

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021795.D
 Acq On : 21 Apr 2021 16:12
 Operator : JC/MD
 Sample : M2079-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

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 4/22/2021 12:11:46 PM

Quant Time: Apr 22 08:58:55 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	157856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	274499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	248249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	92452	51.63	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.26%			
35) Dibromofluoromethane	5.458	113	86404	49.22	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.44%			
50) Toluene-d8	8.695	98	329511	48.82	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.64%			
62) 4-Bromofluorobenzene	11.122	95	121204	48.09	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.18%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.007	59	1899	4.84	ug/l #	54
31) Cyclohexane	5.550	56	3315	1.32	ug/l	94
39) Methylcyclohexane	7.421	83	5034	1.60	ug/l #	32
67) Ethyl Benzene	10.232	91	69948	7.88	ug/l	100
68) m/p-Xylenes	10.341	106	2240	0.65	ug/l	99
69) o-Xylene	10.683	106	2478	0.75	ug/l	92
73) Isopropylbenzene	11.000	105	52302	6.14	ug/l	100
78) n-propylbenzene	11.341	91	65323	6.93	ug/l	99
83) tert-Butylbenzene	11.750	119	3834	0.53	ug/l	91
84) 1,2,4-Trimethylbenzene	11.792	105	22946	3.15	ug/l	100
85) sec-Butylbenzene	11.927	105	33436	4.05	ug/l	99
86) p-Isopropyltoluene	12.048	119	5962	0.76	ug/l	97
89) n-Butylbenzene	12.365	91	13662m	2.06	ug/l	
95) Naphthalene	13.816	128	9553	1.17	ug/l #	76

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

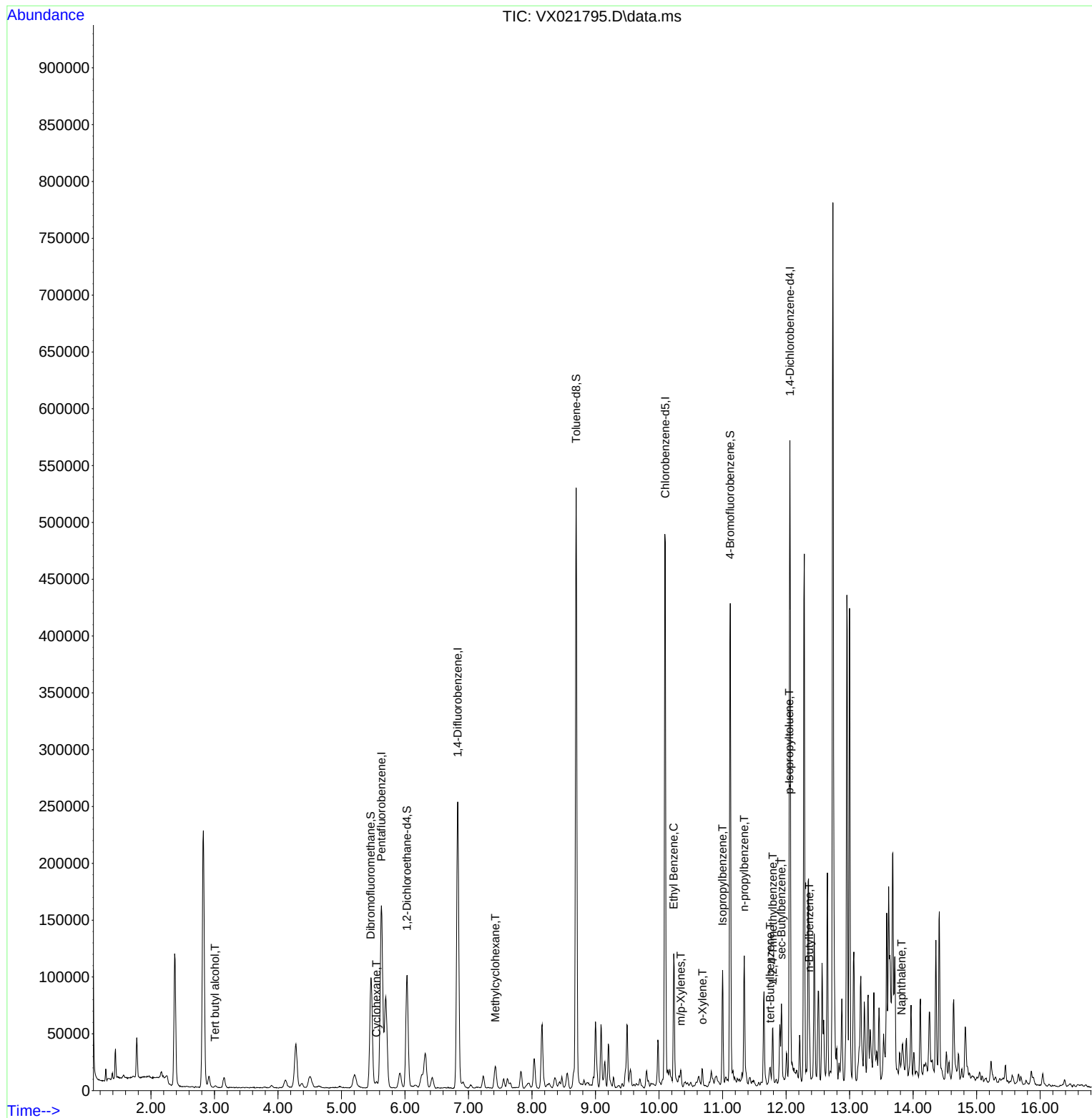
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
Data File : VX021795.D
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Operator : JC/MD
Sample : M2079-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

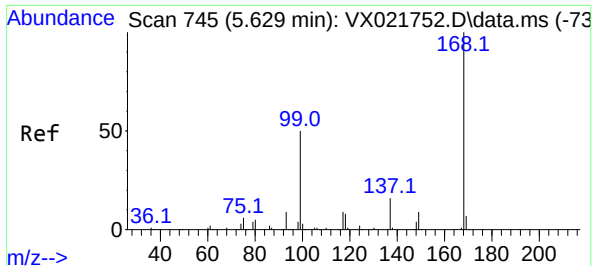
Instrument :
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Quant Time: Apr 22 08:58:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration





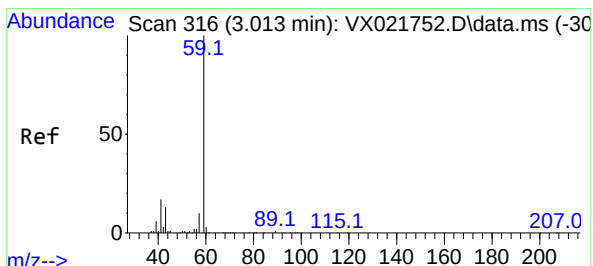
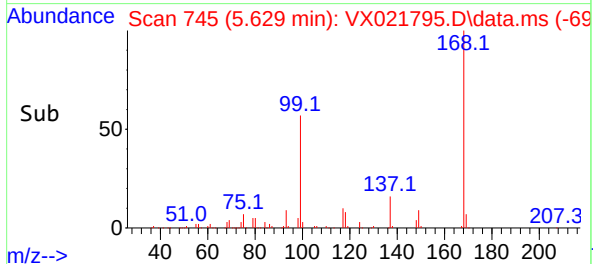
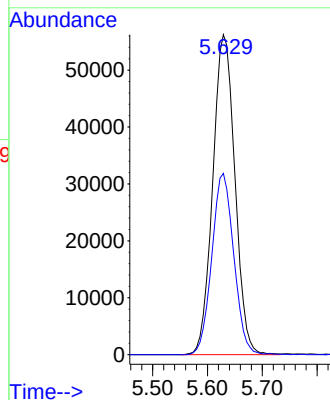
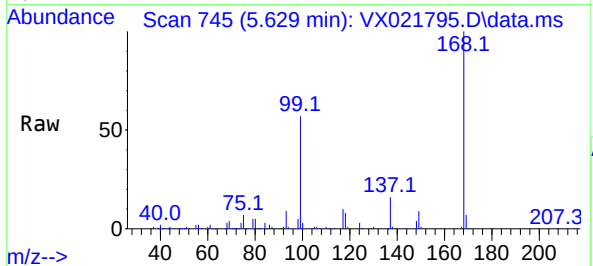
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 168 Resp: 157856
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6

Instrument :
MSVOA_X
ClientSampled :
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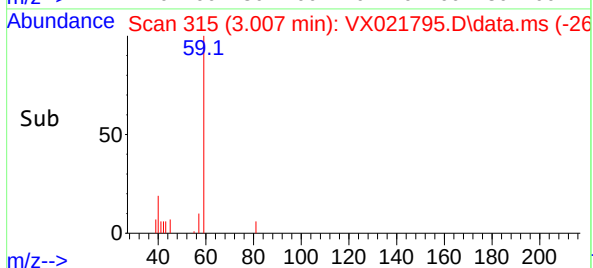
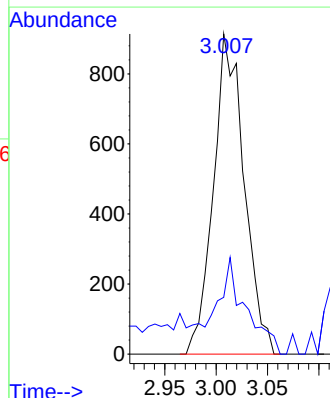
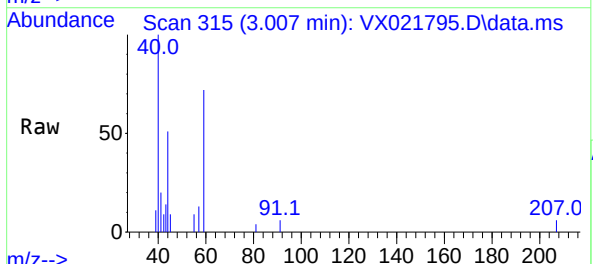
Manual Integrations
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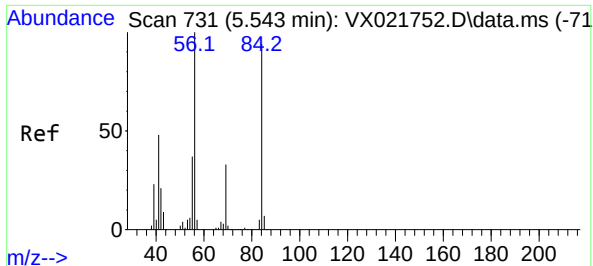
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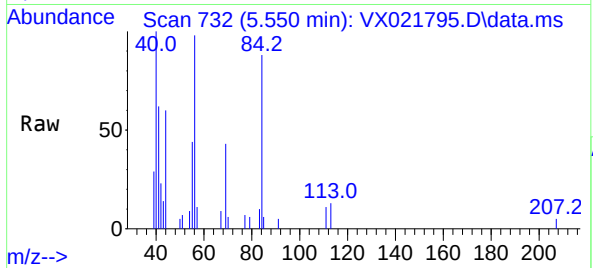
#11
Tert butyl alcohol
Concen: 4.84 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 59 Resp: 1899
Ion Ratio Lower Upper
59 100
57 26.6 7.8 11.8#

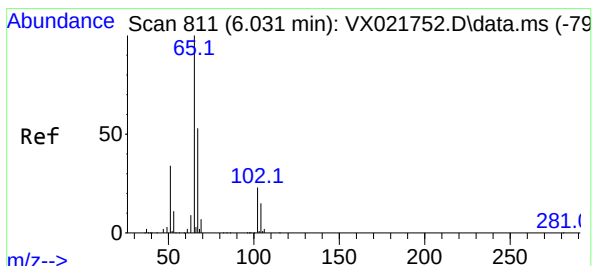
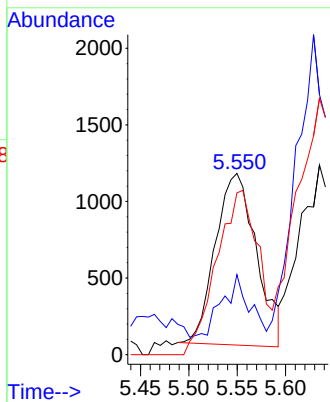
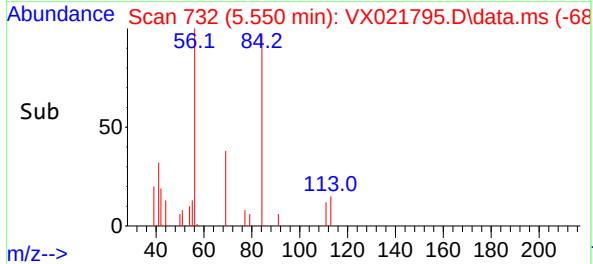




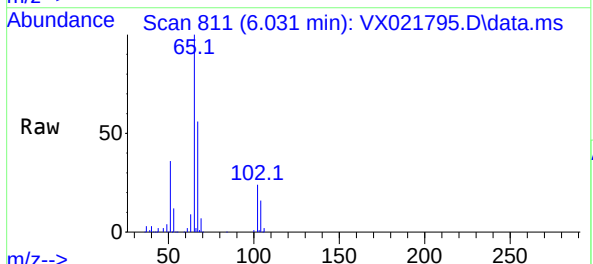
#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.007 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



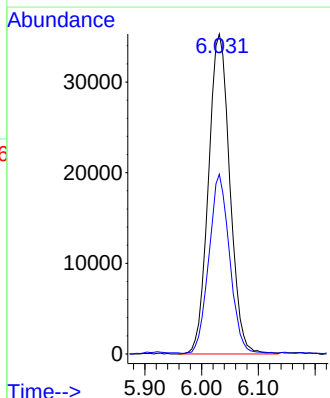
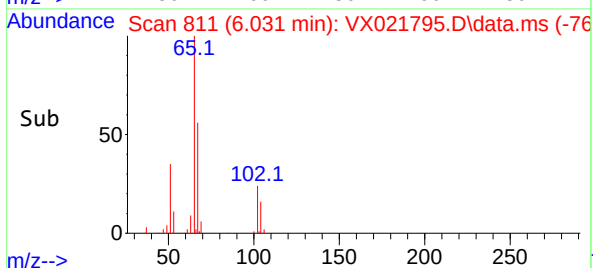
Tgt Ion: 56 Resp: 3315
Ion Ratio Lower Upper
56 100
69 29.4 25.3 37.9
84 95.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.63 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



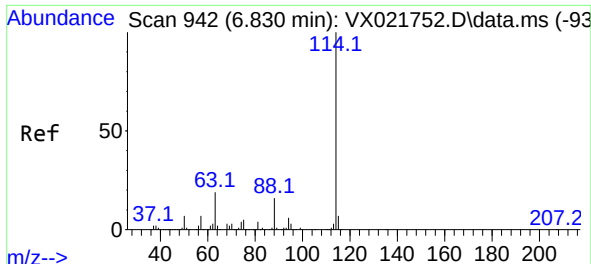
Tgt Ion: 65 Resp: 92452
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4



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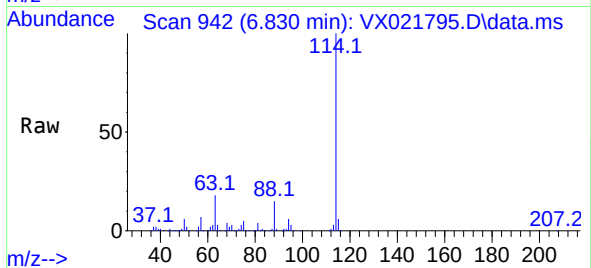
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

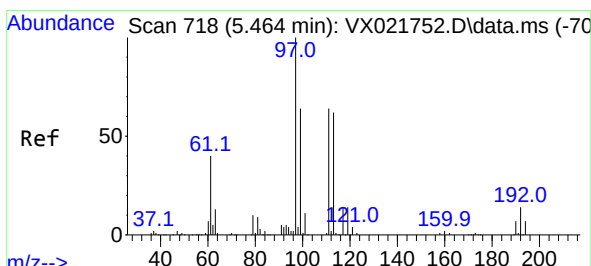
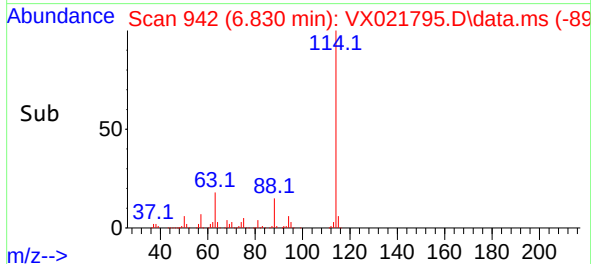
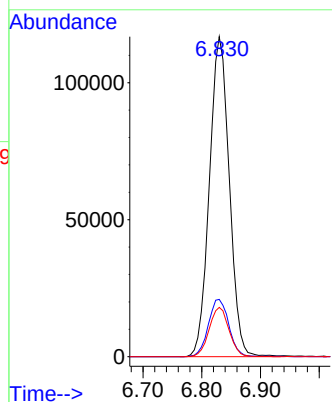
Instrument :
MSVOA_X
ClientSampled :
MW-10



Tgt Ion:114 Resp: 274499
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 15.4 0.0 32.8

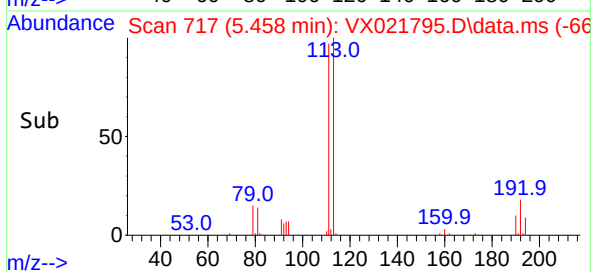
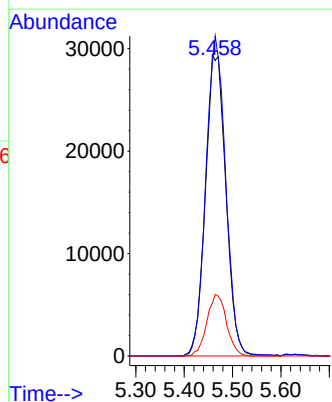
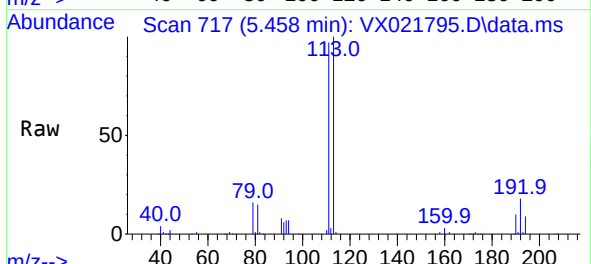
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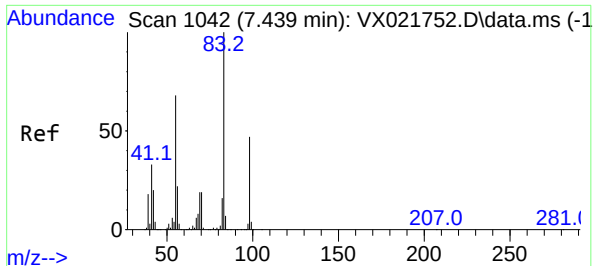
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#35
Dibromofluoromethane
Concen: 49.22 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion:113 Resp: 86404
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1





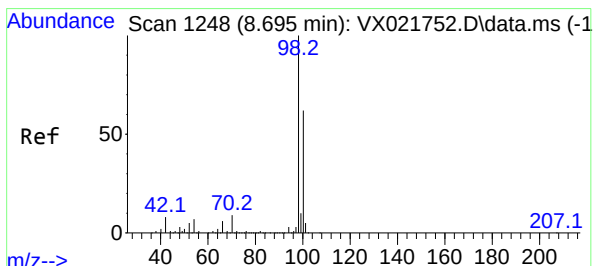
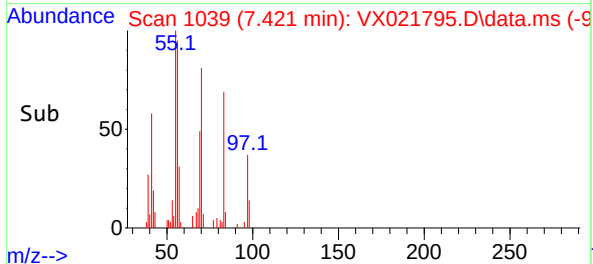
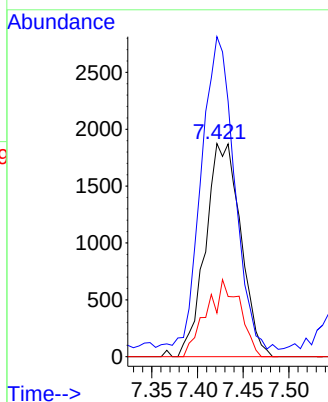
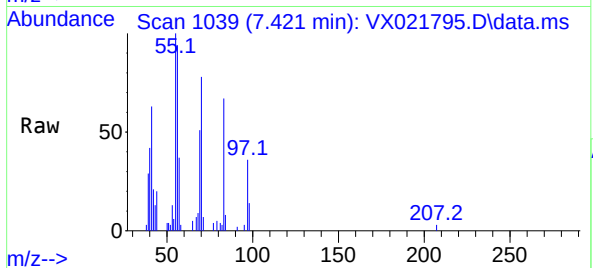
#39
Methylcyclohexane
Concen: 1.60 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.018 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 83 Resp: 5034
Ion Ratio Lower Upper
83 100
55 146.6 58.9 88.3#
98 20.5 38.1 57.1#

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MSVOA_X
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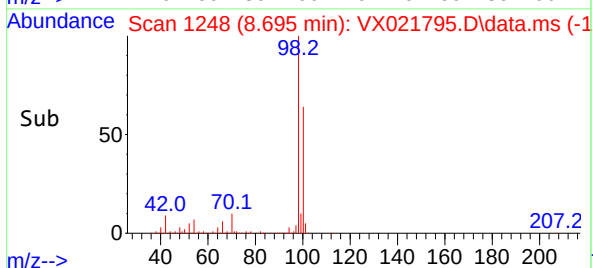
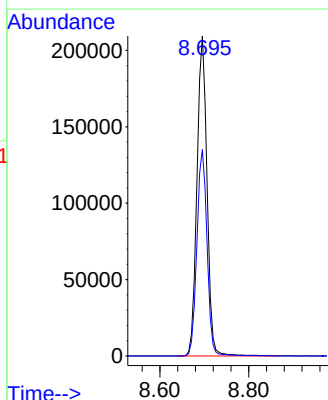
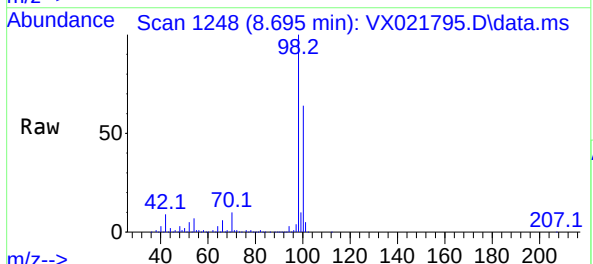
Manual Integrations
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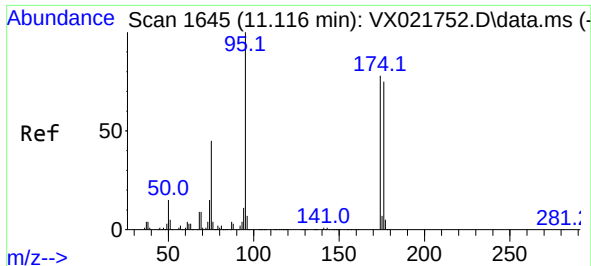
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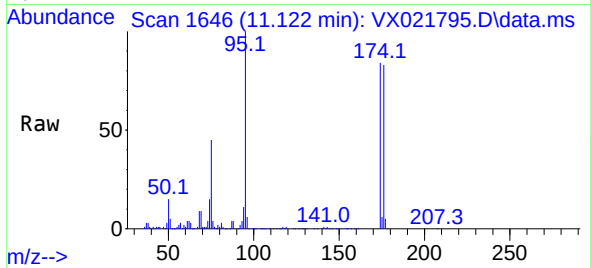
#50
Toluene-d8
Concen: 48.82 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 98 Resp: 329511
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

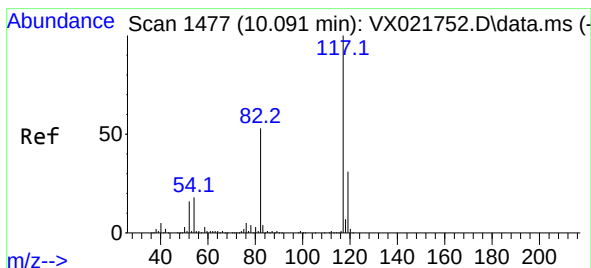
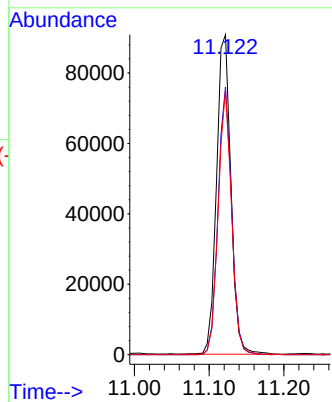
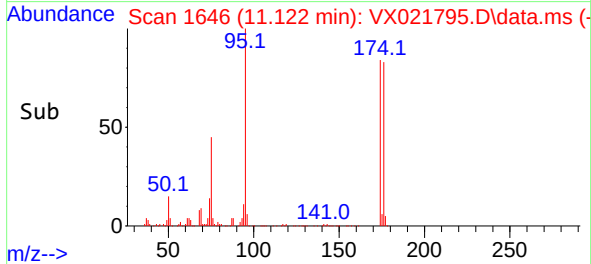




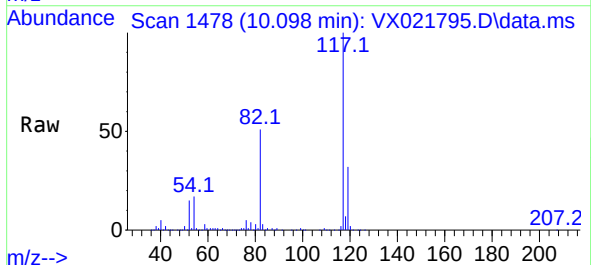
#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



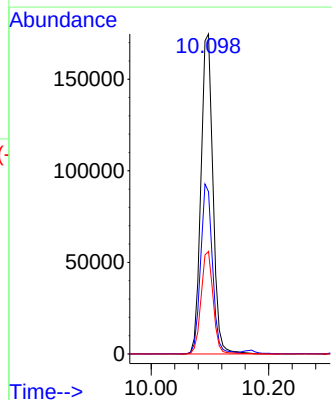
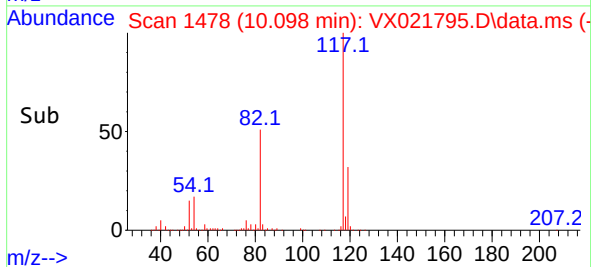
Tgt Ion: 95 Resp: 121204
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



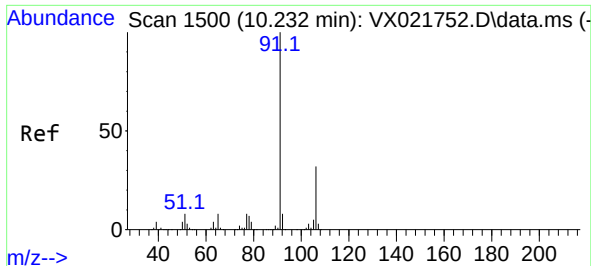
Tgt Ion: 117 Resp: 248249
Ion Ratio Lower Upper
117 100
82 50.6 47.4 71.2
119 32.1 26.6 39.8



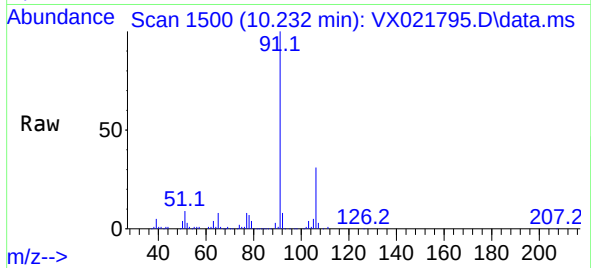
Instrument :
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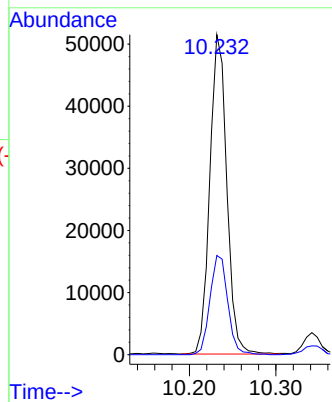
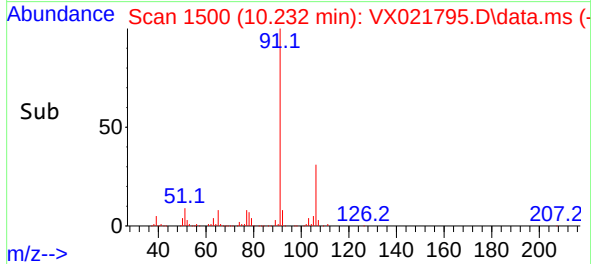
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#67
Ethyl Benzene
Concen: 7.88 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



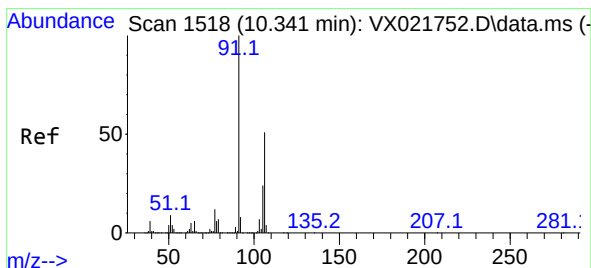
Tgt Ion: 91 Resp: 69948
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



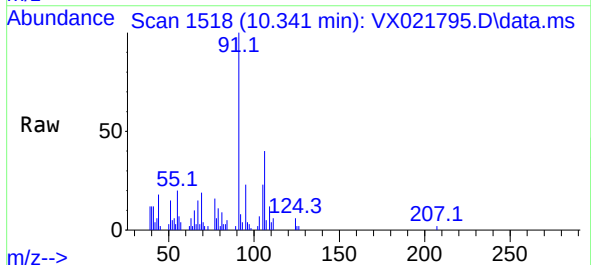
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MW-10

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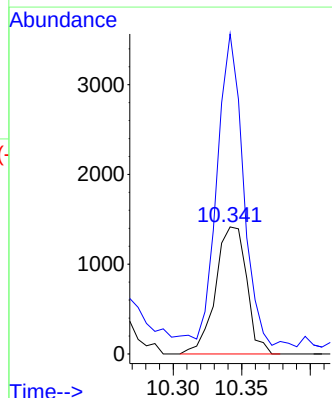
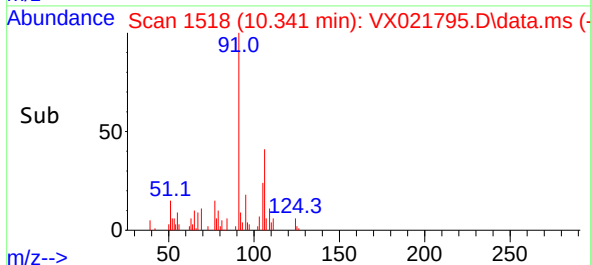
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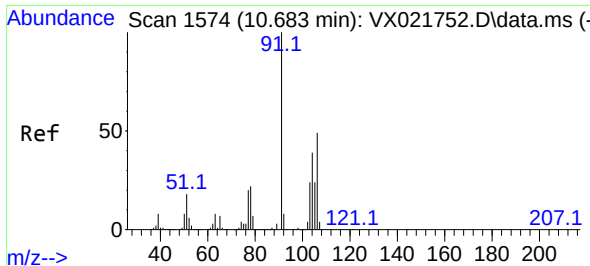


#68
m/p-Xylenes
Concen: 0.65 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

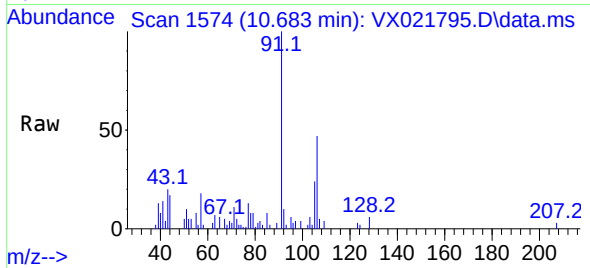


Tgt Ion: 106 Resp: 2240
Ion Ratio Lower Upper
106 100
91 202.7 162.8 244.2

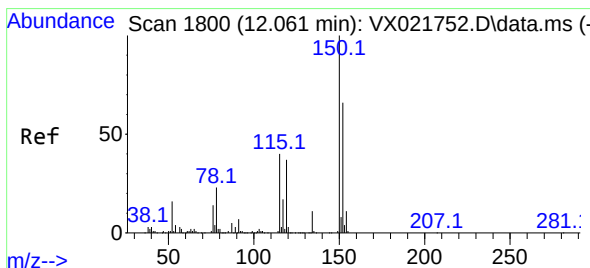
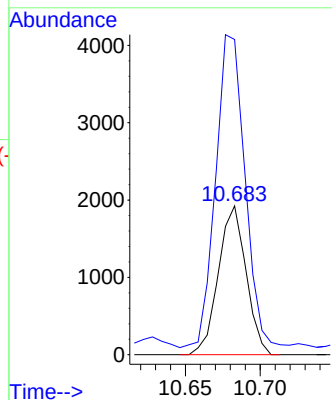
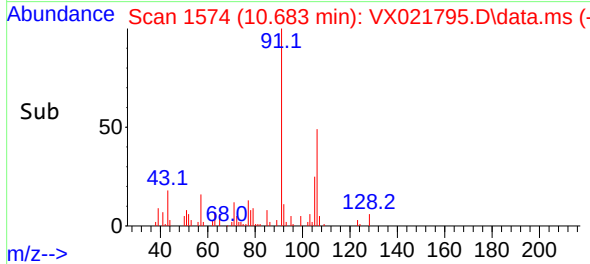




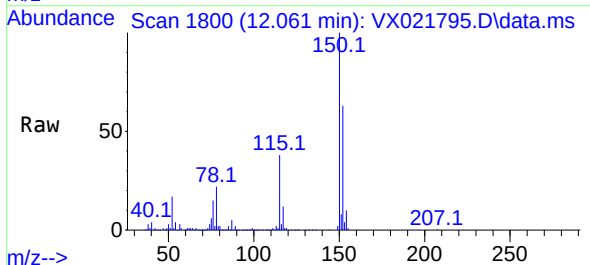
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o-Xylene
Concen: 0.75 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



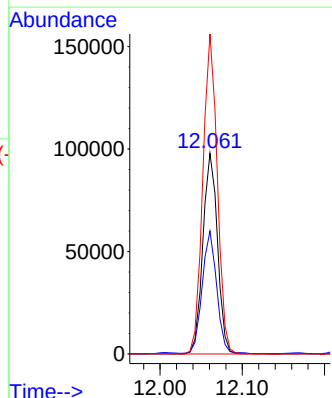
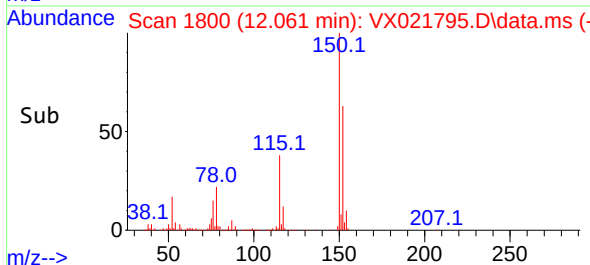
Tgt Ion:106 Resp: 2478
Ion Ratio Lower Upper
106 100
91 228.5 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



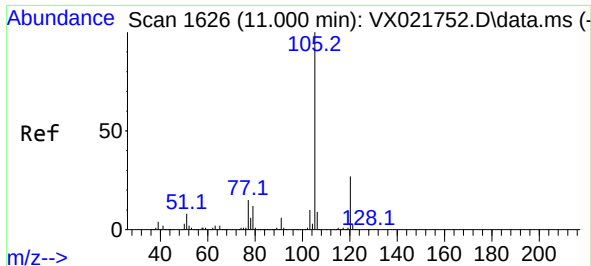
Tgt Ion:152 Resp: 121436
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 157.5 0.0 349.0



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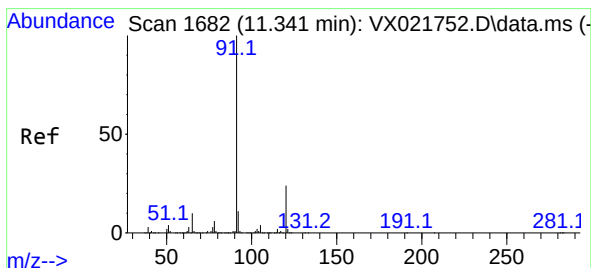
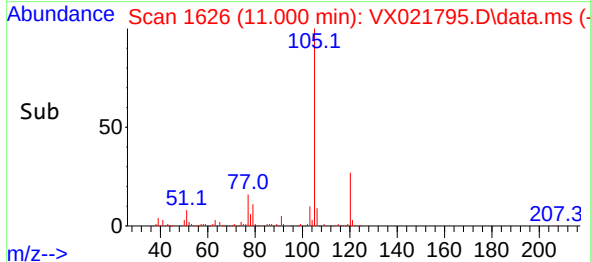
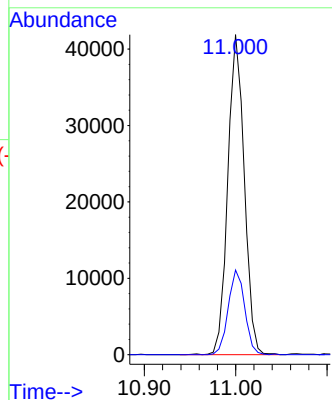
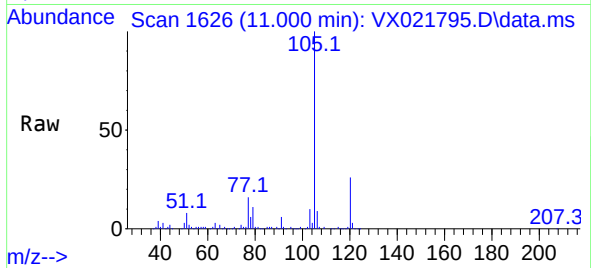
#73
Isopropylbenzene
Concen: 6.14 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 105 Resp: 52302
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

Instrument :
MSVOA_X
ClientSampled :
MW-10

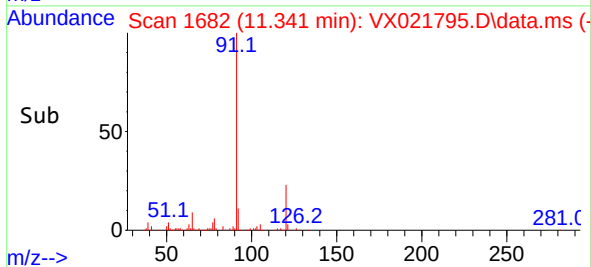
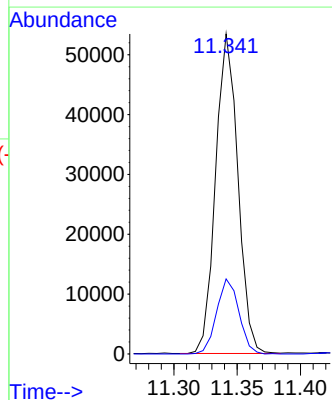
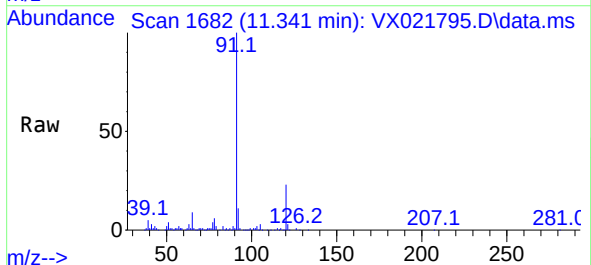
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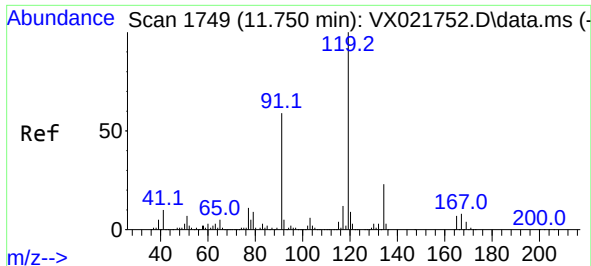
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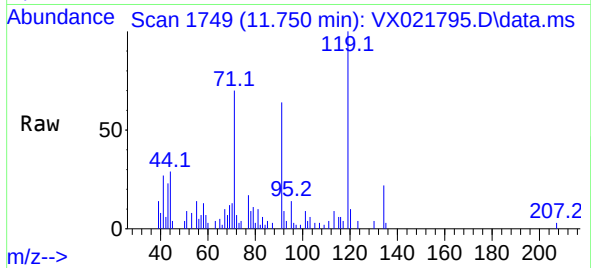
#78
n-propylbenzene
Concen: 6.93 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 91 Resp: 65323
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

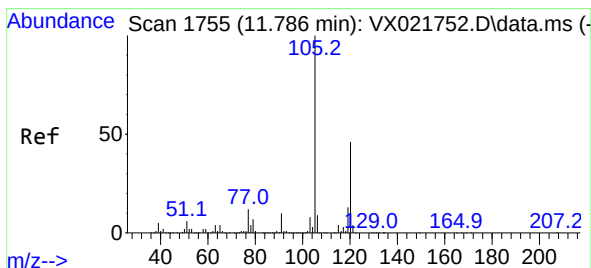
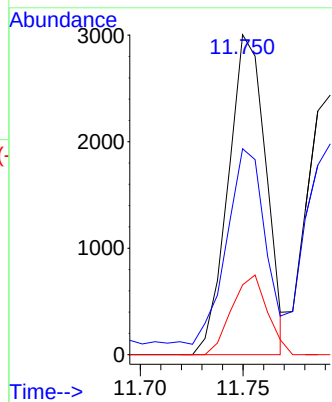
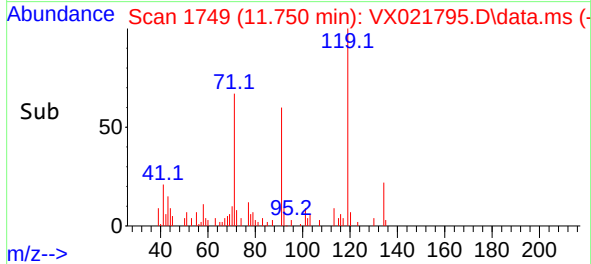




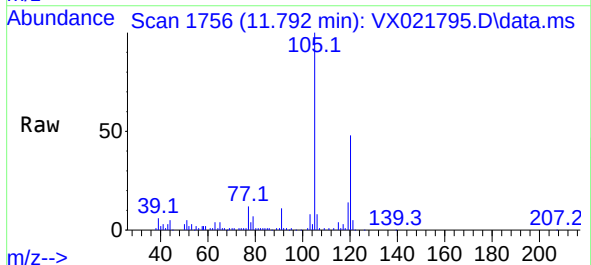
#83
tert-Butylbenzene
Concen: 0.53 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



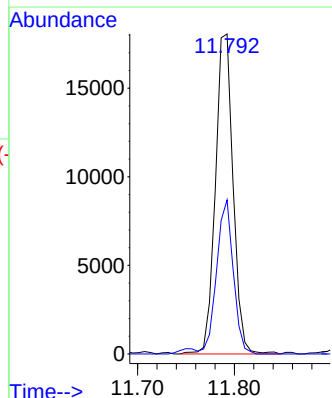
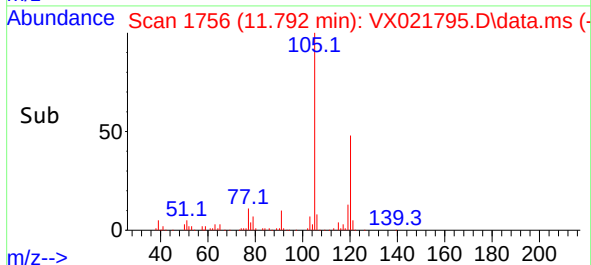
Tgt Ion:119 Resp: 3834
Ion Ratio Lower Upper
119 100
91 64.2 27.9 83.7
134 23.4 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 3.15 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12



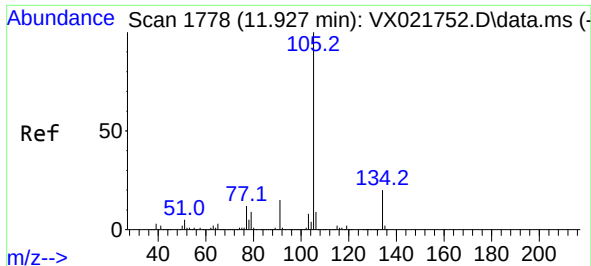
Tgt Ion:105 Resp: 22946
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3



Instrument :
MSVOA_X
ClientSampled :
MW-10

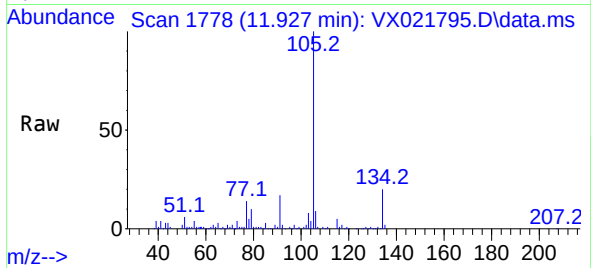
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#85
 sec-Butylbenzene
 Concen: 4.05 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX021795.D
 Acq: 21 Apr 2021 16:12

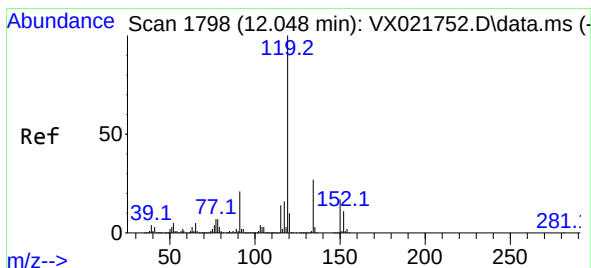
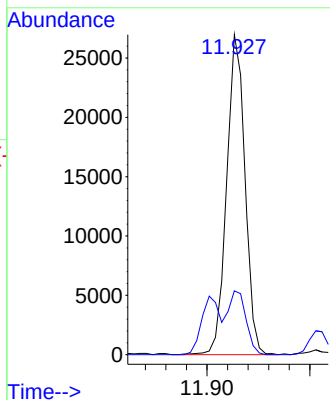
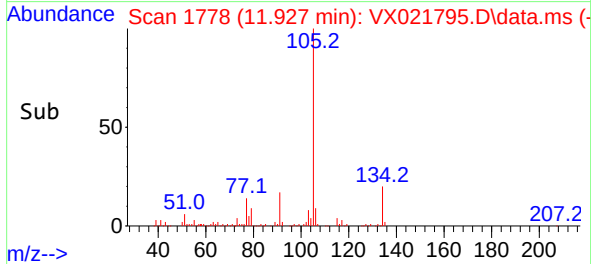
Instrument :
 MSVOA_X
 ClientSampled :
 MW-10



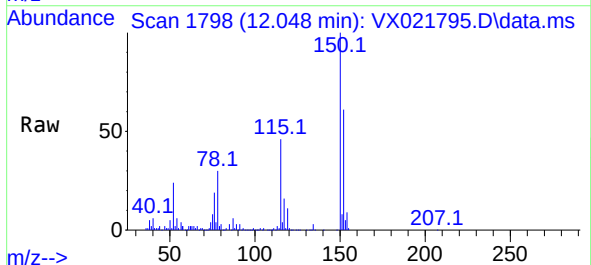
Tgt Ion:105 Resp: 33436
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8

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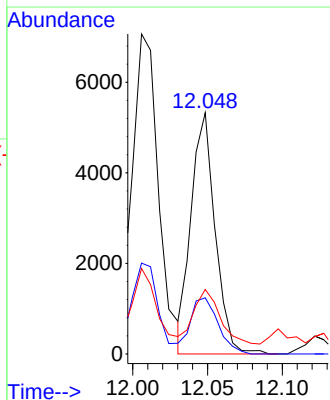
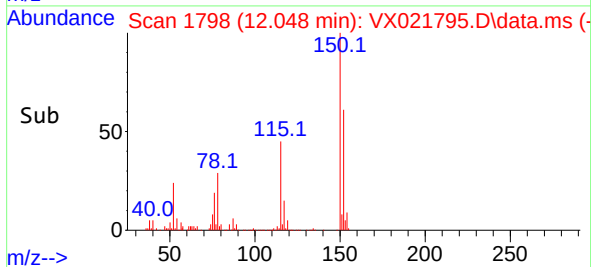
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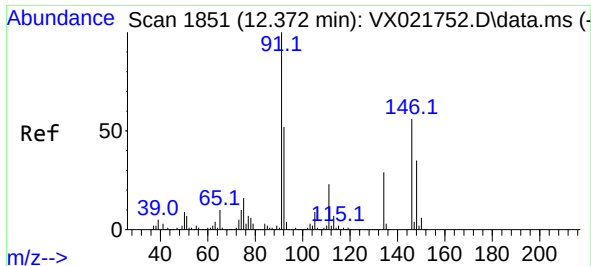


#86
 p-Isopropyltoluene
 Concen: 0.76 ug/l
 RT: 12.048 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: VX021795.D
 Acq: 21 Apr 2021 16:12



Tgt Ion:119 Resp: 5962
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 25.5 11.7 35.0





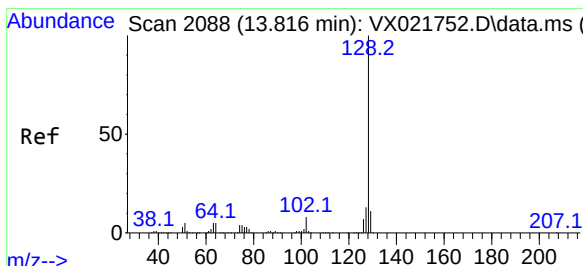
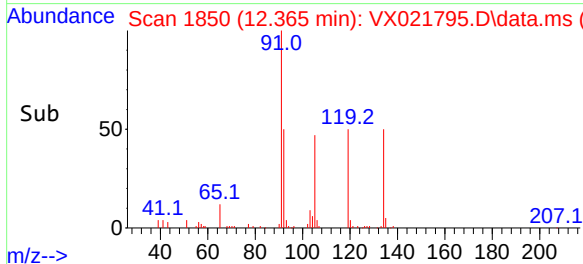
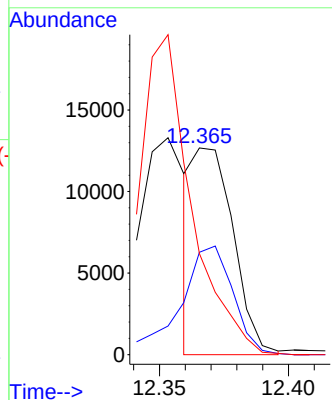
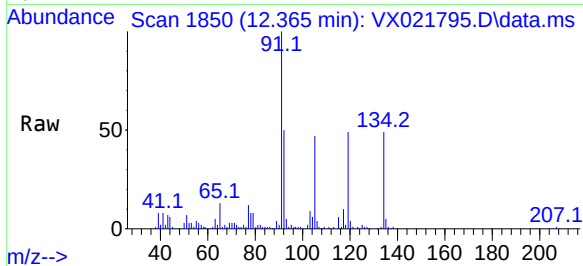
#89
n-Butylbenzene
Concen: 2.06 ug/l m
RT: 12.365 min Scan# 1850
Delta R.T. -0.007 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 91 Resp: 13662
Ion Ratio Lower Upper
91 100
92 69.9 27.4 82.0
134 198.7 13.2 39.5#

Instrument :
MSVOA_X
ClientSampled :
MW-10

Manual Integrations
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#95
Naphthalene
Concen: 1.17 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX021795.D
Acq: 21 Apr 2021 16:12

Tgt Ion: 128 Resp: 9553
Ion Ratio Lower Upper
128 100
127 21.1 10.3 15.5#
129 0.0 8.8 13.2#

