

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021776.D
 Acq On : 21 Apr 2021 00:09
 Operator : JC/MD
 Sample : M2079-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Manual Integrations
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 4/21/2021 4:35:56 PM

Quant Time: Apr 21 11:28:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	180504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	297972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	265347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	97430	47.58	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.16%		
35) Dibromofluoromethane	5.465	113	93823	49.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.48%		
50) Toluene-d8	8.696	98	353819	48.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.58%		
62) 4-Bromofluorobenzene	11.116	95	126156	46.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.22%		
Target Compounds					Qvalue	
31) Cyclohexane	5.544	56	3429	1.19	ug/l #	88
39) Methylcyclohexane	7.428	83	5949	1.75	ug/l #	44
67) Ethyl Benzene	10.232	91	99823	10.53	ug/l	99
68) m/p-Xylenes	10.342	106	45876	12.50	ug/l	98
69) o-Xylene	10.677	106	19827	5.60	ug/l	97
73) Isopropylbenzene	11.000	105	56850	6.69	ug/l	100
78) n-propylbenzene	11.342	91	75266	8.01	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	14357	2.00	ug/l	98
83) tert-Butylbenzene	11.750	119	3922	0.55	ug/l	85
84) 1,2,4-Trimethylbenzene	11.787	105	90118	12.41	ug/l	98
85) sec-Butylbenzene	11.927	105	34988	4.25	ug/l	98
86) p-Isopropyltoluene	12.043	119	6504	0.83	ug/l	92
89) n-Butylbenzene	12.366	91	14059m	2.13	ug/l	
95) Naphthalene	13.817	128	46187	5.66	ug/l #	89

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

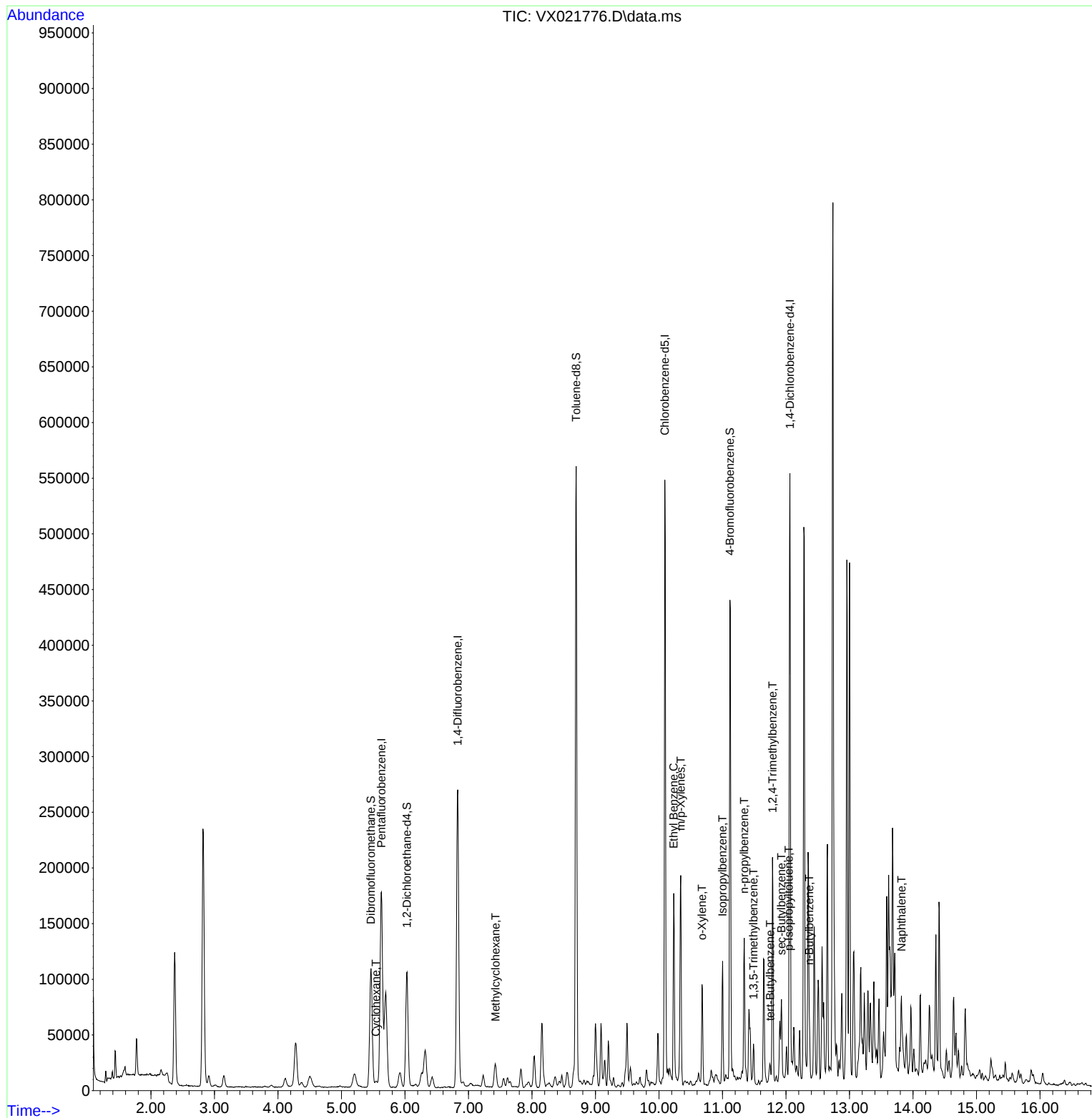
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Data File : VX021776.D
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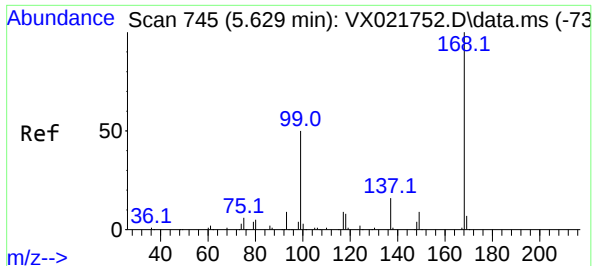
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Quant Time: Apr 21 11:28:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration





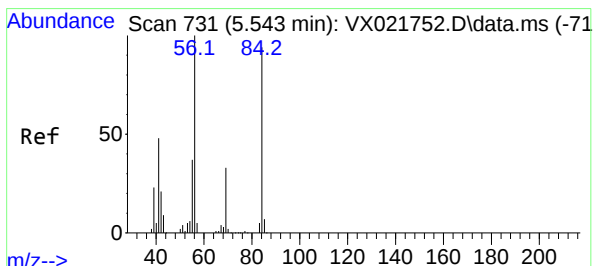
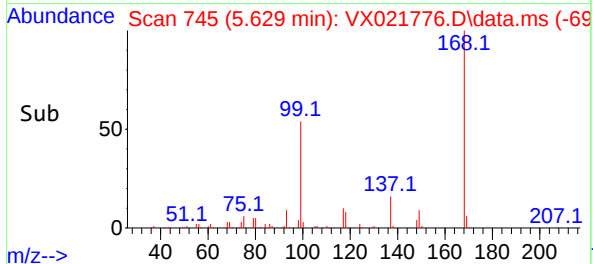
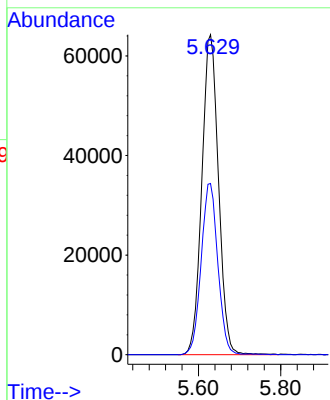
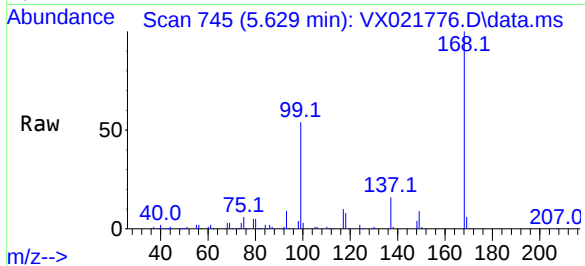
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

Tgt Ion: 168 Resp: 180504
Ion Ratio Lower Upper
168 100
99 53.5 45.8 68.6

Instrument :
MSVOA_X
ClientSampled :
MW-10

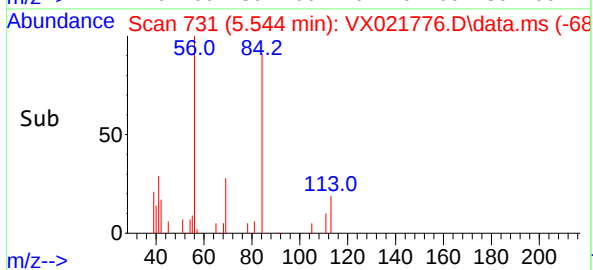
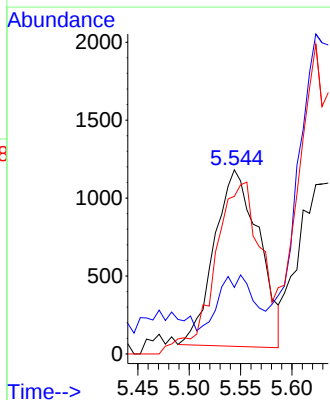
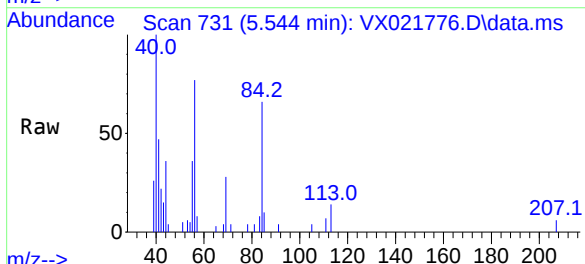
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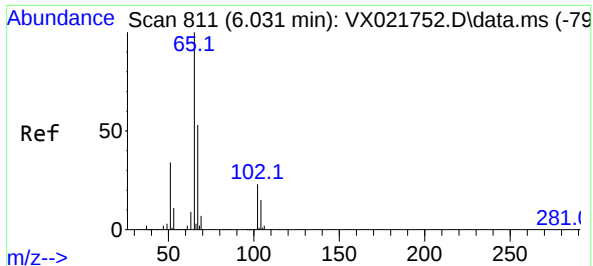
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#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

Tgt Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 18.4 25.3 37.9#
84 81.6 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 47.58 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.001 min

Lab File: VX021776.D

Acq: 21 Apr 2021 00:09

Tgt Ion: 65 Resp: 97430

Ion Ratio Lower Upper

65 100

67 55.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

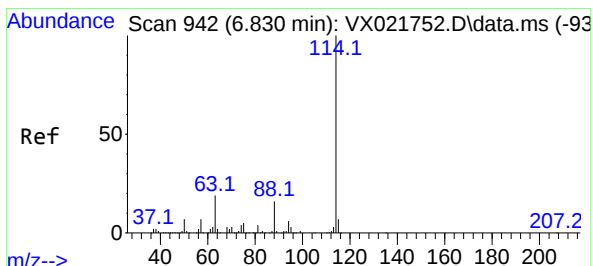
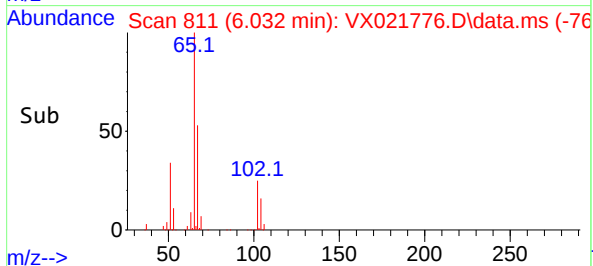
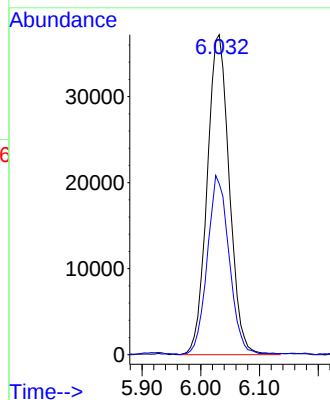
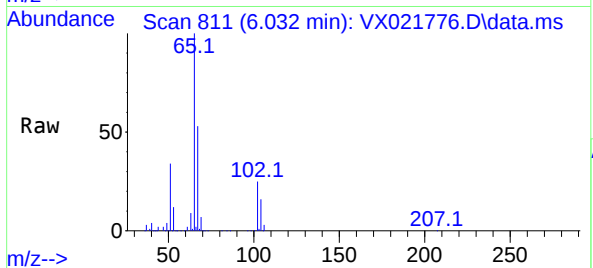
MW-10

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021776.D

Acq: 21 Apr 2021 00:09

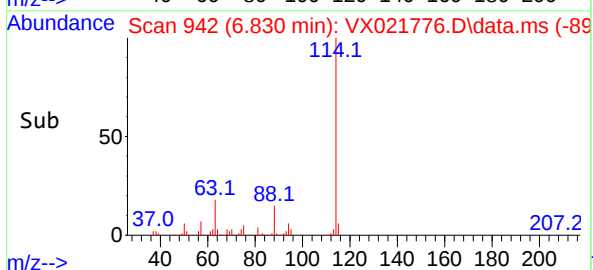
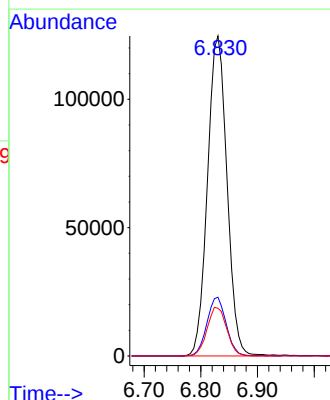
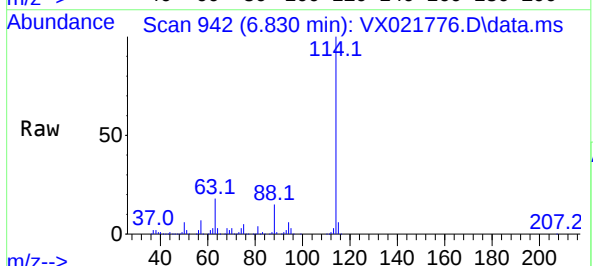
Tgt Ion: 114 Resp: 297972

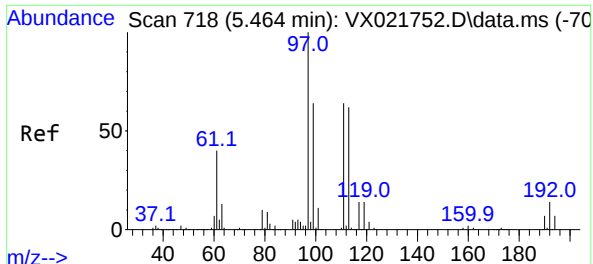
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

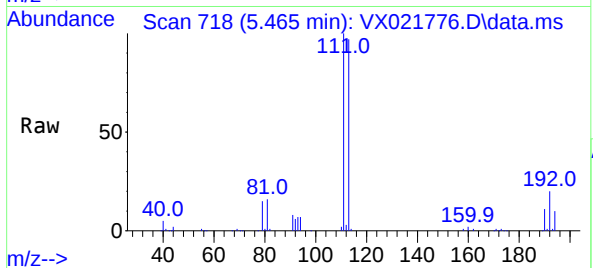
88 14.9 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.24 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

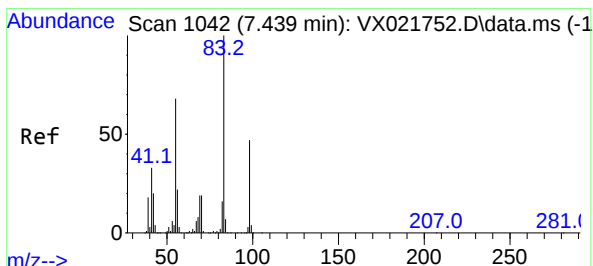
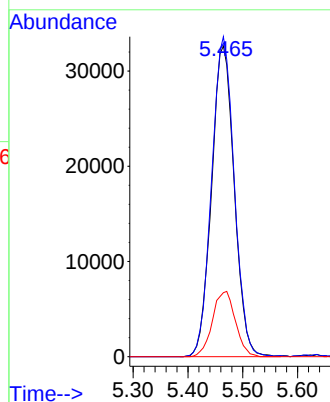
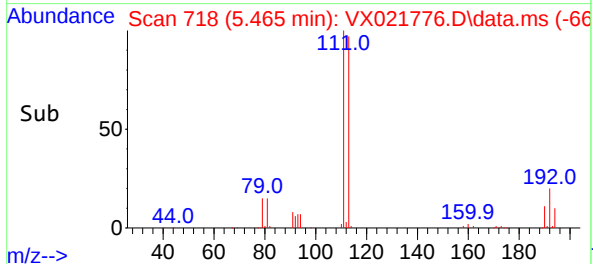
Instrument :
MSVOA_X
ClientSampled :
MW-10



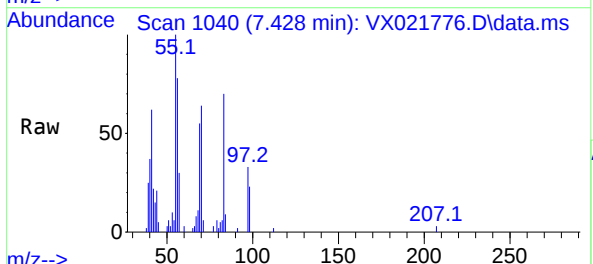
Tgt Ion: 113 Resp: 93823
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 21.2 16.7 25.1

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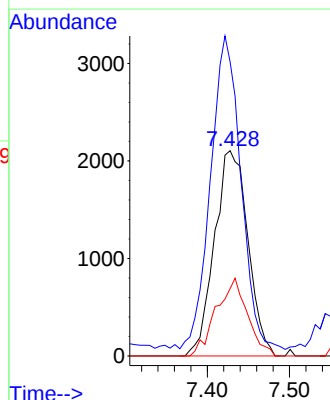
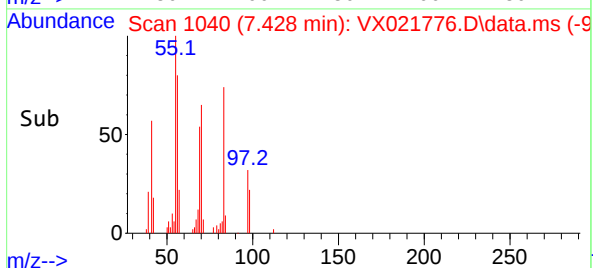
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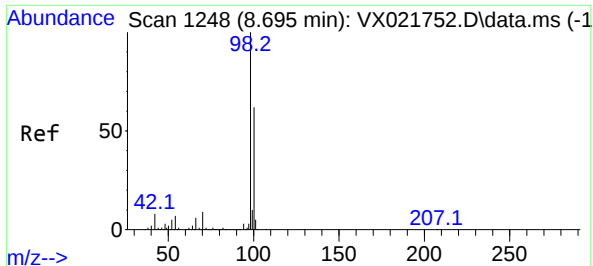


#39
Methylcyclohexane
Concen: 1.75 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.011 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



Tgt Ion: 83 Resp: 5949
Ion Ratio Lower Upper
83 100
55 139.7 58.9 88.3#
98 32.9 38.1 57.1#





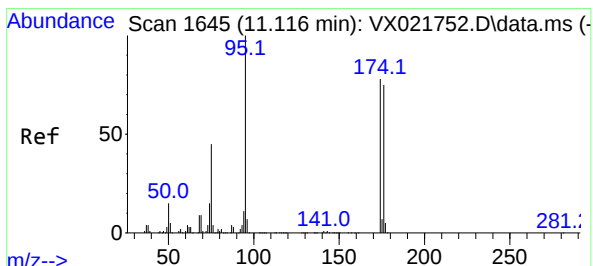
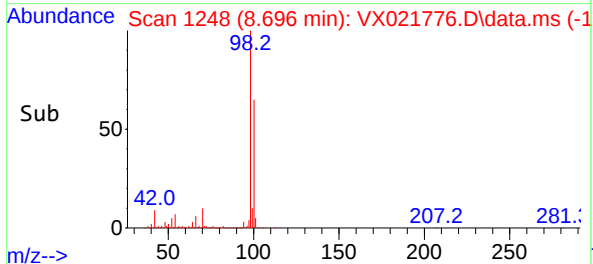
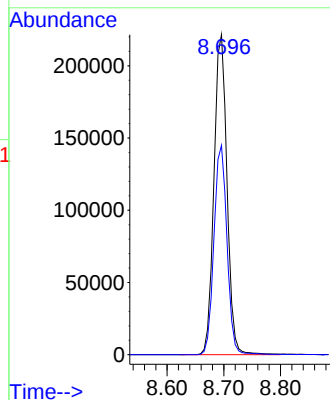
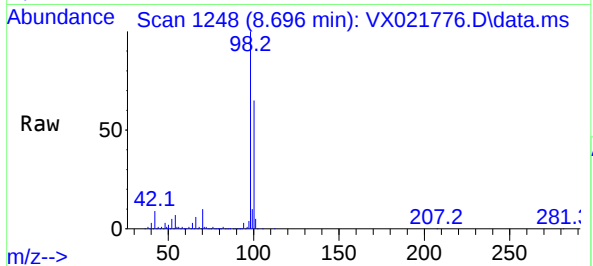
#50
Toluene-d8
Concen: 48.29 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

Tgt Ion: 98 Resp: 353819
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

Instrument :
MSVOA_X
ClientSampleId :
MW-10

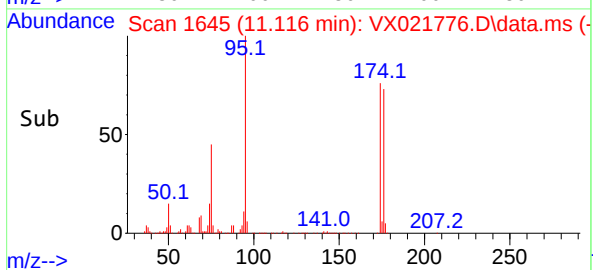
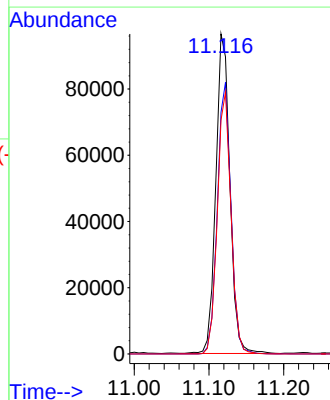
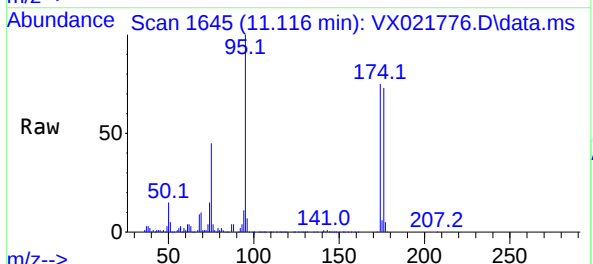
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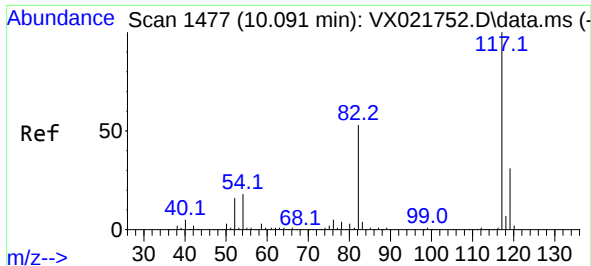
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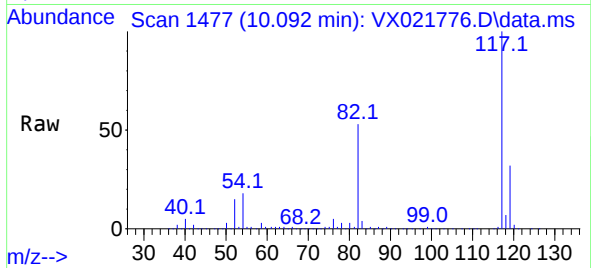
#62
4-Bromofluorobenzene
Concen: 46.11 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

Tgt Ion: 95 Resp: 126156
Ion Ratio Lower Upper
95 100
174 82.2 0.0 154.6
176 79.5 0.0 155.8

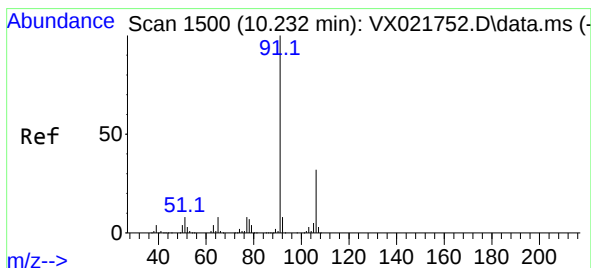
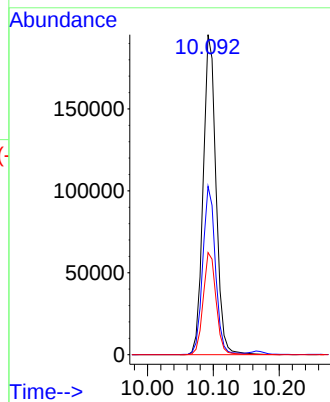
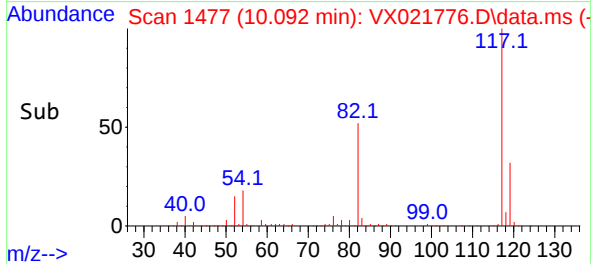




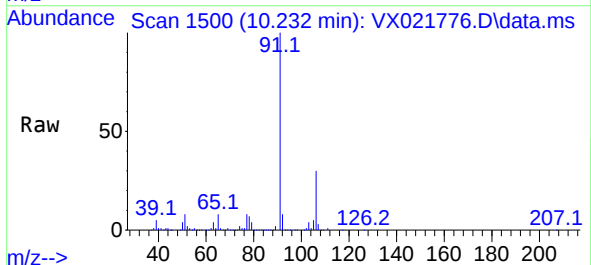
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



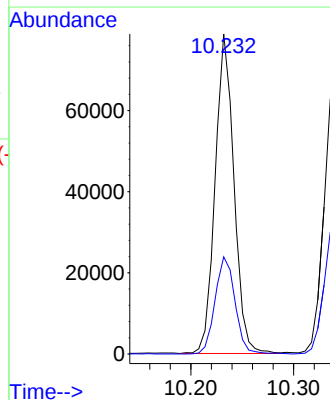
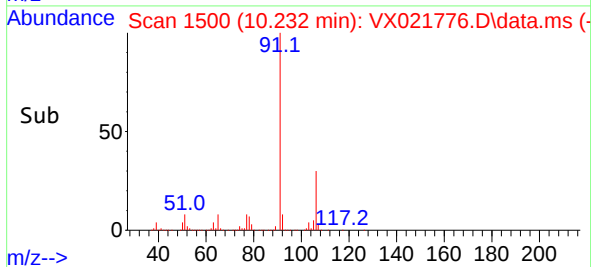
Tgt Ion: 117 Resp: 265347
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 31.9 26.6 39.8



#67
Ethyl Benzene
Concen: 10.53 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



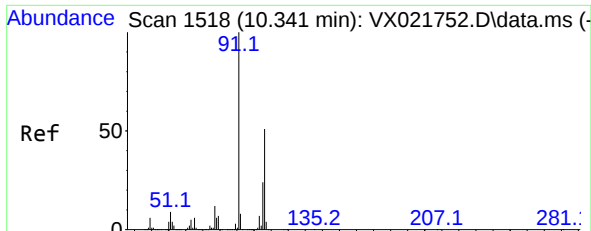
Tgt Ion: 91 Resp: 99823
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0



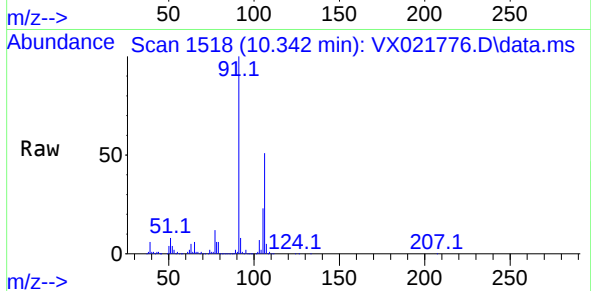
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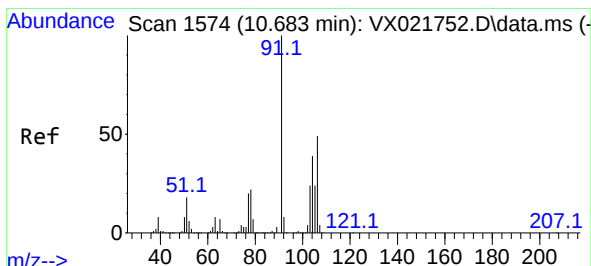
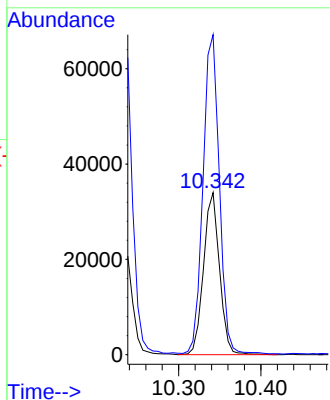
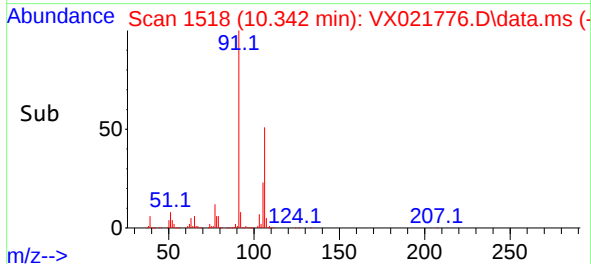
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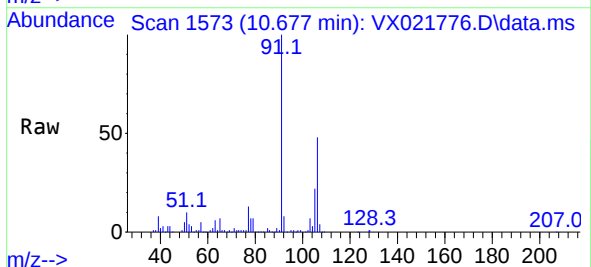
#68
m/p-Xylenes
Concen: 12.50 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



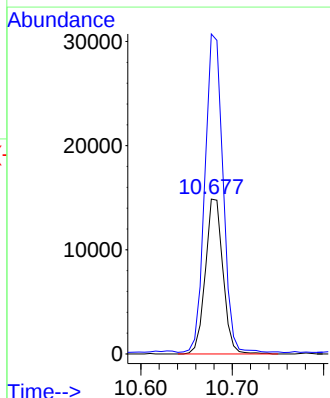
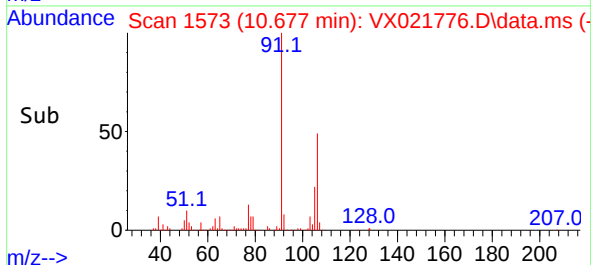
Tgt Ion:106 Resp: 45876
Ion Ratio Lower Upper
106 100
91 201.2 162.8 244.2



#69
o-Xylene
Concen: 5.60 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



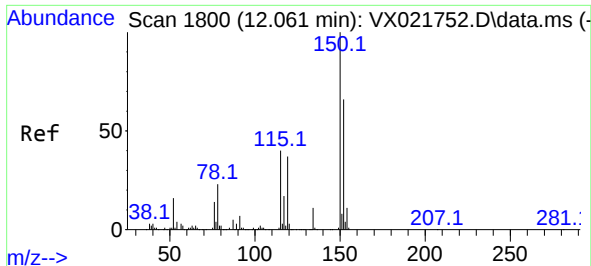
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Ion Ratio Lower Upper
106 100
91 210.7 108.1 324.2



Instrument :
MSVOA_X
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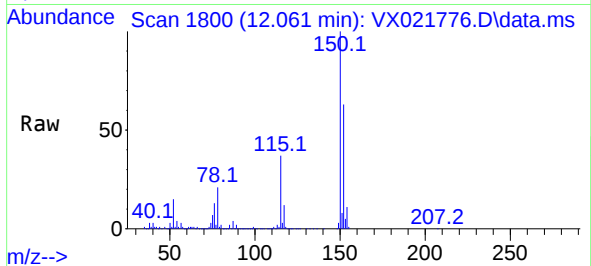
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

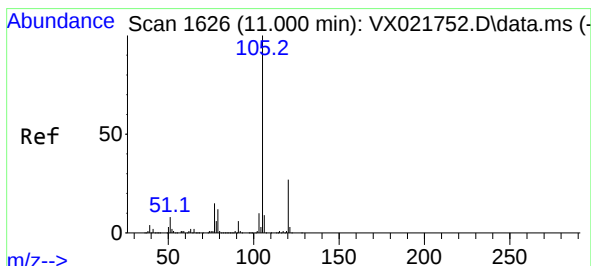
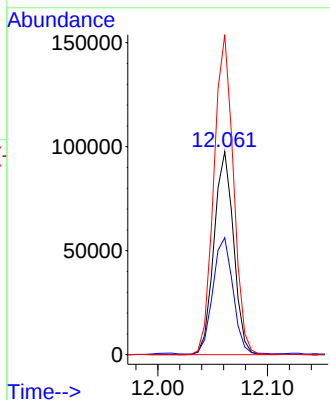
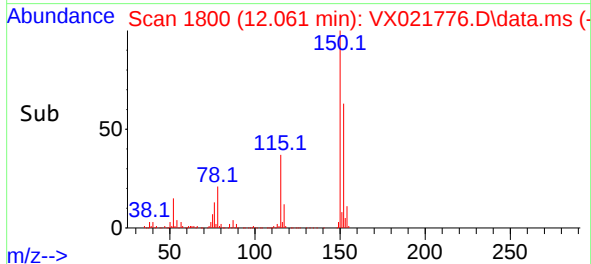
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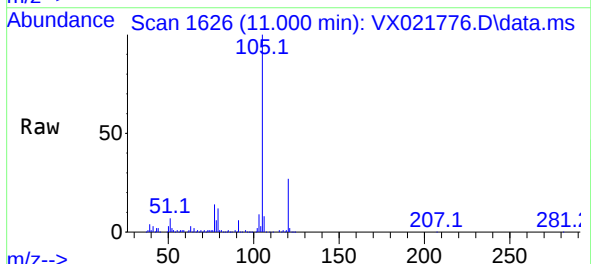
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Ion Ratio Lower Upper
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115 58.9 41.1 123.3
150 157.8 0.0 349.0

Manual Integrations
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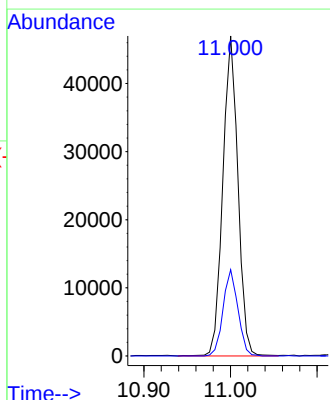
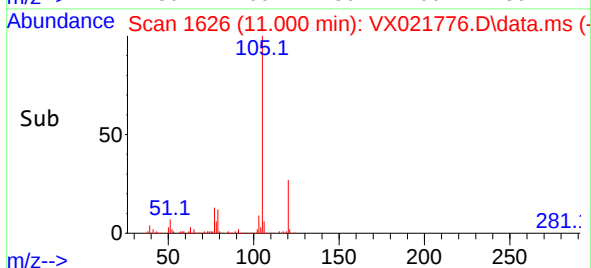
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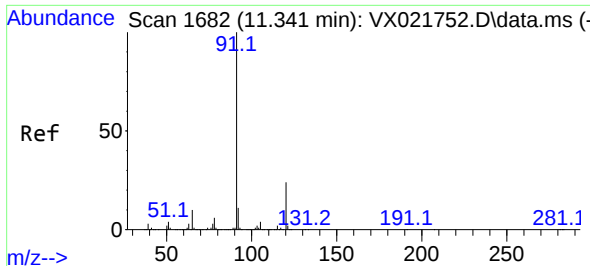


#73
Isopropylbenzene
Concen: 6.69 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



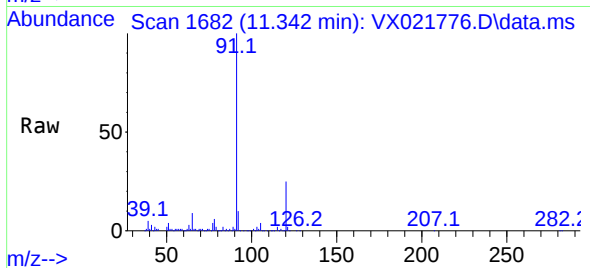
Tgt Ion:105 Resp: 56850
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6





#78
n-propylbenzene
Concen: 8.01 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

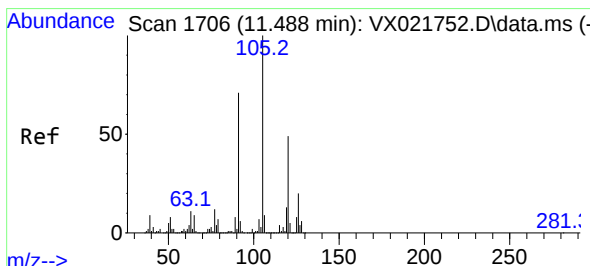
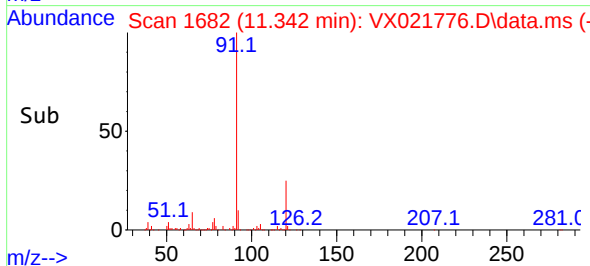
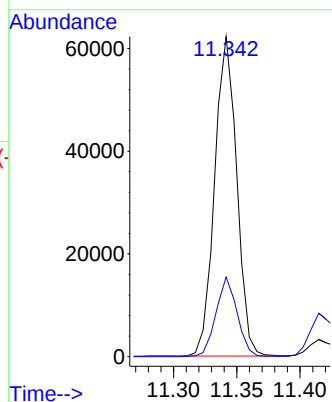
Instrument :
MSVOA_X
ClientSampled :
MW-10



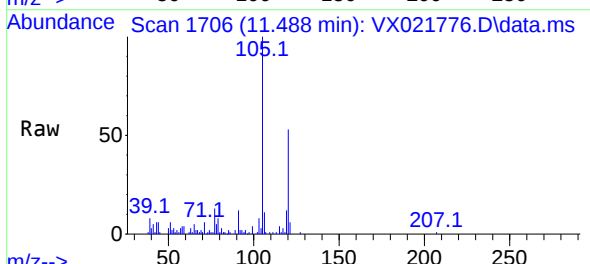
Tgt Ion: 91 Resp: 75266
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.5

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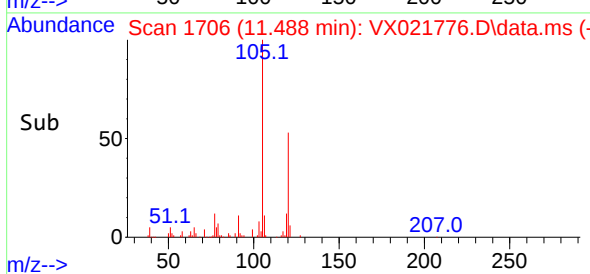
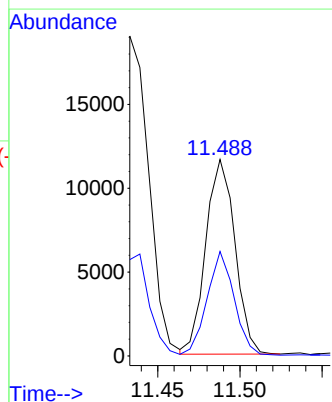
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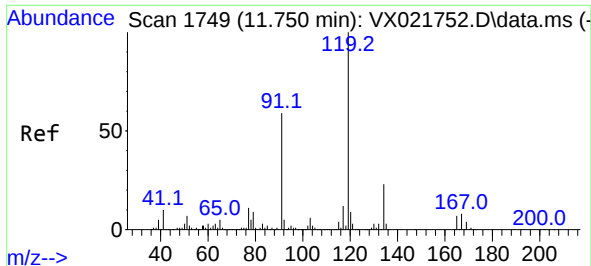


#80
1,3,5-Trimethylbenzene
Concen: 2.00 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

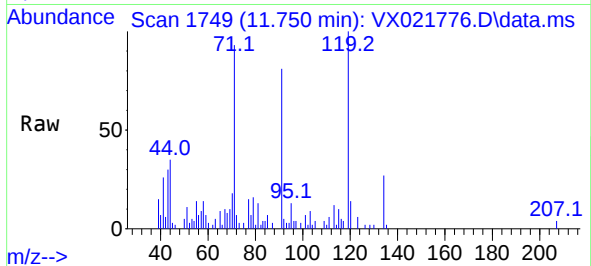


Tgt Ion: 105 Resp: 14357
Ion Ratio Lower Upper
105 100
120 49.2 23.8 71.5

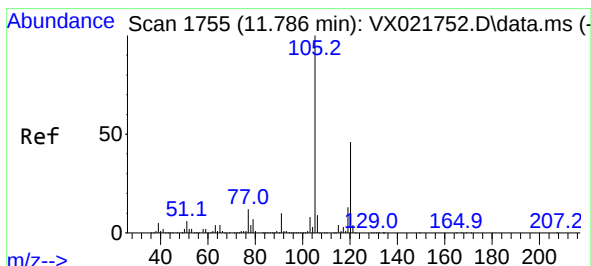
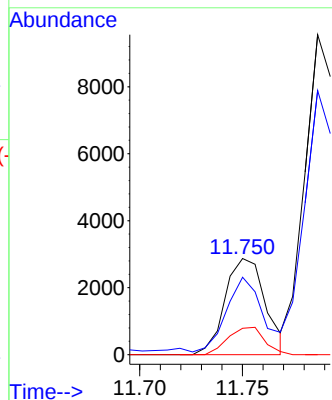
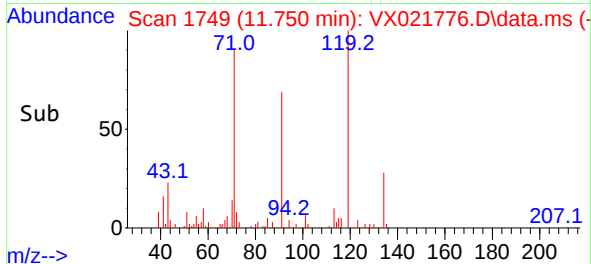




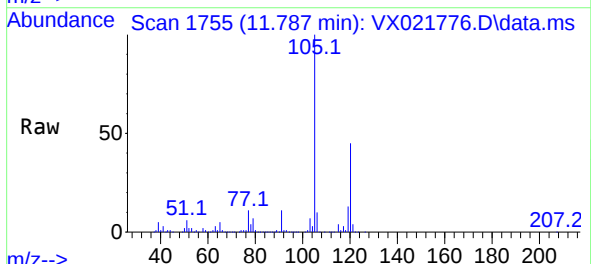
#83
tert-Butylbenzene
Concen: 0.55 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



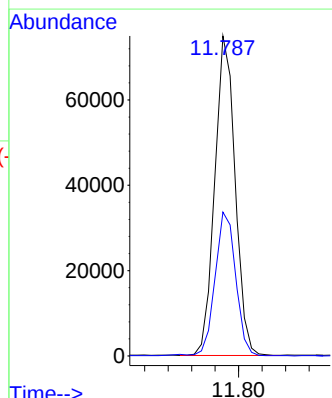
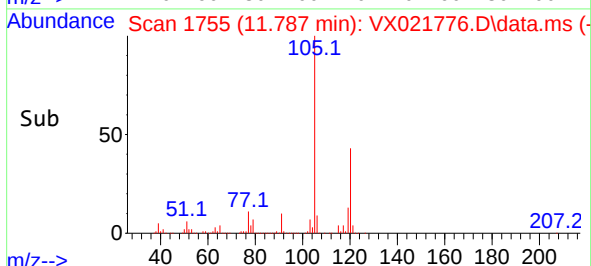
Tgt Ion:119 Resp: 3922
Ion Ratio Lower Upper
119 100
91 69.2 27.9 83.7
134 25.7 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 12.41 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09



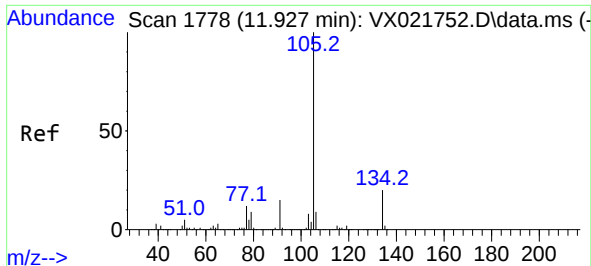
Tgt Ion:105 Resp: 90118
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.3



Instrument :
MSVOA_X
ClientSampled :
MW-10

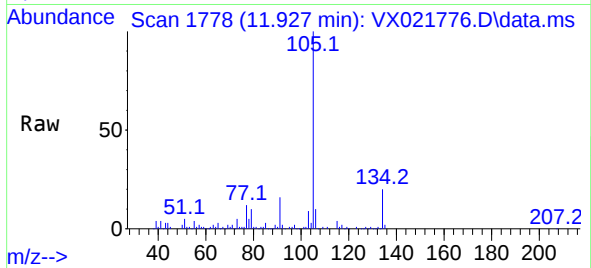
Manual Integrations
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#85
 sec-Butylbenzene
 Concen: 4.25 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX021776.D
 Acq: 21 Apr 2021 00:09

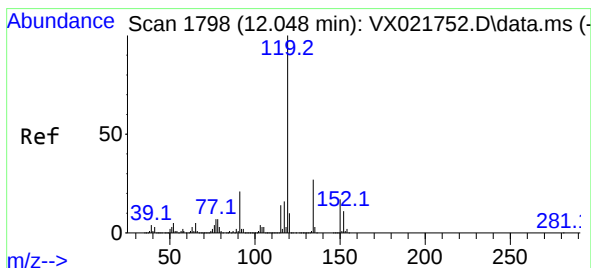
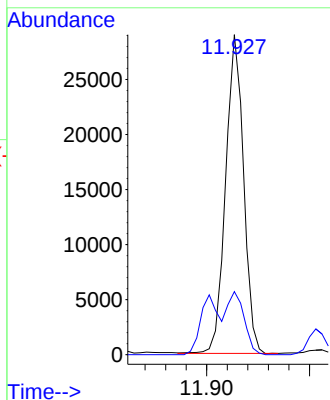
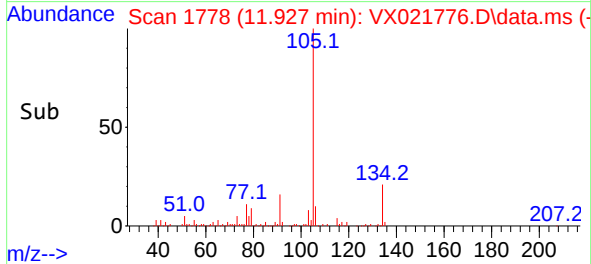
Instrument :
 MSVOA_X
 ClientSampled :
 MW-10



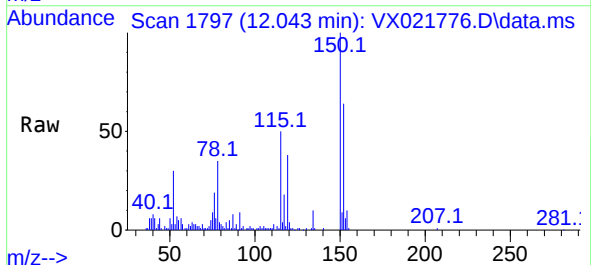
Tgt Ion:105 Resp: 34988
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.0 29.8

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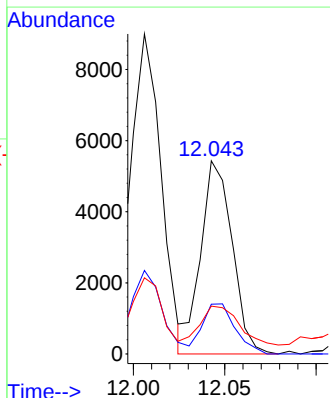
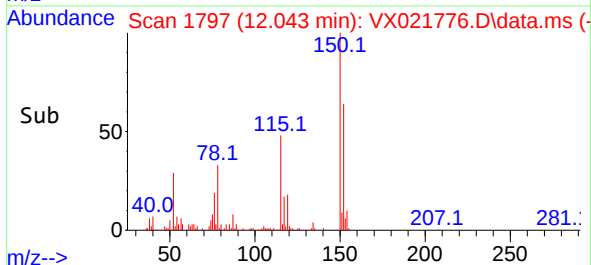
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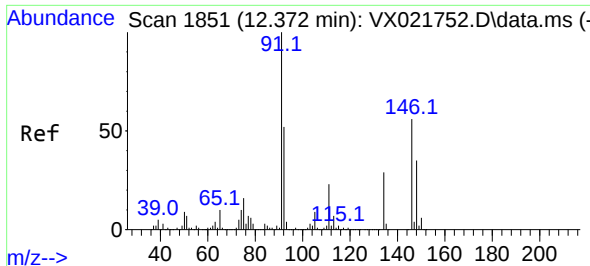


#86
 p-Isopropyltoluene
 Concen: 0.83 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. -0.005 min
 Lab File: VX021776.D
 Acq: 21 Apr 2021 00:09



Tgt Ion:119 Resp: 6504
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 30.6 11.7 35.0





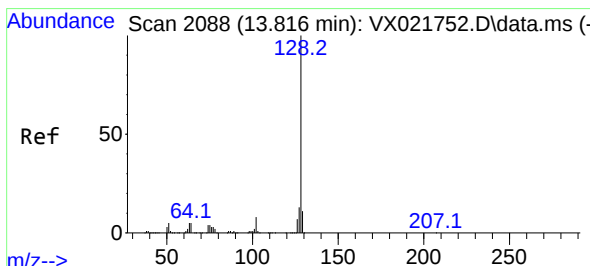
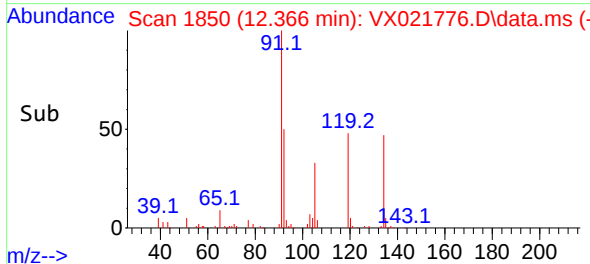
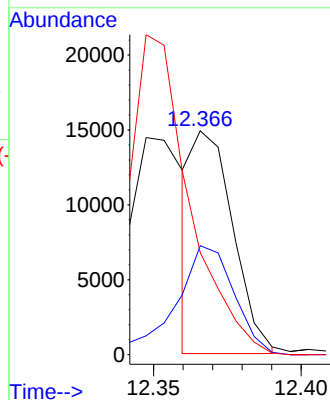
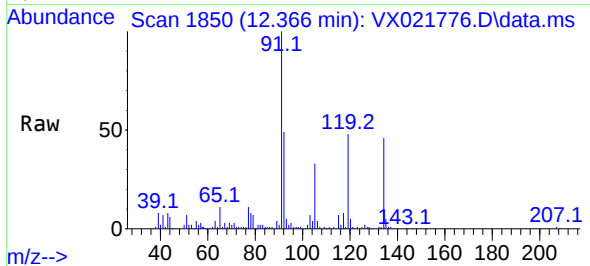
#89
n-Butylbenzene
Concen: 2.13 ug/l m
RT: 12.366 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

Tgt Ion:	91	Resp:	14059
Ion	Ratio	Lower	Upper
91	100		
92	71.9	27.4	82.0
134	215.4	13.2	39.5#

Instrument :
MSVOA_X
ClientSampled :
MW-10

Manual Integrations
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#95
Naphthalene
Concen: 5.66 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX021776.D
Acq: 21 Apr 2021 00:09

Tgt Ion:	128	Resp:	46187
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.3	15.5
129	18.7	8.8	13.2#

