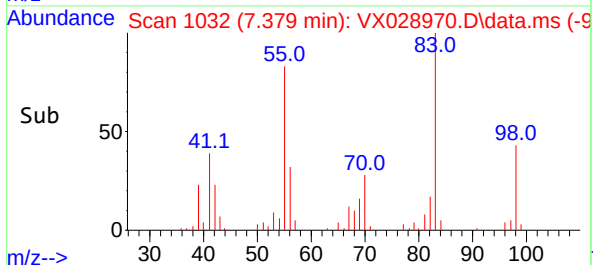
Reviewed By :John Carlone 05/26/2022
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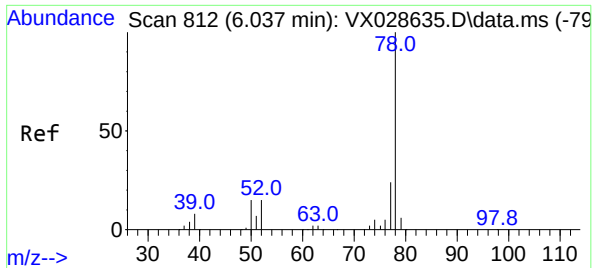


#39
Methylcyclohexane
Concen: 3.557 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



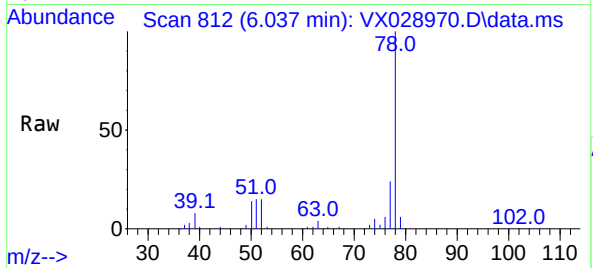
Tgt Ion: 83 Resp: 24214
Ion Ratio Lower Upper
83 100
55 86.2 54.6 81.8#
98 45.1 37.4 56.2





#40
Benzene
Concen: 7.636 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

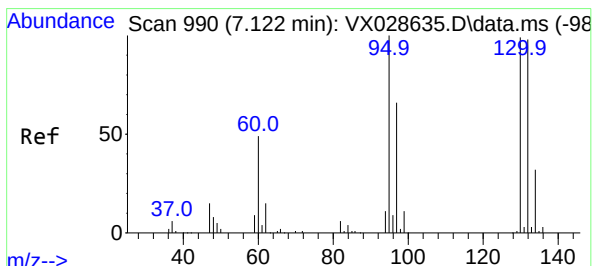
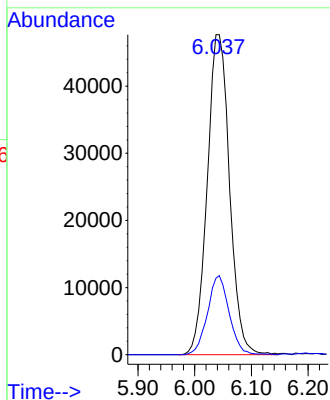
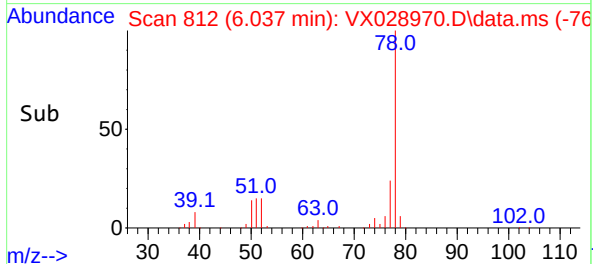
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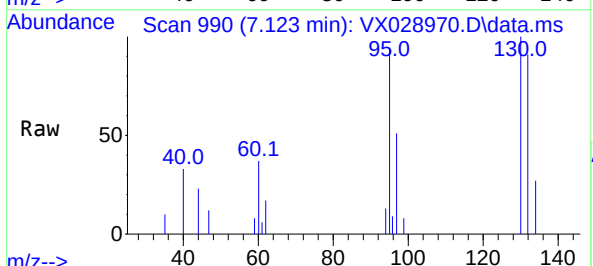
Tgt Ion: 78 Resp: 13029
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

Manual Integrations
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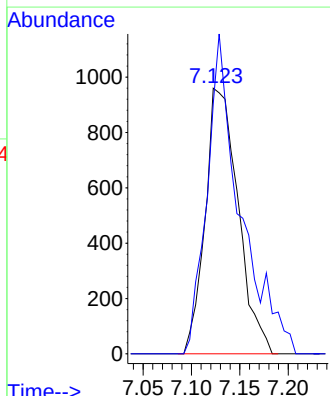
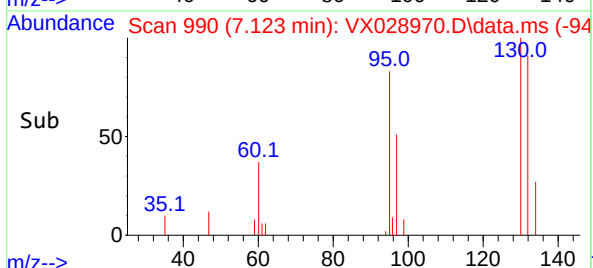
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

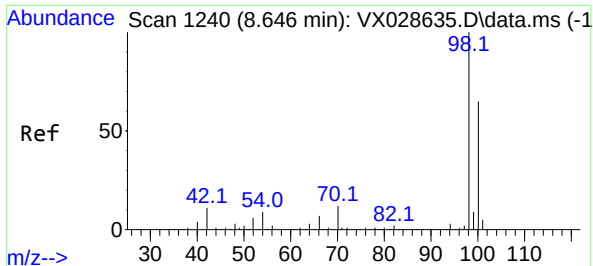


#44
Trichloroethene
Concen: 0.491 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



Tgt Ion:130 Resp: 2274
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.8





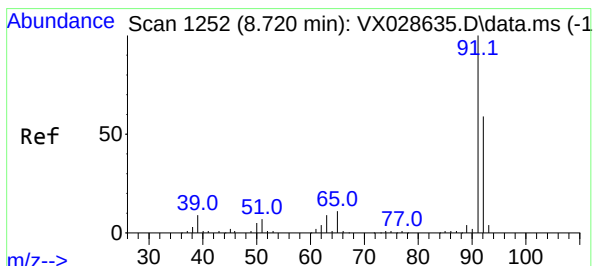
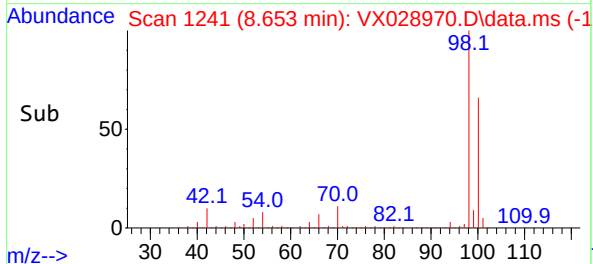
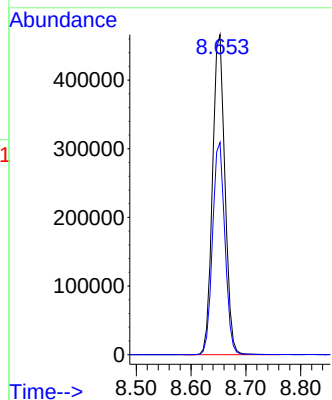
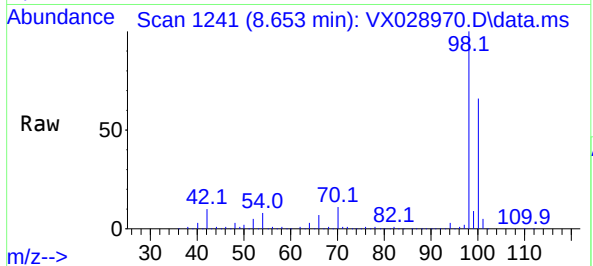
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Toluene-d8
Concen: 48.954 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 72952
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

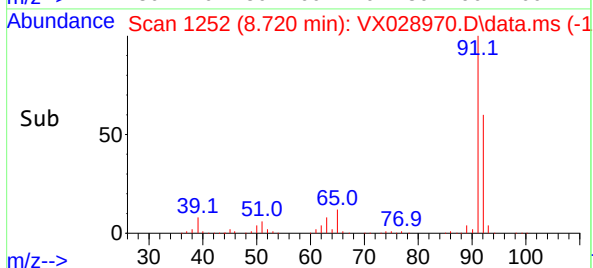
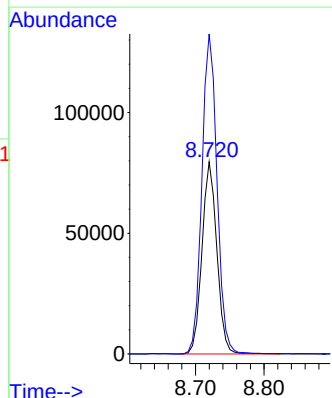
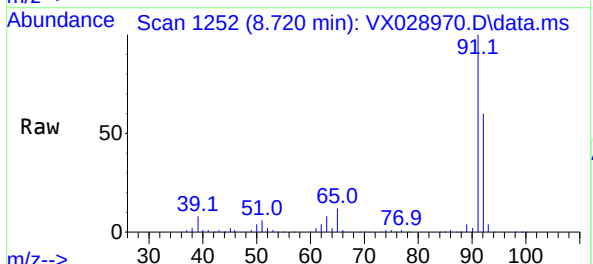
Manual Integrations
APPROVED

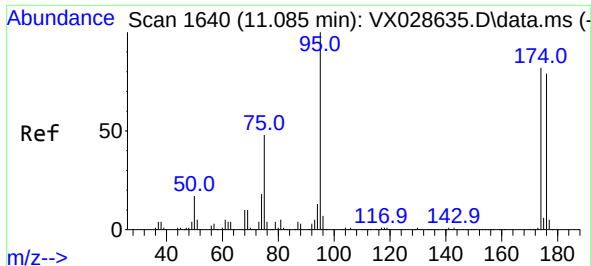
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#52
Toluene
Concen: 10.951 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

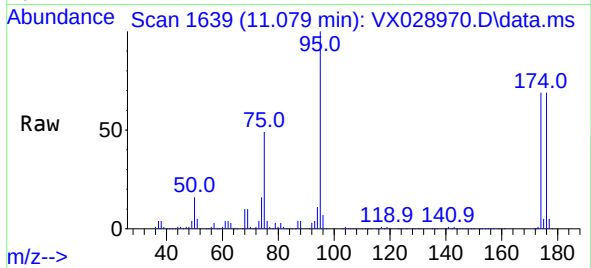
Tgt Ion: 92 Resp: 120194
Ion Ratio Lower Upper
92 100
91 169.6 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 53.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

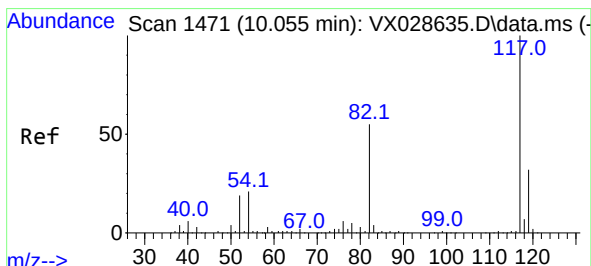
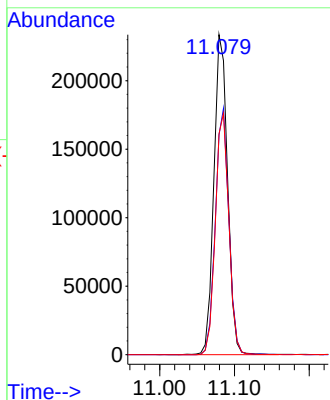
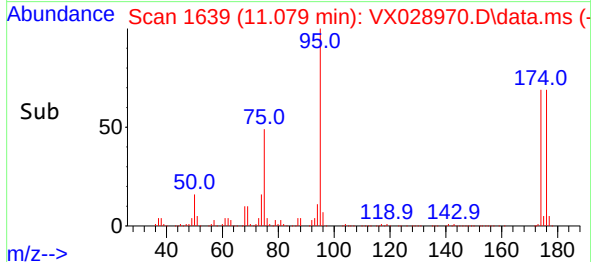
Instrument :
MSVOA_X
ClientSampleId :
MW-08



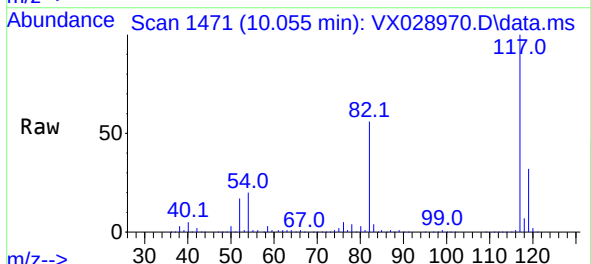
Tgt Ion: 95 Resp: 29721
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 74.5 0.0 155.0

Manual Integrations
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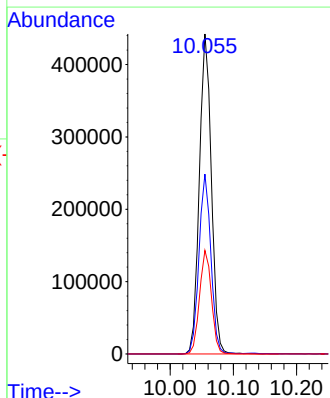
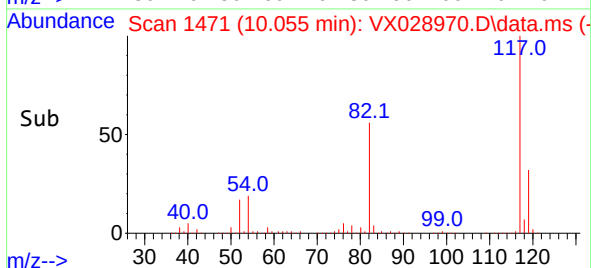
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

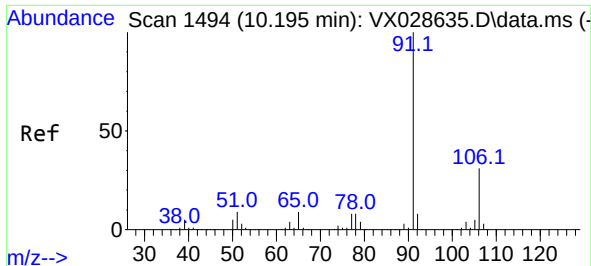


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



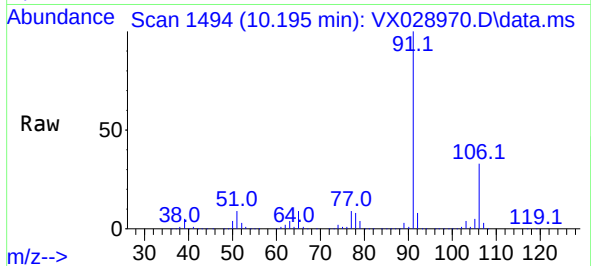
Tgt Ion:117 Resp: 584910
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.4 24.8 37.2





#67
Ethyl Benzene
Concen: 130.874 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

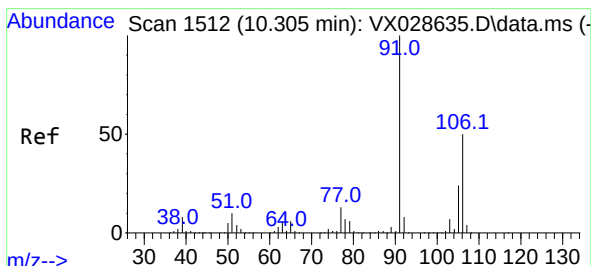
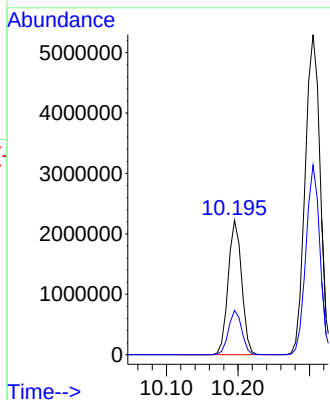
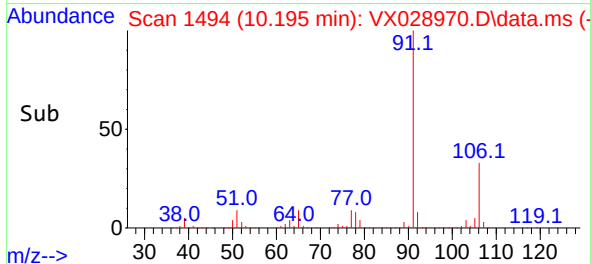
Instrument :
MSVOA_X
ClientSampleId :
MW-08



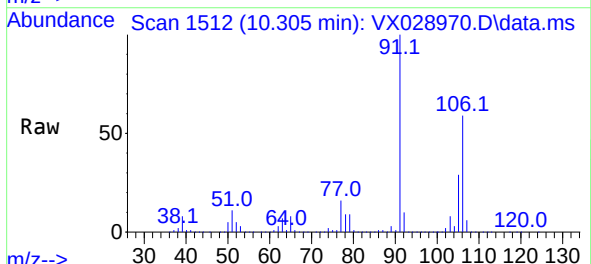
Tgt Ion: 91 Resp: 2910770
Ion Ratio Lower Upper
91 100
106 33.0 24.6 36.8

Manual Integrations
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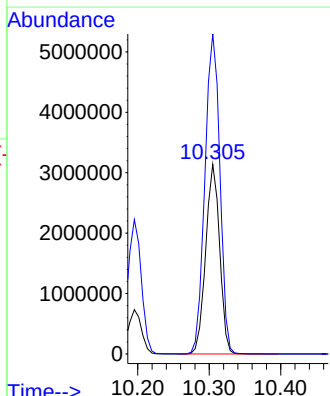
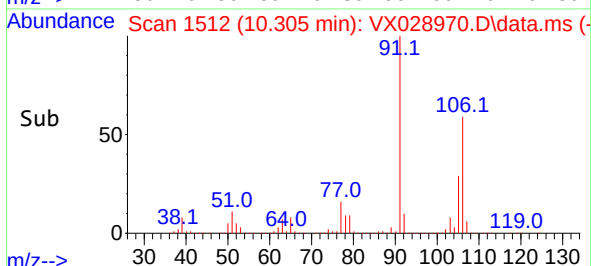
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

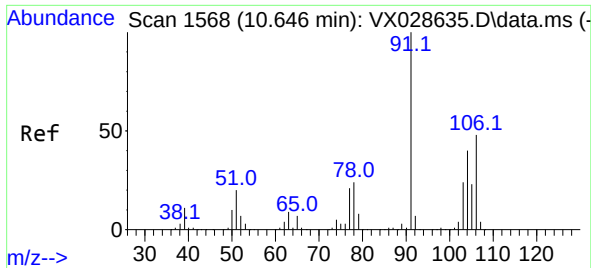


#68
m/p-Xylenes
Concen: 490.748 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



Tgt Ion:106 Resp: 4249388
Ion Ratio Lower Upper
106 100
91 180.9 160.4 240.6





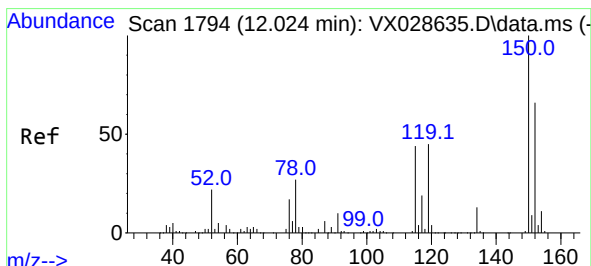
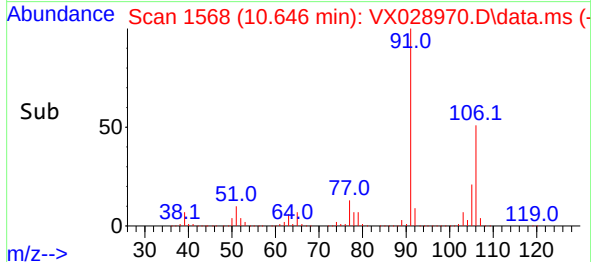
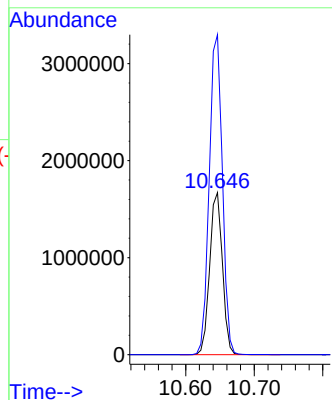
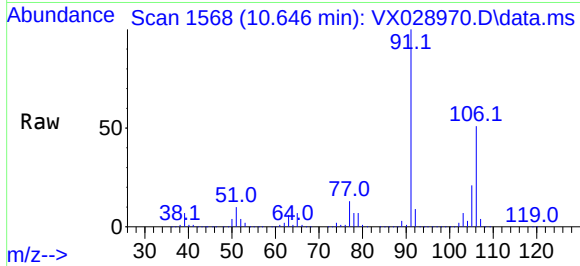
#69
o-Xylene
Concen: 253.136 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Tgt Ion:106 Resp: 215805
Ion Ratio Lower Upper
106 100
91 203.5 106.1 318.1

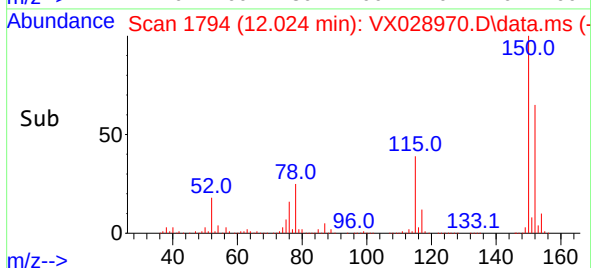
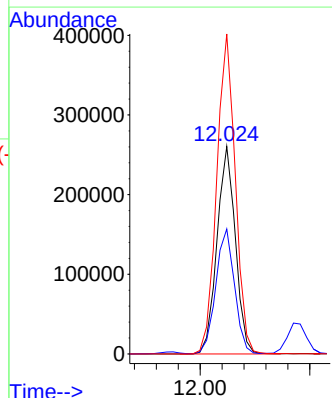
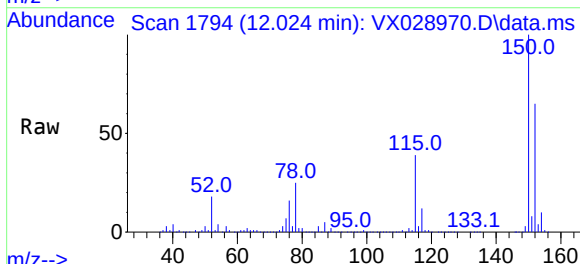
Manual Integrations
APPROVED

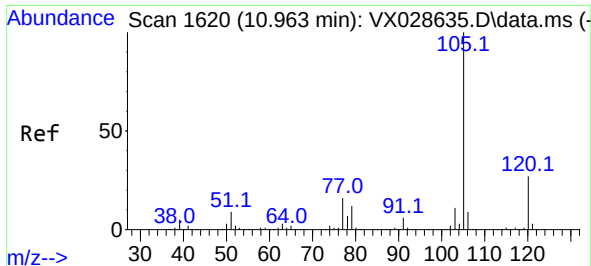
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

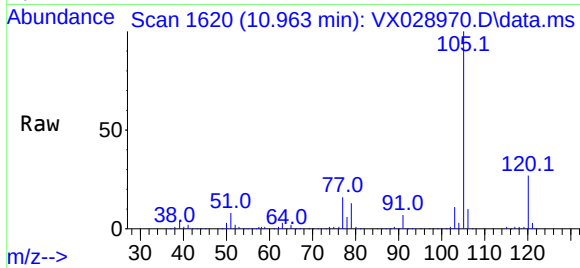
Tgt Ion:152 Resp: 303594
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 155.8 0.0 338.2





#73
Isopropylbenzene
Concen: 6.650 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

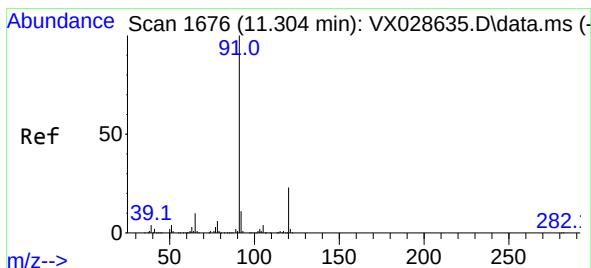
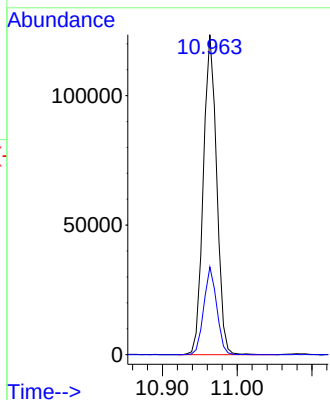
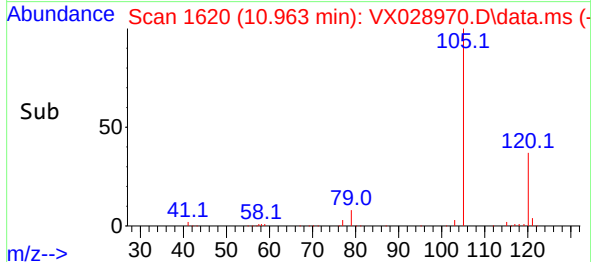
Instrument :
MSVOA_X
ClientSampleId :
MW-08



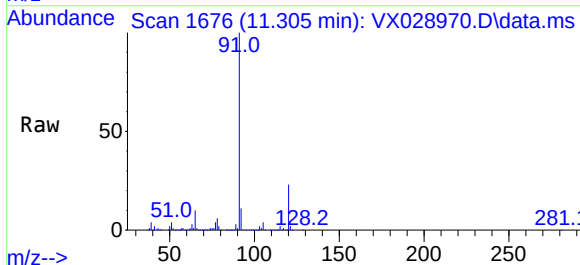
Tgt Ion:105 Resp: 153093
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

Manual Integrations
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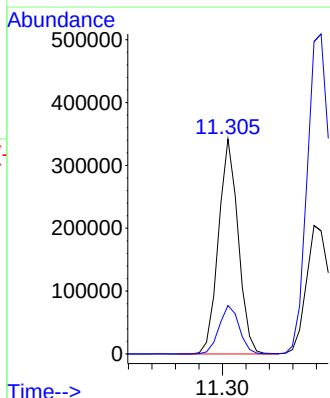
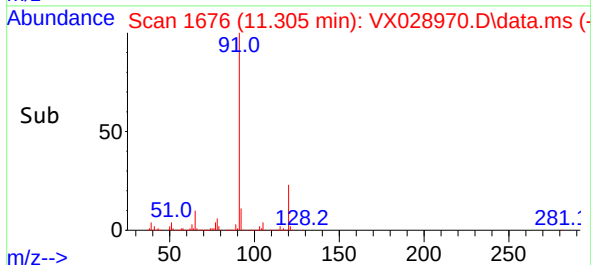
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

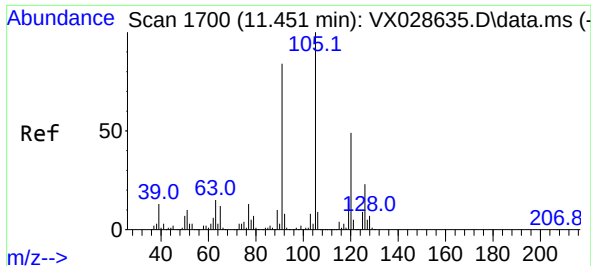


#78
n-propylbenzene
Concen: 14.943 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



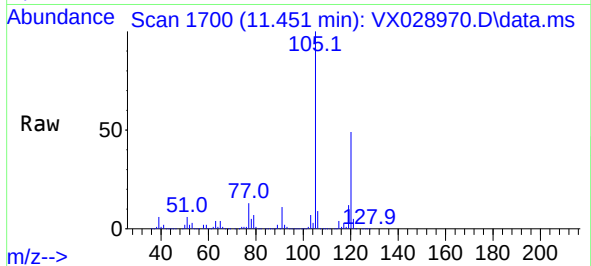
Tgt Ion: 91 Resp: 397943
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 47.127 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

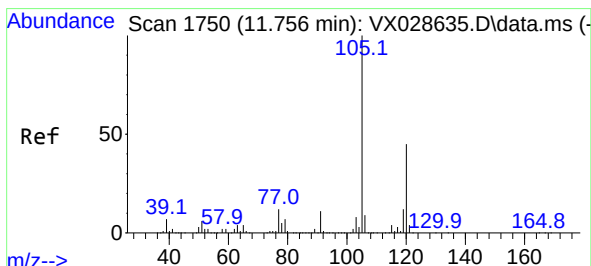
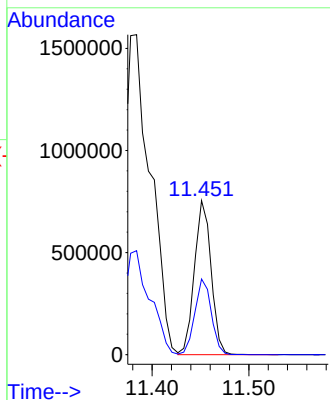
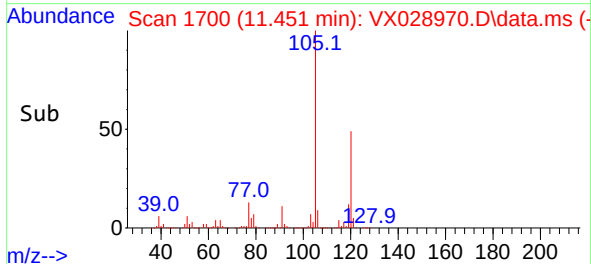
Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:105 Resp: 904075
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9

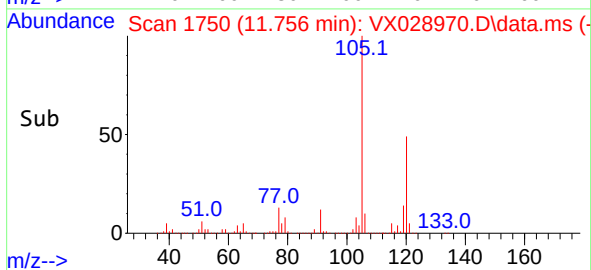
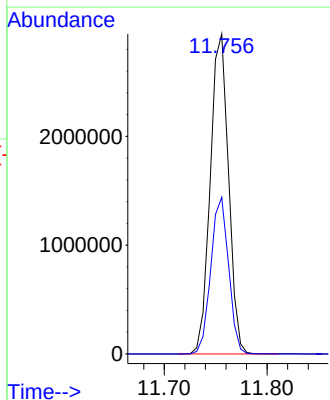
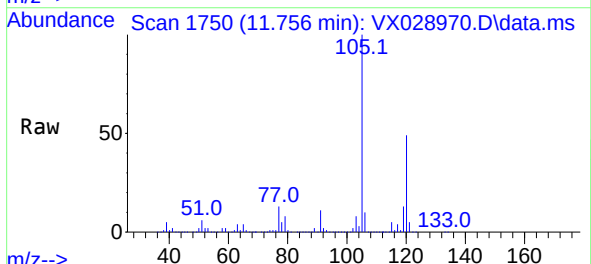
Manual Integrations
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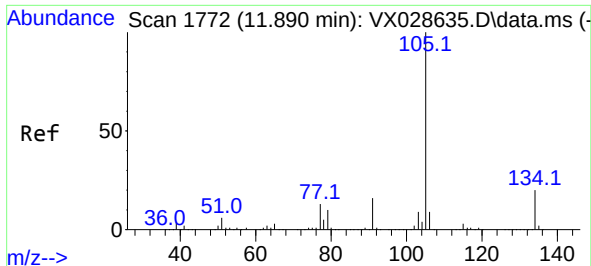
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#84
1,2,4-Trimethylbenzene
Concen: 188.667 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

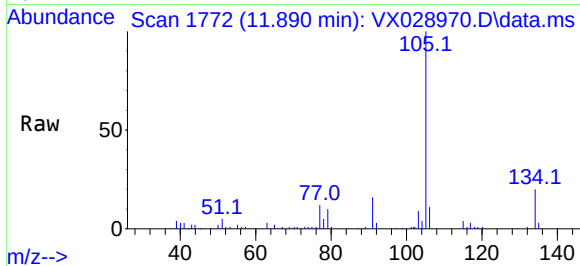
Tgt Ion:105 Resp: 3629469
Ion Ratio Lower Upper
105 100
120 47.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.914 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028970.D
 Acq: 25 May 2022 23:59

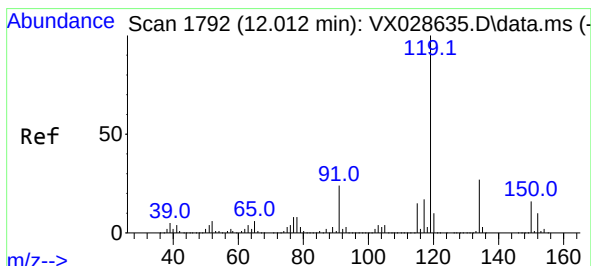
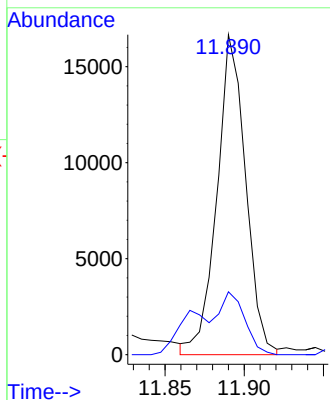
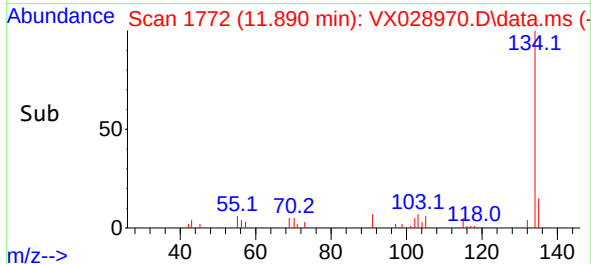
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08



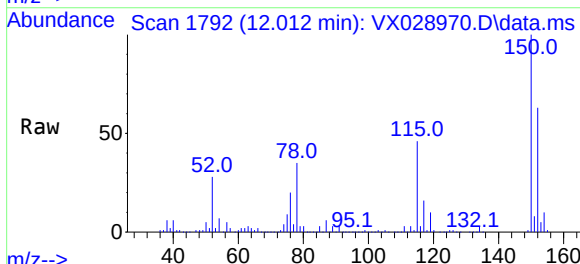
Tgt Ion:105 Resp: 2094
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
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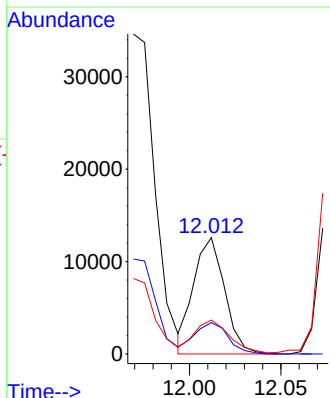
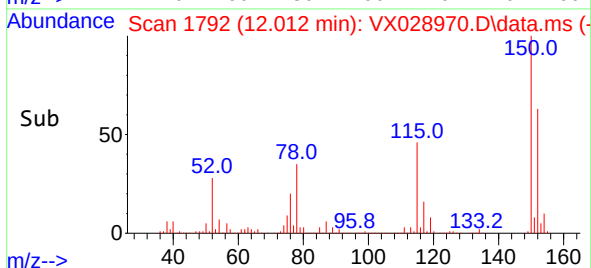
Reviewed By :John Carlone 05/26/2022
 Supervised By :Mahesh Dadoda 05/26/2022

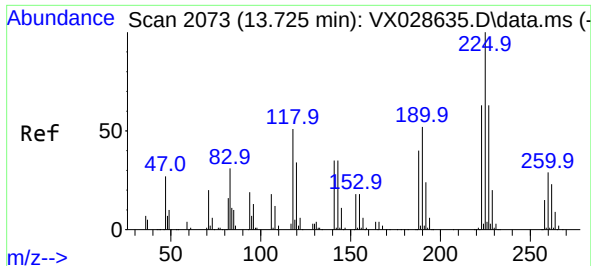


#86
 p-Isopropyltoluene
 Concen: 0.776 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028970.D
 Acq: 25 May 2022 23:59



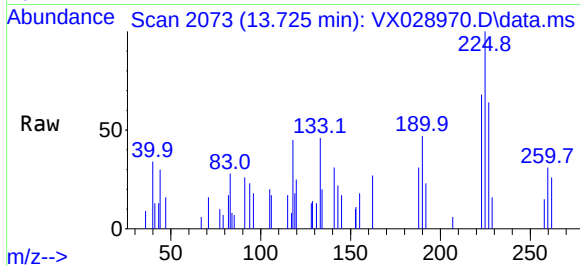
Tgt Ion:119 Resp: 14911
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.0 39.0
 91 0.0 11.3 33.9





#94
Hexachlorobutadiene
Concen: 0.403 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59

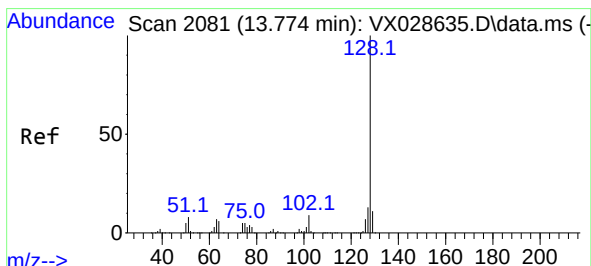
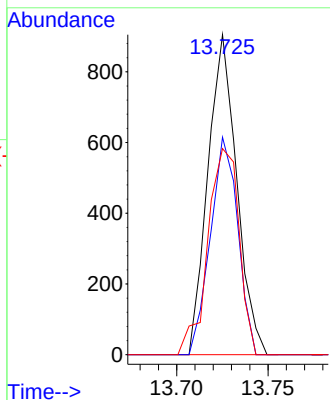
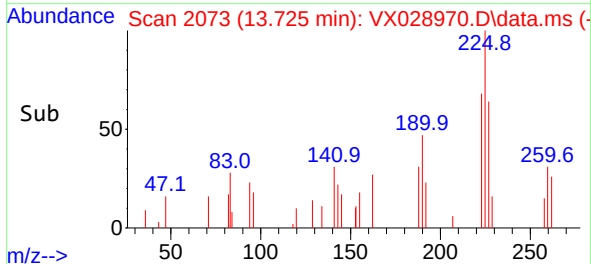
Instrument :
MSVOA_X
ClientSampleId :
MW-08



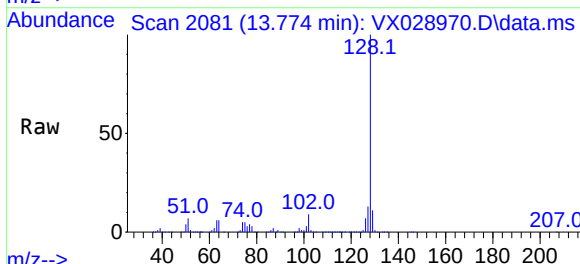
Tgt Ion:225 Resp: 99
Ion Ratio Lower Upper
225 100
223 64.5 34.2 102.5
227 69.8 33.9 101.7

Manual Integrations
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Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#95
Naphthalene
Concen: 66.235 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028970.D
Acq: 25 May 2022 23:59



Tgt Ion:128 Resp: 1428921
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1

