

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121720\
 Data File : VX020104.D
 Acq On : 17 Dec 2020 07:04
 Operator : JC/MD
 Sample : L5116-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
 12/18/2020 4:15:44 PM

Quant Time: Dec 17 07:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	299798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	501444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	462512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	194008	49.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.48%		
35) Dibromofluoromethane	5.464	113	156364	48.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.50%		
50) Toluene-d8	8.696	98	598341	48.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.72%		
62) 4-Bromofluorobenzene	11.122	95	219023	46.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.02%		
Target Compounds					Qvalue	
16) Acetone	2.416	43	4023	2.72	ug/l	94
52) Toluene	8.763	92	3564	0.41	ug/l	99
64) Tetrachloroethene	9.311	164	1139	0.37	ug/l	96
67) Ethyl Benzene	10.232	91	133201	8.14	ug/l	99
68) m/p-Xylenes	10.342	106	24947	4.05	ug/l	97
69) o-Xylene	10.683	106	6222	1.05	ug/l	93
73) Isopropylbenzene	11.000	105	12692	0.88	ug/l	96
78) n-propylbenzene	11.341	91	41718	2.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	65070	5.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	189006	15.44	ug/l	99
85) sec-Butylbenzene	11.927	105	3517m	0.26	ug/l	
91) 1,2-Dichlorobenzene	12.372	146	1349	0.20	ug/l	97
95) Naphthalene	13.817	128	66775	4.80	ug/l	99

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

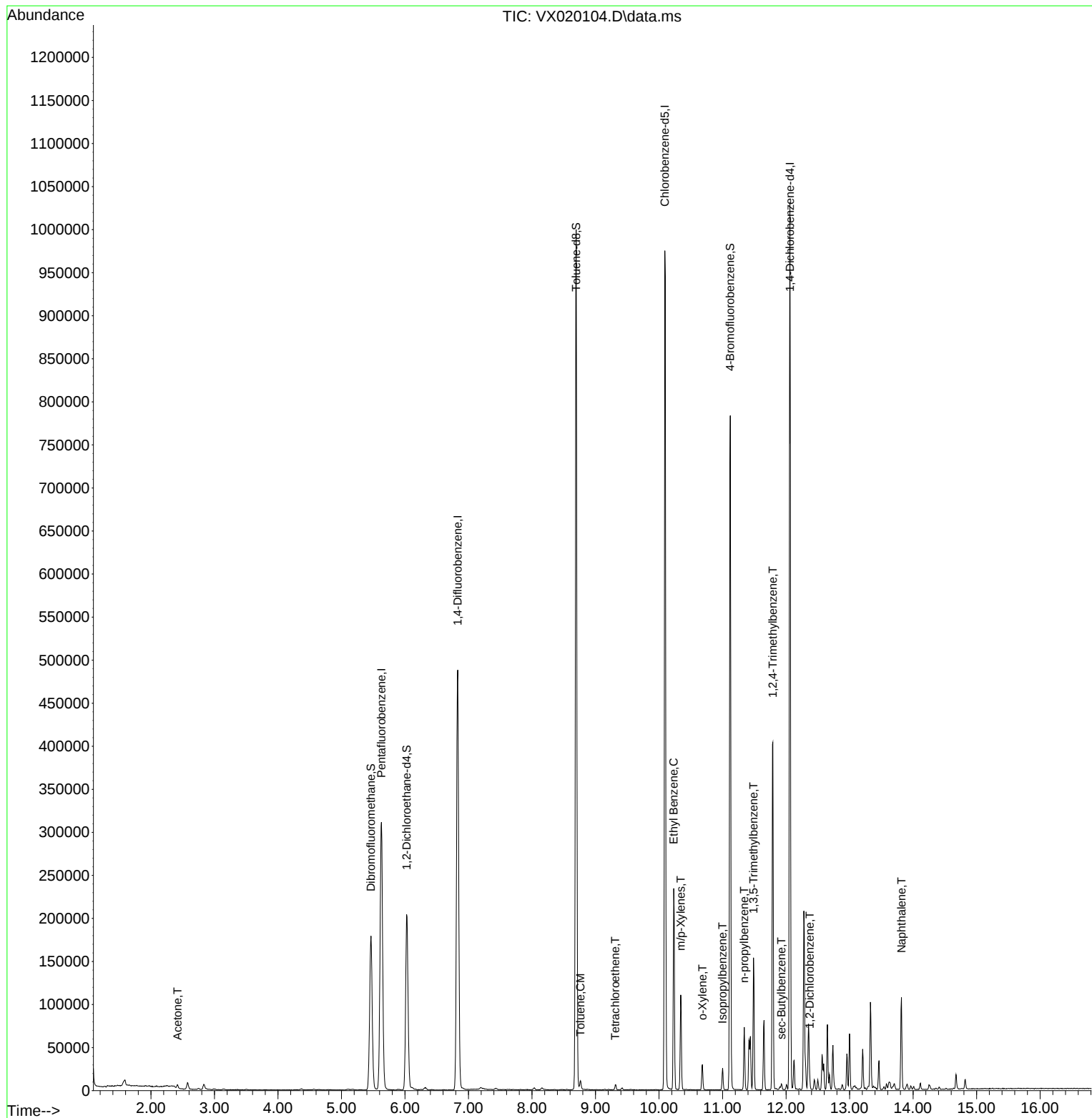
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121720\
Data File : VX020104.D
Acq On : 17 Dec 2020 07:04
Operator : JC/MD
Sample : L5116-01
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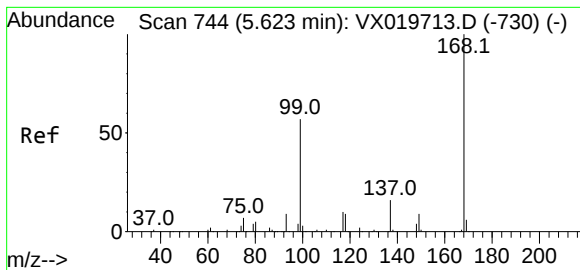
Instrument :
MSVOA_X
ClientSampleId :
MW-1

Manual Integrations
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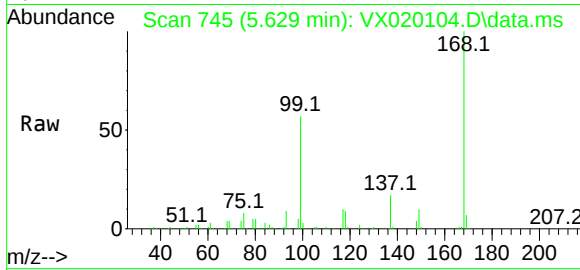
MMDadoda
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Quant Time: Dec 17 07:36:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

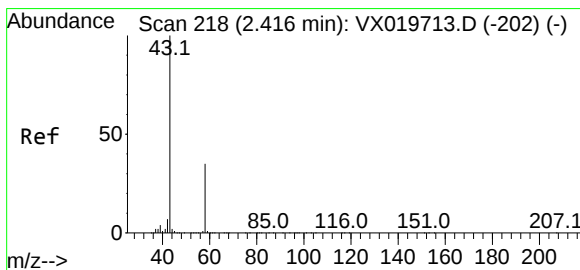
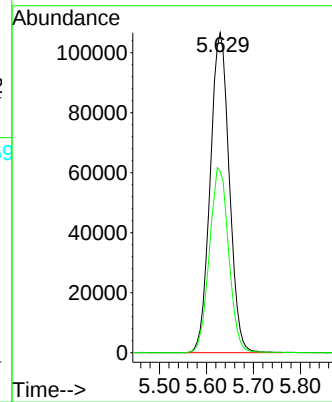
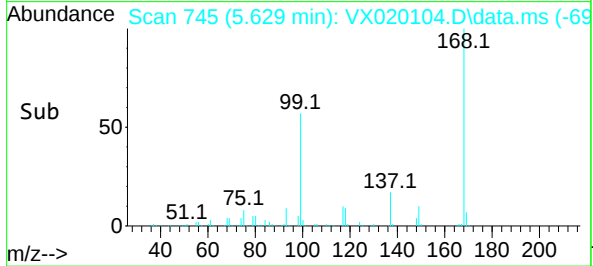




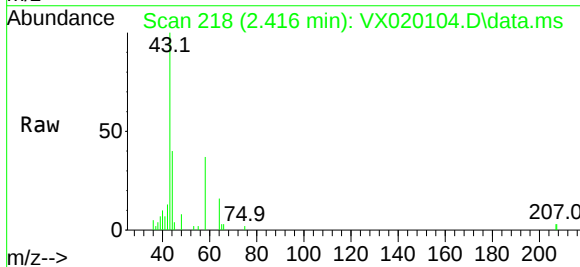
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



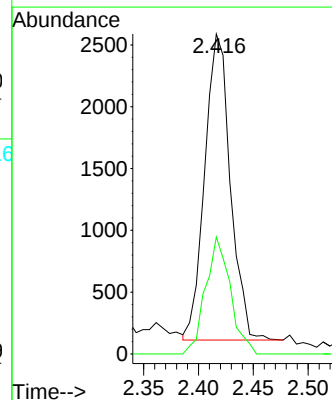
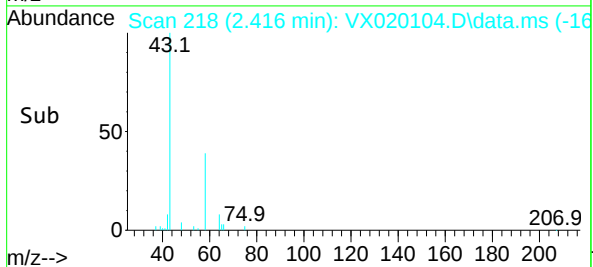
Tgt Ion:168 Resp: 299798
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#16
Acetone
Concen: 2.72 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



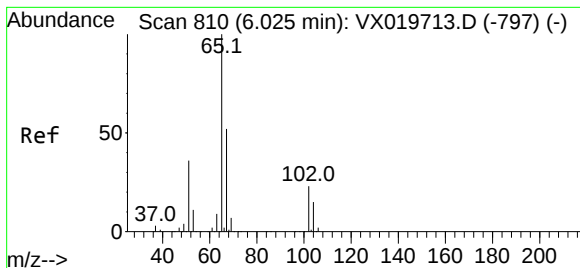
Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
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58 38.2 27.8 41.8



Instrument :
MSVOA_X
ClientSampleId :
MW-1

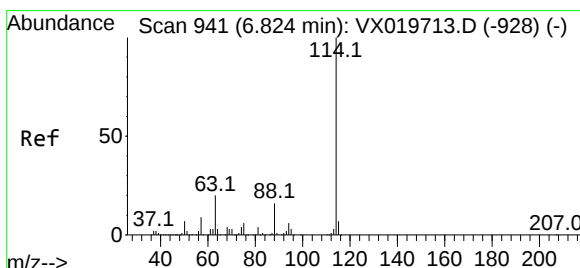
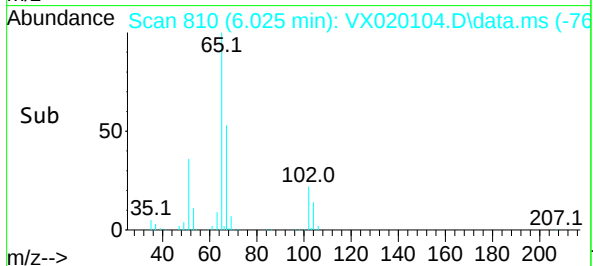
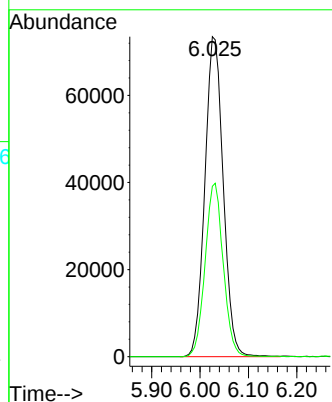
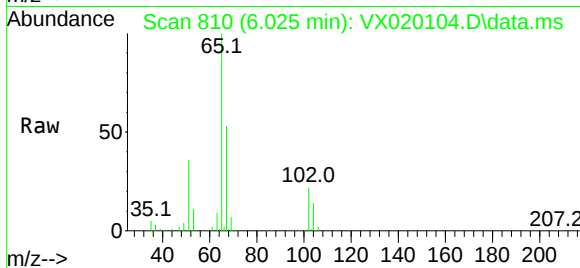
Manual Integrations
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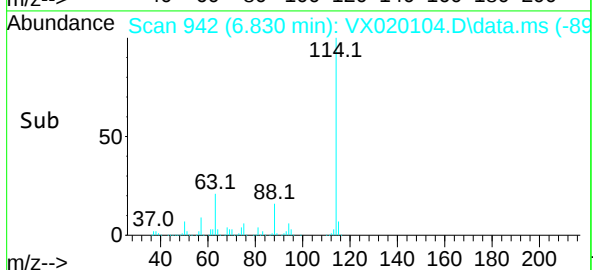
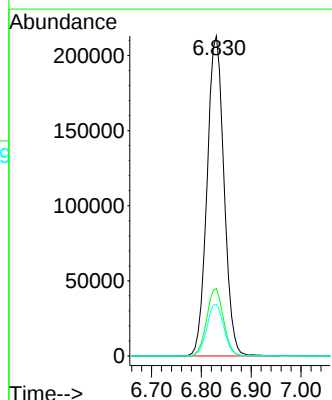
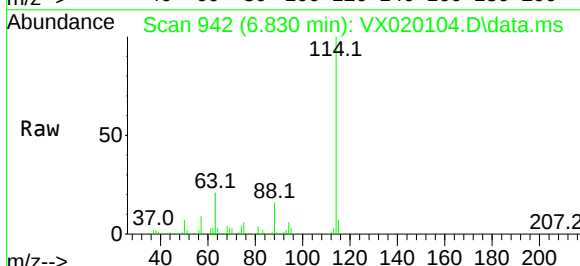
#33
1,2-Dichloroethane-d4
Concen: 49.24 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

Tgt Ion: 65 Resp: 194008
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

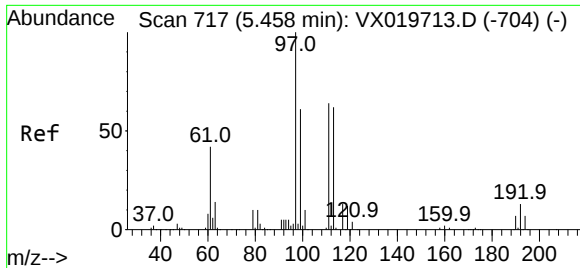
Tgt Ion: 114 Resp: 501444
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.1 0.0 32.8



Instrument :
MSVOA_X
ClientSampleId :
MW-1

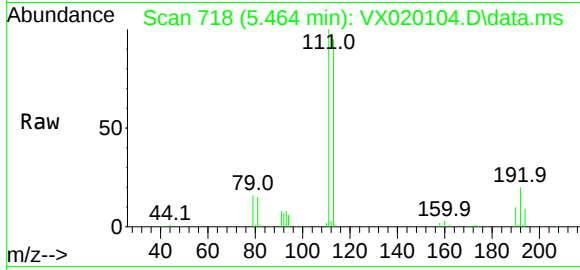
Manual Integrations
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#35
Dibromofluoromethane
Concen: 48.25 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

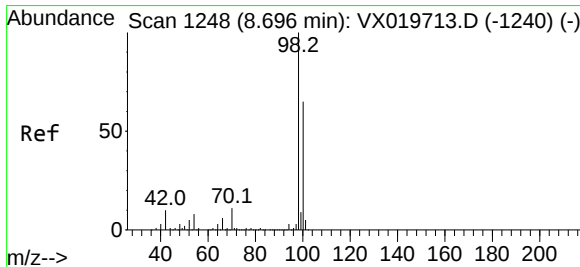
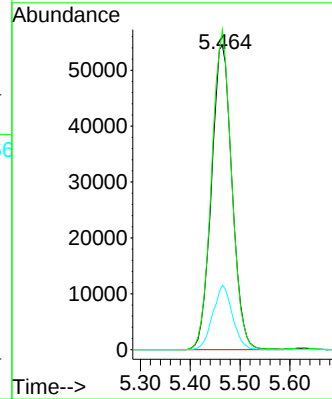
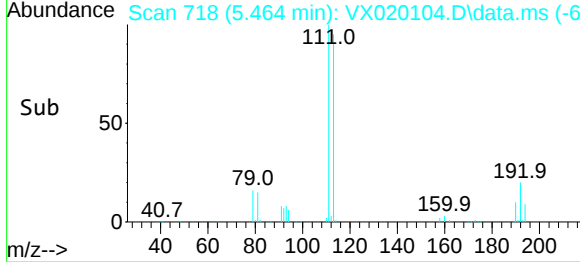
Instrument :
MSVOA_X
ClientSampleId :
MW-1



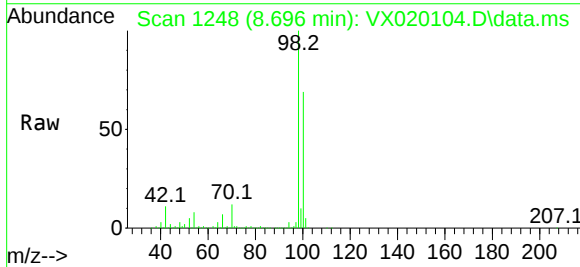
Tgt Ion: 113 Resp: 156364
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.2 16.7 25.1

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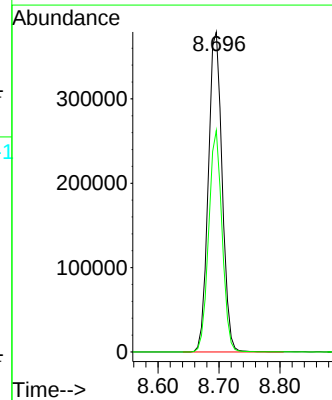
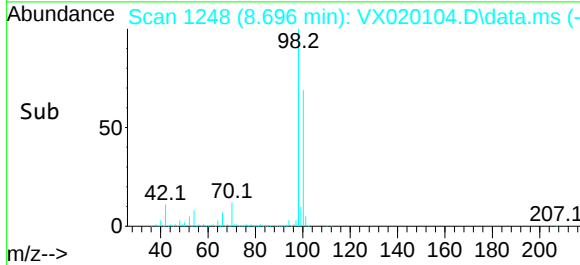
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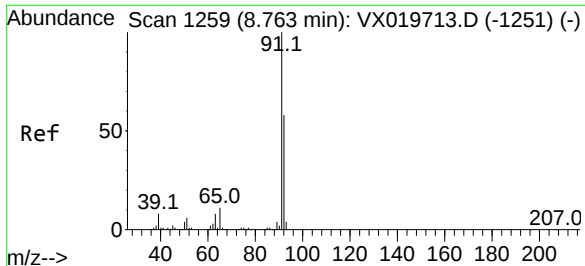


#50
Toluene-d8
Concen: 48.36 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



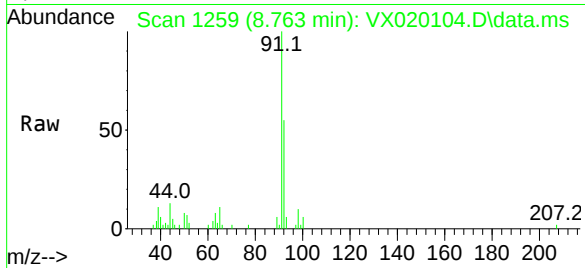
Tgt Ion: 98 Resp: 598341
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



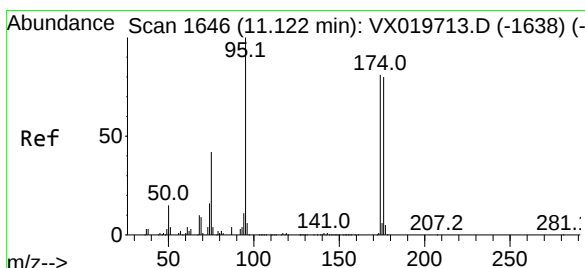
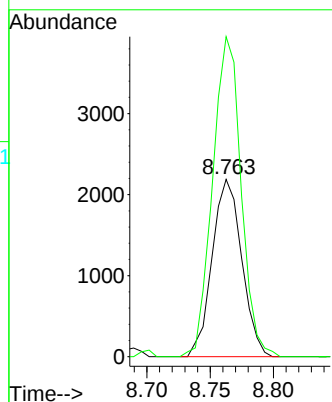
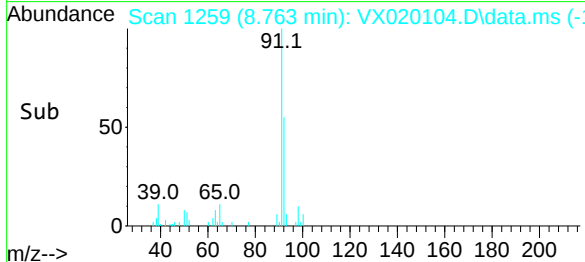


#52
Toluene
Concen: 0.41 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

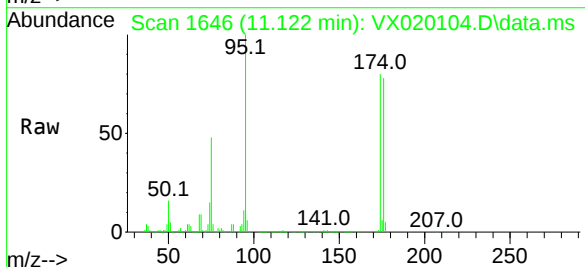
Instrument :
MSVOA_X
ClientSampled :
MW-1



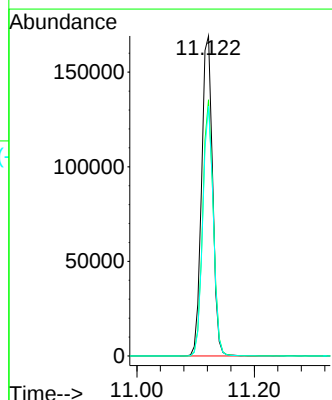
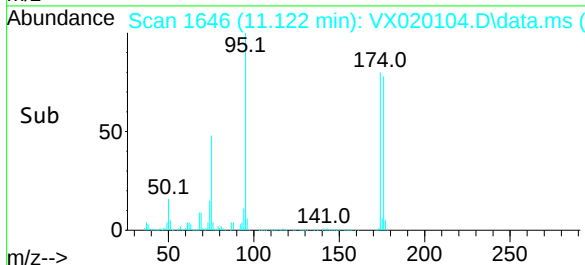
Tgt Ion: 92 Resp: 3564
Ion Ratio Lower Upper
92 100
91 173.1 137.1 205.7

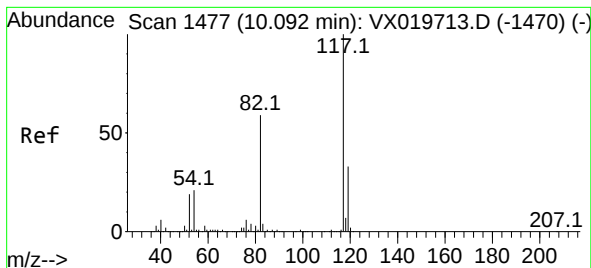


#62
4-Bromofluorobenzene
Concen: 46.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



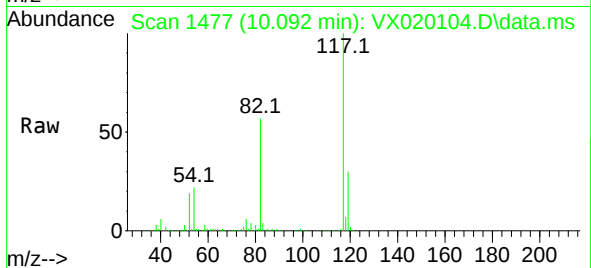
Tgt Ion: 95 Resp: 219023
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 75.1 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

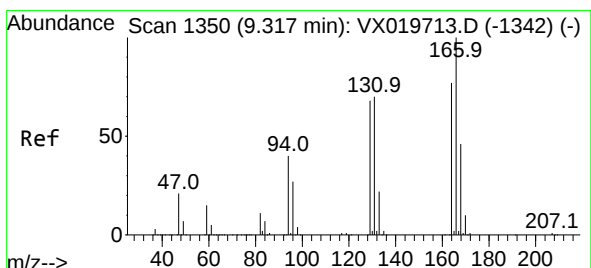
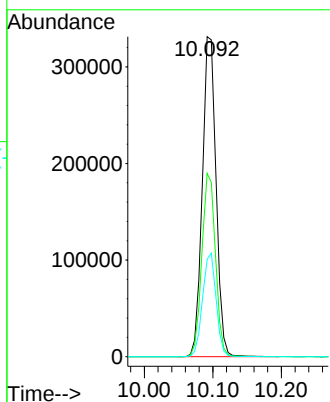
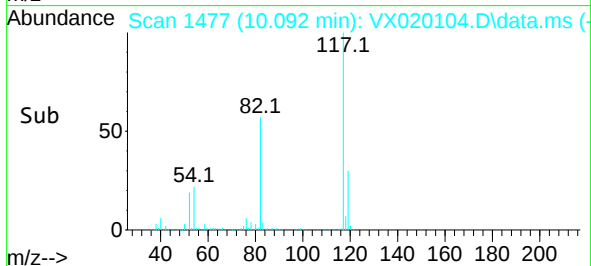
Instrument :
MSVOA_X
ClientSampled :
MW-1



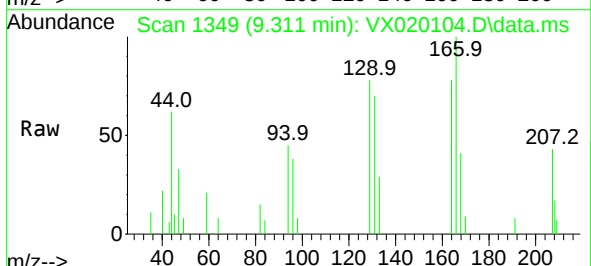
Tgt Ion:117 Resp: 462512
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 30.4 26.6 39.8

Manual Integrations
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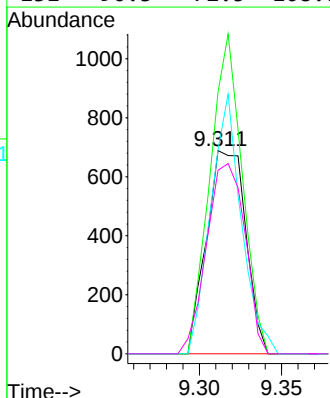
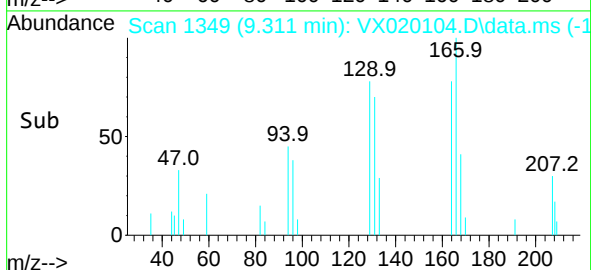
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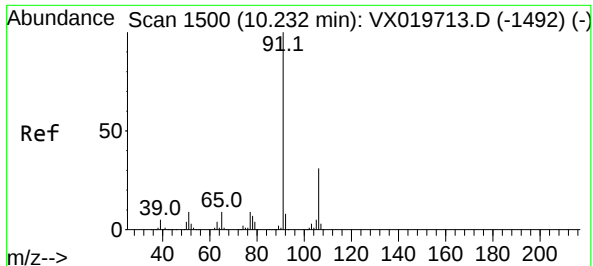


#64
Tetrachloroethene
Concen: 0.37 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



Tgt Ion:164 Resp: 1139
Ion Ratio Lower Upper
164 100
166 128.7 103.4 155.2
129 100.4 70.8 106.2
131 90.3 72.5 108.7





#67

Ethyl Benzene

Concen: 8.14 ug/l

RT: 10.232 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VX020104.D

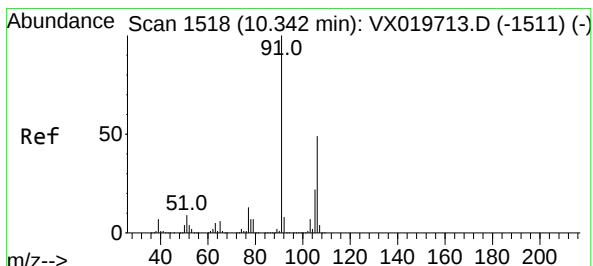
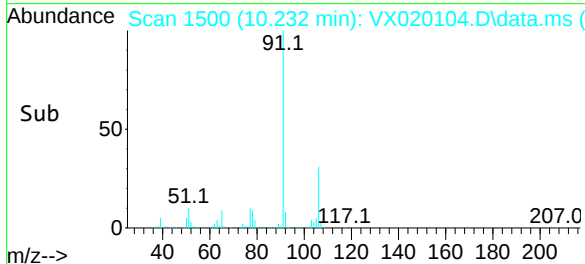
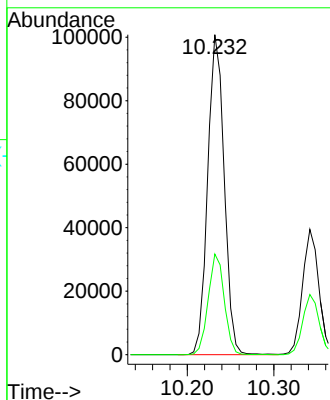
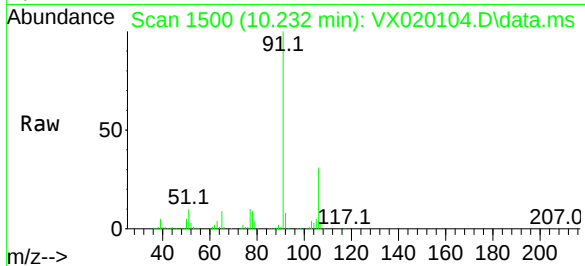
Acq: 17 Dec 2020 07:04

Tgt Ion: 91 Resp: 133201

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



#68

m/p-Xylenes

Concen: 4.05 ug/l

RT: 10.342 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VX020104.D

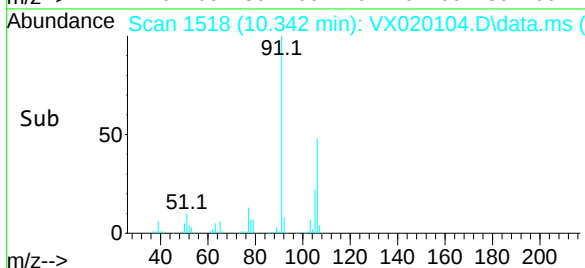
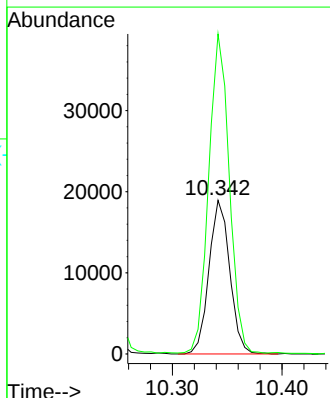
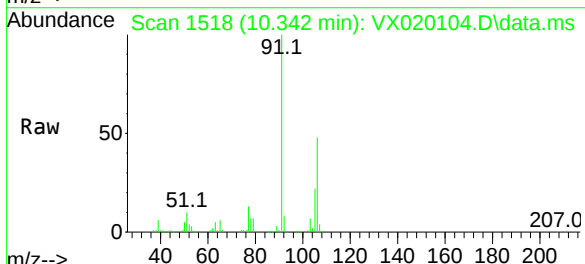
Acq: 17 Dec 2020 07:04

Tgt Ion: 106 Resp: 24947

Ion Ratio Lower Upper

106 100

91 208.3 162.8 244.2



Instrument :

MSVOA_X

ClientSampled :

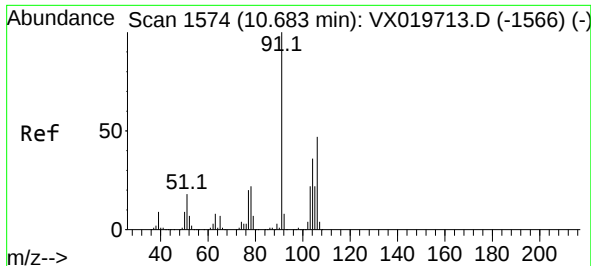
MW-1

Manual Integrations

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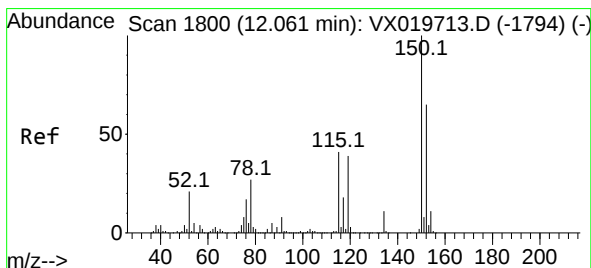
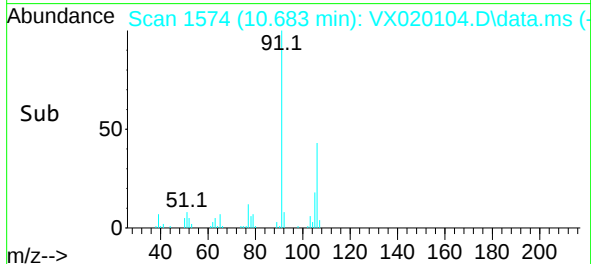
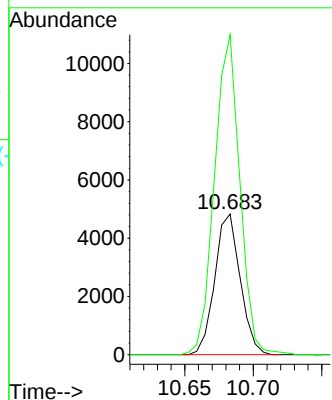
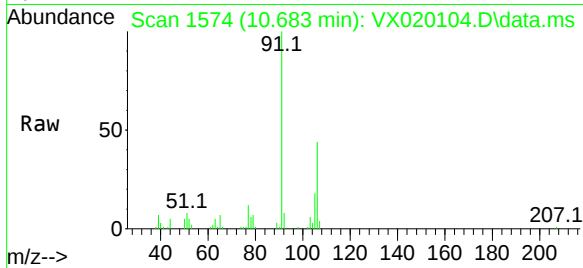
#69
o-Xylene
Concen: 1.05 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

Tgt Ion:106 Resp: 6222
Ion Ratio Lower Upper
106 100
91 226.8 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
MW-1

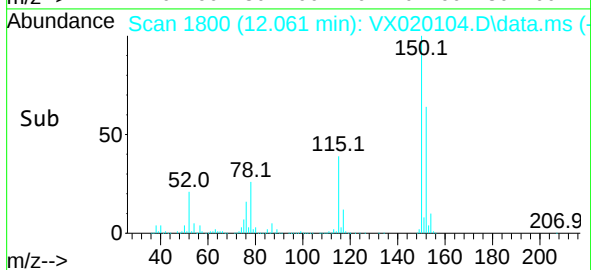
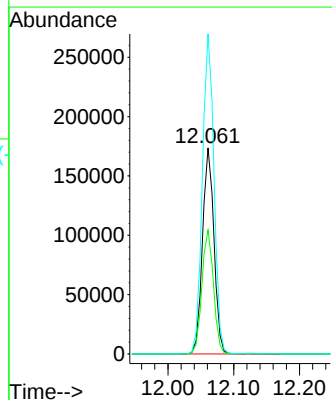
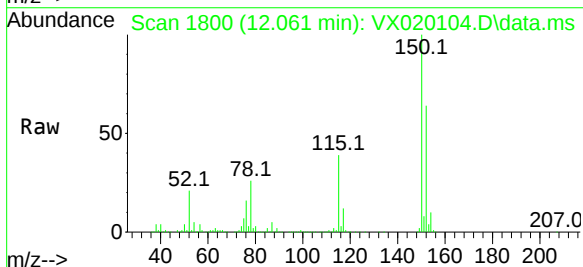
Manual Integrations
APPROVED

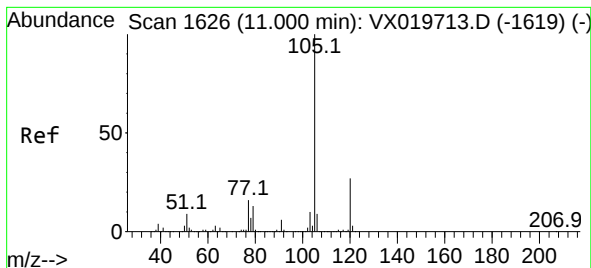
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

Tgt Ion:152 Resp: 210764
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.1 0.0 349.0





#73

Isopropylbenzene

Concen: 0.88 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VX020104.D

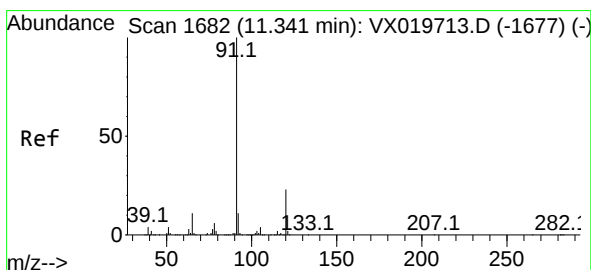
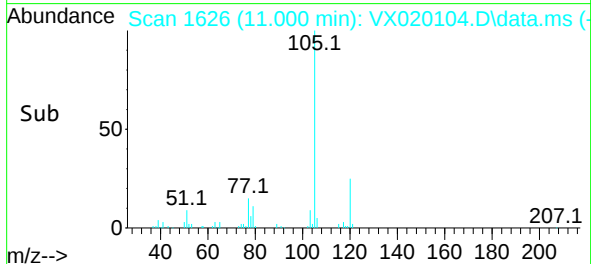
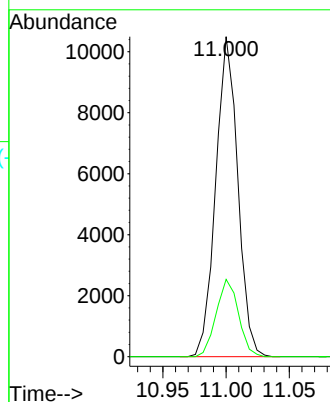
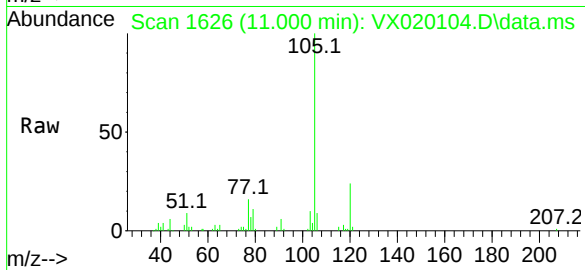
Acq: 17 Dec 2020 07:04

Tgt Ion: 105 Resp: 12692

Ion Ratio Lower Upper

105 100

120 24.4 13.2 39.6



#78

n-propylbenzene

Concen: 2.54 ug/l

RT: 11.341 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VX020104.D

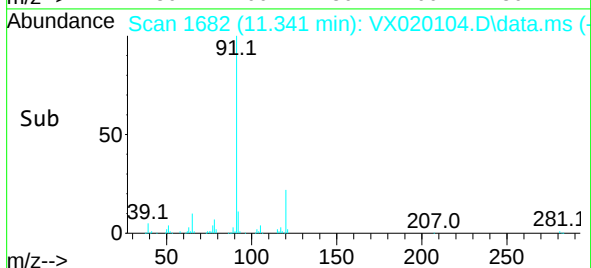
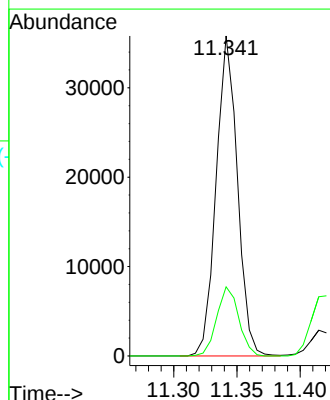
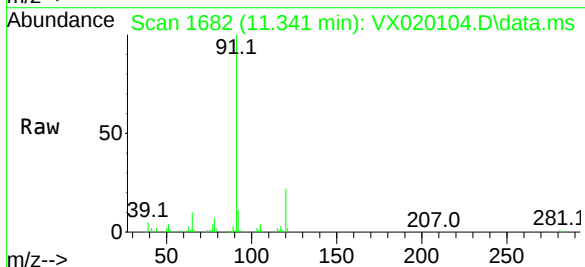
Acq: 17 Dec 2020 07:04

Tgt Ion: 91 Resp: 41718

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.5



Instrument :

MSVOA_X

ClientSampled :

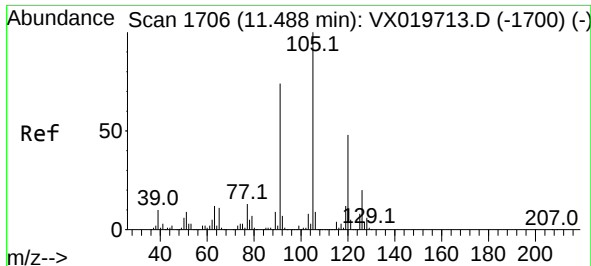
MW-1

Manual Integrations

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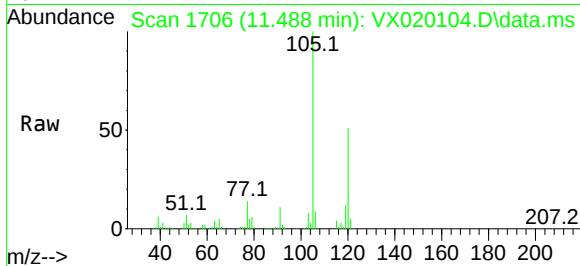
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12/18/2020 4:15:44 PM



#80
1,3,5-Trimethylbenzene
Concen: 5.35 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

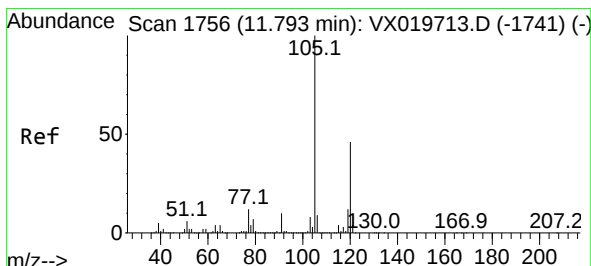
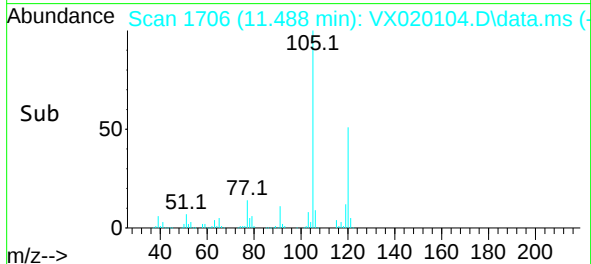
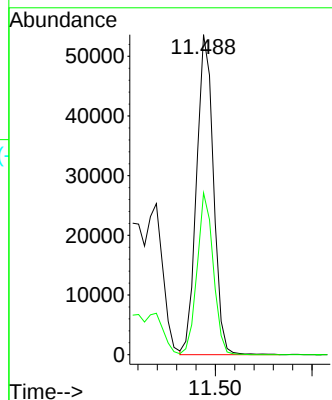
Instrument :
MSVOA_X
ClientSampleId :
MW-1



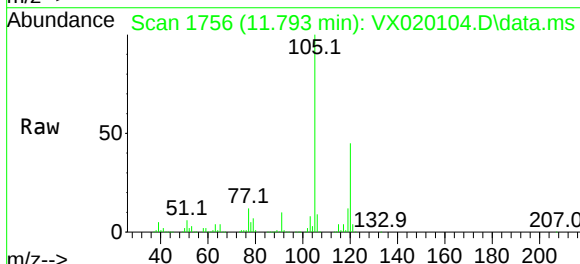
Tgt Ion:105 Resp: 65070
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.5

Manual Integrations
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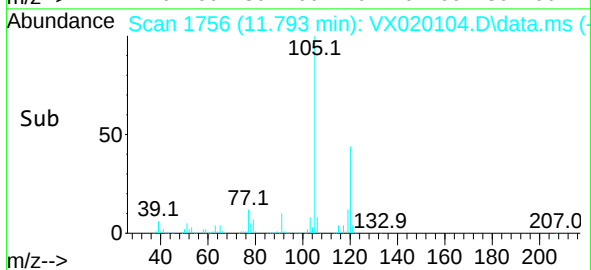
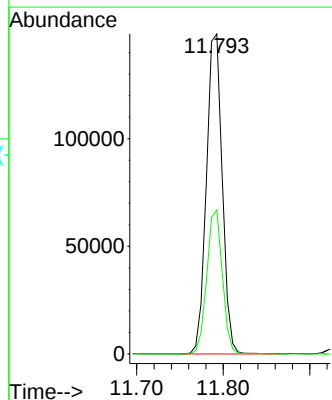
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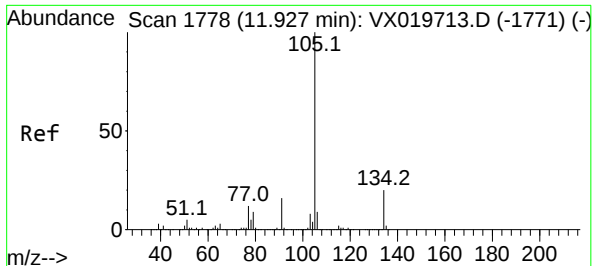


#84
1,2,4-Trimethylbenzene
Concen: 15.44 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

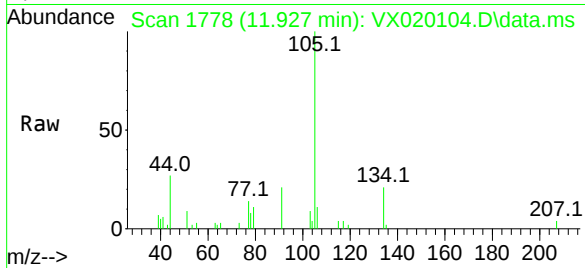


Tgt Ion:105 Resp: 189006
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3

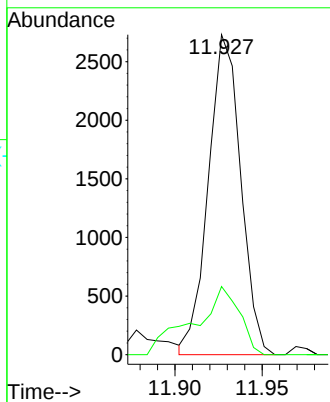
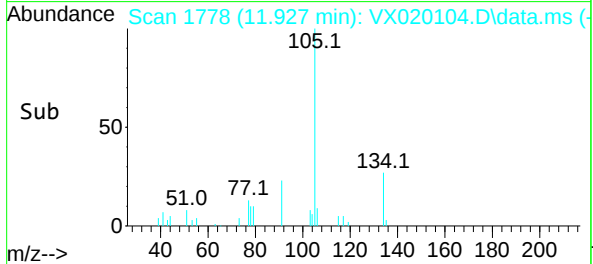




#85
sec-Butylbenzene
Concen: 0.26 ug/l m
RT: 11.927 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



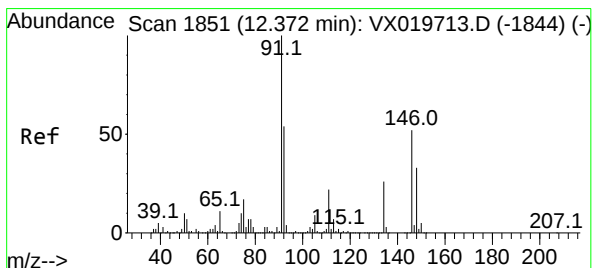
Tgt Ion:105 Resp: 3517
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#



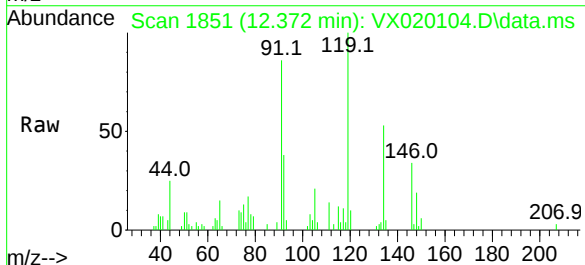
Instrument :
MSVOA_X
ClientSampled :
MW-1

Manual Integrations
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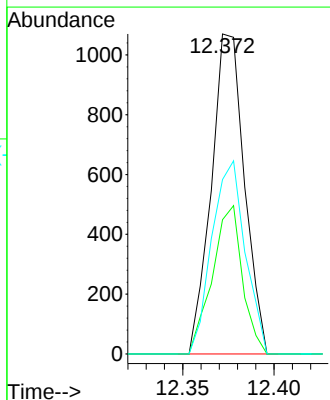
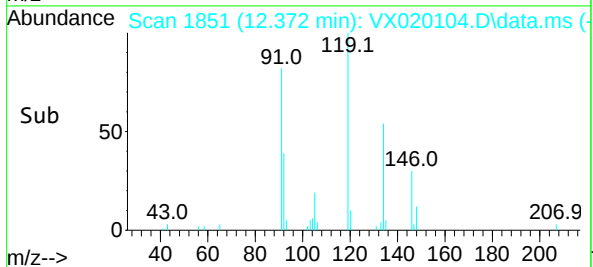
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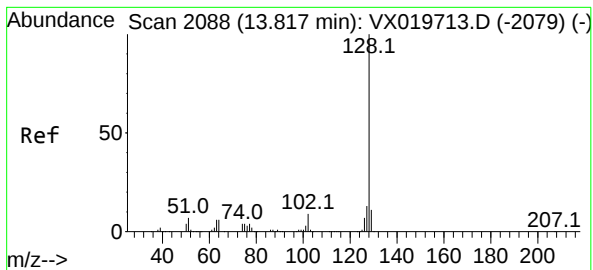


#91
1,2-Dichlorobenzene
Concen: 0.20 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04



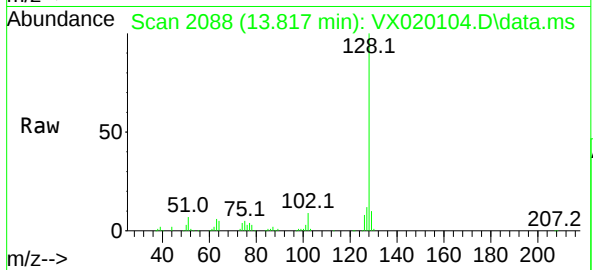
Tgt Ion:146 Resp: 1349
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 60.7 31.9 95.5





#95
Naphthalene
Concen: 4.80 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020104.D
Acq: 17 Dec 2020 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion:	128	Resp:	66775
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.5	8.8	13.2

Manual Integrations
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