

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023006.D
 Acq On : 29 Jun 2021 16:19
 Operator : JC/MD
 Sample : M2875-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
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Quant Time: Jun 30 01:44:37 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	55601	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58036	57.52	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.04%			
35) Dibromofluoromethane	5.397	113	36595	50.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.90%			
50) Toluene-d8	8.653	98	146540	52.06	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.12%			
62) 4-Bromofluorobenzene	11.085	95	59345	56.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.98%			
Target Compounds						Qvalue
16) Acetone	2.392	43	4360	9.75	ug/l	# 85
30) Chloroform	5.111	83	7030	4.59	ug/l	84
31) Cyclohexane	5.483	56	36487	25.61	ug/l	# 82
39) Methylcyclohexane	7.391	83	43573	31.09	ug/l	90
40) Benzene	6.044	78	292515	84.44	ug/l	100
52) Toluene	8.720	92	89918	42.94	ug/l	99
67) Ethyl Benzene	10.201	91	4894967	1263.24	ug/l	96
68) m/p-Xylenes	10.305	106	20045m	13.93	ug/l	
69) o-Xylene	10.646	106	41724	29.79	ug/l	91
73) Isopropylbenzene	10.963	105	265743	74.35	ug/l	97
78) n-propylbenzene	11.305	91	642378	148.53	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	5739m	1.96	ug/l	
83) tert-Butylbenzene	11.719	119	3501m	1.26	ug/l	
84) 1,2,4-Trimethylbenzene	11.762	105	4650946	1574.48	ug/l	100
85) sec-Butylbenzene	11.896	105	39591m	10.59	ug/l	
86) p-Isopropyltoluene	12.012	119	23226	7.82	ug/l	# 76
89) n-Butylbenzene	12.335	91	53860m	19.07	ug/l	

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

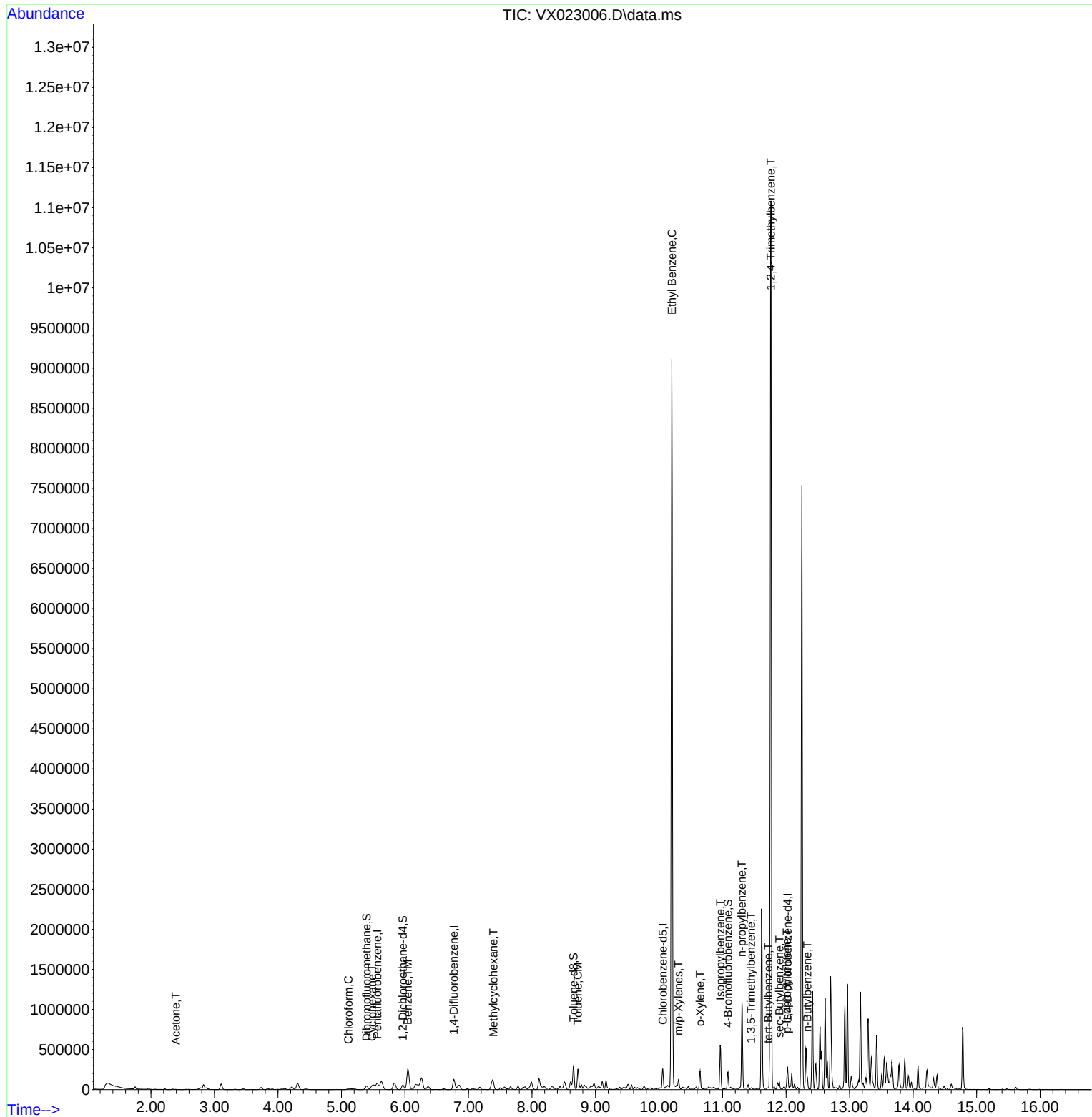
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Data File : VX023006.D
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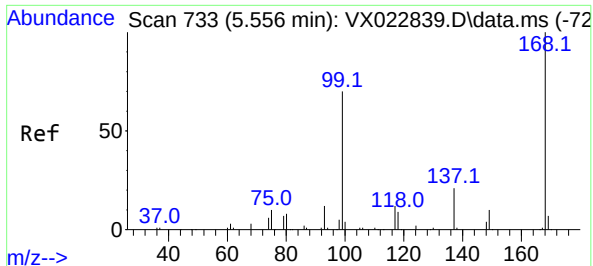
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Jun 30 01:44:37 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

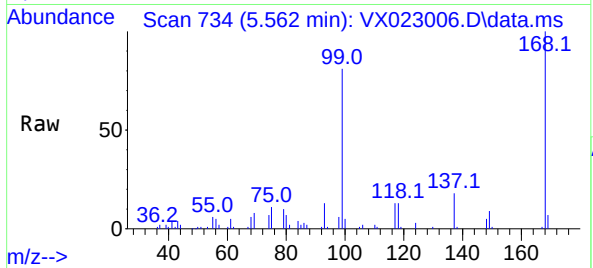
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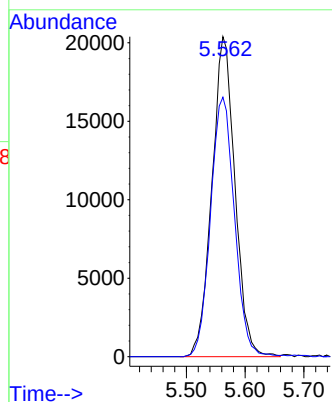
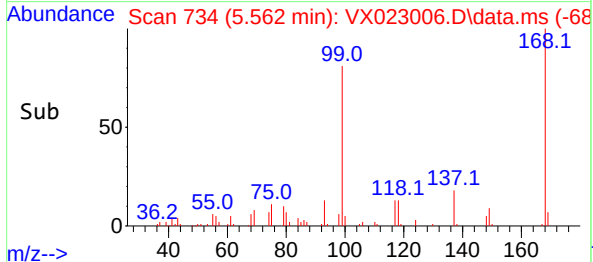




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



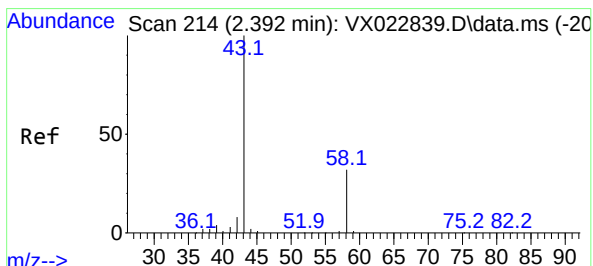
Tgt Ion: 168 Resp: 55601
Ion Ratio Lower Upper
168 100
99 81.1 45.8 68.6#



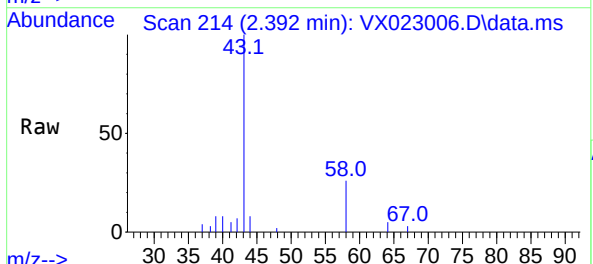
Instrument :
MSVOA_X
ClientSampled :
MW-3

Manual Integrations
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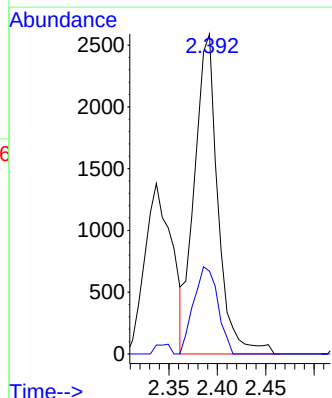
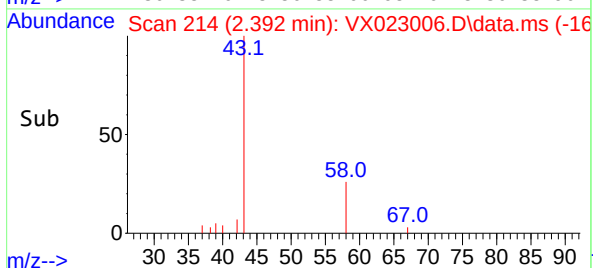
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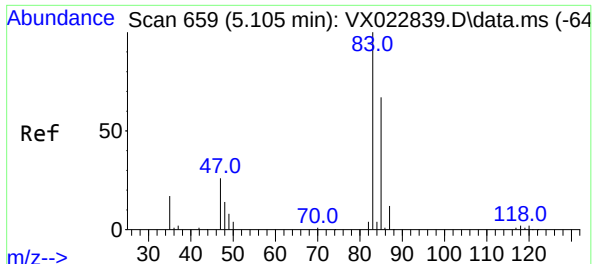


#16
Acetone
Concen: 9.75 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#





#30

Chloroform

Concen: 4.59 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023006.D

Acq: 29 Jun 2021 16:19

Tgt Ion: 83 Resp: 7030

Ion Ratio Lower Upper

83 100

85 77.9 52.0 78.0

Instrument :

MSVOA_X

ClientSampled :

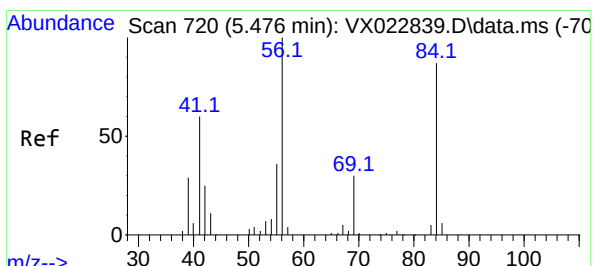
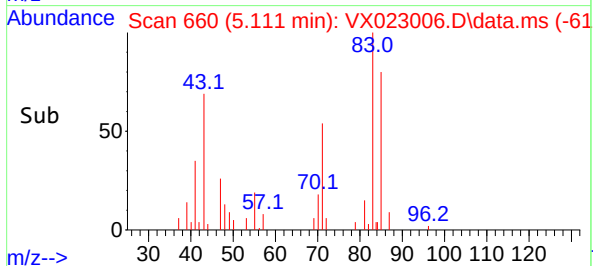
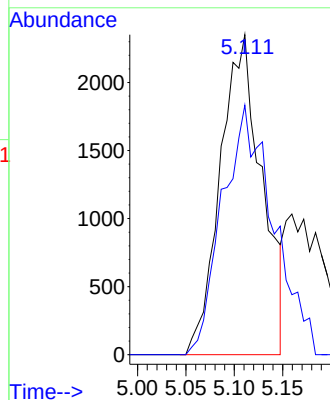
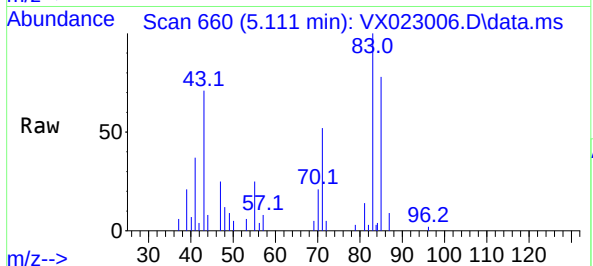
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#31

Cyclohexane

Concen: 25.61 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.007 min

Lab File: VX023006.D

Acq: 29 Jun 2021 16:19

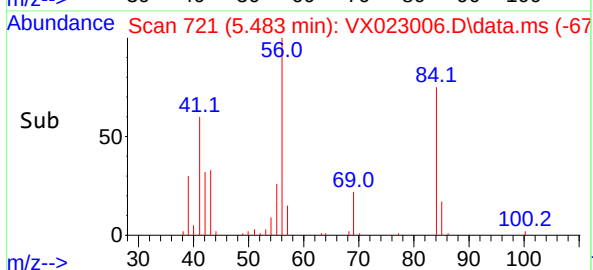
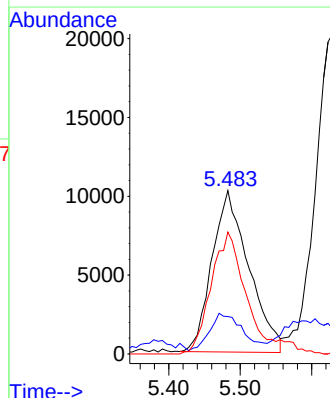
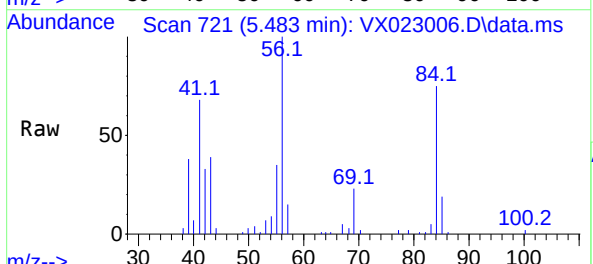
Tgt Ion: 56 Resp: 36487

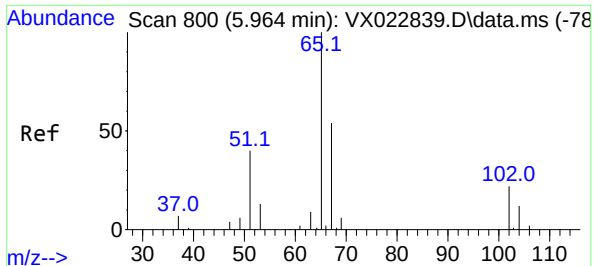
Ion Ratio Lower Upper

56 100

69 16.7 25.3 37.9#

84 75.8 71.4 107.0





#33

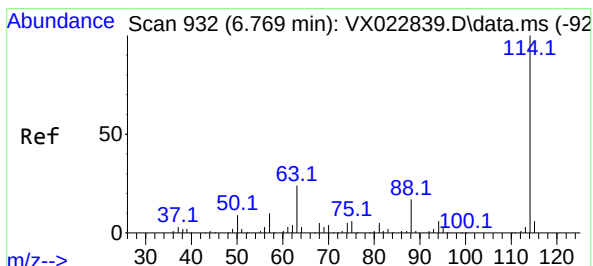
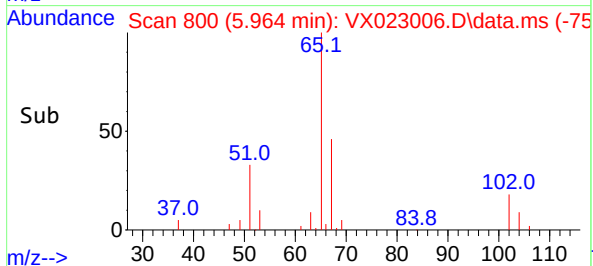
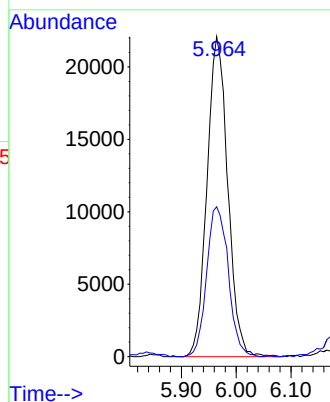
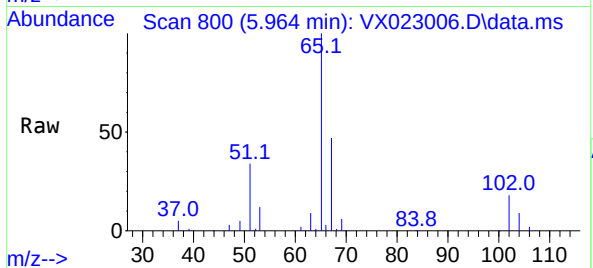
1,2-Dichloroethane-d4
Concen: 57.52 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 65 Resp: 58036
Ion Ratio Lower Upper
65 100
67 48.9 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
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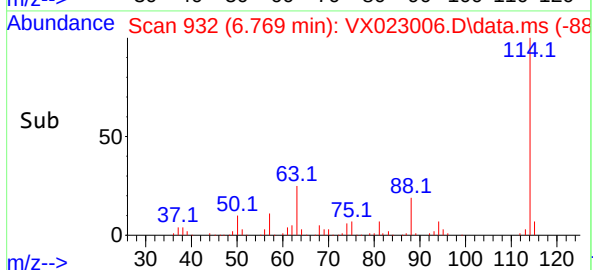
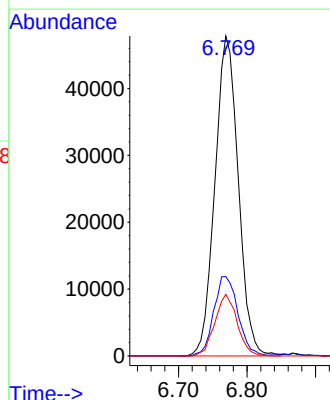
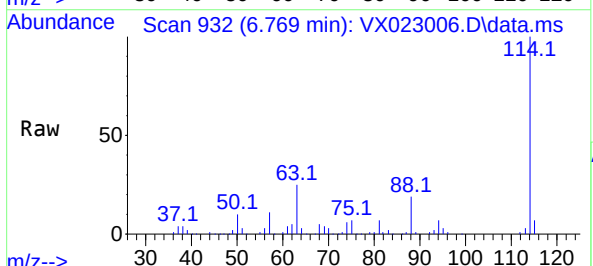
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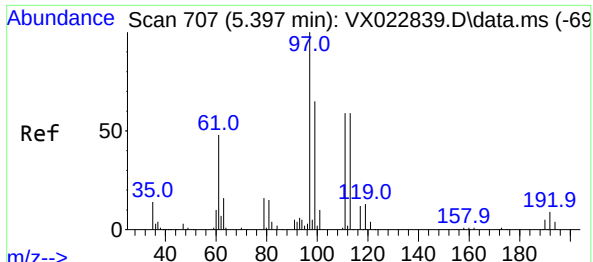


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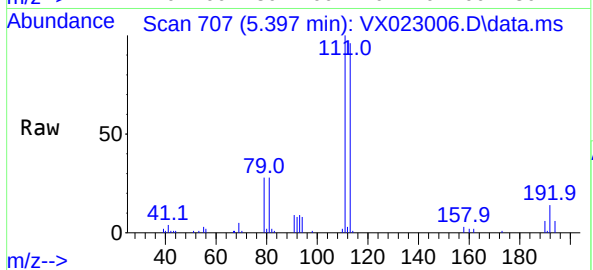
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 114 Resp: 113107
Ion Ratio Lower Upper
114 100
63 24.8 0.0 40.8
88 19.3 0.0 32.8

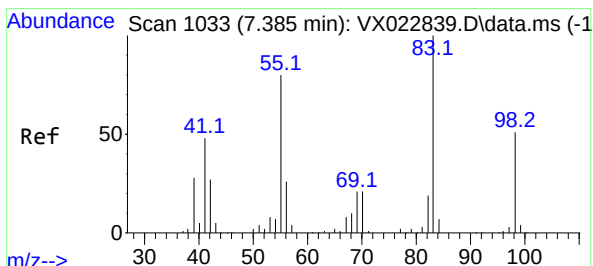
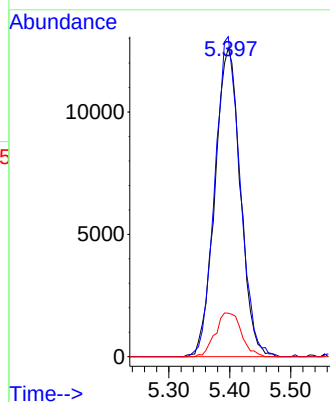
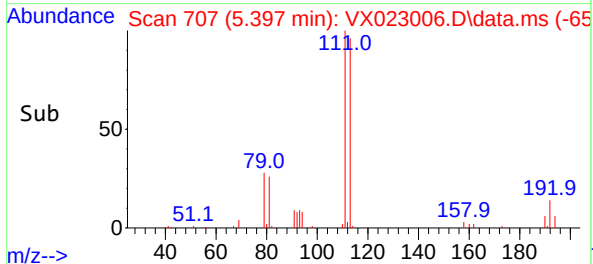




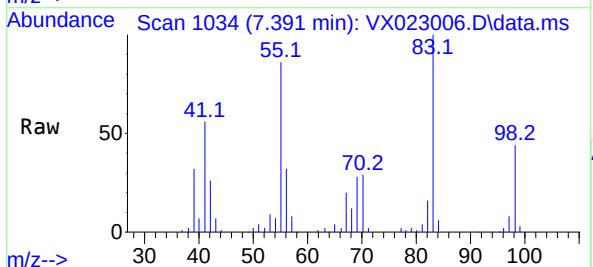
#35
Dibromofluoromethane
Concen: 50.95 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



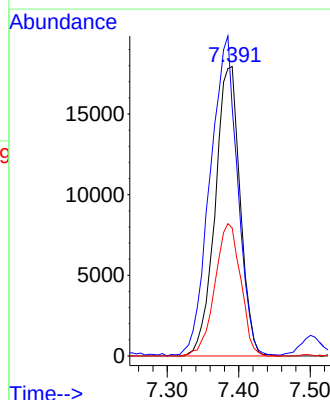
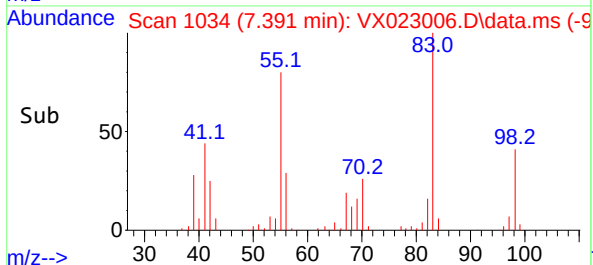
Tgt Ion: 113 Resp: 36595
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 14.5 16.7 25.1#



#39
Methylcyclohexane
Concen: 31.09 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



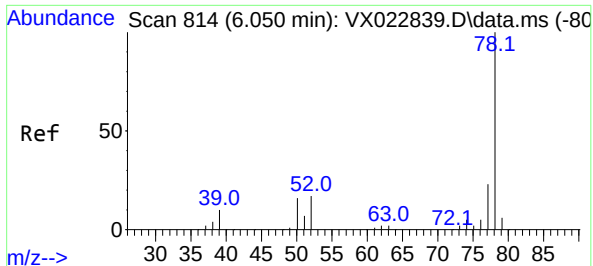
Tgt Ion: 83 Resp: 43573
Ion Ratio Lower Upper
83 100
55 85.4 58.9 88.3
98 44.2 38.1 57.1



Instrument :
MSVOA_X
ClientSampled :
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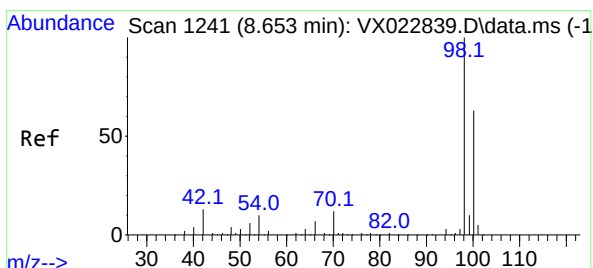
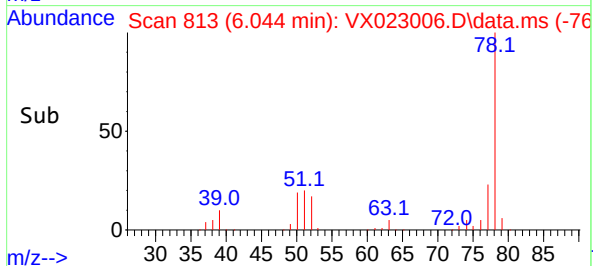
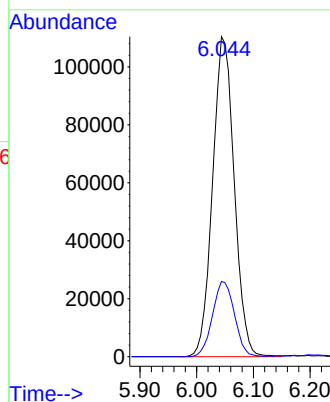
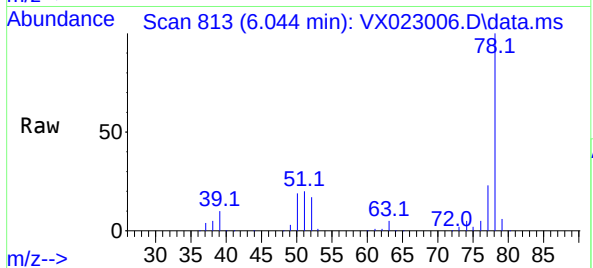
#40
Benzene
Concen: 84.44 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 78 Resp: 292515
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

Instrument :
MSVOA_X
ClientSampled :
MW-3

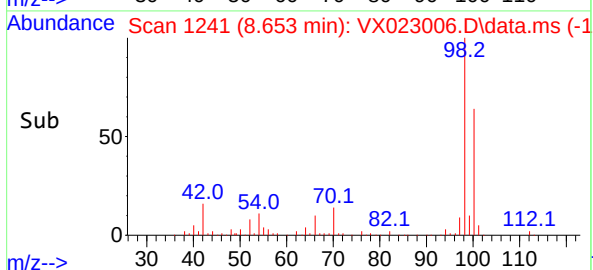
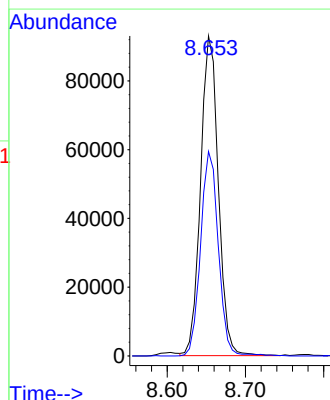
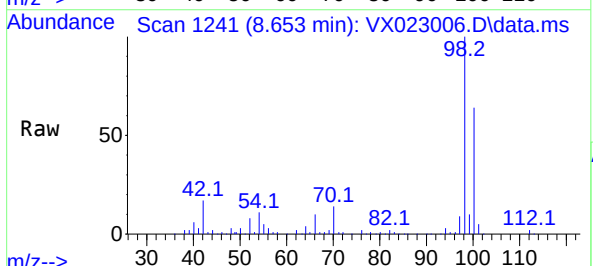
Manual Integrations
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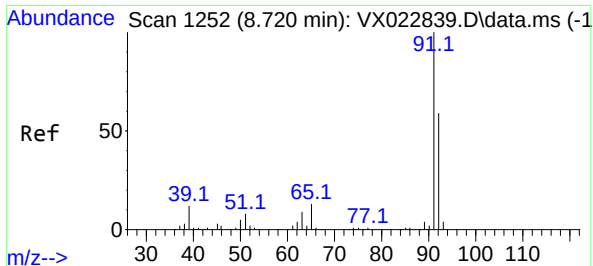
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#50
Toluene-d8
Concen: 52.06 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 98 Resp: 146540
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9





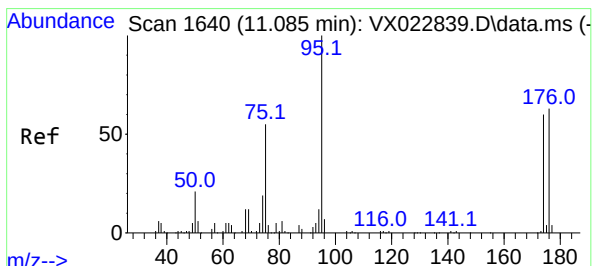
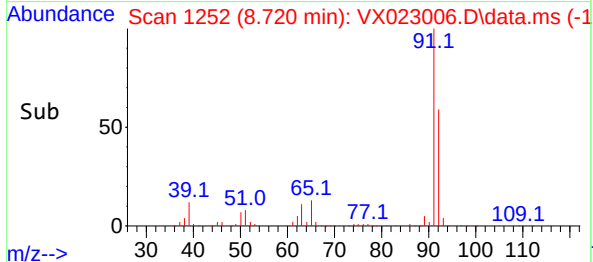
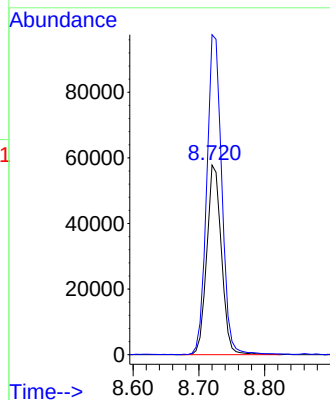
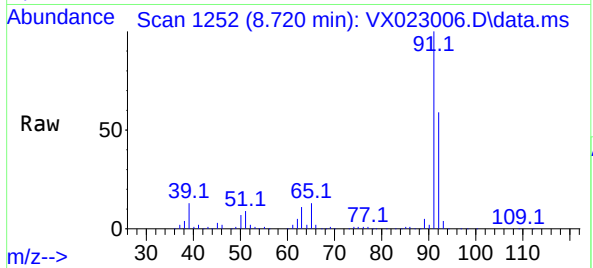
#52
Toluene
Concen: 42.94 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 92 Resp: 89918
Ion Ratio Lower Upper
92 100
91 173.1 137.1 205.7

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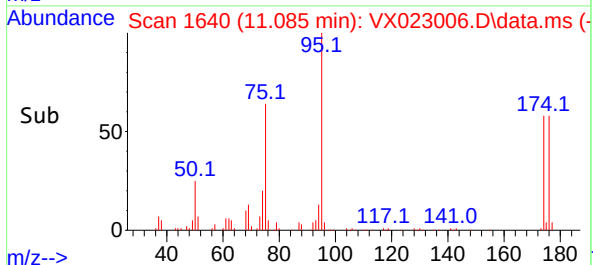
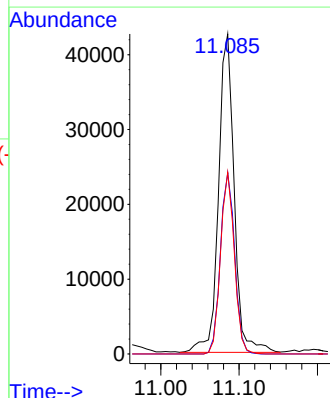
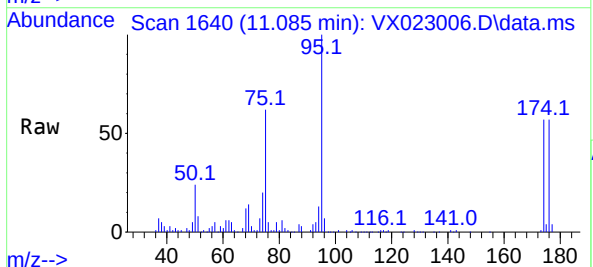
Manual Integrations
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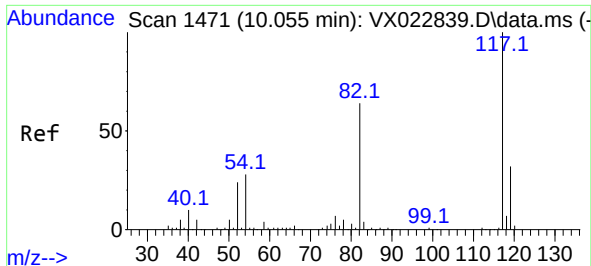
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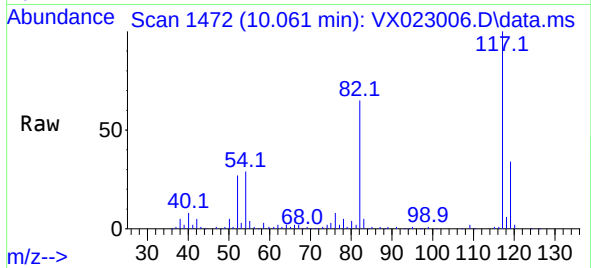
#62
4-Bromofluorobenzene
Concen: 56.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 95 Resp: 59345
Ion Ratio Lower Upper
95 100
174 51.8 0.0 154.6
176 50.3 0.0 155.8

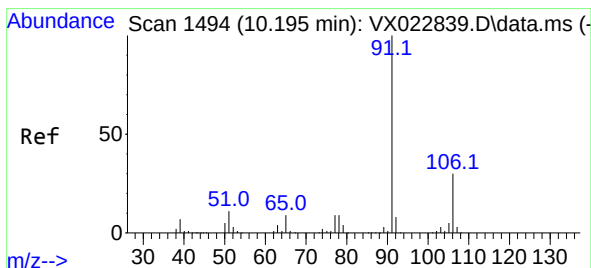
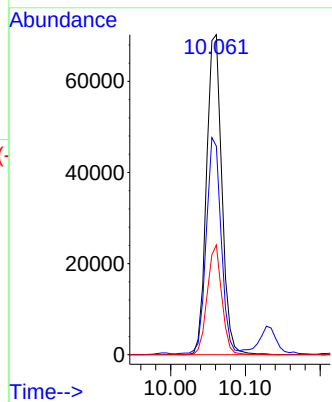
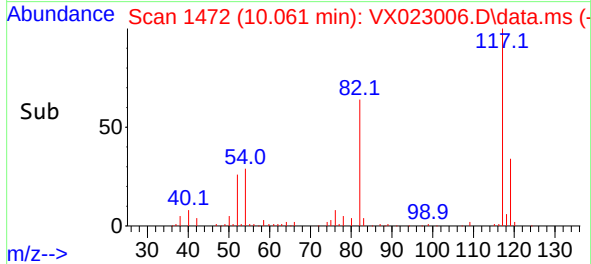




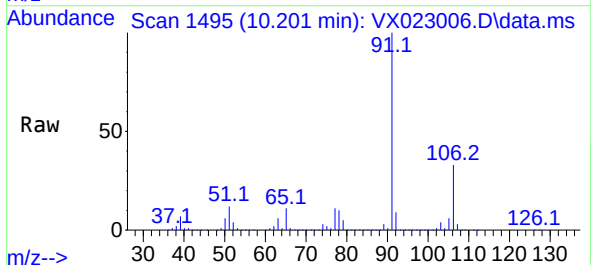
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



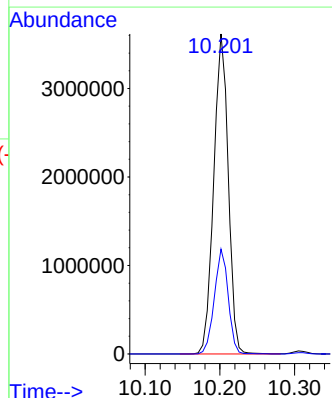
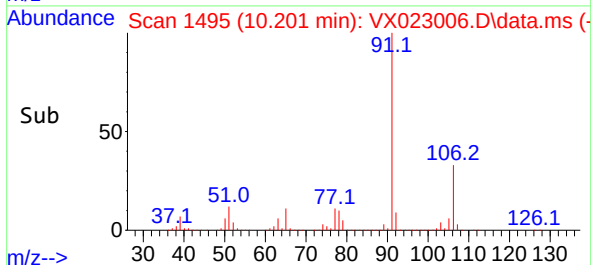
Tgt Ion: 117 Resp: 99923
Ion Ratio Lower Upper
117 100
82 64.7 47.4 71.2
119 34.3 26.6 39.8



#67
Ethyl Benzene
Concen: 1263.24 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



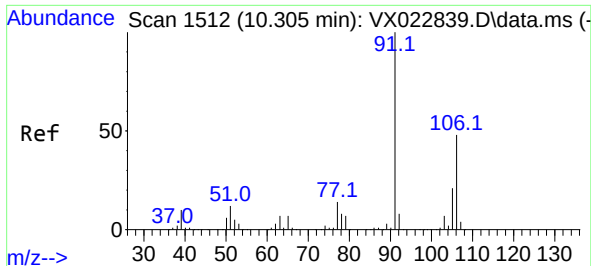
Tgt Ion: 91 Resp: 4894967
Ion Ratio Lower Upper
91 100
106 32.8 24.6 37.0



Instrument :
MSVOA_X
ClientSampled :
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Manual Integrations
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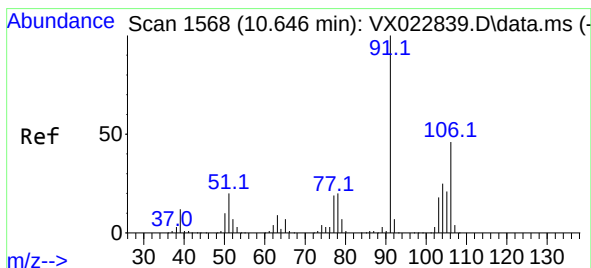
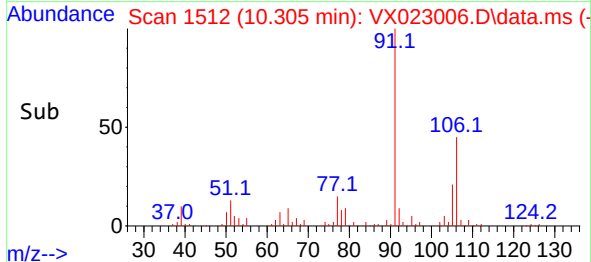
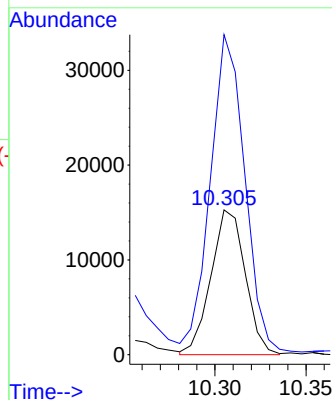
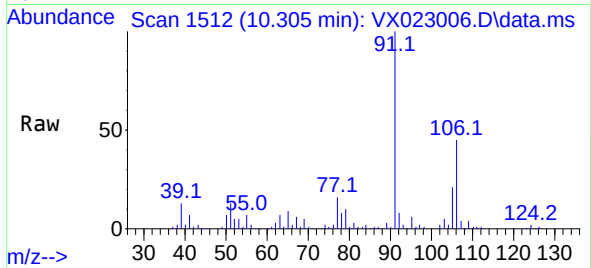
#68
m/p-Xylenes
Concen: 13.93 ug/l m
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion:106 Resp: 20045
Ion Ratio Lower Upper
106 100
91 24419.9 162.8 244.2#

Instrument :
MSVOA_X
ClientSampled :
MW-3

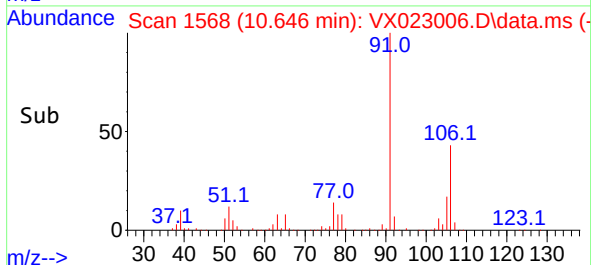
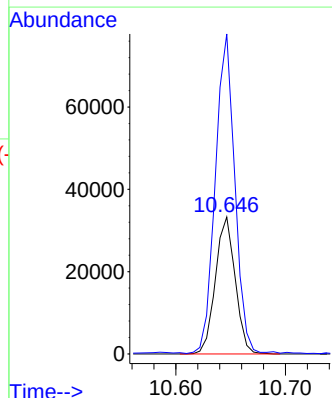
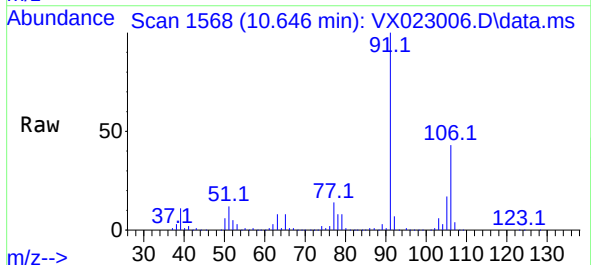
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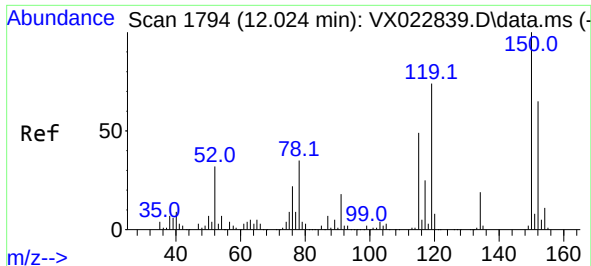
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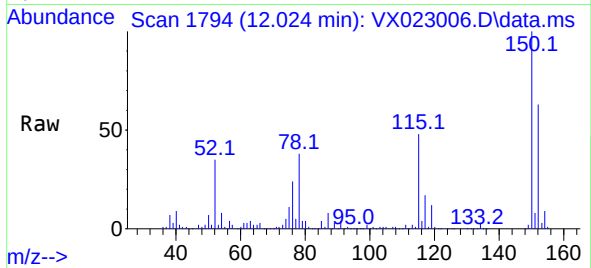
#69
o-Xylene
Concen: 29.79 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion:106 Resp: 41724
Ion Ratio Lower Upper
106 100
91 230.8 108.1 324.2

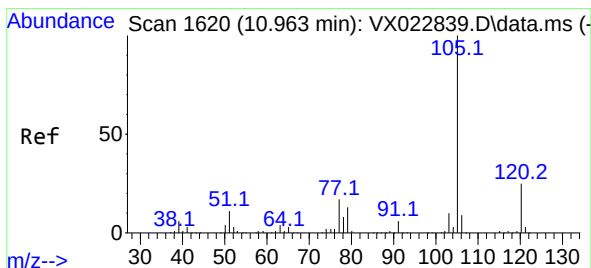
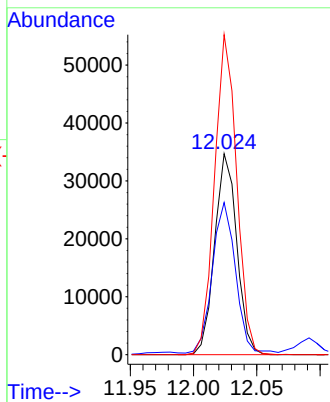
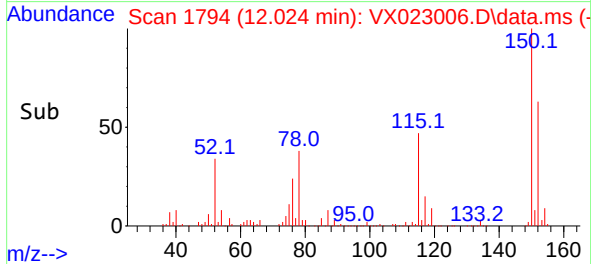




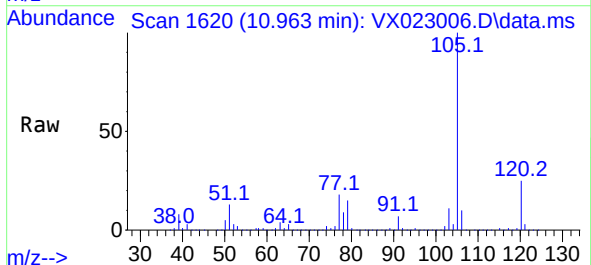
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



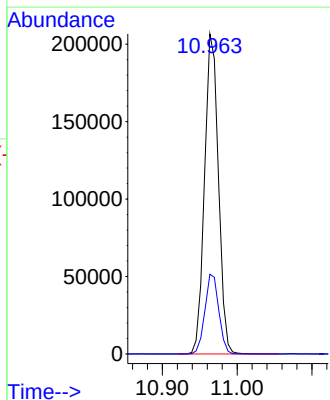
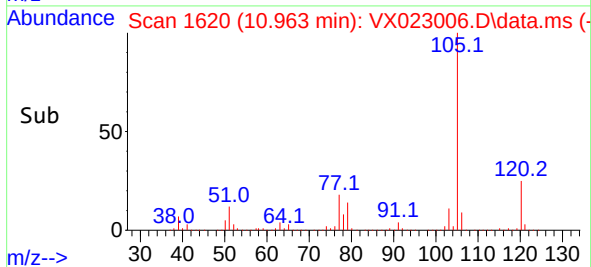
Tgt Ion:152 Resp: 42242
Ion Ratio Lower Upper
152 100
115 77.6 41.1 123.3
150 158.8 0.0 349.0



#73
Isopropylbenzene
Concen: 74.35 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



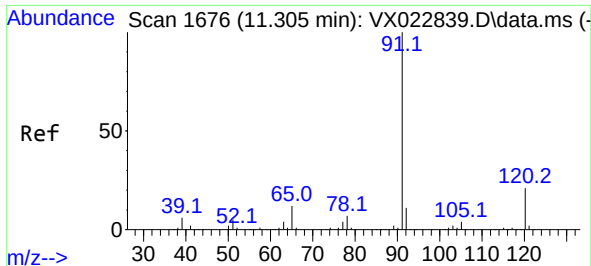
Tgt Ion:105 Resp: 265743
Ion Ratio Lower Upper
105 100
120 25.0 13.2 39.6



Instrument :
MSVOA_X
ClientSampled :
MW-3

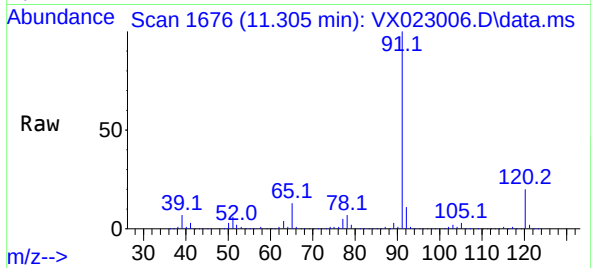
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#78
n-propylbenzene
Concen: 148.53 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

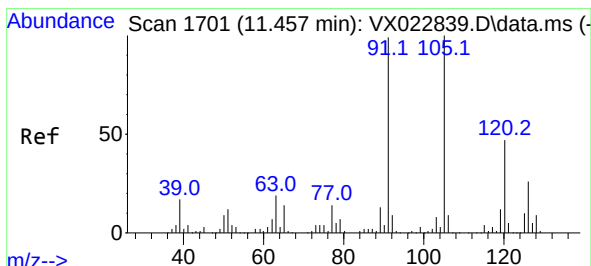
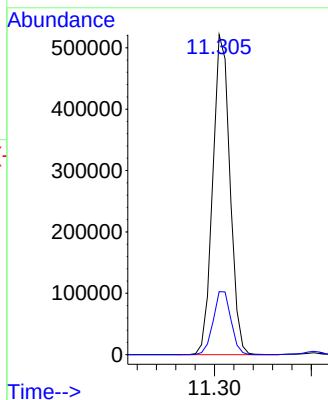
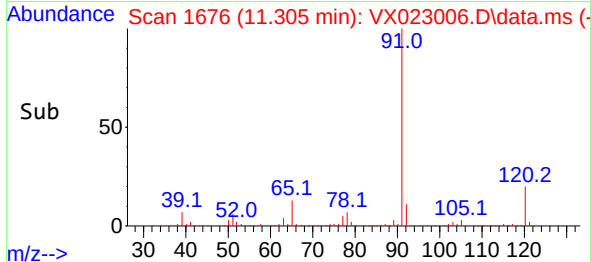
Instrument :
MSVOA_X
ClientSampled :
MW-3



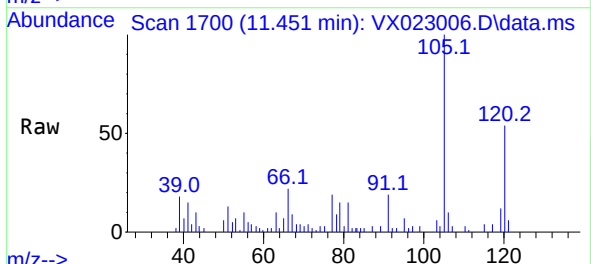
Tgt Ion: 91 Resp: 642378
Ion Ratio Lower Upper
91 100
120 20.4 11.5 34.5

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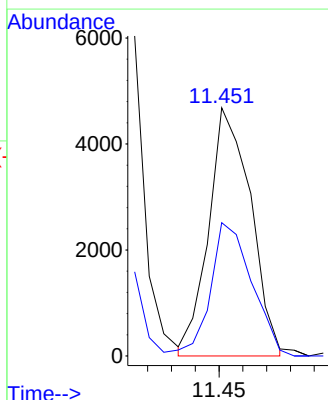
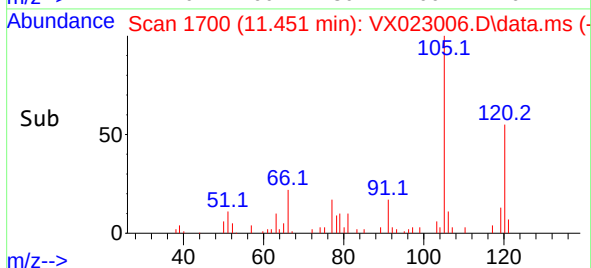
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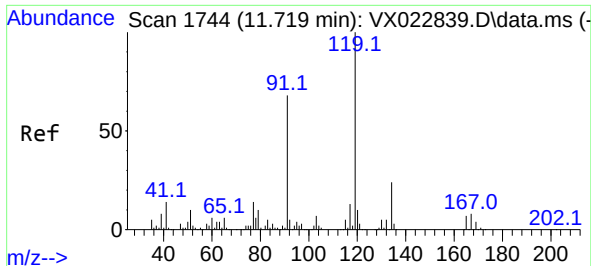


#80
1,3,5-Trimethylbenzene
Concen: 1.96 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



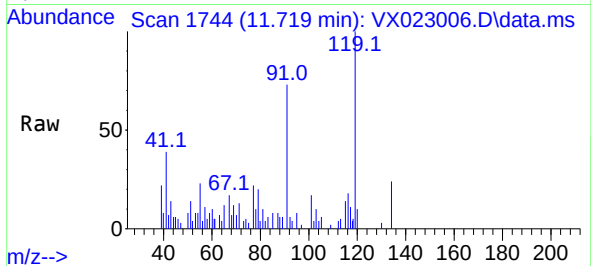
Tgt Ion: 105 Resp: 5739
Ion Ratio Lower Upper
105 100
120 4937.2 23.8 71.5#





#83
tert-Butylbenzene
Concen: 1.26 ug/l m
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

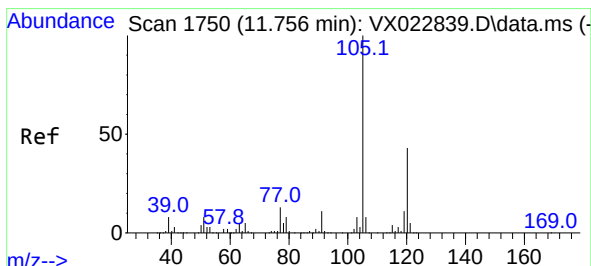
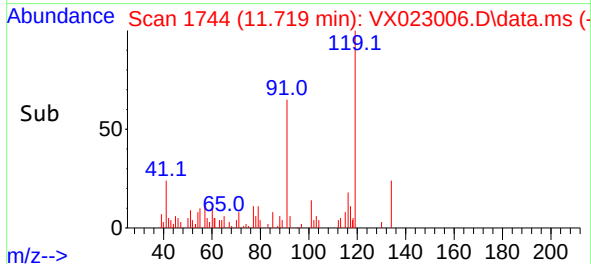
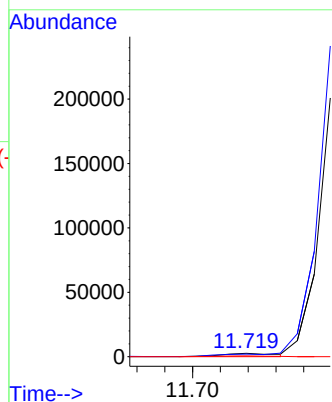
Instrument :
MSVOA_X
ClientSampled :
MW-3



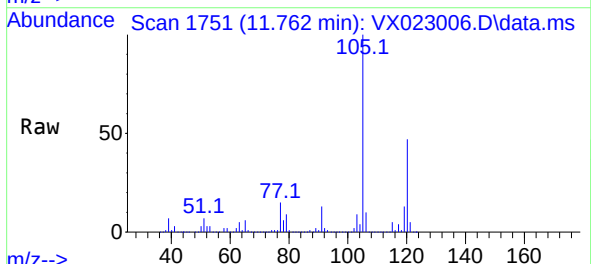
Tgt Ion:119 Resp: 3501
Ion Ratio Lower Upper
119 100
91 17127.9 27.9 83.7#
134 0.0 11.3 33.9#

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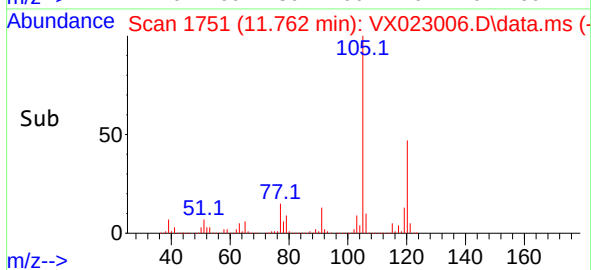
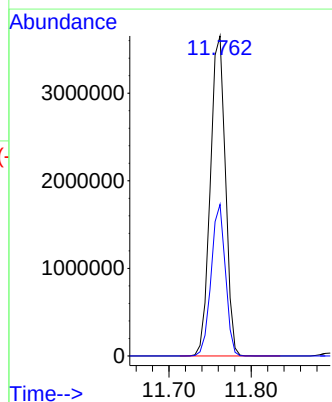
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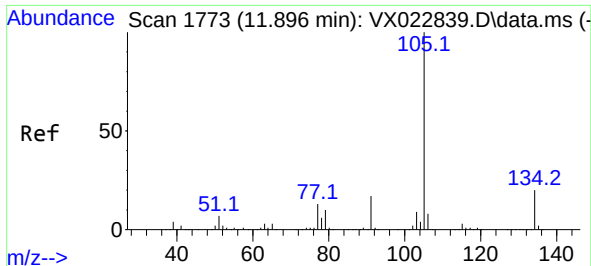


#84
1,2,4-Trimethylbenzene
Concen: 1574.48 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

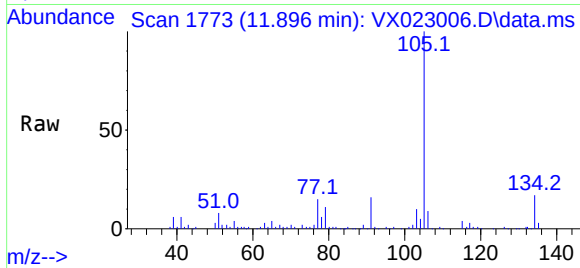


Tgt Ion:105 Resp: 4650946
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3

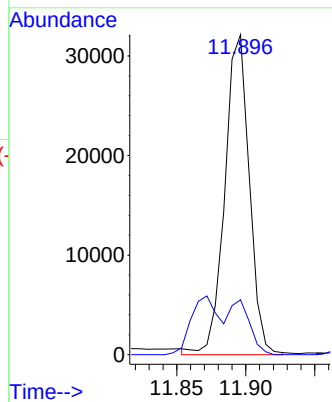
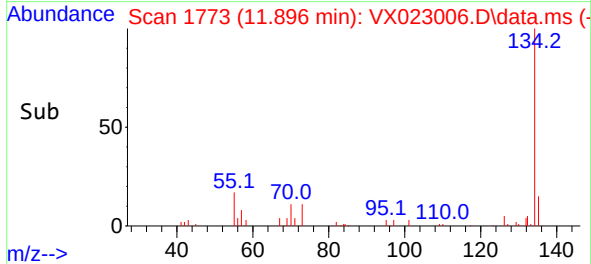




#85
sec-Butylbenzene
Concen: 10.59 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



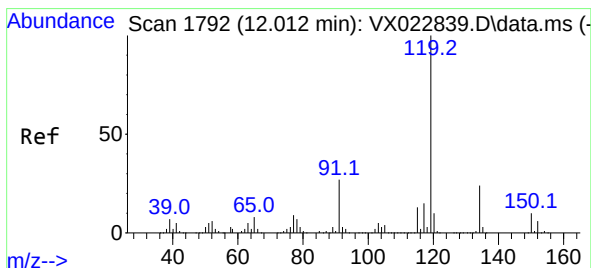
Tgt Ion:105 Resp: 39591
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#



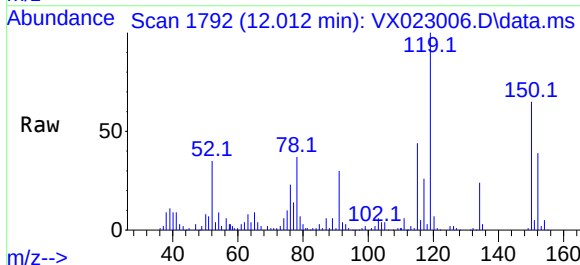
Instrument :
MSVOA_X
ClientSampled :
MW-3

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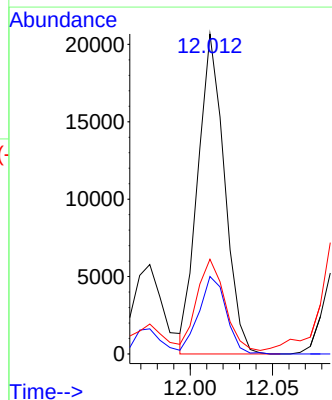
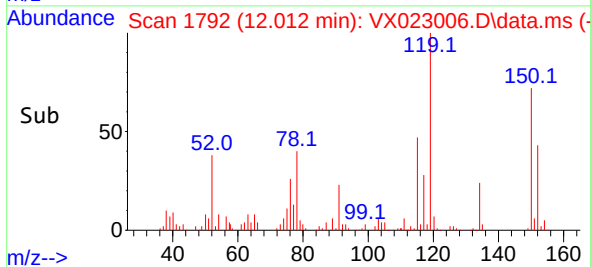
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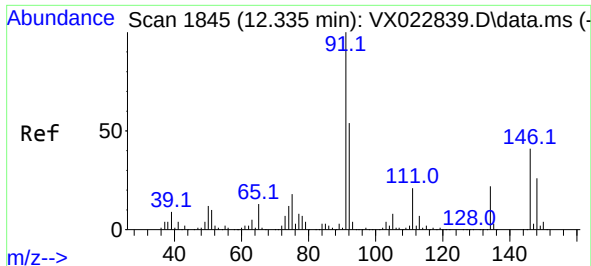


#86
p-Isopropyltoluene
Concen: 7.82 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19



Tgt Ion:119 Resp: 23226
Ion Ratio Lower Upper
119 100
134 24.8 12.9 38.7
91 0.0 11.7 35.0#





#89
n-Butylbenzene
Concen: 19.07 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023006.D
Acq: 29 Jun 2021 16:19

Tgt Ion: 91 Resp: 53860
Ion Ratio Lower Upper
91 100
92 66.6 27.4 82.0
134 123.0 13.2 39.5#

Instrument :
MSVOA_X
ClientSampled :
MW-3

Manual Integrations
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