

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024603.D
 Acq On : 06 Oct 2021 04:56
 Operator : JC/MD
 Sample : M3960-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAMB-MW08-GW

Manual Integrations
 APPROVED

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 10/6/2021 7:03:59 PM

Quant Time: Oct 06 06:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	224448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105286	48.82	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.64%		
35) Dibromofluoromethane	5.398	113	86700	49.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.78%		
50) Toluene-d8	8.653	98	279907	43.32	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.64%#		
62) 4-Bromofluorobenzene	11.086	95	131806	51.88	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.76%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	18131	25.02	ug/l #	73
16) Acetone	2.386	43	11110	2.16	ug/l	90
19) Methyl tert-butyl Ether	3.124	73	165142	31.24	ug/l #	61
25) 2-Butanone	4.574	43	8572	5.77	ug/l #	86
31) Cyclohexane	5.477	56	118799	46.00	ug/l	97
39) Methylcyclohexane	7.385	83	113339	38.21	ug/l	93
40) Benzene	6.044	78	711497	98.22	ug/l	98
52) Toluene	8.726	92	643151	137.44	ug/l	98
67) Ethyl Benzene	10.208	91	13669165	1651.48	ug/l #	65
68) m/p-Xylenes	10.330	106	16933857	5335.30	ug/l #	1
69) o-Xylene	10.665	106	11364622	3620.96	ug/l	62
73) Isopropylbenzene	10.970	105	1093680	114.64	ug/l	99
78) n-propylbenzene	11.311	91	2586233	231.90	ug/l	98
80) 1,3,5-Trimethylbenzene	11.463	105	5564769	682.81	ug/l	95
84) 1,2,4-Trimethylbenzene	11.768	105	15742264	1942.68	ug/l	73
85) sec-Butylbenzene	11.896	105	136109m	13.54	ug/l	
86) p-Isopropyltoluene	12.018	119	87821m	10.25	ug/l	
95) Naphthalene	13.786	128	9952049	1056.65	ug/l #	92

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

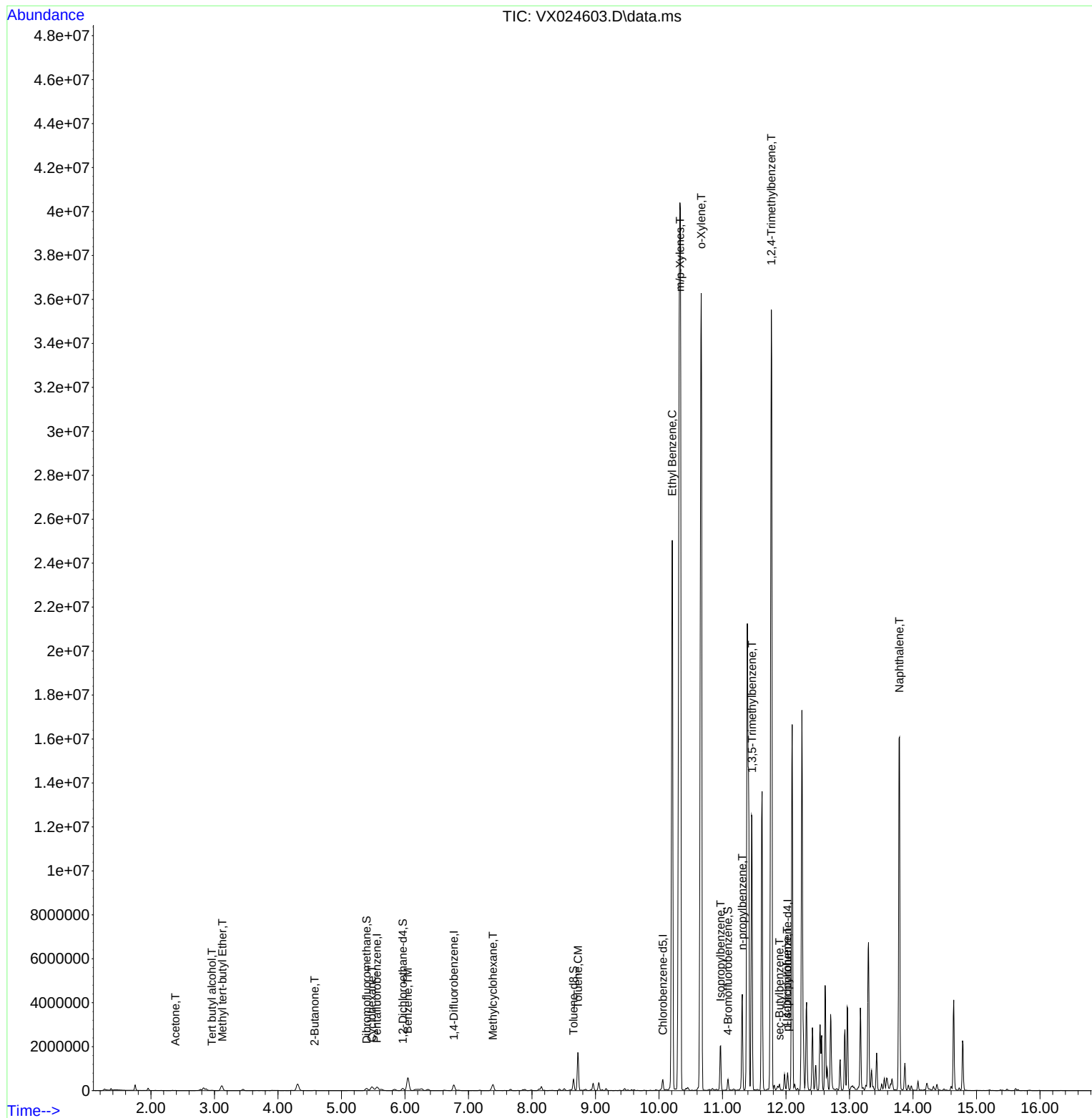
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
Data File : VX024603.D
Acq On : 06 Oct 2021 04:56
Operator : JC/MD
Sample : M3960-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

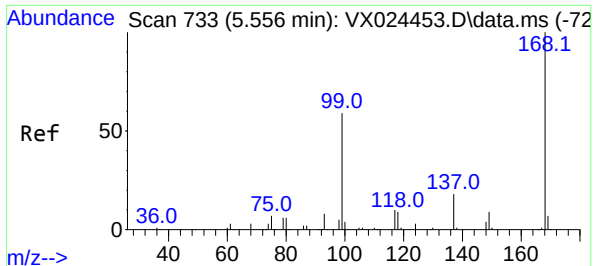
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW

Manual Integrations
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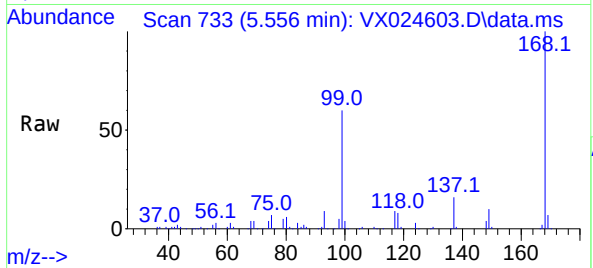
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Quant Time: Oct 06 06:54:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

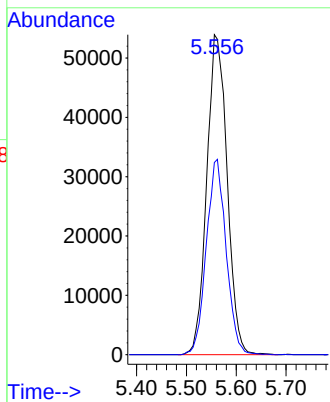
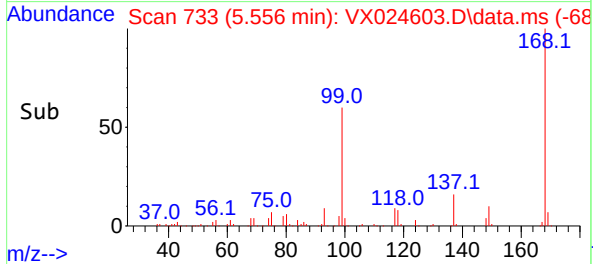




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



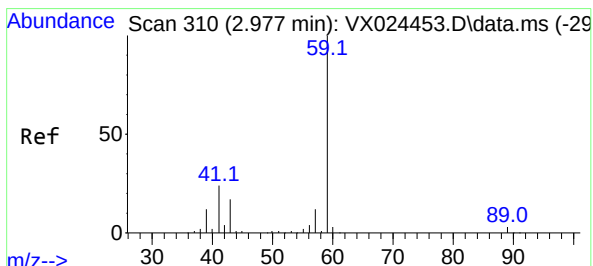
Tgt Ion:168 Resp: 153025
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



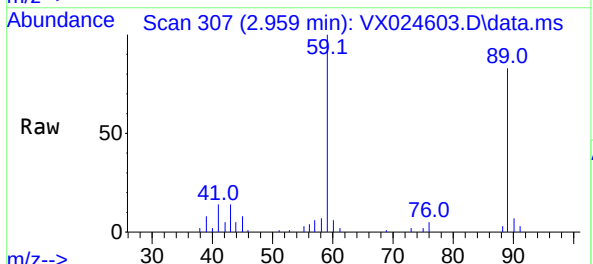
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MSVOA_X
ClientSampleId :
RAMB-MW08-GW

Manual Integrations
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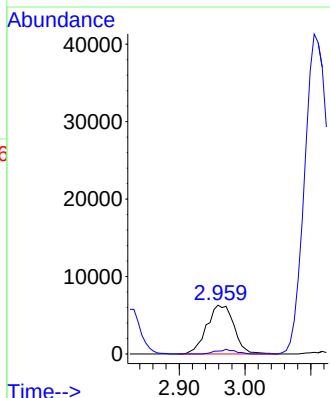
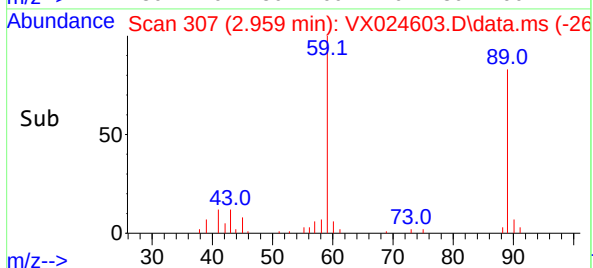
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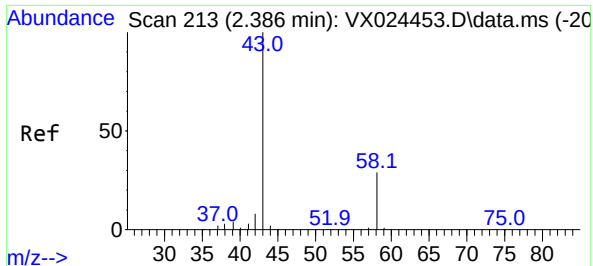


#11
Tert butyl alcohol
Concen: 25.02 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



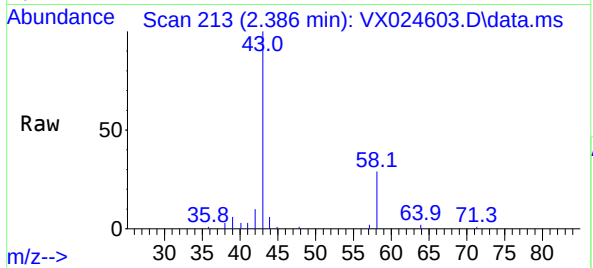
Tgt Ion: 59 Resp: 18131
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16
Acetone
Concen: 2.16 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

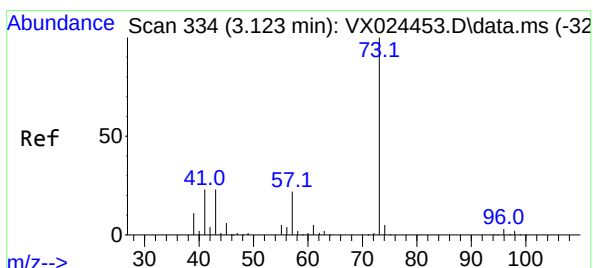
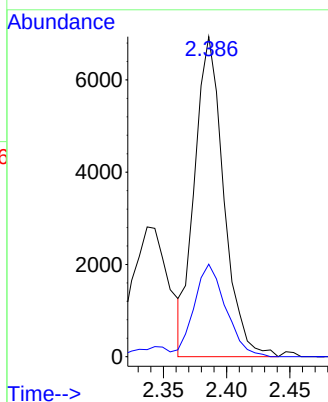
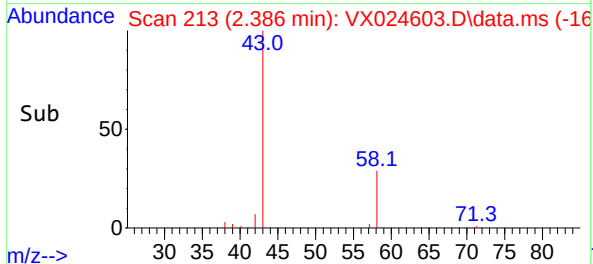
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ClientSampleId :
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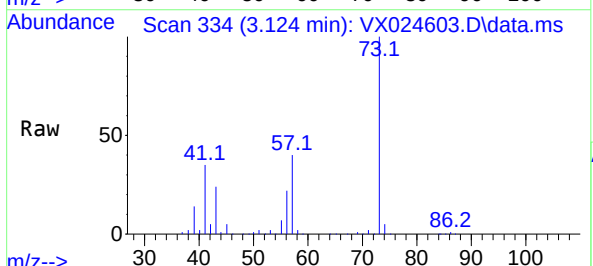
Tgt Ion: 43 Resp: 11110
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

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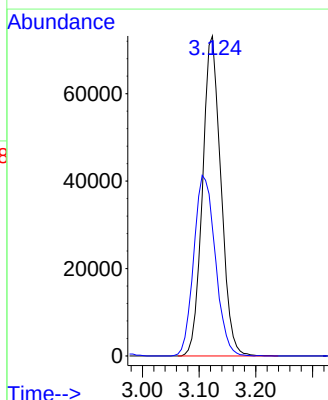
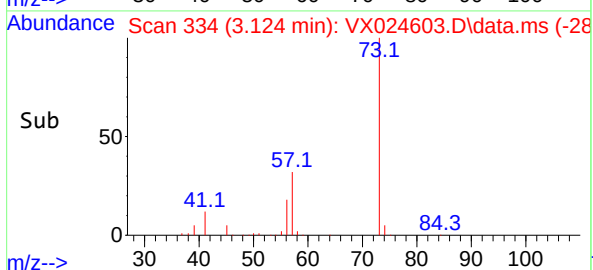
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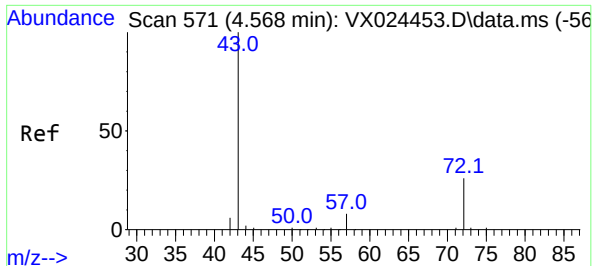


#19
Methyl tert-butyl Ether
Concen: 31.24 ug/l
RT: 3.124 min Scan# 334
Delta R.T. 0.001 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



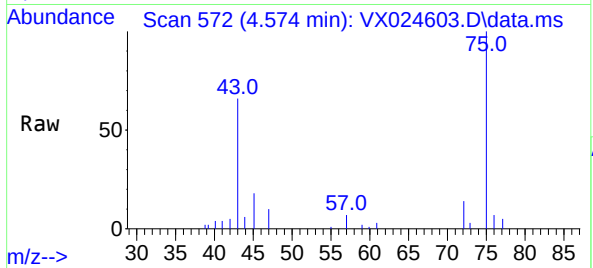
Tgt Ion: 73 Resp: 165142
Ion Ratio Lower Upper
73 100
57 40.0 17.1 25.7#





#25
2-Butanone
Concen: 5.77 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

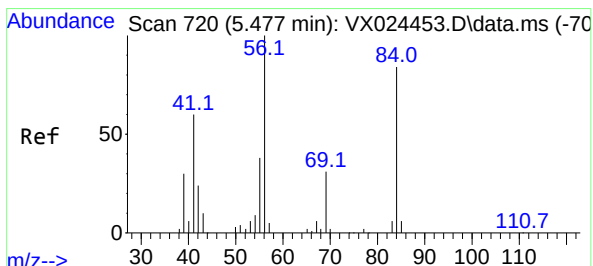
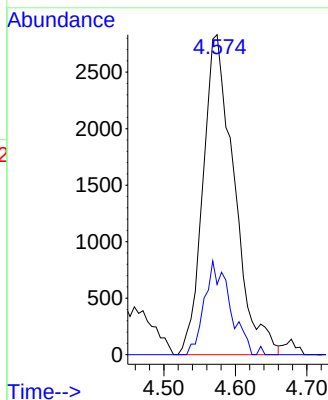
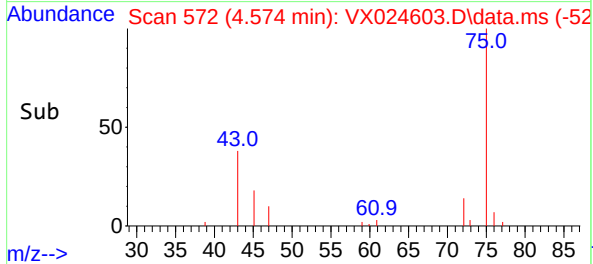
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW



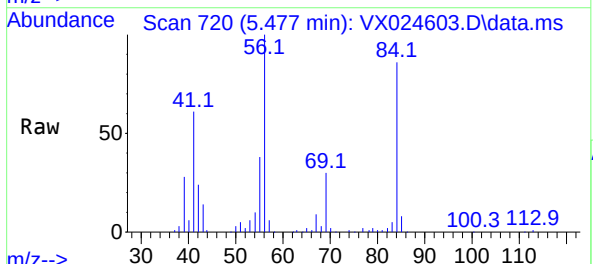
Tgt Ion: 43 Resp: 8572
Ion Ratio Lower Upper
43 100
72 22.0 23.7 35.5#

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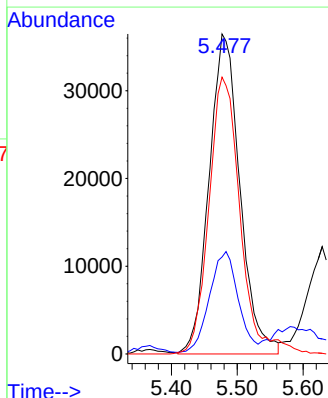
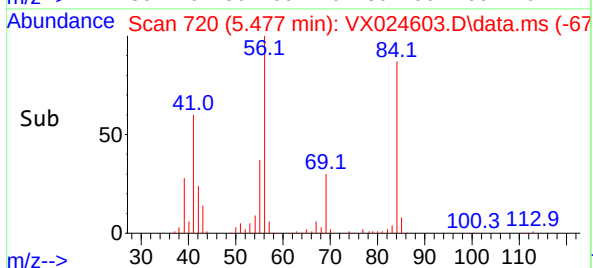
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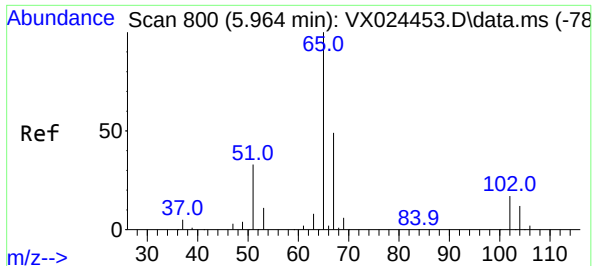


#31
Cyclohexane
Concen: 46.00 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



Tgt Ion: 56 Resp: 118799
Ion Ratio Lower Upper
56 100
69 29.9 25.3 37.9
84 86.2 71.4 107.0





#33

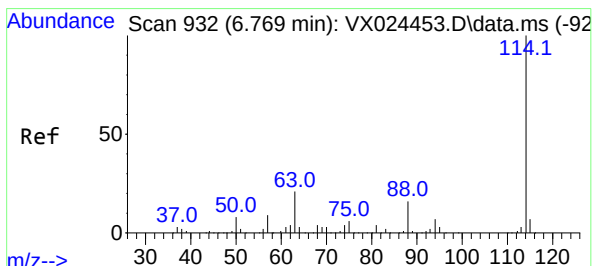
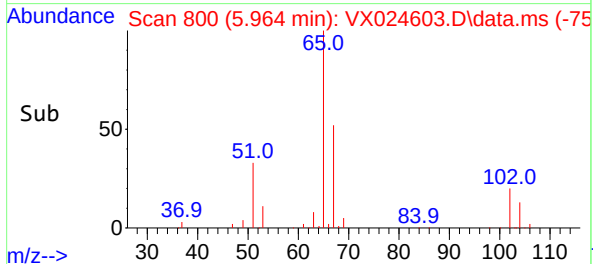
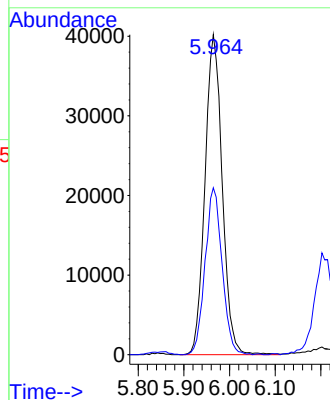
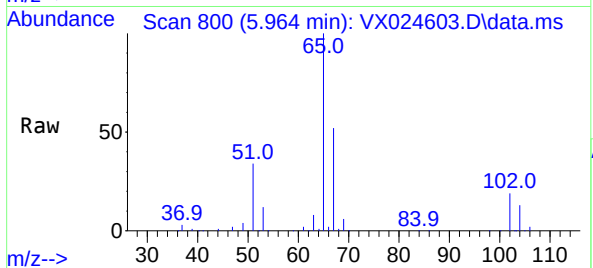
1,2-Dichloroethane-d4
Concen: 48.82 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

Tgt Ion: 65 Resp: 105286
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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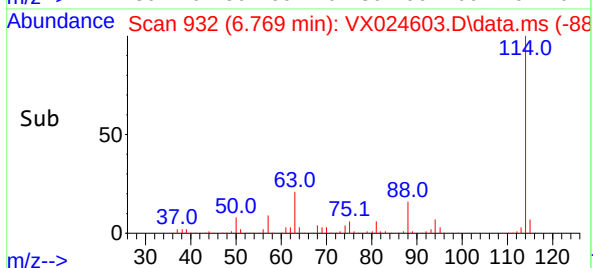
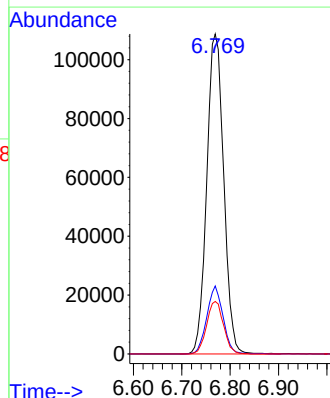
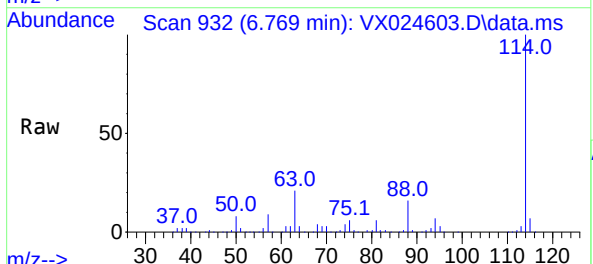
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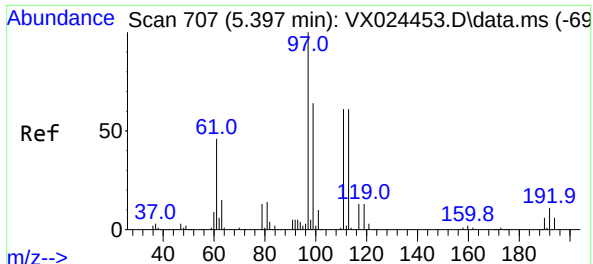


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

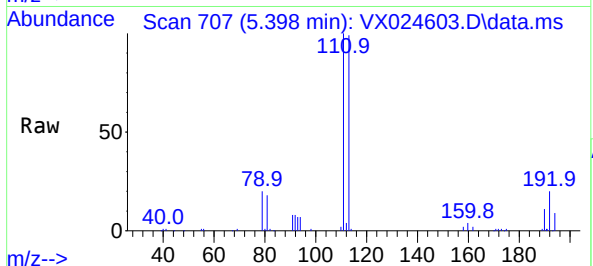
Tgt Ion: 114 Resp: 264256
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.39 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

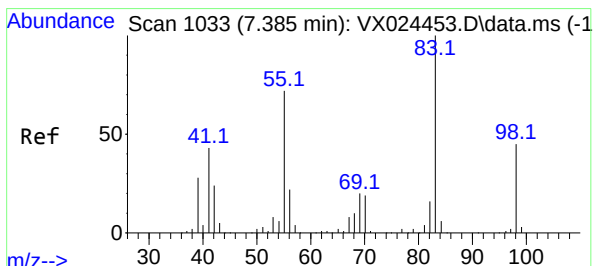
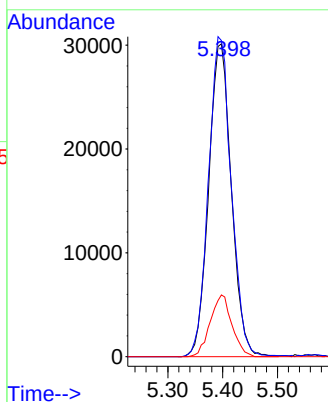
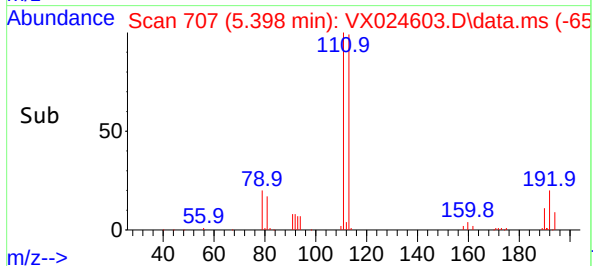
Instrument :
MSVOA_X
ClientSampleId :
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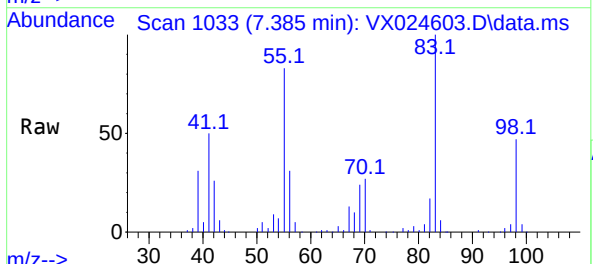
Tgt Ion:113 Resp: 86700
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.8 16.7 25.1

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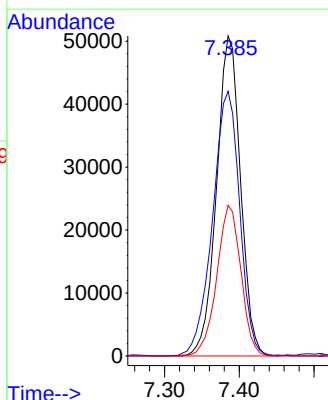
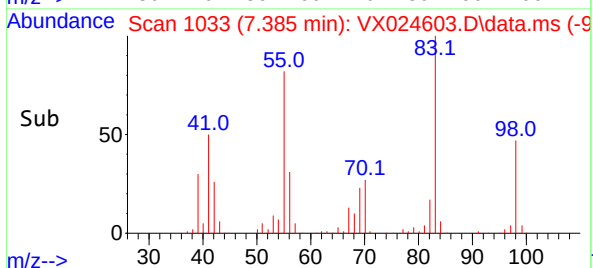
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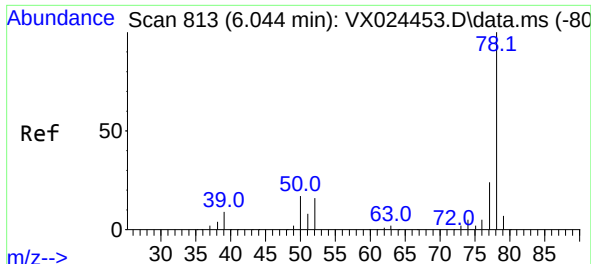


#39
Methylcyclohexane
Concen: 38.21 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



Tgt Ion: 83 Resp: 113339
Ion Ratio Lower Upper
83 100
55 82.5 58.9 88.3
98 47.1 38.1 57.1





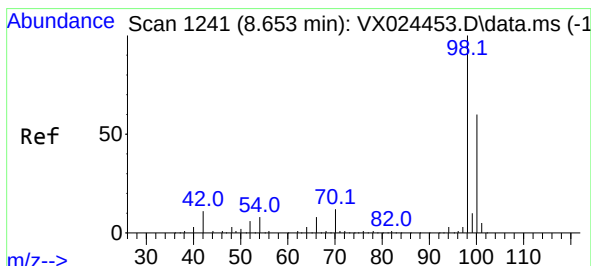
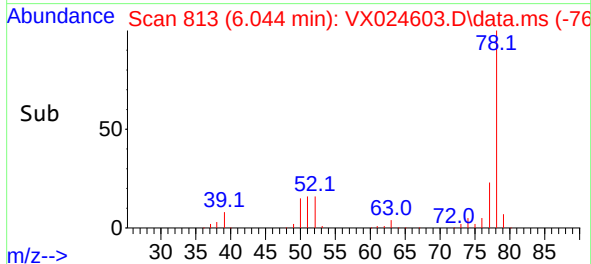
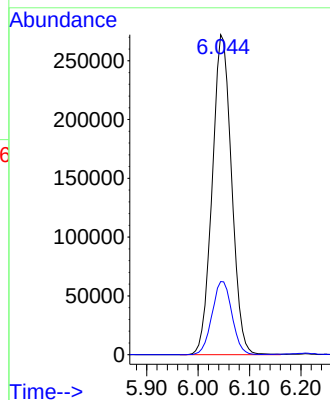
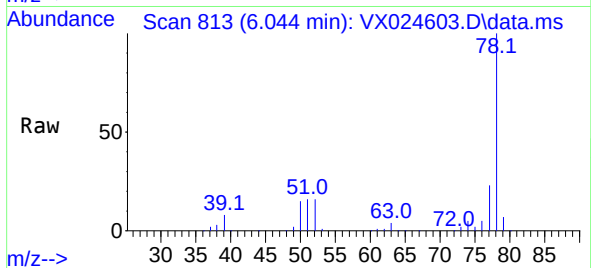
#40
Benzene
Concen: 98.22 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW

Tgt Ion: 78 Resp: 711497
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3

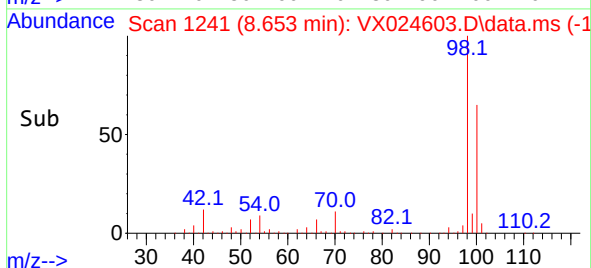
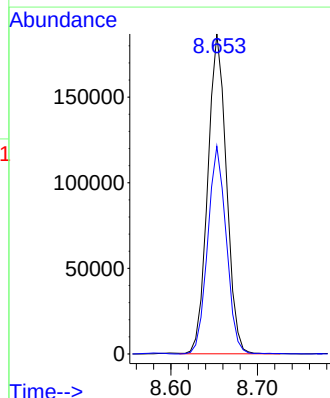
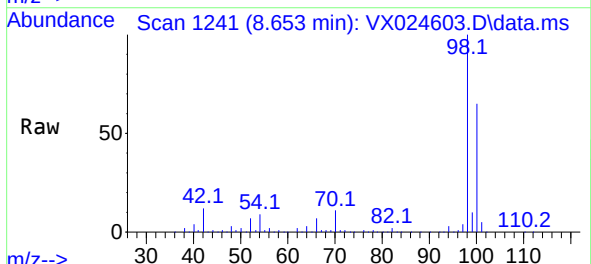
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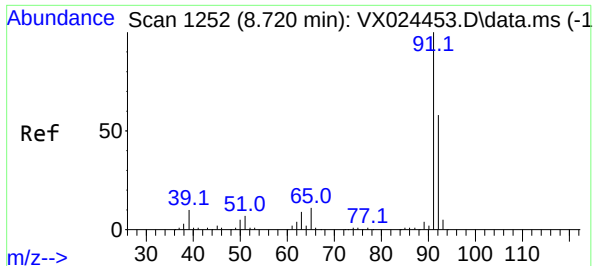
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#50
Toluene-d8
Concen: 43.32 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

Tgt Ion: 98 Resp: 279907
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9





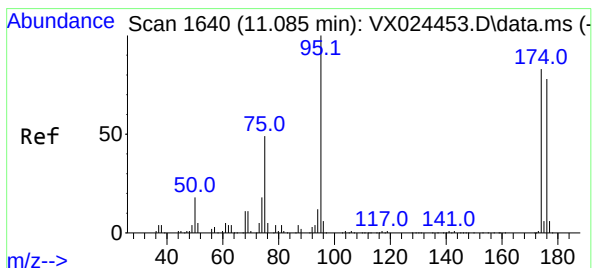
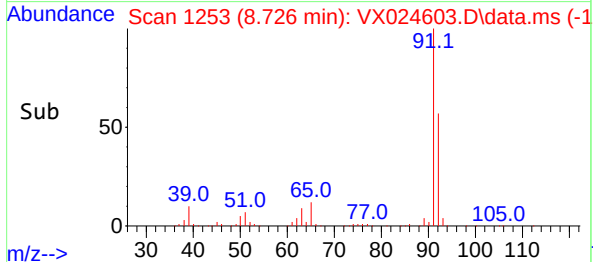
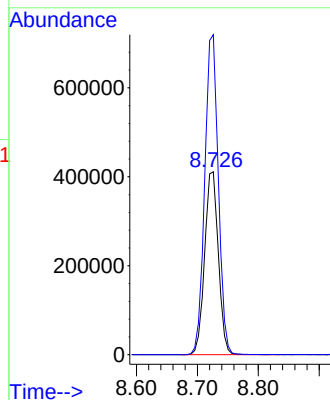
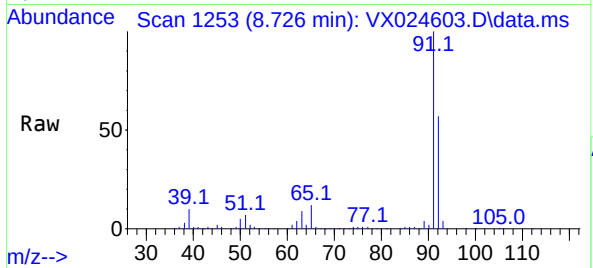
#52
Toluene
Concen: 137.44 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

Tgt Ion: 92 Resp: 643151
Ion Ratio Lower Upper
92 100
91 173.6 137.1 205.7

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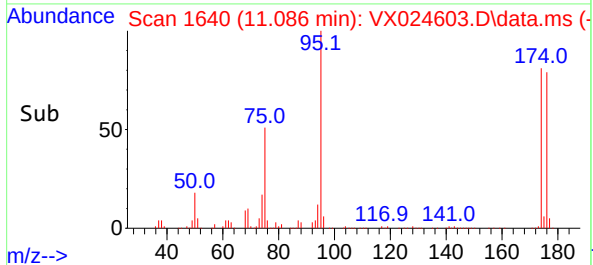
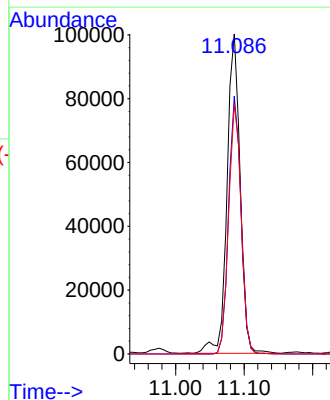
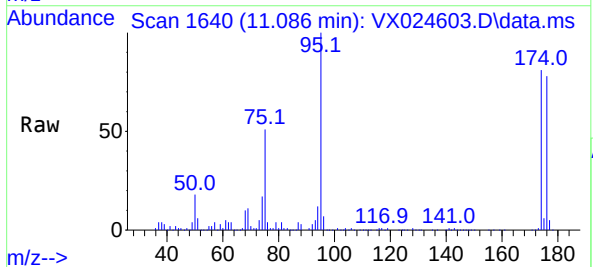
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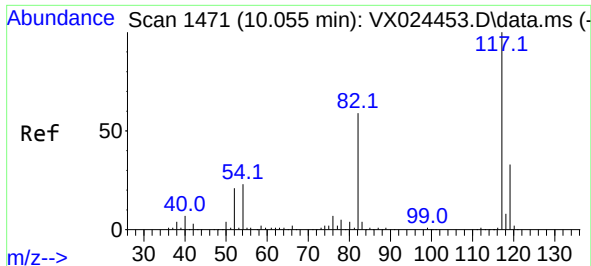
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#62
4-Bromofluorobenzene
Concen: 51.88 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

Tgt Ion: 95 Resp: 131806
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.7 0.0 155.8





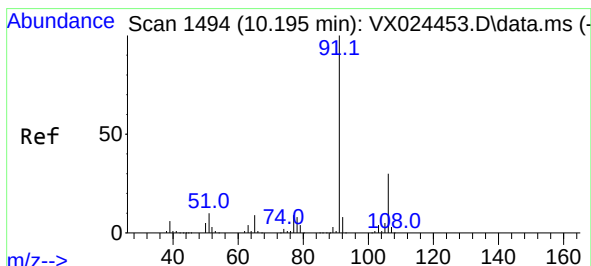
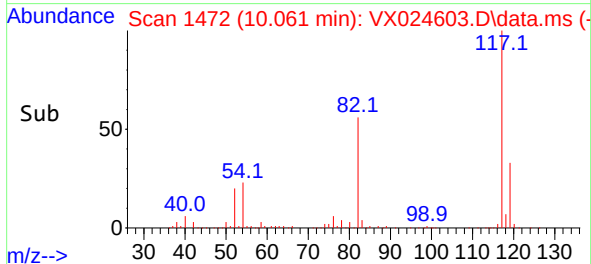
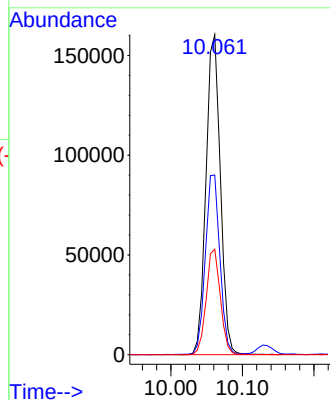
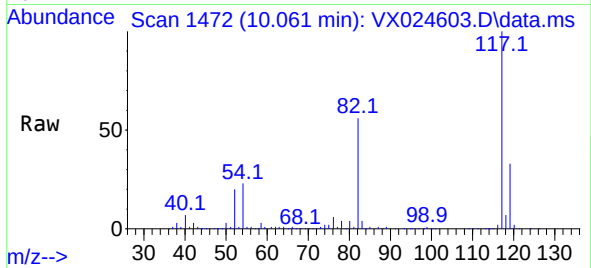
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

Tgt Ion: 117 Resp: 224448
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.9 26.6 39.8

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW

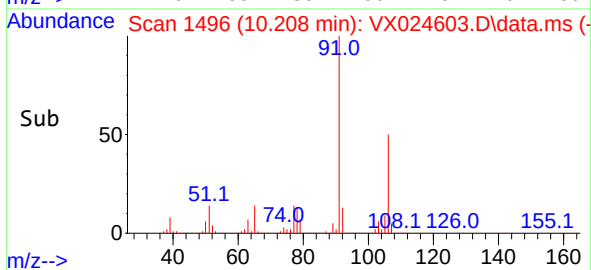
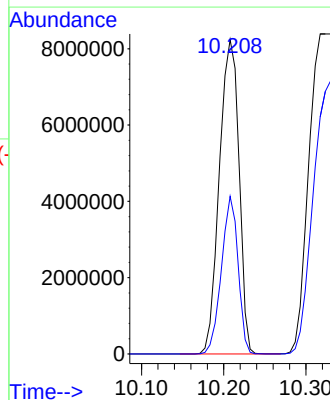
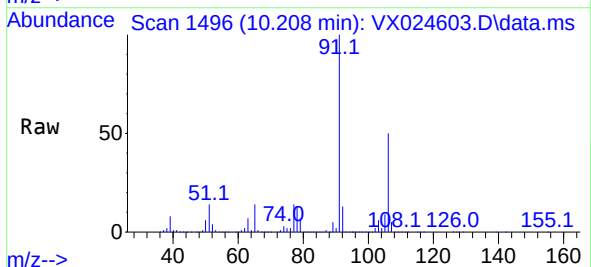
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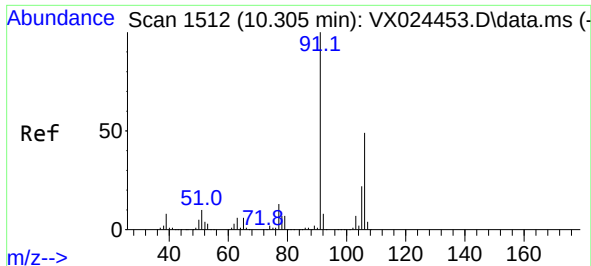
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10/6/2021 7:03:59 PM



#67
Ethyl Benzene
Concen: 1651.48 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

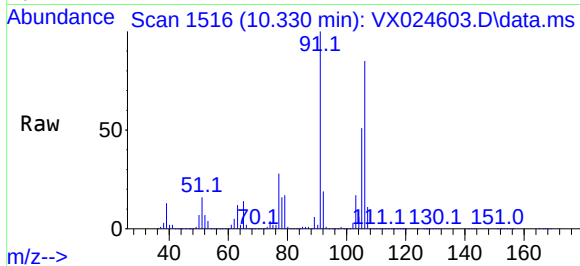
Tgt Ion: 91 Resp: 13669165
Ion Ratio Lower Upper
91 100
106 50.1 24.6 37.0#





#68
m/p-Xylenes
Concen: 5335.30 ug/l
RT: 10.330 min Scan# 1516
Delta R.T. 0.025 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

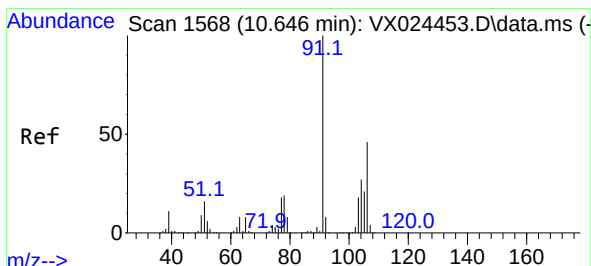
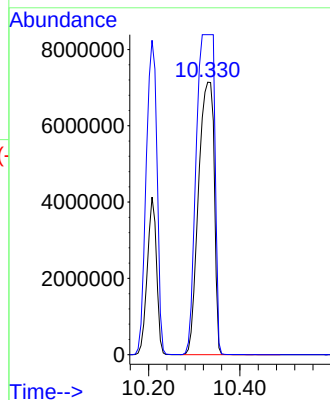
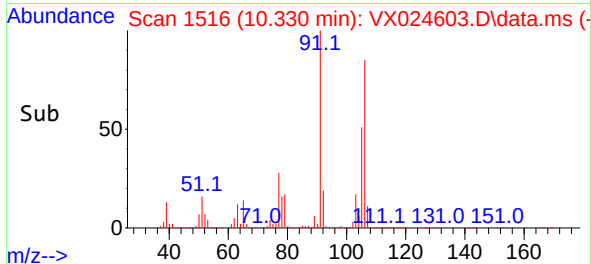
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW



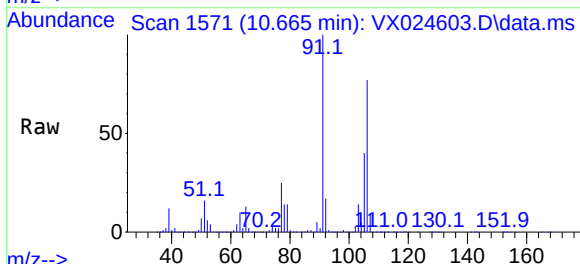
Tgt Ion:106 Resp:16933857
Ion Ratio Lower Upper
106 100
91 0.0 162.8 244.2#

Manual Integrations
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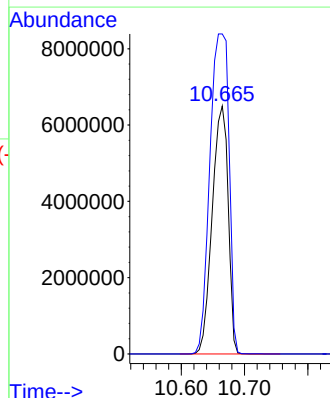
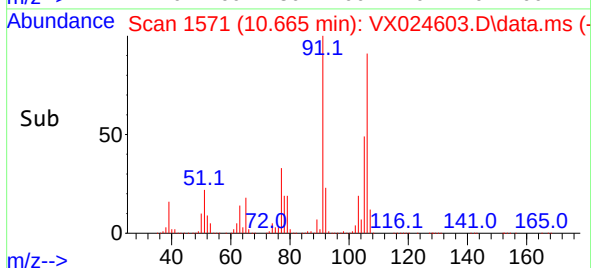
MMDadoda
10/6/2021 7:03:59 PM

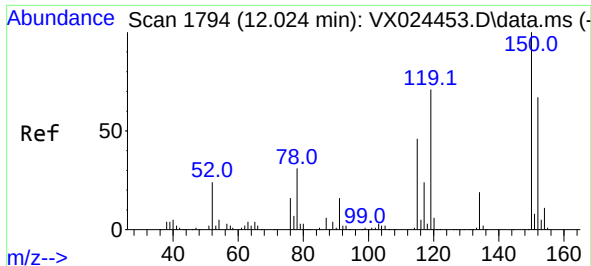


#69
o-Xylene
Concen: 3620.96 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.019 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

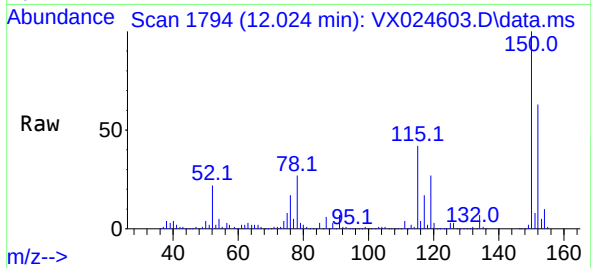


Tgt Ion:106 Resp:11364622
Ion Ratio Lower Upper
106 100
91 154.9 108.1 324.2

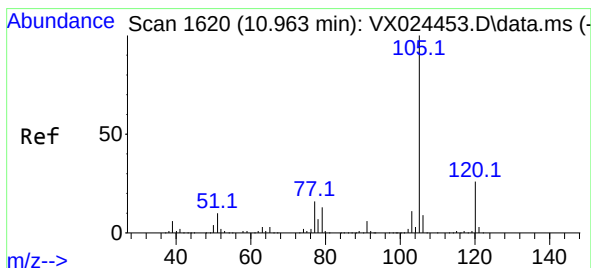
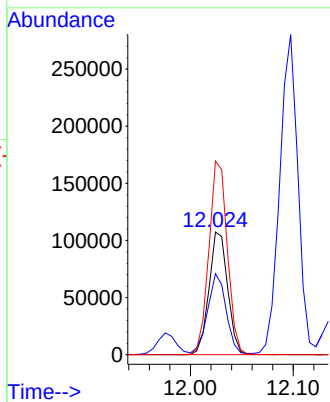
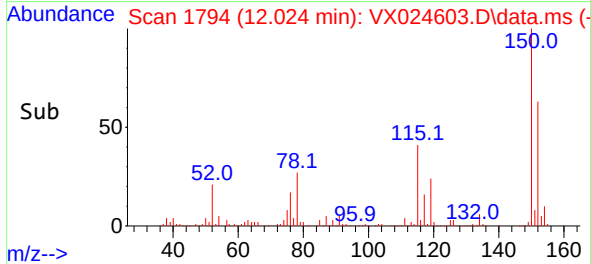




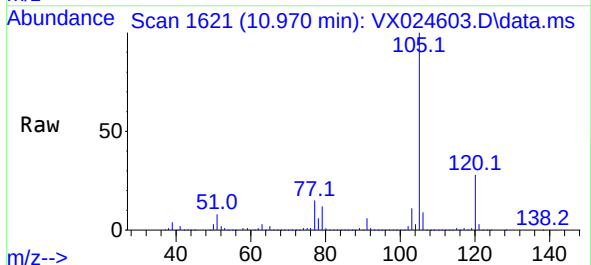
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



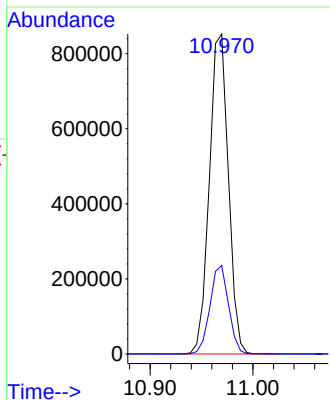
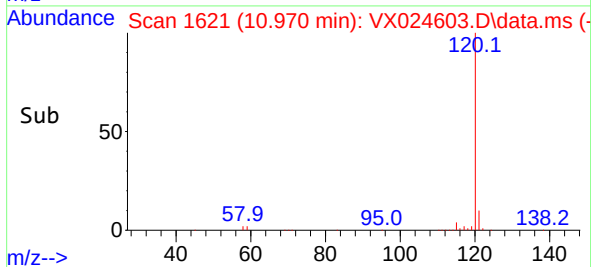
Tgt Ion:152 Resp: 134946
Ion Ratio Lower Upper
152 100
115 63.6 41.1 123.3
150 156.4 0.0 349.0



#73
Isopropylbenzene
Concen: 114.64 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



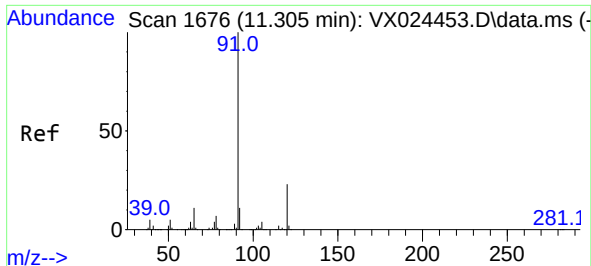
Tgt Ion:105 Resp: 1093680
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW

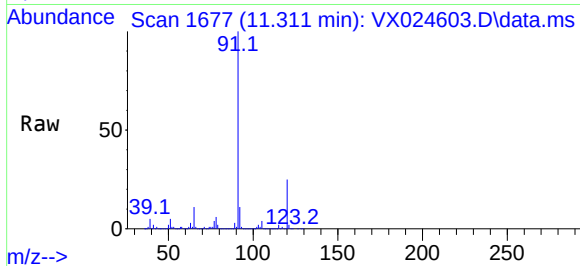
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10/6/2021 7:03:59 PM



#78
n-propylbenzene
Concen: 231.90 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

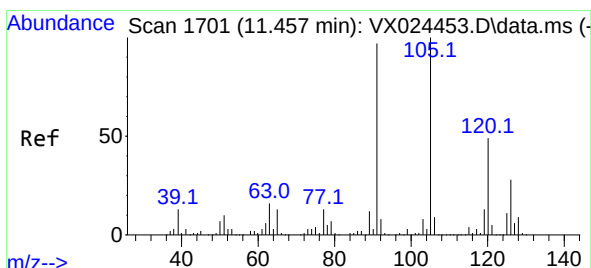
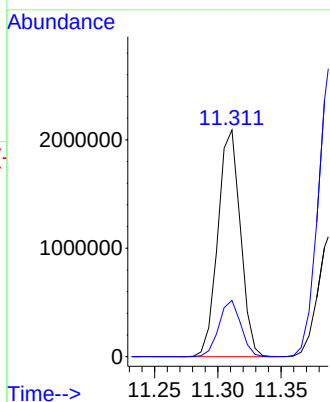
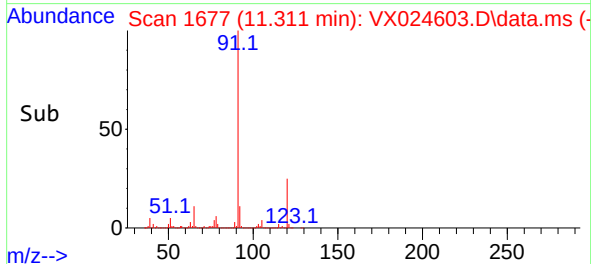
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW



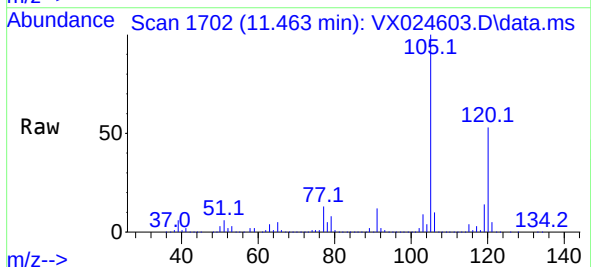
Tgt Ion: 91 Resp: 2586233
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.5

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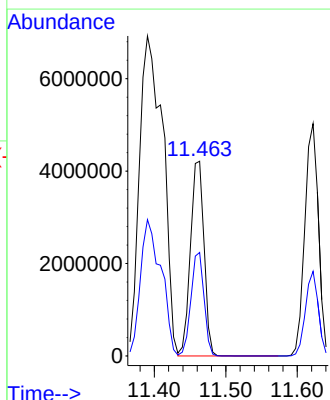
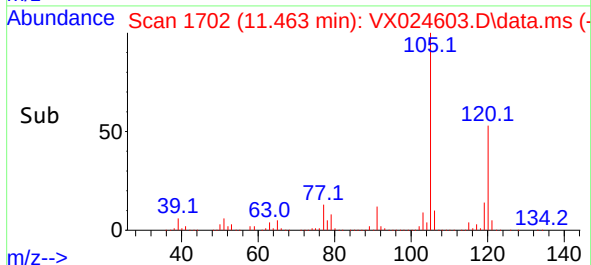
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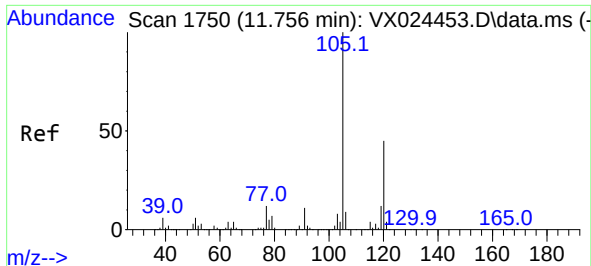


#80
1,3,5-Trimethylbenzene
Concen: 682.81 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



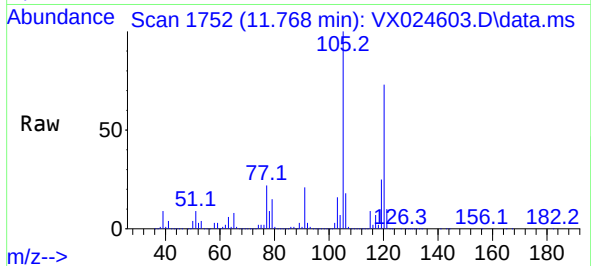
Tgt Ion: 105 Resp: 5564769
Ion Ratio Lower Upper
105 100
120 51.1 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 1942.68 ug/l
RT: 11.768 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

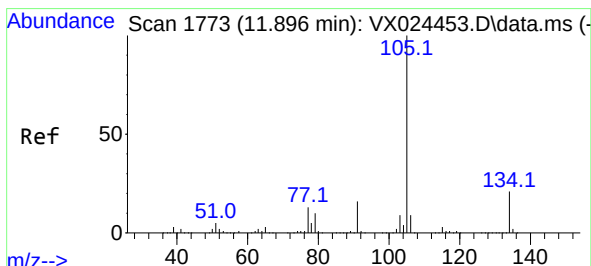
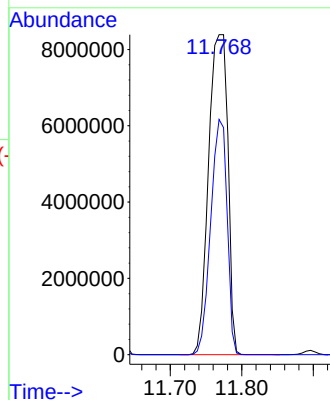
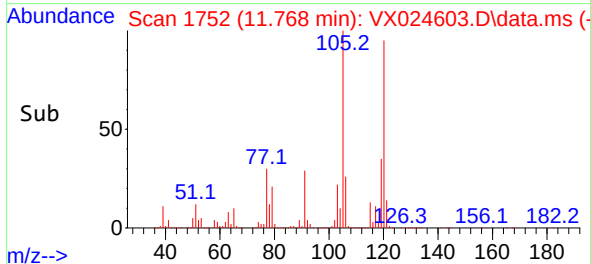
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW



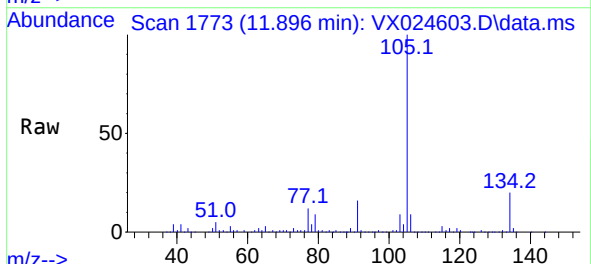
Tgt Ion:105 Resp:15742264
Ion Ratio Lower Upper
105 100
120 62.2 22.4 67.3

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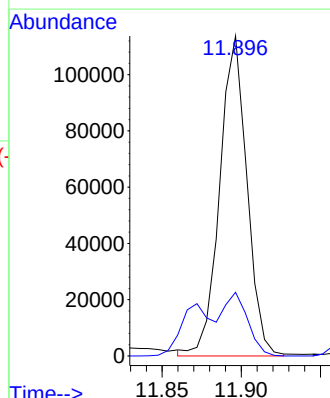
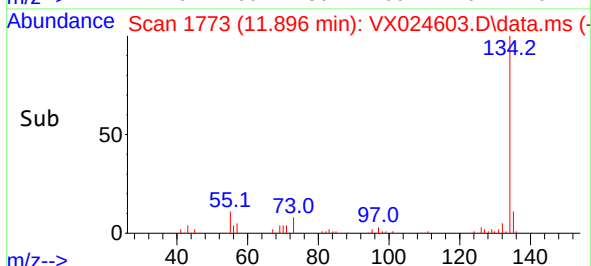
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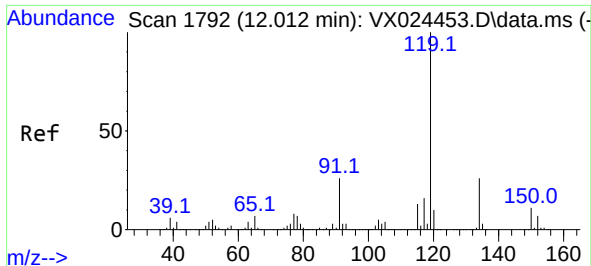


#85
sec-Butylbenzene
Concen: 13.54 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



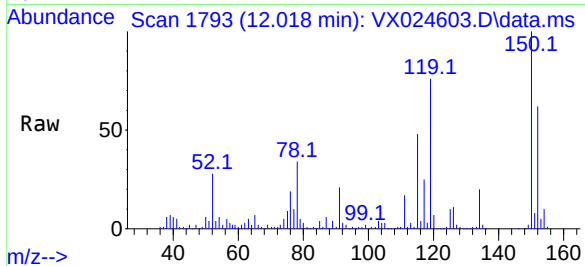
Tgt Ion:105 Resp: 136109
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#86
p-Isopropyltoluene
Concen: 10.25 ug/l m
RT: 12.018 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56

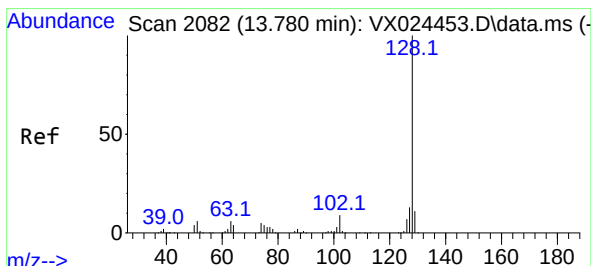
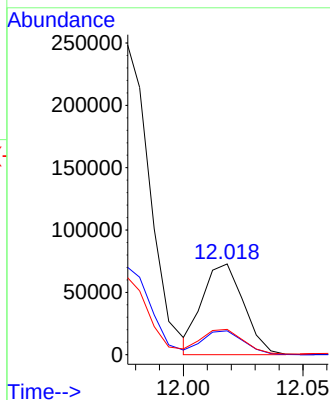
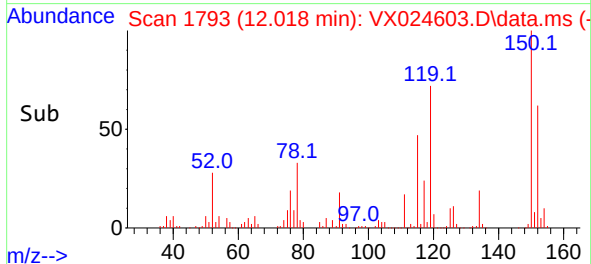
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW08-GW



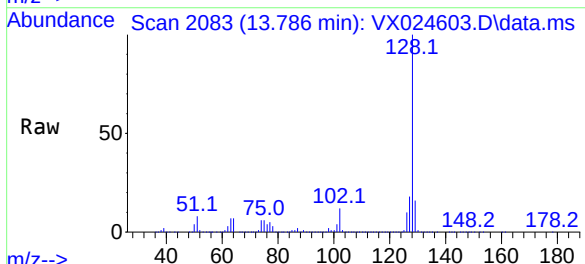
Tgt Ion:119 Resp: 87821
Ion Ratio Lower Upper
119 100
134 101.5 12.9 38.7#
91 88.4 11.7 35.0#

Manual Integrations
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10/6/2021 7:03:59 PM



#95
Naphthalene
Concen: 1056.65 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024603.D
Acq: 06 Oct 2021 04:56



Tgt Ion:128 Resp: 9952049
Ion Ratio Lower Upper
128 100
127 16.1 10.3 15.5#
129 14.1 8.8 13.2#

