

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023007.D
 Acq On : 29 Jun 2021 16:42
 Operator : JC/MD
 Sample : M2875-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Manual Integrations
 APPROVED

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Quant Time: Jun 30 01:44:49 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	59282	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61616	57.272	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.540%			
35) Dibromofluoromethane	5.397	113	38197	48.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.240%			
50) Toluene-d8	8.653	98	152384	48.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.085	95	57351	49.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.780%			
Target Compounds					Qvalue	
31) Cyclohexane	5.495	56	3908	2.573	ug/l	# 65
39) Methylcyclohexane	7.391	83	4067	2.626	ug/l	93
40) Benzene	6.050	78	33126	8.652	ug/l	96
52) Toluene	8.720	92	9229	3.987	ug/l	94
67) Ethyl Benzene	10.195	91	566593	135.819	ug/l	96
68) m/p-Xylenes	10.305	106	3984m	2.572	ug/l	
69) o-Xylene	10.646	106	4196	2.783	ug/l	79
73) Isopropylbenzene	10.963	105	26961	7.505	ug/l	97
78) n-propylbenzene	11.305	91	65014	14.958	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	494469	166.556	ug/l	96
85) sec-Butylbenzene	11.896	105	4182m	1.113	ug/l	
86) p-Isopropyltoluene	12.012	119	2370	0.794	ug/l	# 76
89) n-Butylbenzene	12.335	91	5062m	1.783	ug/l	
95) Naphthalene	13.780	128	19541	7.352	ug/l	# 97

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

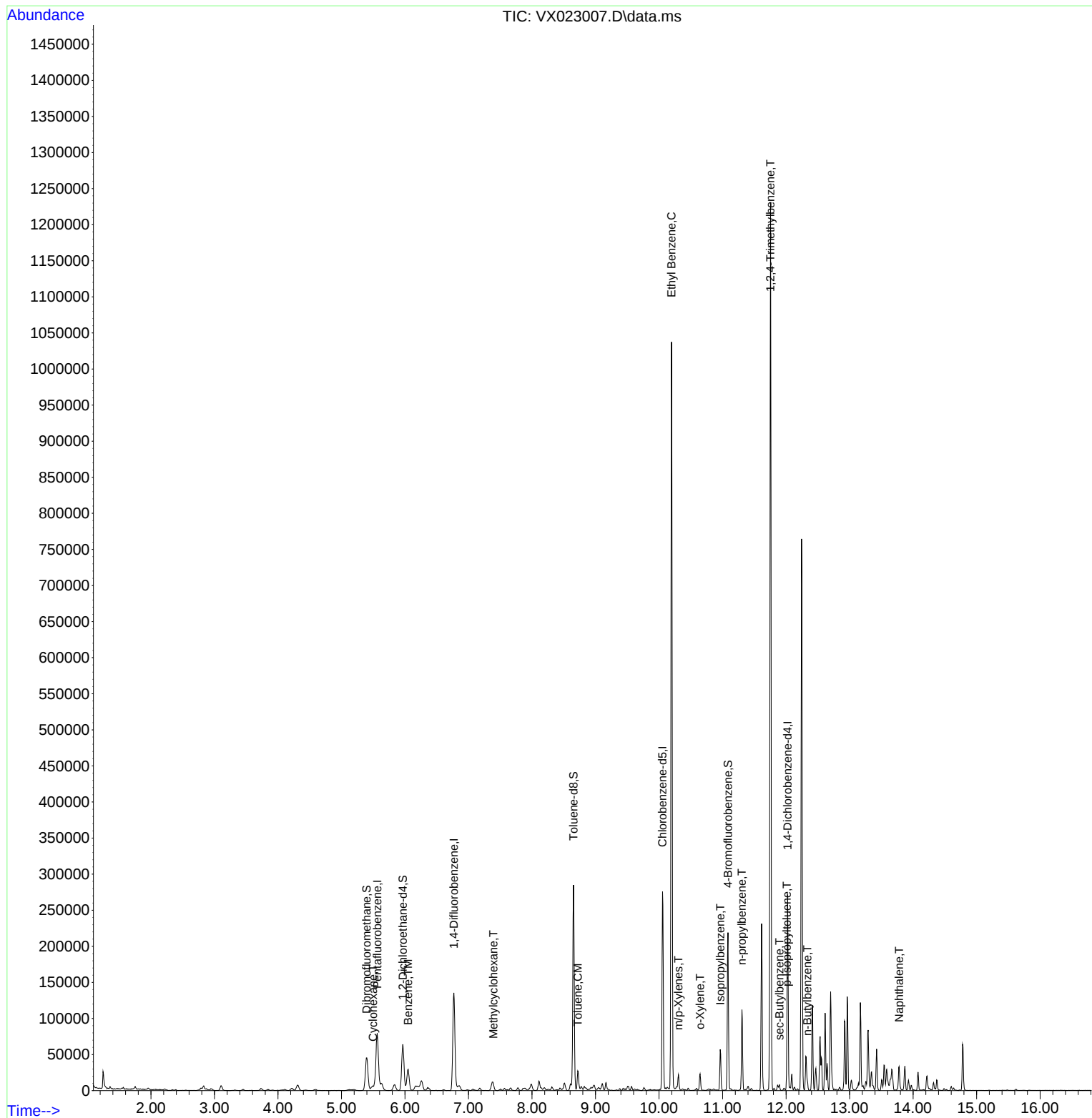
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Data File : VX023007.D
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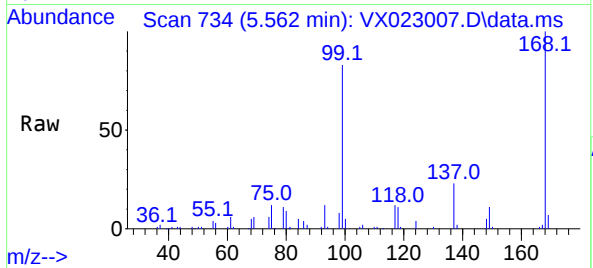
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Quant Time: Jun 30 01:44:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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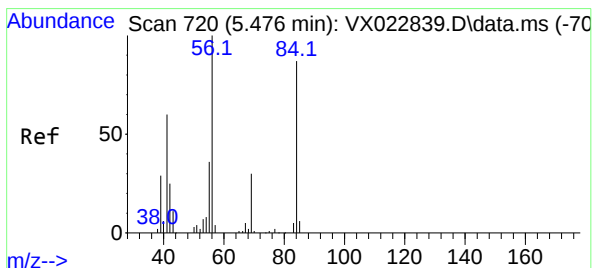
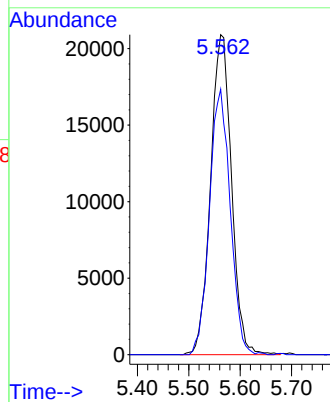
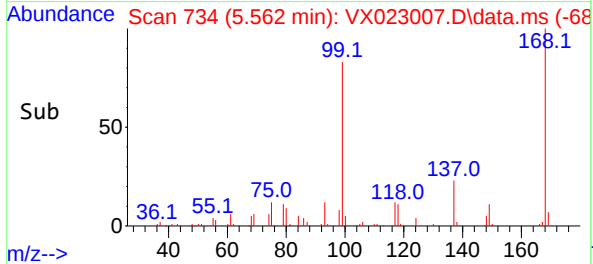




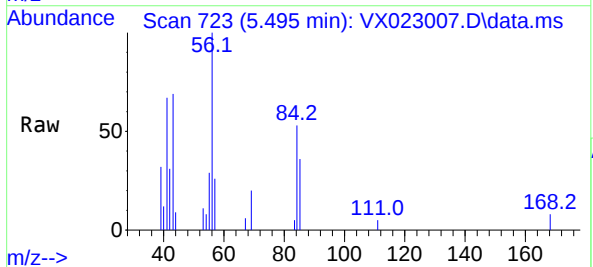
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023007.D
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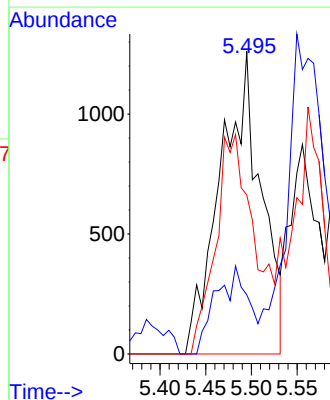
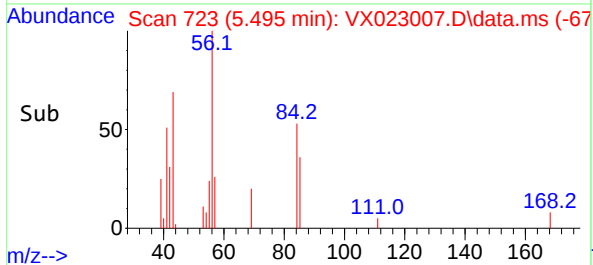
Tgt Ion: 168 Resp: 59282
Ion Ratio Lower Upper
168 100
99 82.9 45.8 68.6#



#31
Cyclohexane
Concen: 2.573 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.019 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42



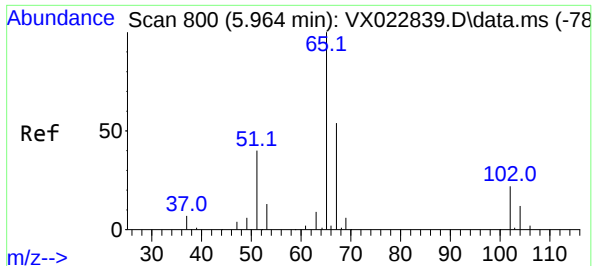
Tgt Ion: 56 Resp: 3908
Ion Ratio Lower Upper
56 100
69 19.6 25.3 37.9#
84 52.6 71.4 107.0#



Instrument :
MSVOA_X
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#33

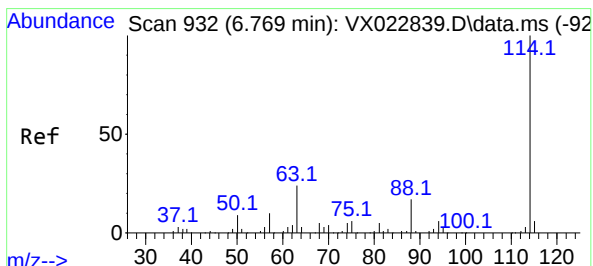
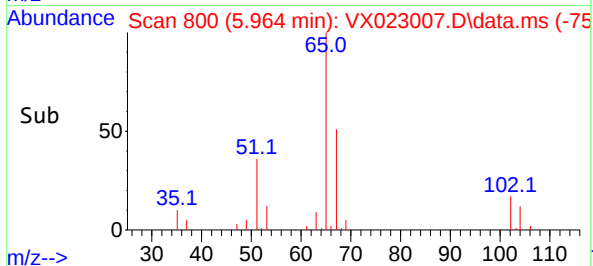
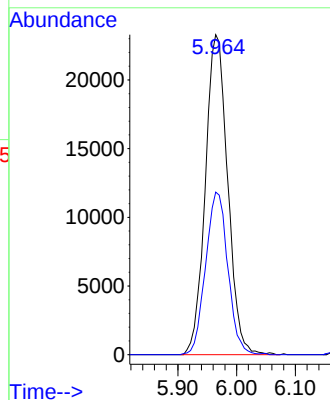
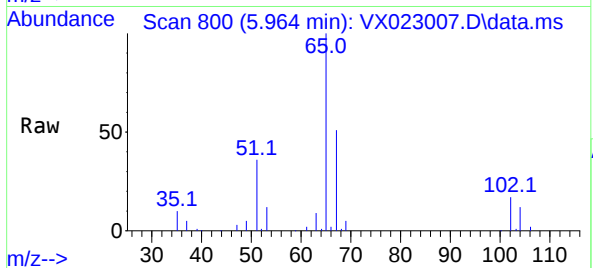
1,2-Dichloroethane-d4
Concen: 57.272 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023007.D
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Tgt Ion: 65 Resp: 61616
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

Instrument :
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Manual Integrations
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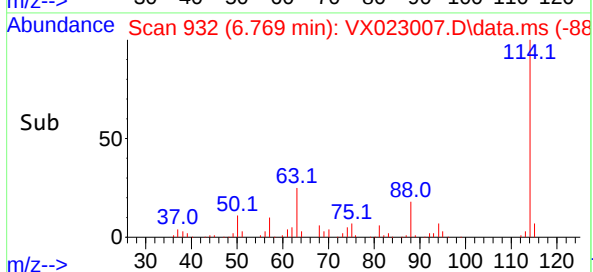
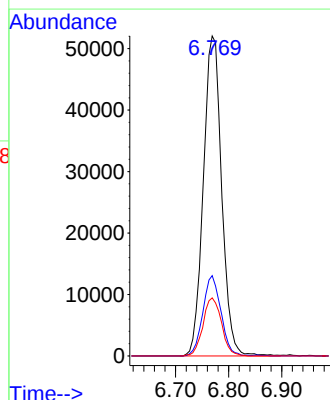
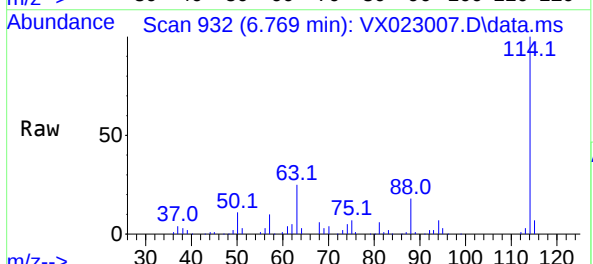
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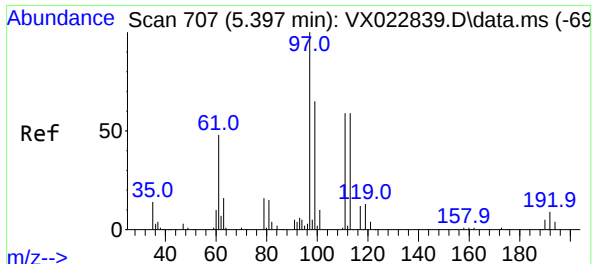


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

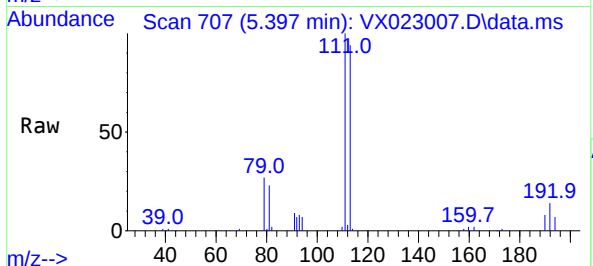
Tgt Ion: 114 Resp: 125009
Ion Ratio Lower Upper
114 100
63 25.1 0.0 40.8
88 18.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

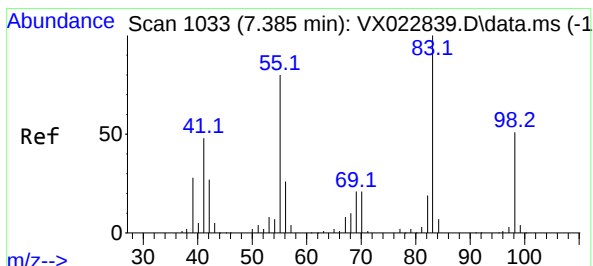
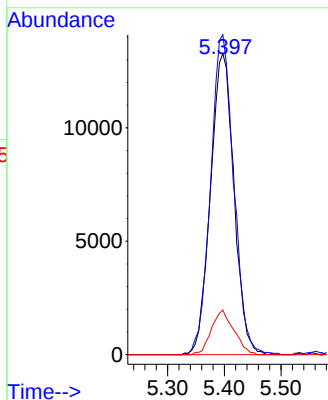
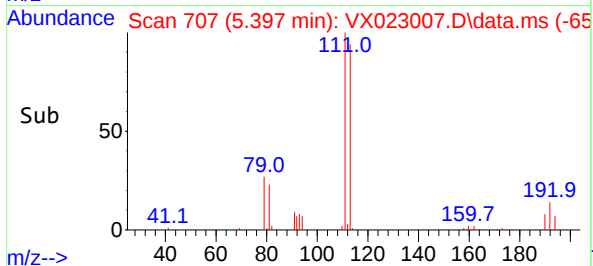
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



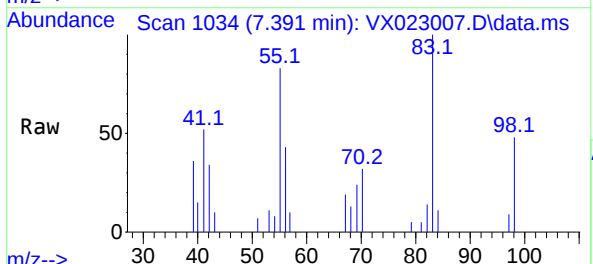
Tgt Ion:113 Resp: 38197
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 14.2 16.7 25.1#

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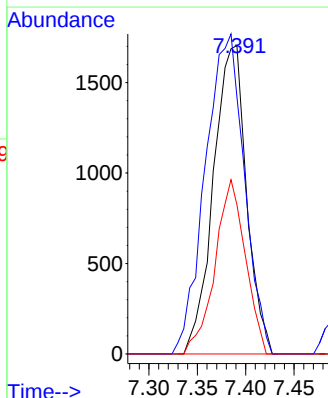
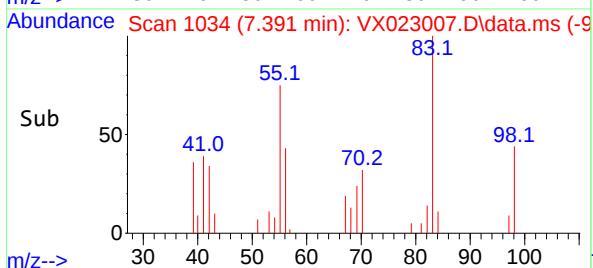
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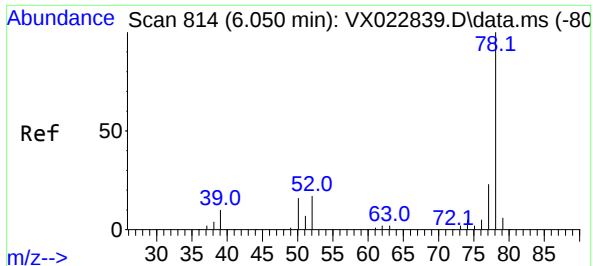


#39
Methylcyclohexane
Concen: 2.626 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42



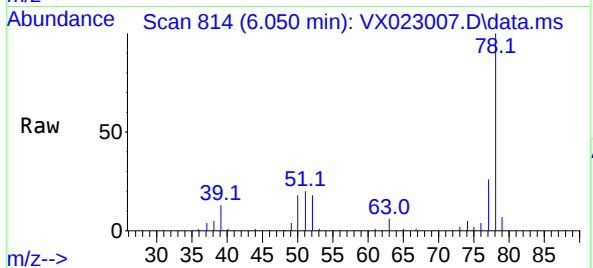
Tgt Ion: 83 Resp: 4067
Ion Ratio Lower Upper
83 100
55 83.3 58.9 88.3
98 48.4 38.1 57.1





#40
Benzene
Concen: 8.652 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

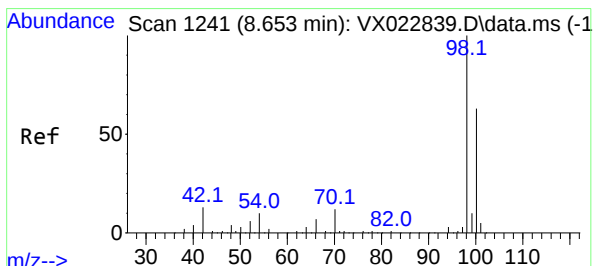
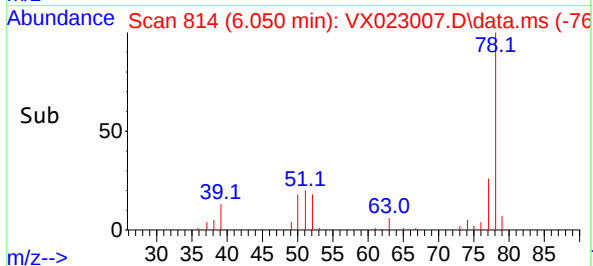
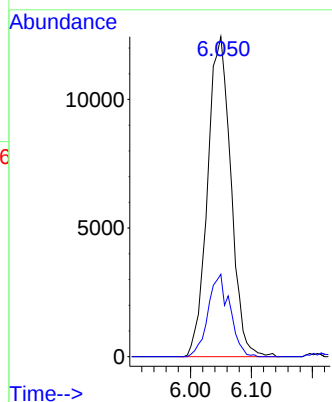
Instrument :
MSVOA_X
ClientSampled :
MW-3DL



Tgt Ion: 78 Resp: 33126
Ion Ratio Lower Upper
78 100
77 25.8 18.9 28.3

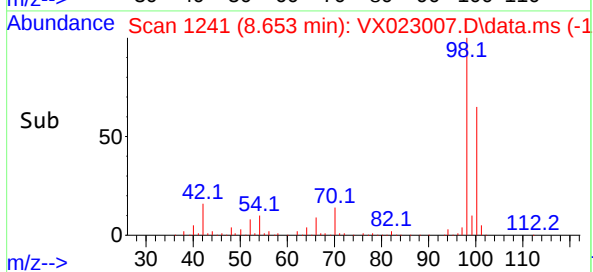
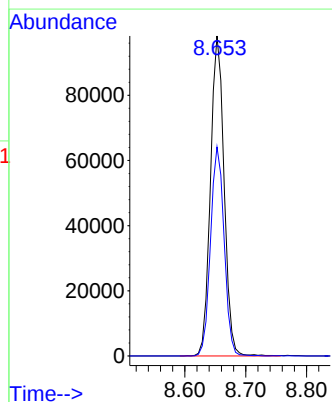
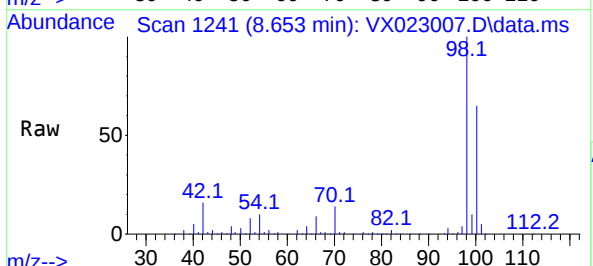
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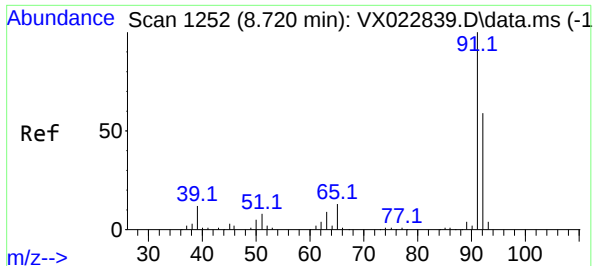
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#50
Toluene-d8
Concen: 48.979 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023007.D
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Tgt Ion: 98 Resp: 152384
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9





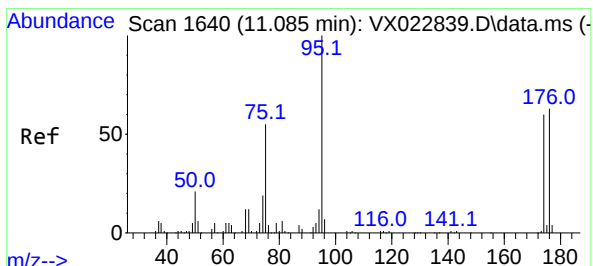
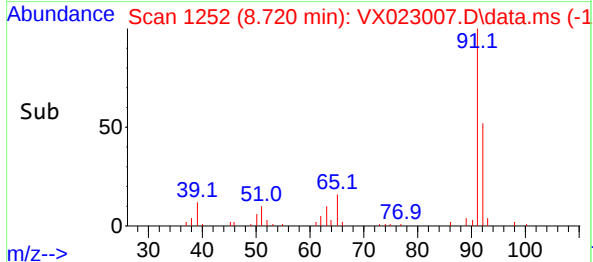
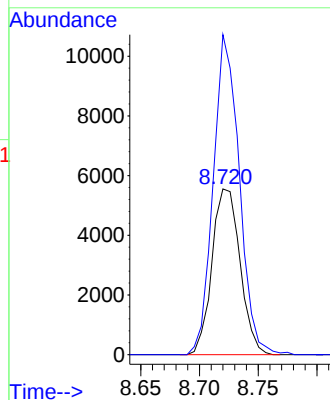
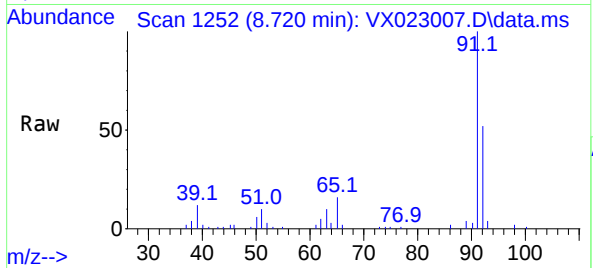
#52
Toluene
Concen: 3.987 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

Tgt Ion: 92 Resp: 9229
Ion Ratio Lower Upper
92 100
91 179.2 137.1 205.7

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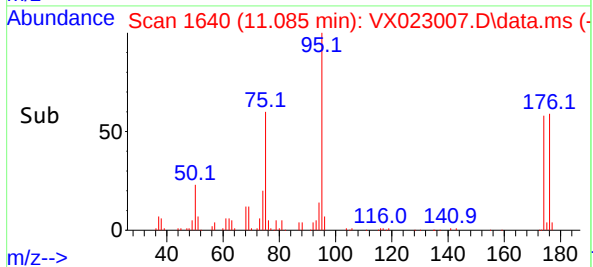
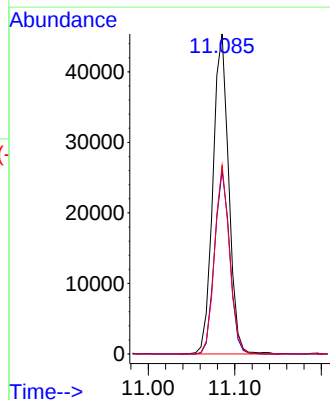
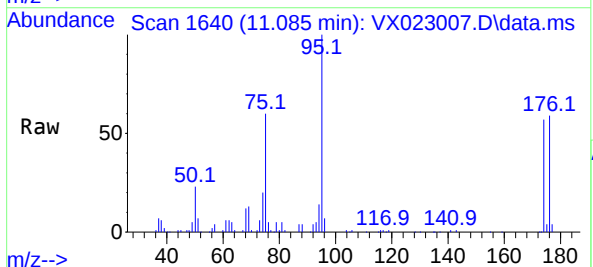
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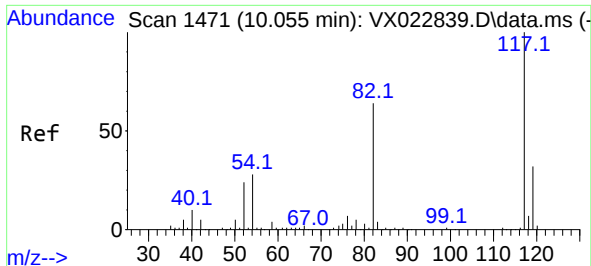
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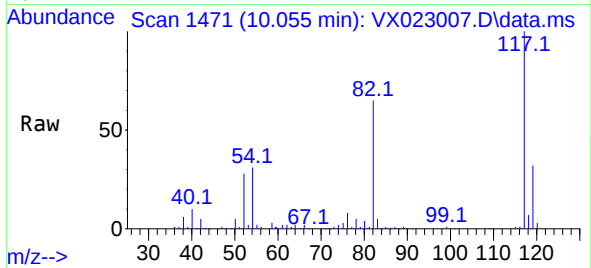
#62
4-Bromofluorobenzene
Concen: 49.392 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

Tgt Ion: 95 Resp: 57351
Ion Ratio Lower Upper
95 100
174 55.3 0.0 154.6
176 55.6 0.0 155.8

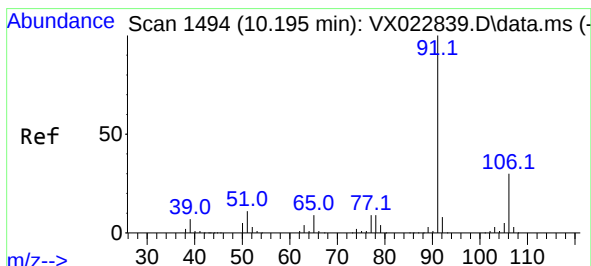
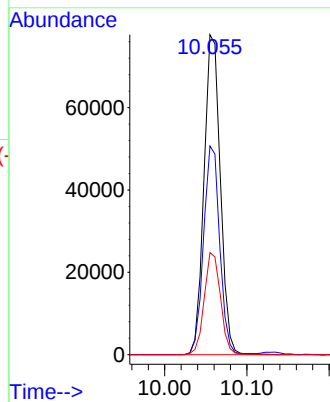
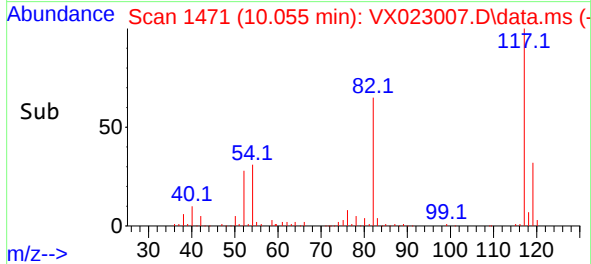




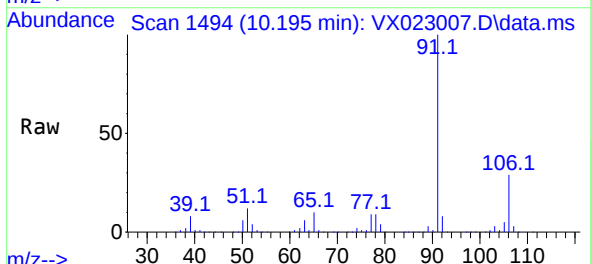
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023007.D
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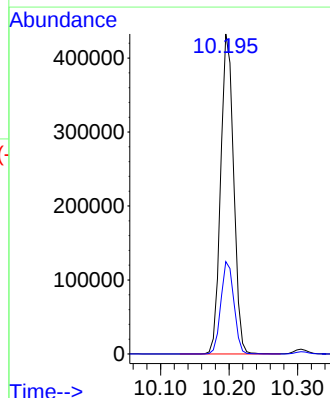
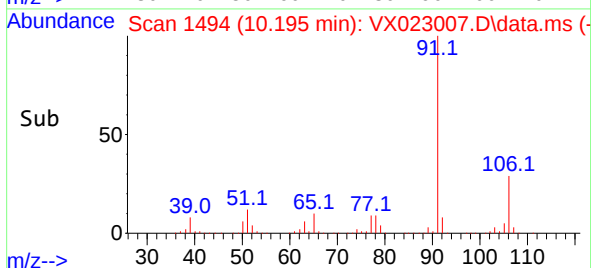
Tgt Ion:117 Resp: 107575
Ion Ratio Lower Upper
117 100
82 65.2 47.4 71.2
119 31.9 26.6 39.8



#67
Ethyl Benzene
Concen: 135.819 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023007.D
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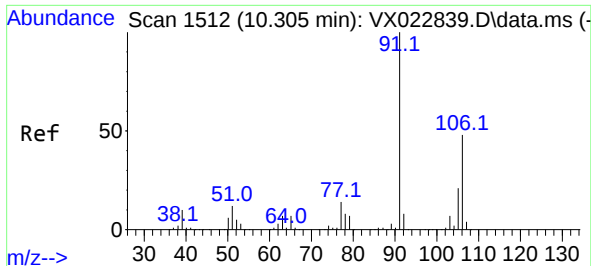
Tgt Ion: 91 Resp: 566593
Ion Ratio Lower Upper
91 100
106 28.9 24.6 37.0



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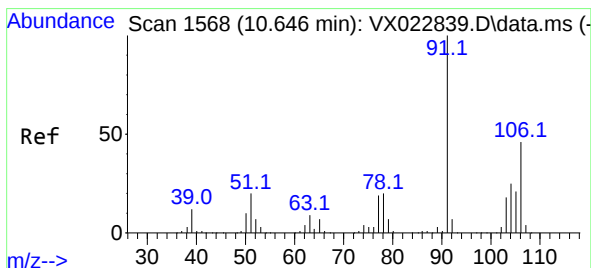
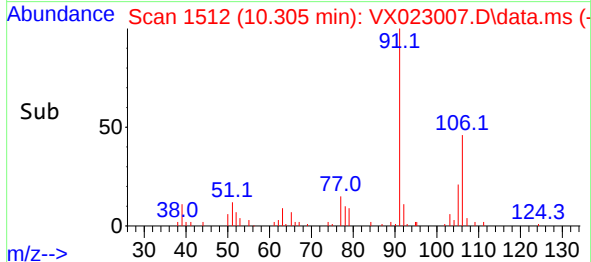
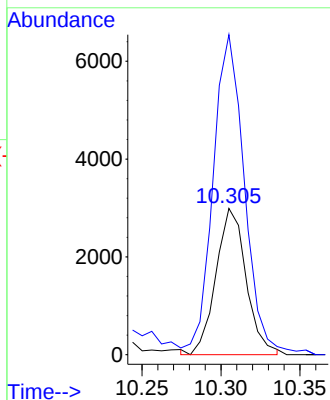
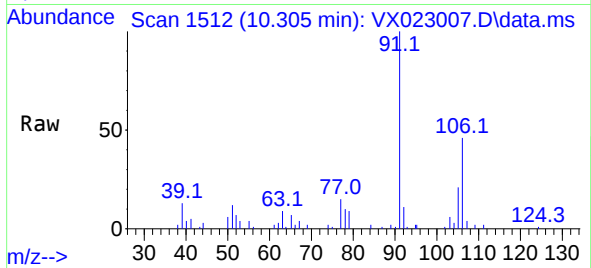
#68
m/p-Xylenes
Concen: 2.572 ug/l m
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

Tgt Ion:106 Resp: 3984
Ion Ratio Lower Upper
106 100
91 14221.7 162.8 244.2#

Instrument :
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ClientSampleId :
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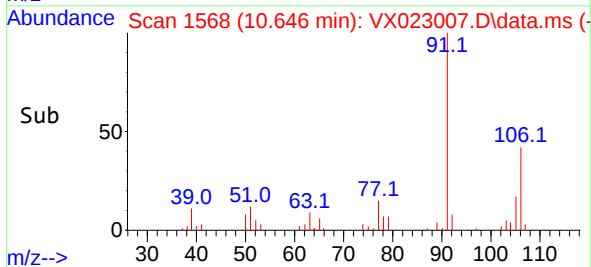
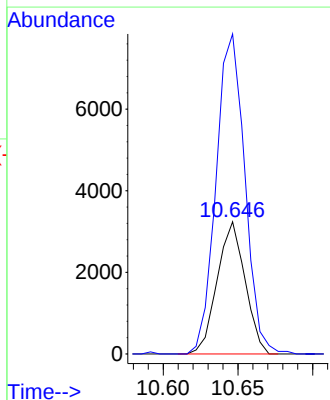
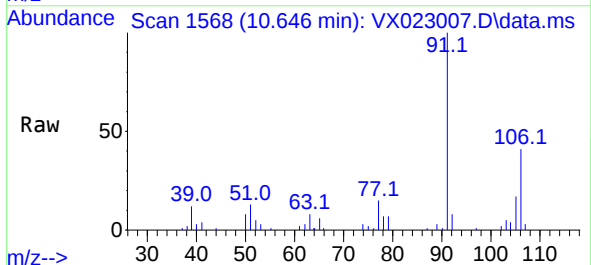
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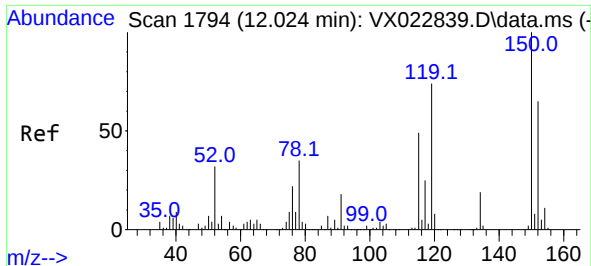
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#69
o-Xylene
Concen: 2.783 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

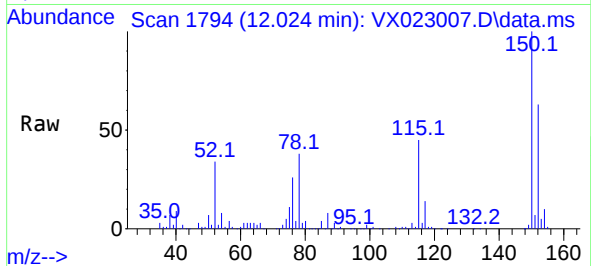
Tgt Ion:106 Resp: 4196
Ion Ratio Lower Upper
106 100
91 250.1 108.1 324.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

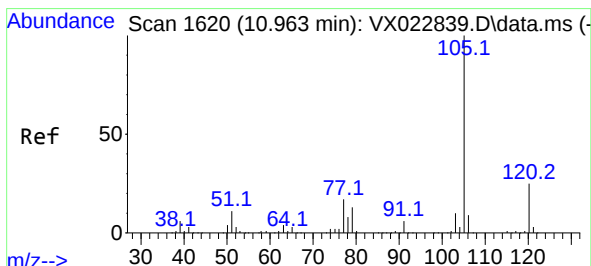
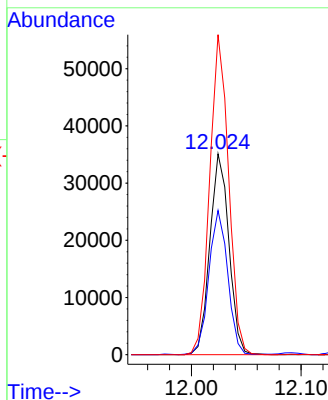
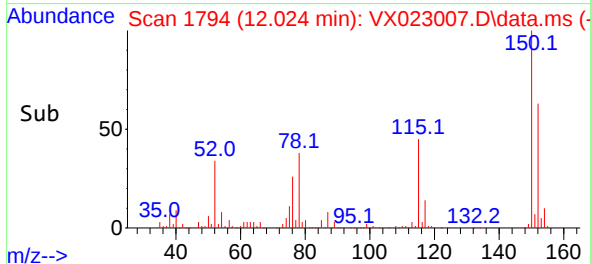
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



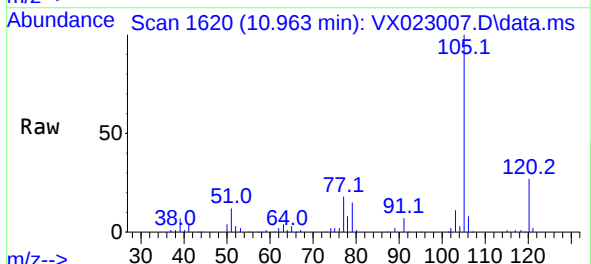
Tgt Ion:152 Resp: 42454
Ion Ratio Lower Upper
152 100
115 71.0 41.1 123.3
150 157.7 0.0 349.0

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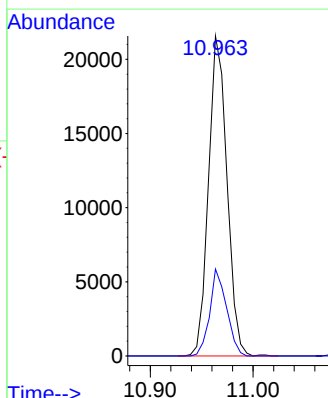
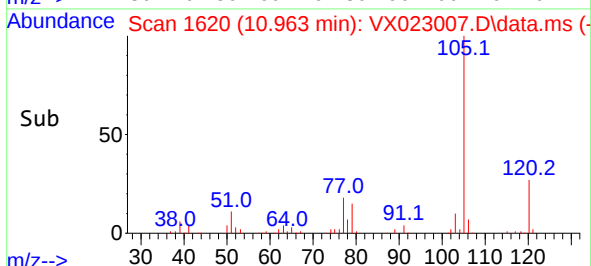
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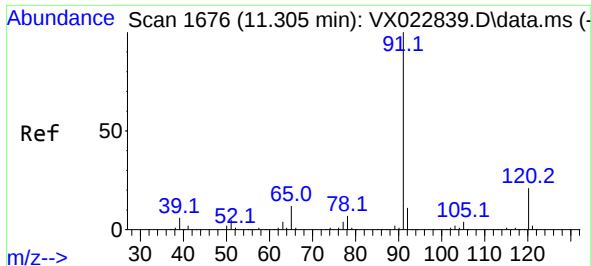


#73
Isopropylbenzene
Concen: 7.505 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42



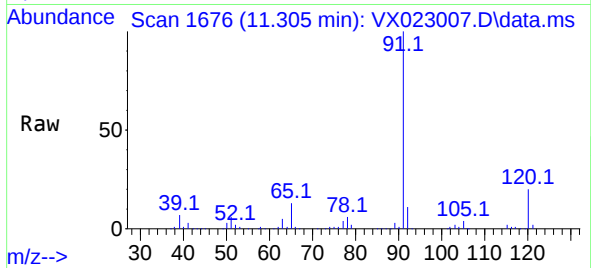
Tgt Ion:105 Resp: 26961
Ion Ratio Lower Upper
105 100
120 24.7 13.2 39.6





#78
n-propylbenzene
Concen: 14.958 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

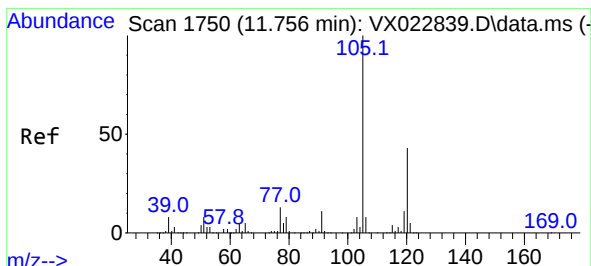
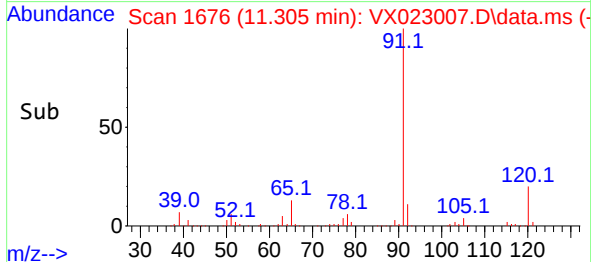
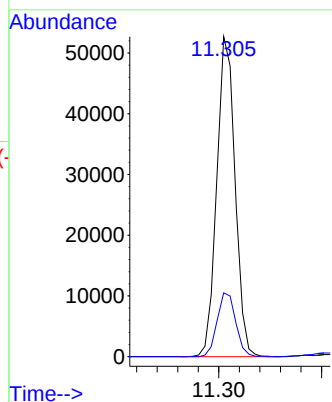
Instrument :
MSVOA_X
ClientSampled :
MW-3DL



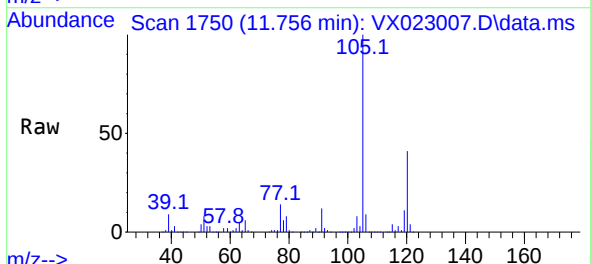
Tgt Ion: 91 Resp: 65014
Ion Ratio Lower Upper
91 100
120 20.2 11.5 34.5

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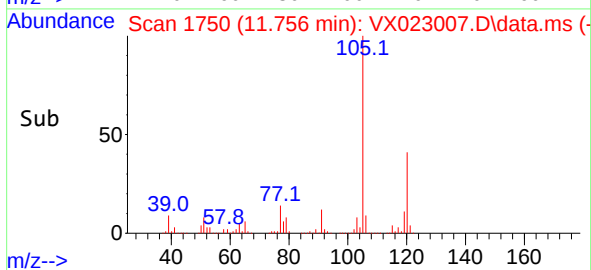
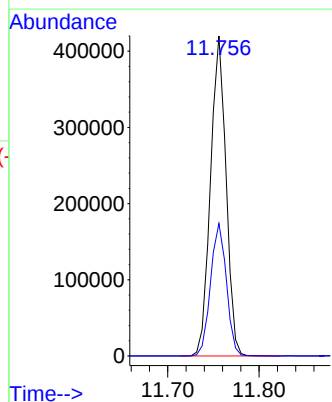
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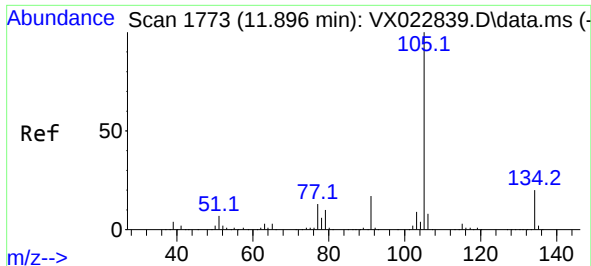


#84
1,2,4-Trimethylbenzene
Concen: 166.556 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42



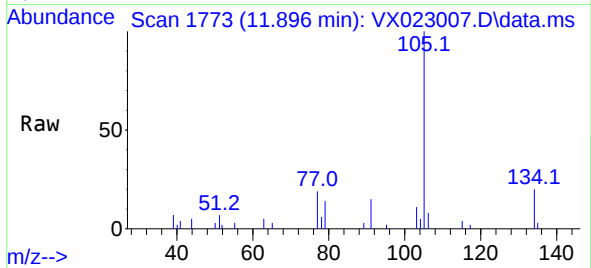
Tgt Ion: 105 Resp: 494469
Ion Ratio Lower Upper
105 100
120 42.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 1.113 ug/l m
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX023007.D
 Acq: 29 Jun 2021 16:42

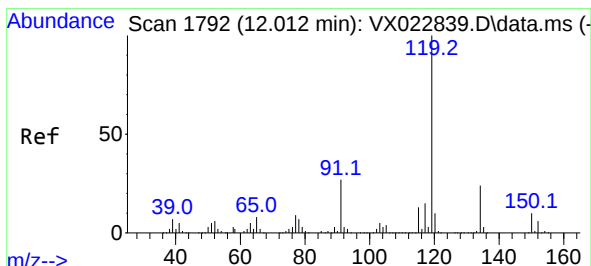
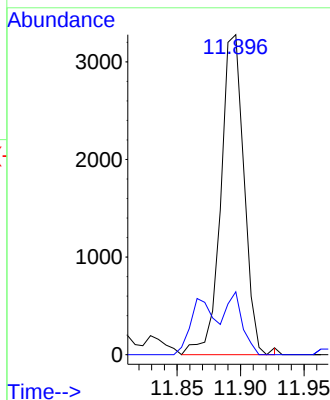
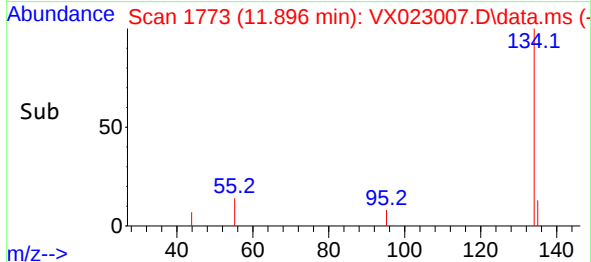
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL



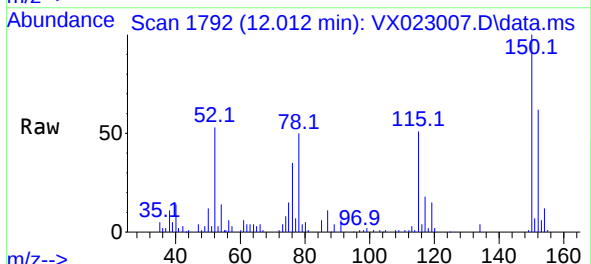
Tgt Ion:105 Resp: 4182
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

Manual Integrations
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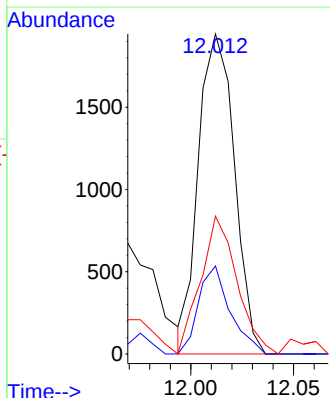
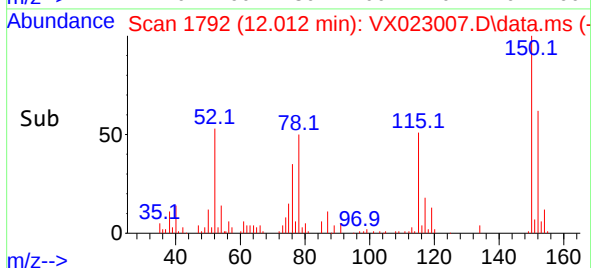
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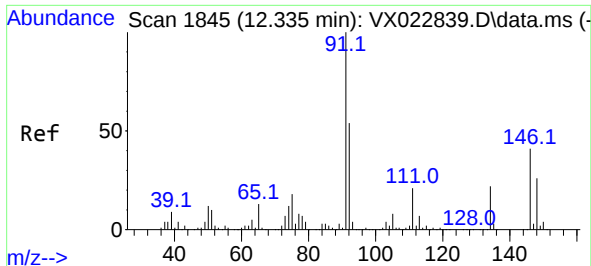


#86
 p-Isopropyltoluene
 Concen: 0.794 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX023007.D
 Acq: 29 Jun 2021 16:42



Tgt Ion:119 Resp: 2370
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.9 38.7
 91 0.0 11.7 35.0#





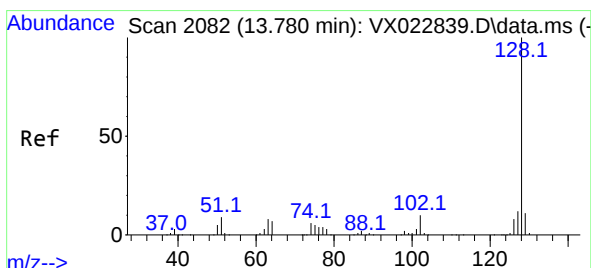
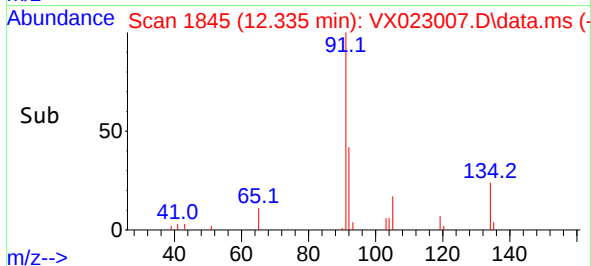
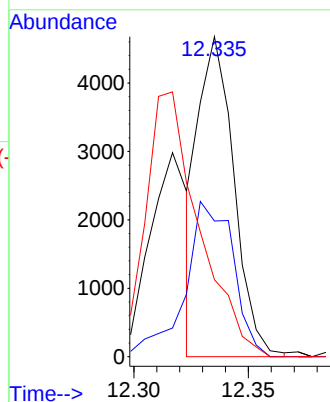
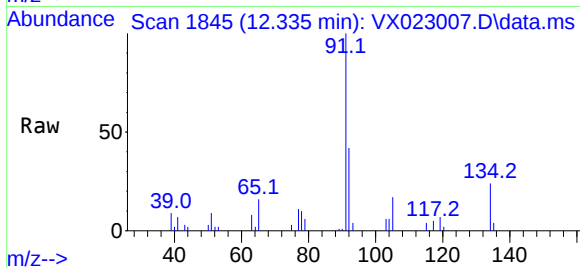
#89
n-Butylbenzene
Concen: 1.783 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

Tgt Ion: 91 Resp: 5062
Ion Ratio Lower Upper
91 100
92 65.4 27.4 82.0
134 124.0 13.2 39.5#

Instrument :
MSVOA_X
ClientSampled :
MW-3DL

Manual Integrations
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#95
Naphthalene
Concen: 7.352 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023007.D
Acq: 29 Jun 2021 16:42

Tgt Ion: 128 Resp: 19541
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 13.3 8.8 13.2#

