

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023010.D
 Acq On : 29 Jun 2021 17:53
 Operator : JC/MD
 Sample : M2875-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Manual Integrations
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Quant Time: Jun 30 01:45:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62729	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	124944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	110151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57473	50.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.98%			
35) Dibromofluoromethane	5.397	113	38159	48.09	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.18%			
50) Toluene-d8	8.653	98	160913	51.75	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.50%			
62) 4-Bromofluorobenzene	11.085	95	60479	52.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	3011	12.69	ug/l	# 73
16) Acetone	2.385	43	8311	16.47	ug/l	# 87
25) 2-Butanone	4.574	43	4529	5.77	ug/l	# 75
27) cis-1,2-Dichloroethene	4.495	96	1339	1.34	ug/l	94
31) Cyclohexane	5.482	56	61840	38.48	ug/l	# 90
39) Methylcyclohexane	7.391	83	72446	46.80	ug/l	91
40) Benzene	6.049	78	712994	186.32	ug/l	100
52) Toluene	8.726	92	45364	19.61	ug/l	99
64) Tetrachloroethene	9.281	164	257	0.33	ug/l	# 78
67) Ethyl Benzene	10.201	91	1000962	234.33	ug/l	98
68) m/p-Xylenes	10.311	106	1591246	1003.12	ug/l	90
69) o-Xylene	10.646	106	204875	132.70	ug/l	90
73) Isopropylbenzene	10.963	105	133613	33.98	ug/l	97
78) n-propylbenzene	11.305	91	273186	57.41	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	432231	133.86	ug/l	96
83) tert-Butylbenzene	11.719	119	3028m	0.99	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	1688940	519.68	ug/l	97
85) sec-Butylbenzene	11.896	105	20929m	5.09	ug/l	
86) p-Isopropyltoluene	12.012	119	7392	2.26	ug/l	# 76
89) n-Butylbenzene	12.329	91	64548	20.77	ug/l	# 39

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

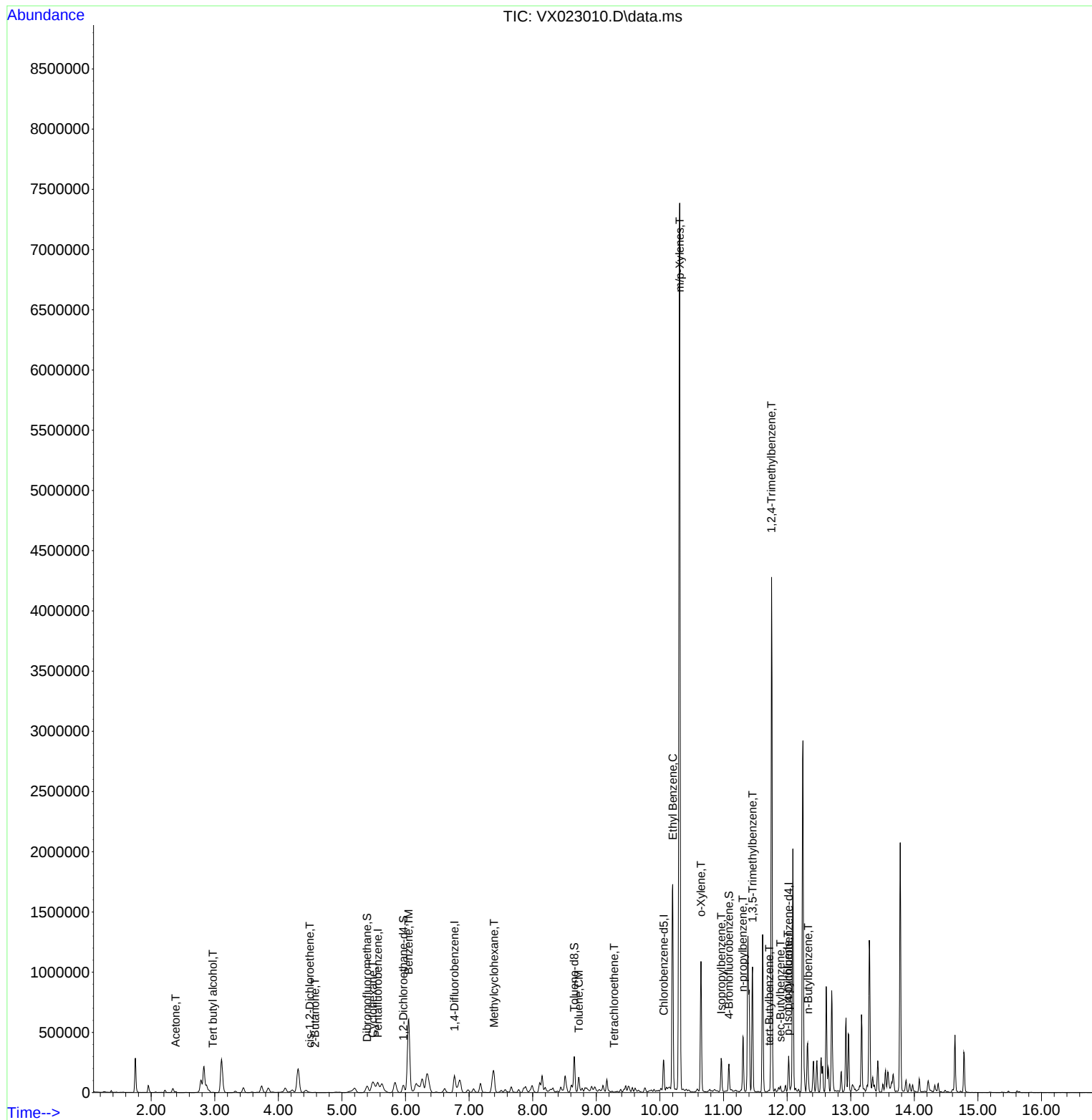
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

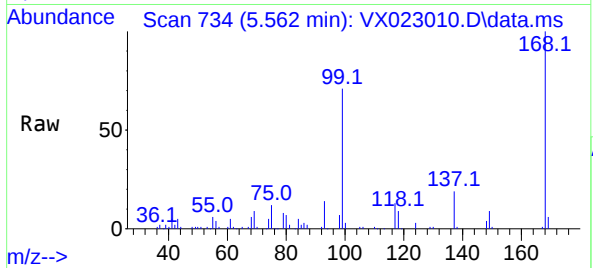
Manual Integrations
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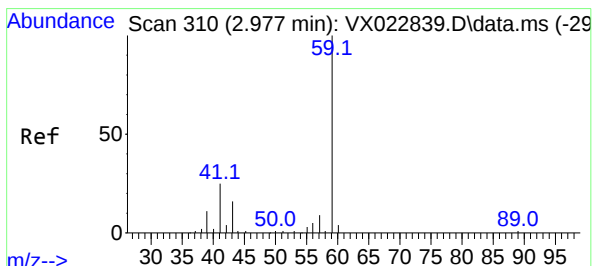
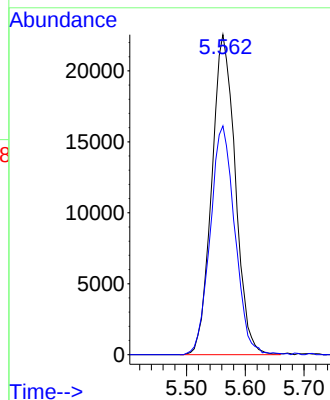
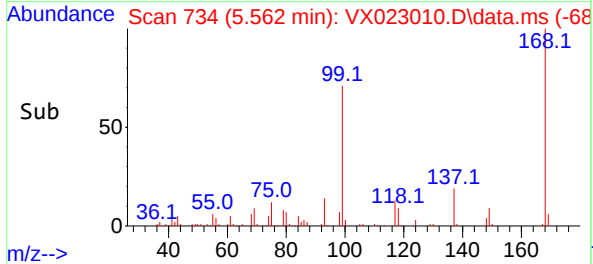




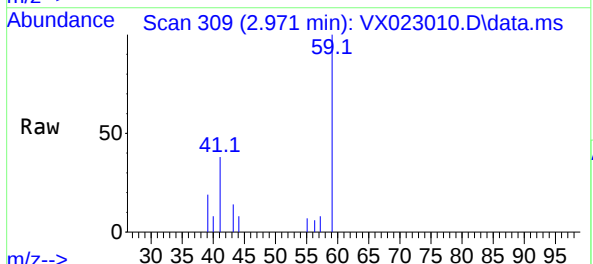
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



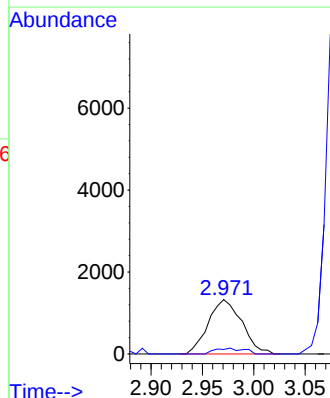
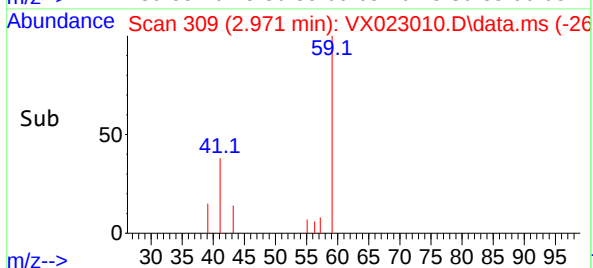
Tgt Ion: 168 Resp: 62729
Ion Ratio Lower Upper
168 100
99 71.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 12.69 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



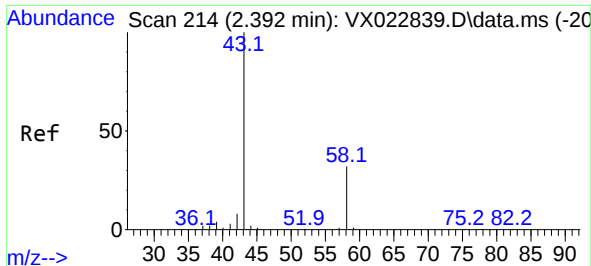
Tgt Ion: 59 Resp: 3011
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



Instrument :
MSVOA_X
ClientSampled :
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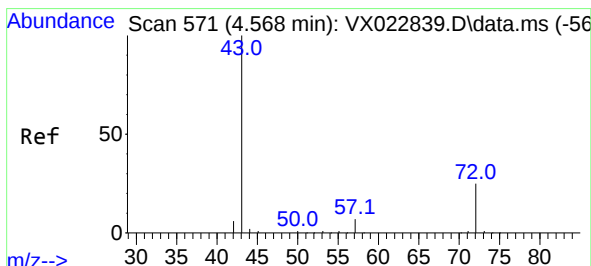
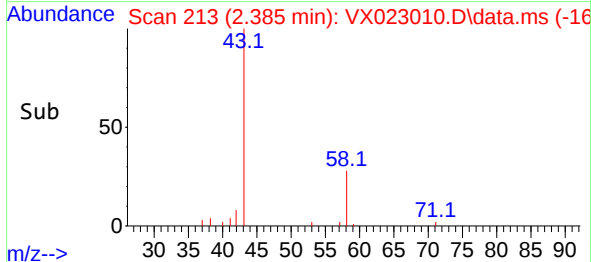
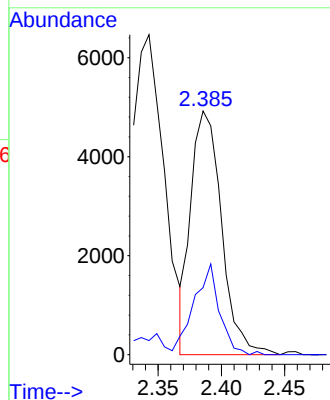
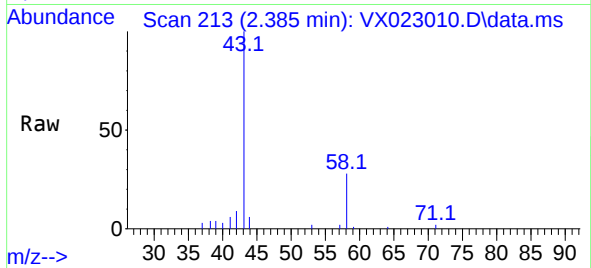
#16
Acetone
Concen: 16.47 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 43 Resp: 8311
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#

Instrument :
MSVOA_X
ClientSampleId :
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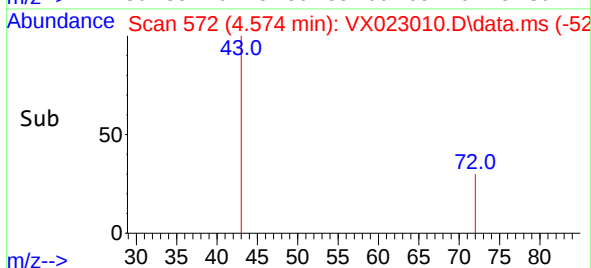
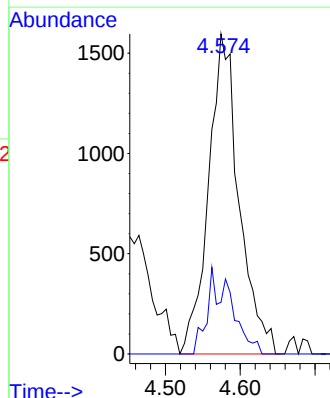
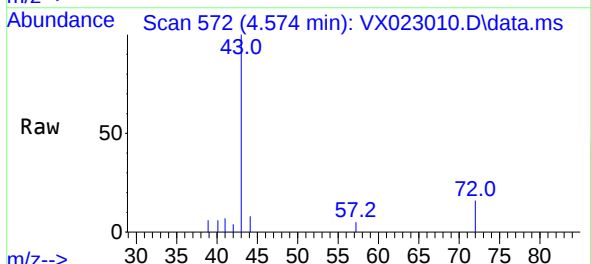
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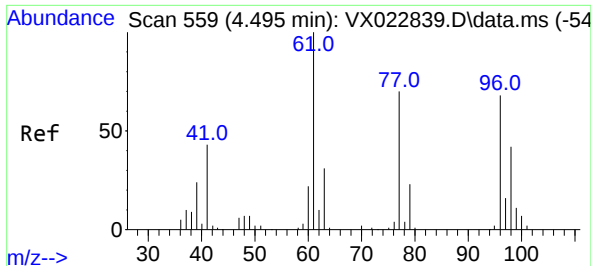
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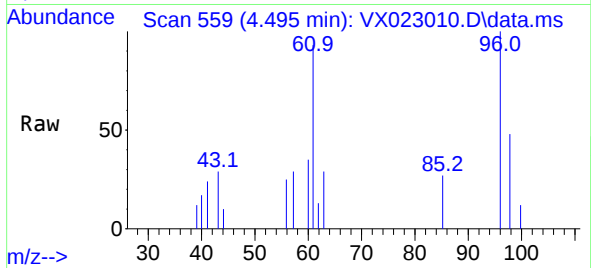
#25
2-Butanone
Concen: 5.77 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 43 Resp: 4529
Ion Ratio Lower Upper
43 100
72 16.2 23.7 35.5#

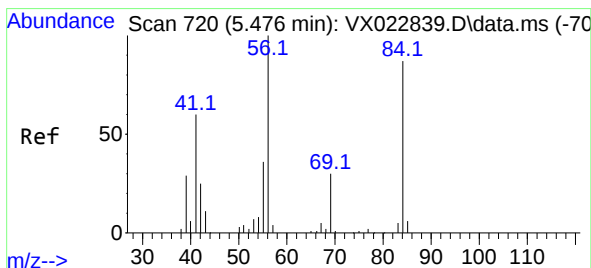
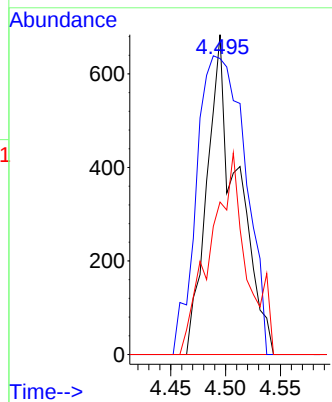
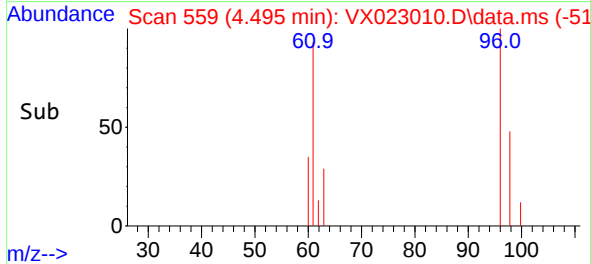




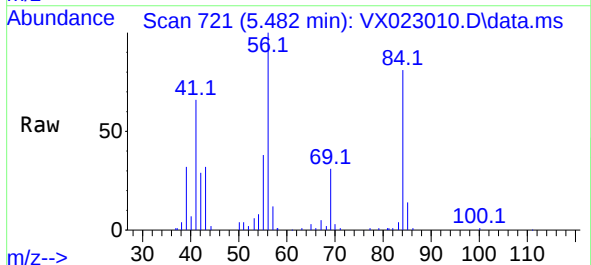
#27
cis-1,2-Dichloroethene
Concen: 1.34 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



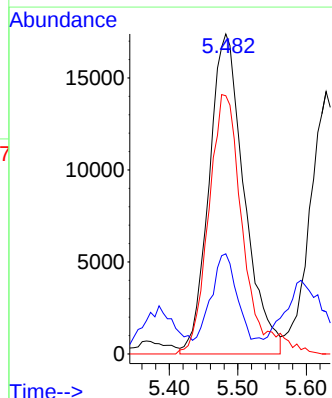
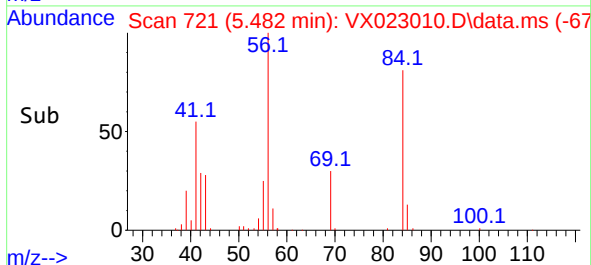
Tgt Ion: 96 Resp: 1339
Ion Ratio Lower Upper
96 100
61 146.8 0.0 285.6
98 73.9 0.0 129.6



#31
Cyclohexane
Concen: 38.48 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



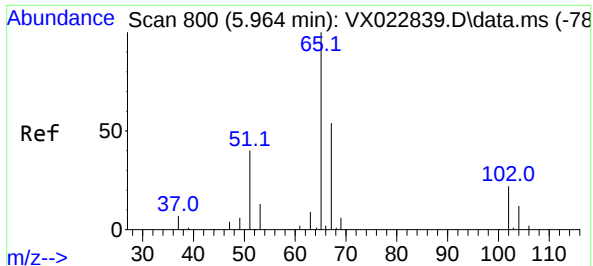
Tgt Ion: 56 Resp: 61840
Ion Ratio Lower Upper
56 100
69 25.1 25.3 37.9#
84 80.9 71.4 107.0



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#33

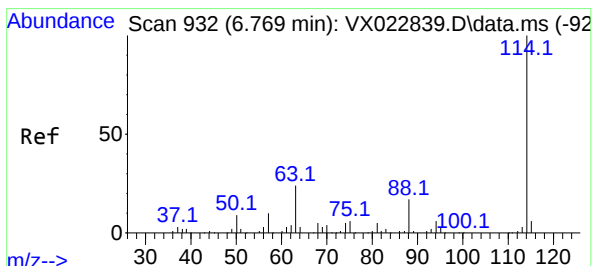
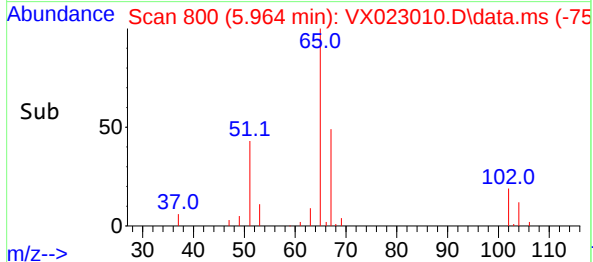
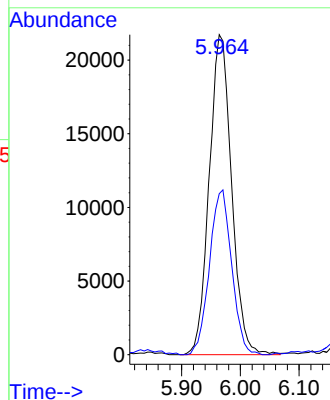
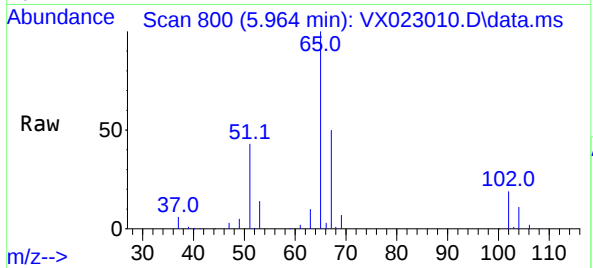
1,2-Dichloroethane-d4
Concen: 50.49 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 65 Resp: 57473
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

Instrument :
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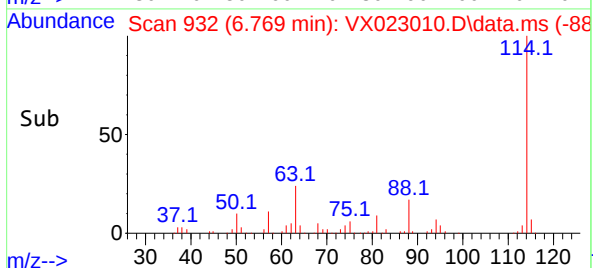
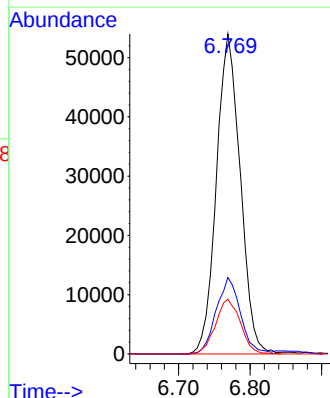
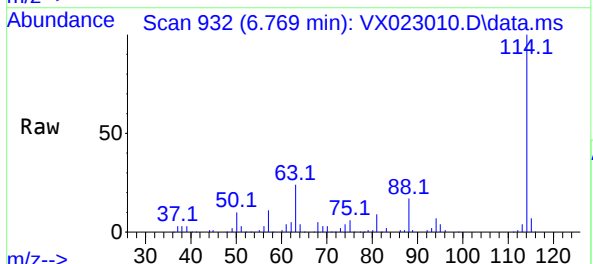
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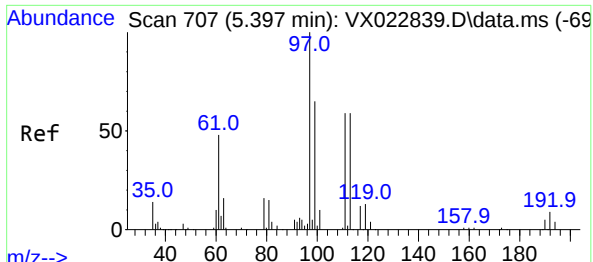


#34

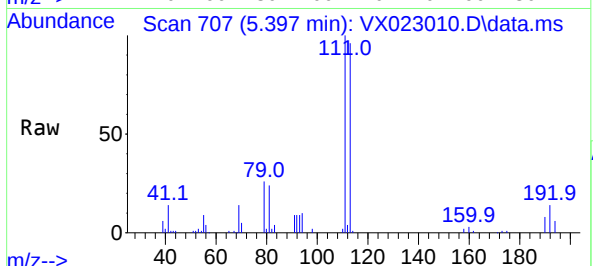
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 114 Resp: 124944
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 17.1 0.0 32.8

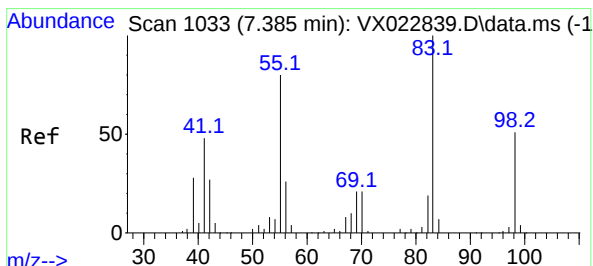
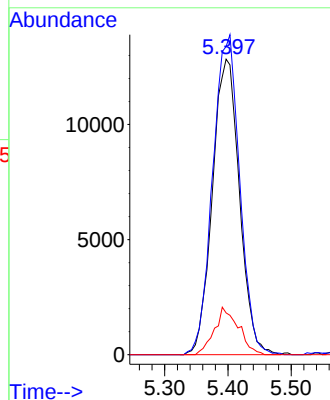
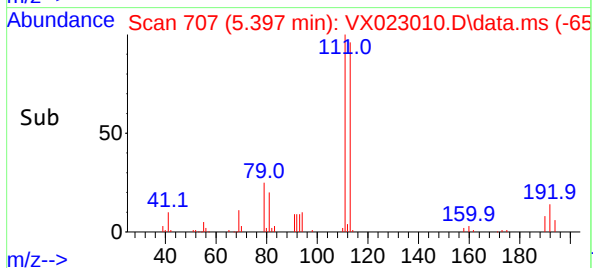




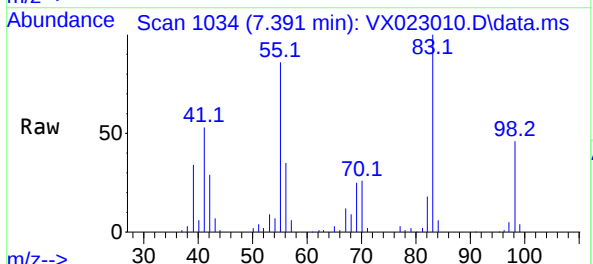
#35
Dibromofluoromethane
Concen: 48.09 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



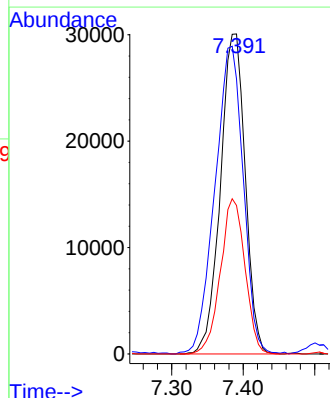
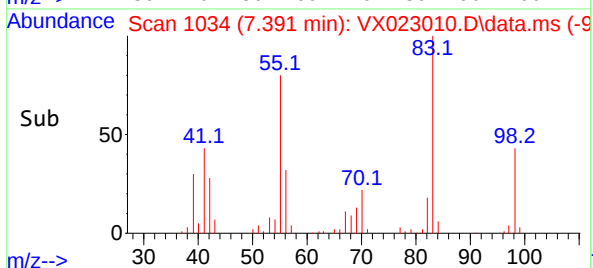
Tgt Ion:113 Resp: 38159
Ion Ratio Lower Upper
113 100
111 107.8 81.9 122.9
192 14.3 16.7 25.1#



#39
Methylcyclohexane
Concen: 46.80 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



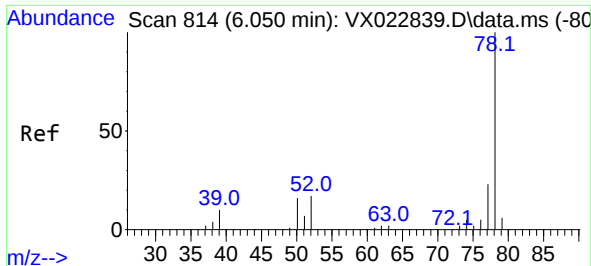
Tgt Ion: 83 Resp: 72446
Ion Ratio Lower Upper
83 100
55 85.6 58.9 88.3
98 46.4 38.1 57.1



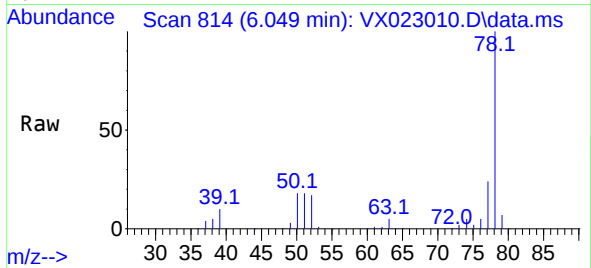
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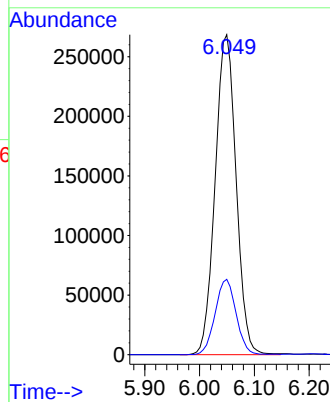
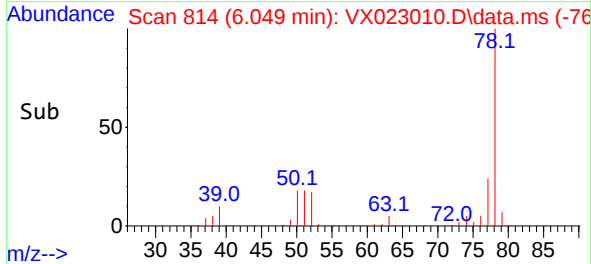
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#40
Benzene
Concen: 186.32 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.001 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



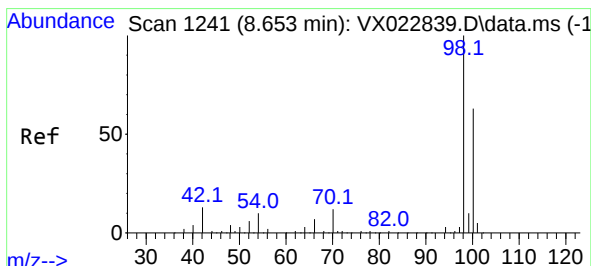
Tgt Ion: 78 Resp: 712994
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



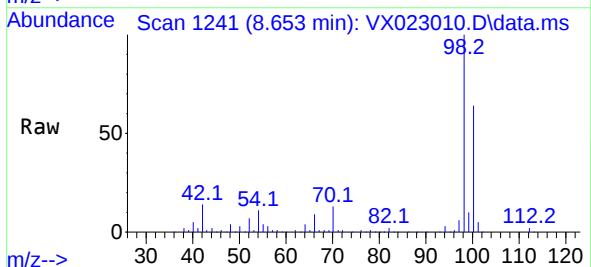
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ClientSampleId :
MW-12

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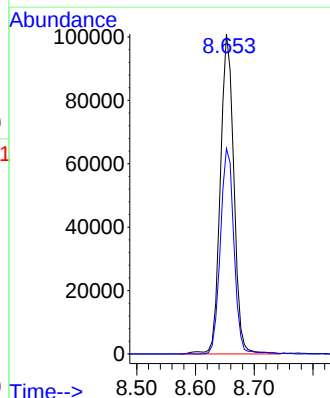
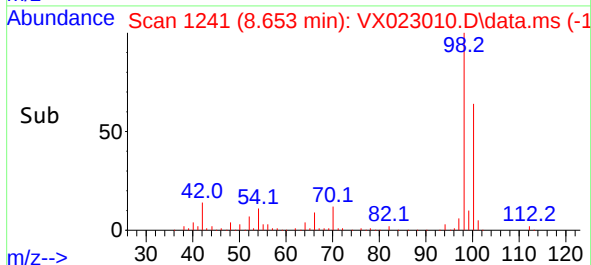
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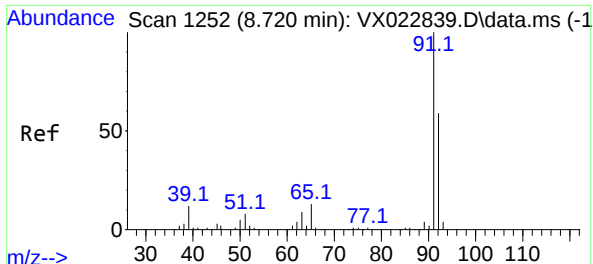


#50
Toluene-d8
Concen: 51.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



Tgt Ion: 98 Resp: 160913
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9





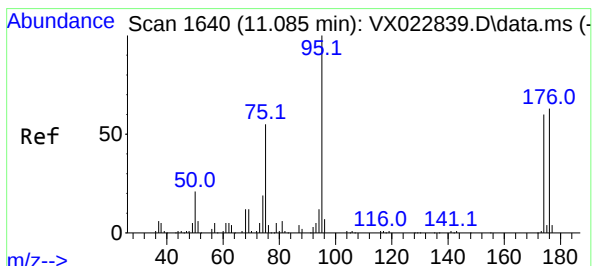
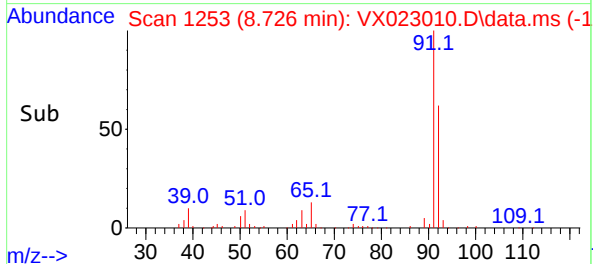
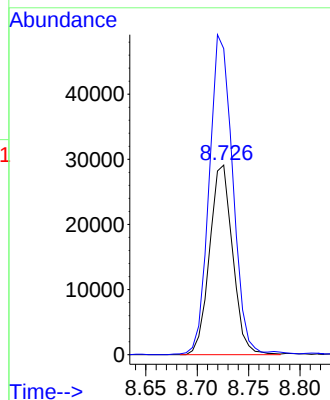
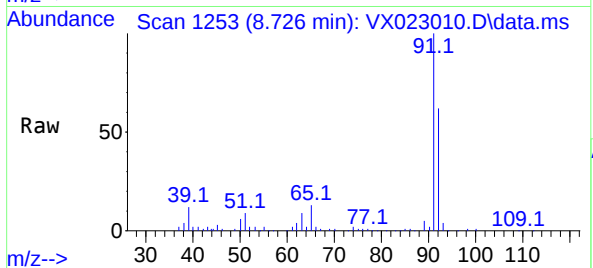
#52
Toluene
Concen: 19.61 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023010.D
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Tgt Ion: 92 Resp: 45364
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7

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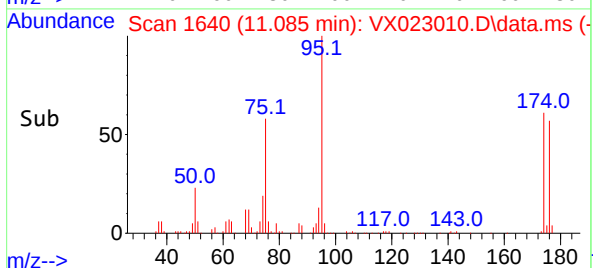
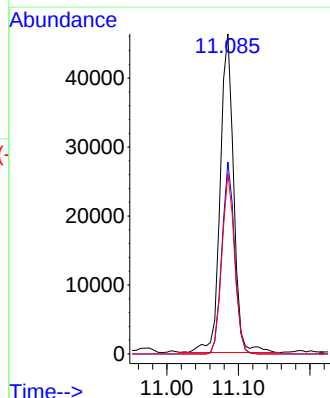
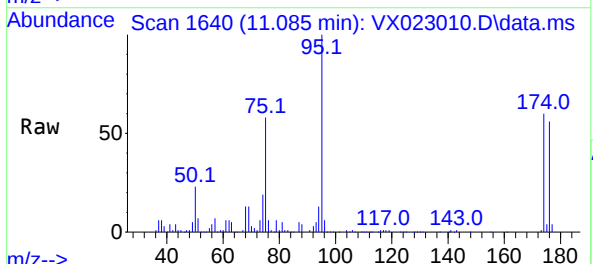
Manual Integrations
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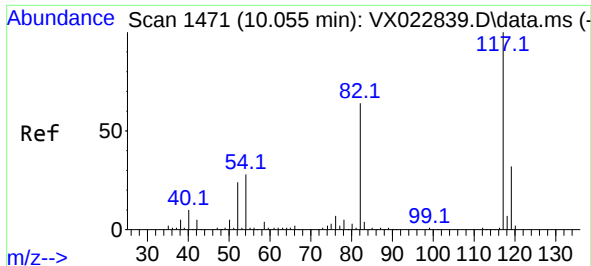
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#62
4-Bromofluorobenzene
Concen: 52.11 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 95 Resp: 60479
Ion Ratio Lower Upper
95 100
174 56.3 0.0 154.6
176 53.4 0.0 155.8





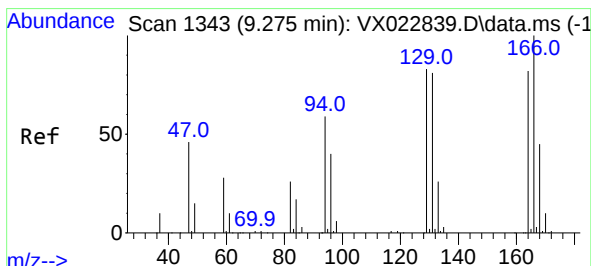
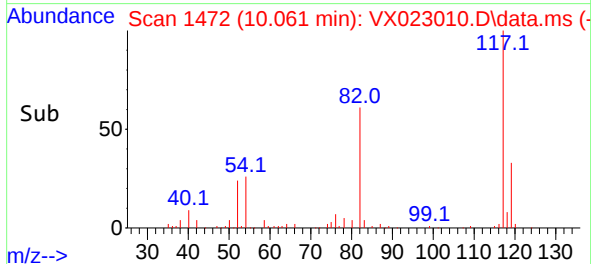
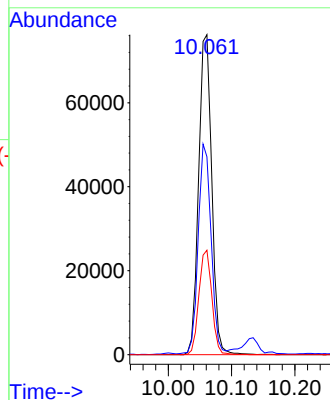
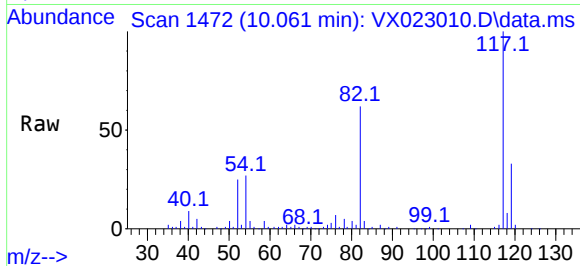
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion:117 Resp: 110151
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.7 26.6 39.8

Instrument :
MSVOA_X
ClientSampleId :
MW-12

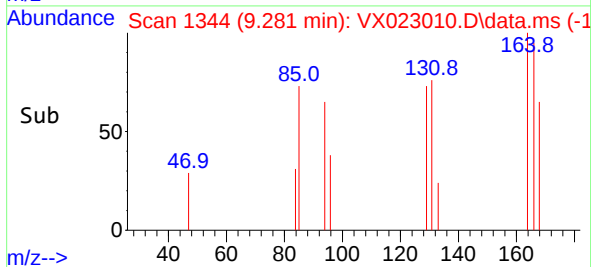
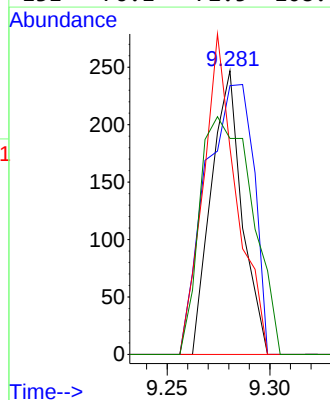
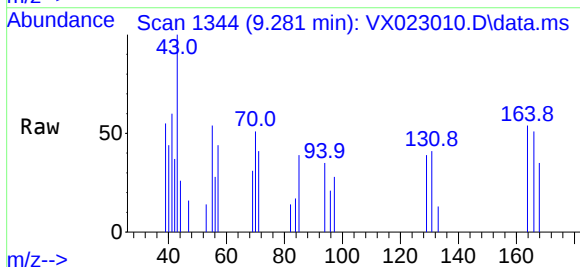
Manual Integrations
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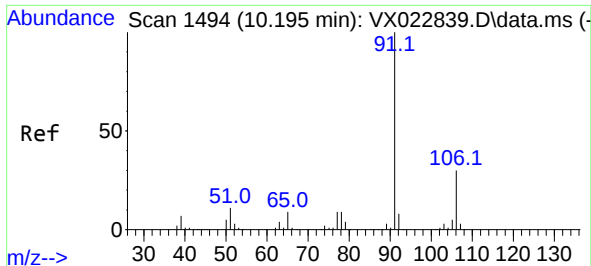
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#64
Tetrachloroethene
Concen: 0.33 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion:164 Resp: 257
Ion Ratio Lower Upper
164 100
166 94.7 103.4 155.2#
129 72.9 70.8 106.2
131 76.1 72.5 108.7





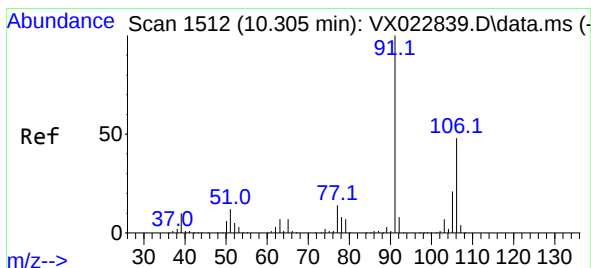
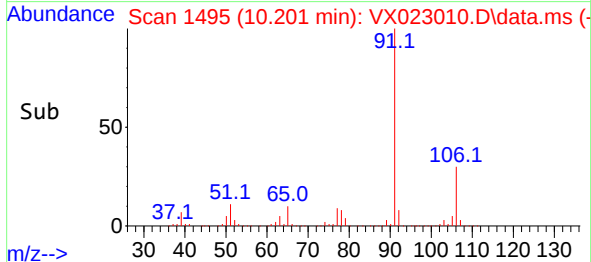
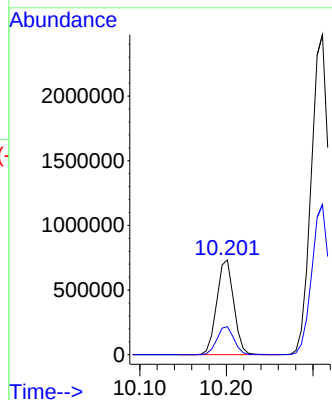
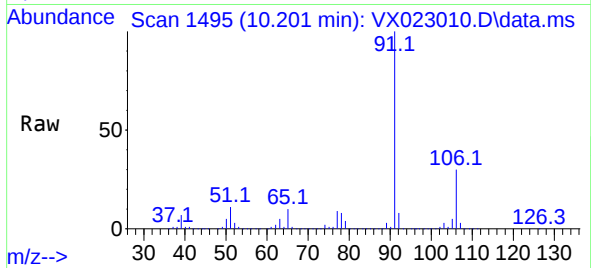
#67
Ethyl Benzene
Concen: 234.33 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Instrument :
MSVOA_X
ClientSampled :
MW-12

Tgt Ion: 91 Resp: 1000962
Ion Ratio Lower Upper
91 100
106 29.6 24.6 37.0

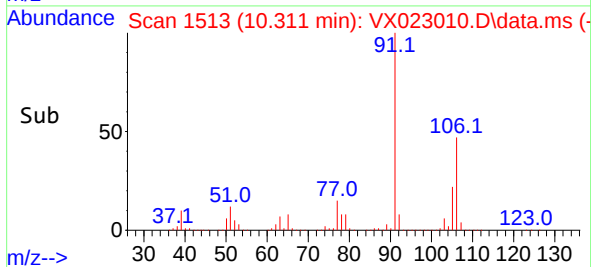
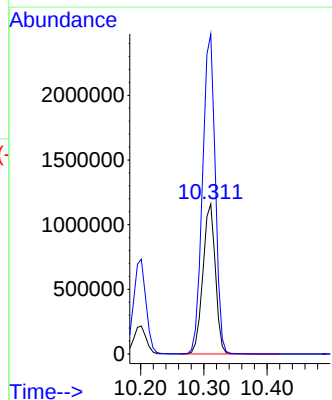
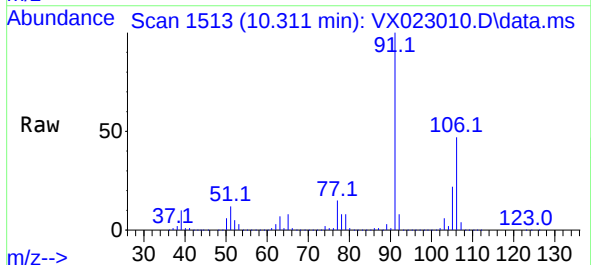
Manual Integrations
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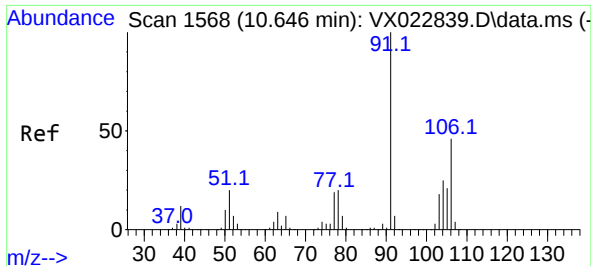
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#68
m/p-Xylenes
Concen: 1003.12 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 106 Resp: 1591246
Ion Ratio Lower Upper
106 100
91 218.1 162.8 244.2





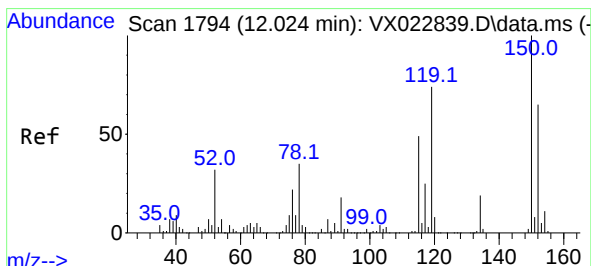
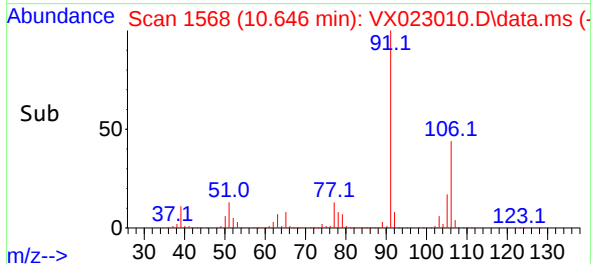
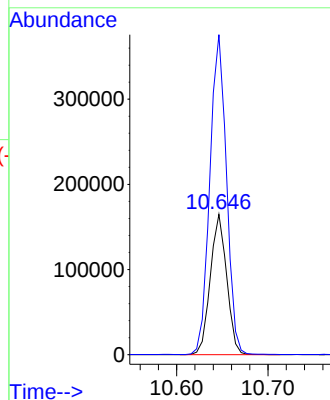
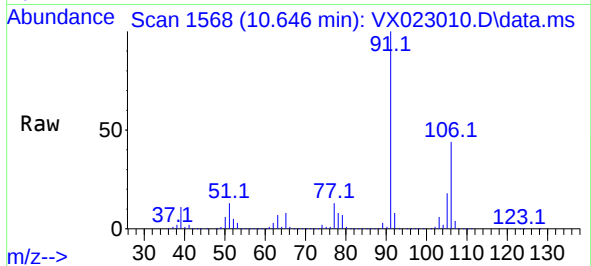
#69
o-Xylene
Concen: 132.70 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion:106 Resp: 204875
Ion Ratio Lower Upper
106 100
91 231.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
MW-12

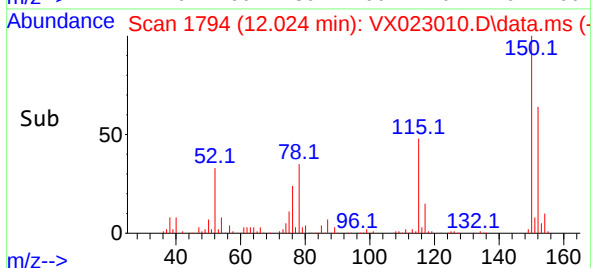
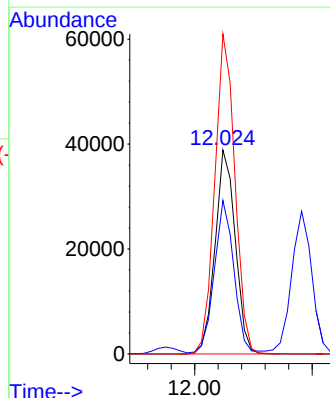
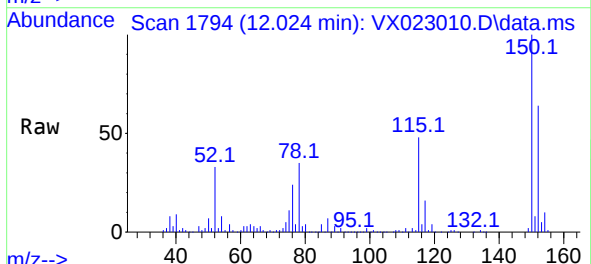
Manual Integrations
APPROVED

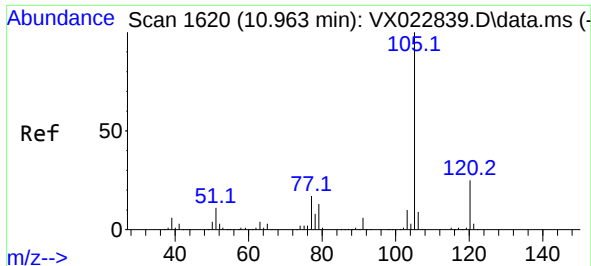
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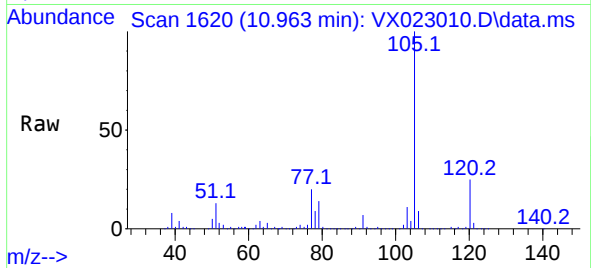
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion:152 Resp: 46475
Ion Ratio Lower Upper
152 100
115 71.6 41.1 123.3
150 156.1 0.0 349.0

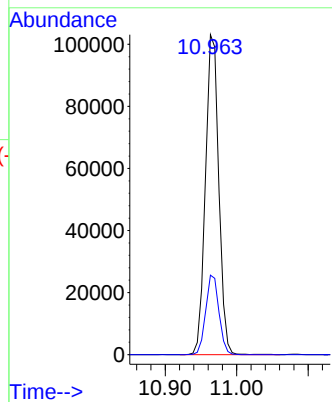
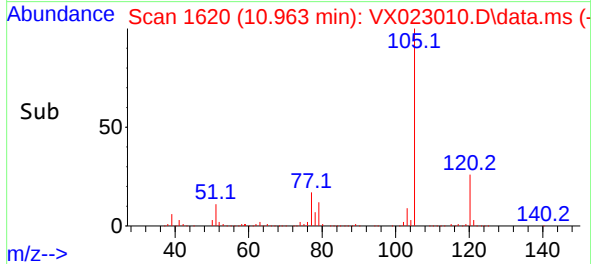




#73
Isopropylbenzene
Concen: 33.98 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



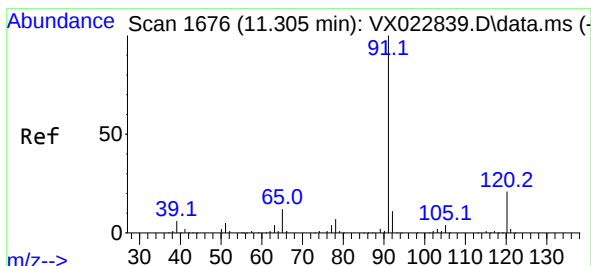
Tgt Ion: 105 Resp: 133613
Ion Ratio Lower Upper
105 100
120 24.7 13.2 39.6



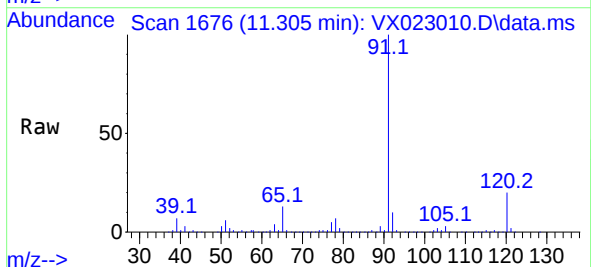
Instrument :
MSVOA_X
ClientSampled :
MW-12

Manual Integrations
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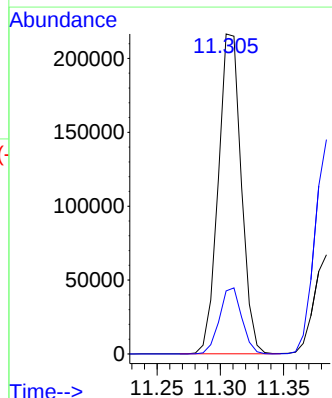
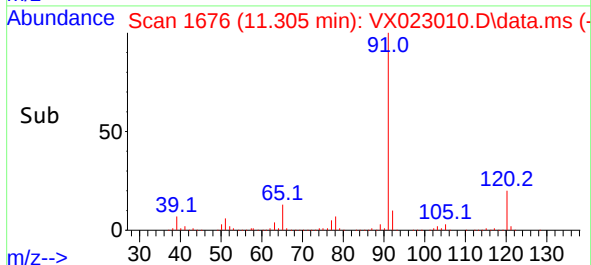
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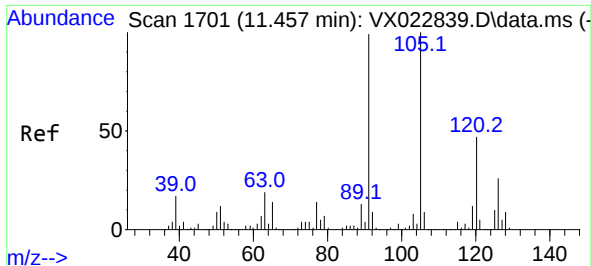


#78
n-propylbenzene
Concen: 57.41 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

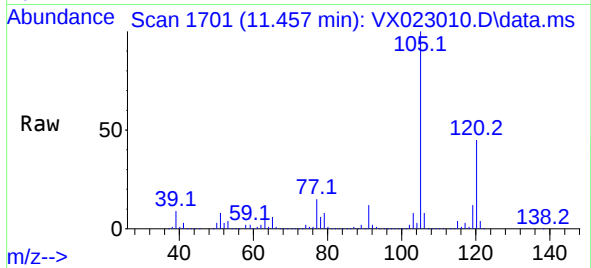


Tgt Ion: 91 Resp: 273186
Ion Ratio Lower Upper
91 100
120 20.2 11.5 34.5

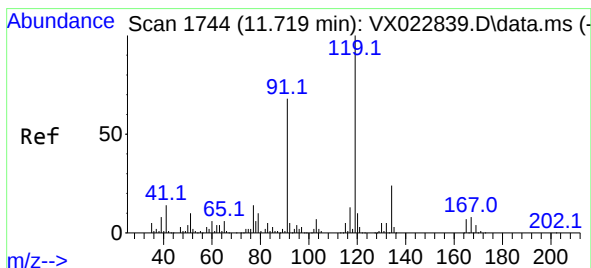
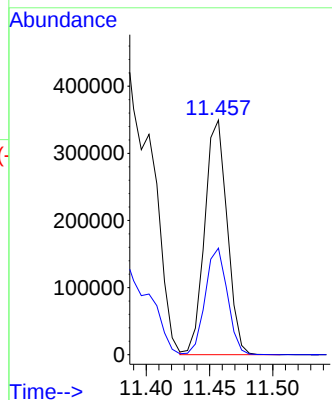
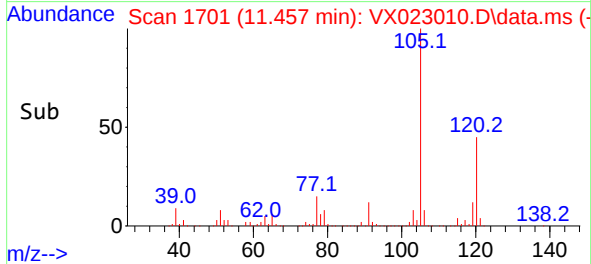




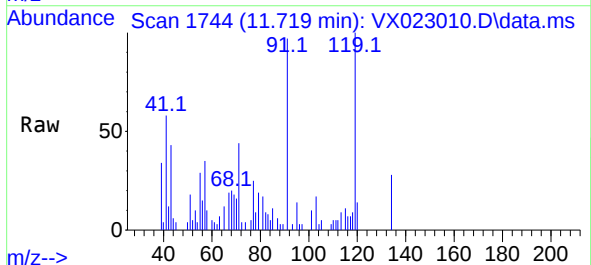
#80
1,3,5-Trimethylbenzene
Concen: 133.86 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



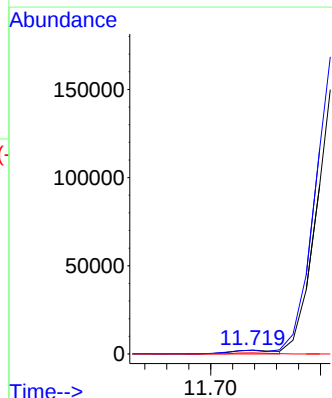
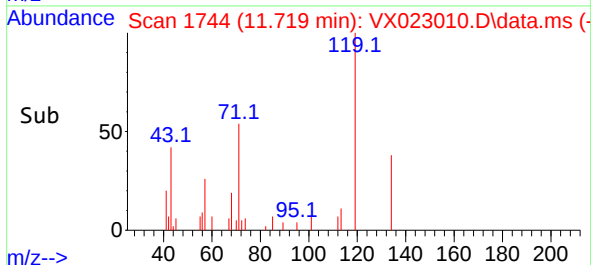
Tgt Ion:105 Resp: 432231
Ion Ratio Lower Upper
105 100
120 44.9 23.8 71.5



#83
tert-Butylbenzene
Concen: 0.99 ug/l m
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53



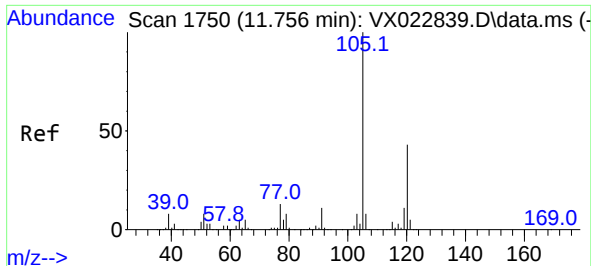
Tgt Ion:119 Resp: 3028
Ion Ratio Lower Upper
119 100
91 212.5 27.9 83.7#
134 162.7 11.3 33.9#



Instrument :
MSVOA_X
ClientSampleId :
MW-12

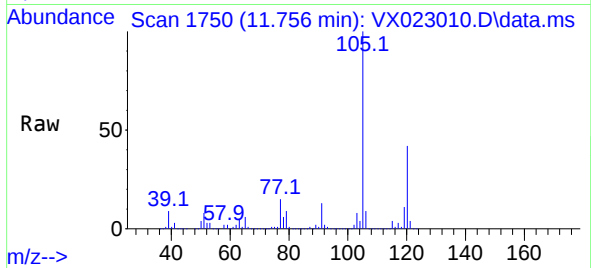
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#84
1,2,4-Trimethylbenzene
Concen: 519.68 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

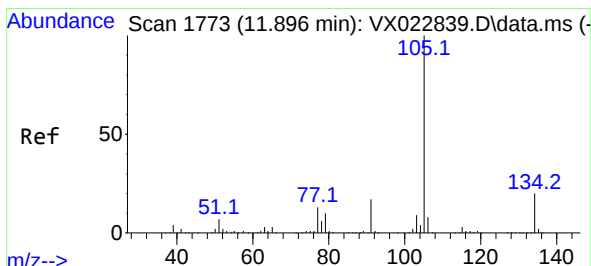
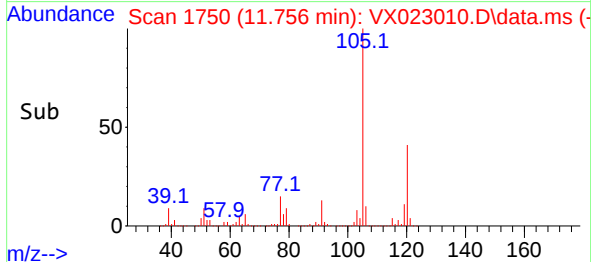
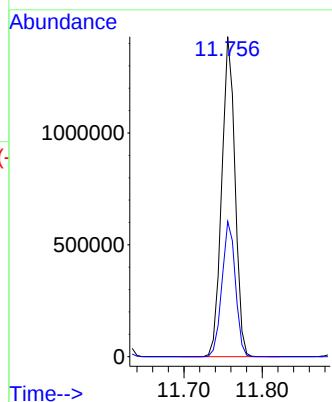
Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:105 Resp: 1688940
Ion Ratio Lower Upper
105 100
120 42.7 22.4 67.3

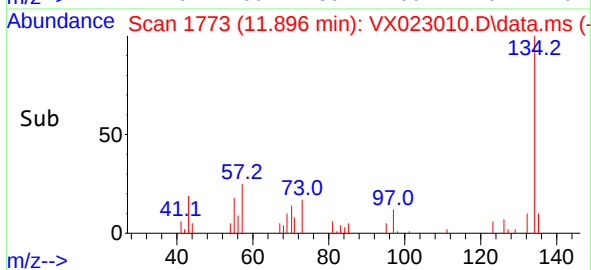
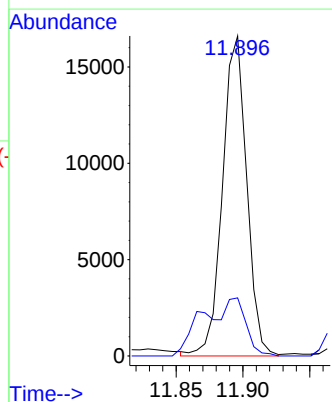
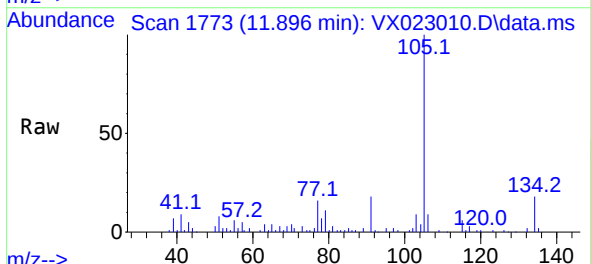
Manual Integrations
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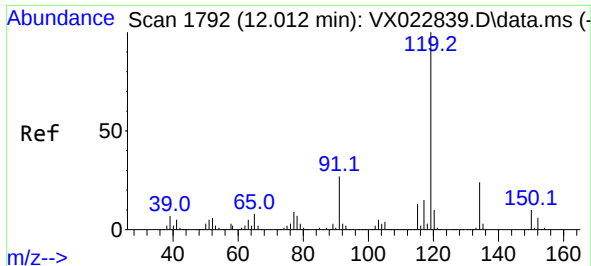
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#85
sec-Butylbenzene
Concen: 5.09 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion:105 Resp: 20929
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





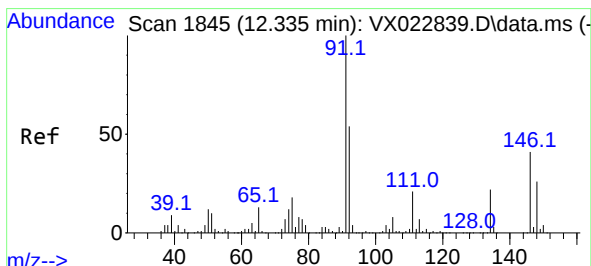
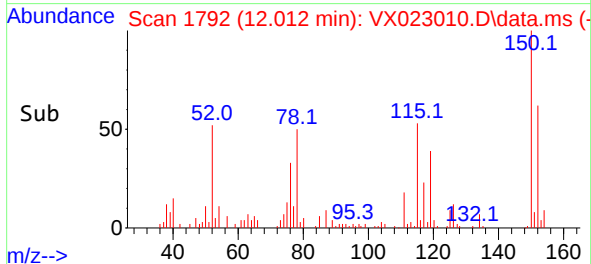
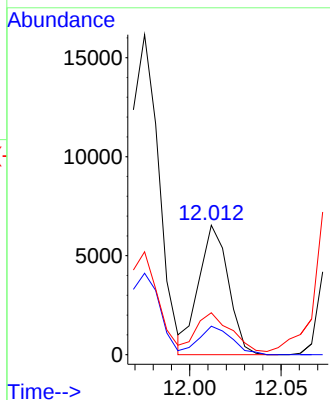
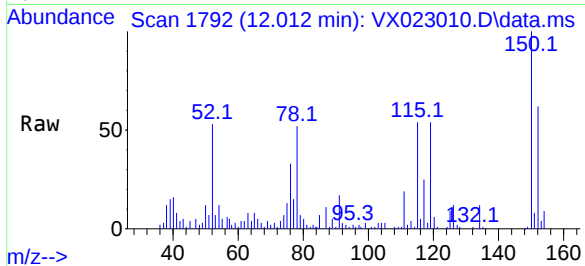
#86
p-Isopropyltoluene
Concen: 2.26 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 119 Resp: 7392
Ion Ratio Lower Upper
119 100
134 24.6 12.9 38.7
91 0.0 11.7 35.0#

Instrument :
MSVOA_X
ClientSampled :
MW-12

Manual Integrations
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#89
n-Butylbenzene
Concen: 20.77 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX023010.D
Acq: 29 Jun 2021 17:53

Tgt Ion: 91 Resp: 64548
Ion Ratio Lower Upper
91 100
92 29.0 27.4 82.0
134 84.2 13.2 39.5#

