

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022173.D
 Acq On : 25 May 2021 13:49
 Operator : JC/MD
 Sample : M2504-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:30:16 AM

Quant Time: May 26 01:56:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56356	51.84	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.68%			
35) Dibromofluoromethane	5.397	113	44926	48.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.94%			
50) Toluene-d8	8.653	98	175215	49.58	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.16%			
62) 4-Bromofluorobenzene	11.085	95	59552	45.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.18%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	2290	9.21	ug/l	98
16) Acetone	2.392	43	2575m	5.44	ug/l	
19) Methyl tert-butyl Ether	3.123	73	1280	0.46	ug/l #	74
83) tert-Butylbenzene	11.719	119	2803	0.88	ug/l	81
84) 1,2,4-Trimethylbenzene	11.756	105	1091	0.33	ug/l	100
85) sec-Butylbenzene	11.890	105	2058	0.51	ug/l	85

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

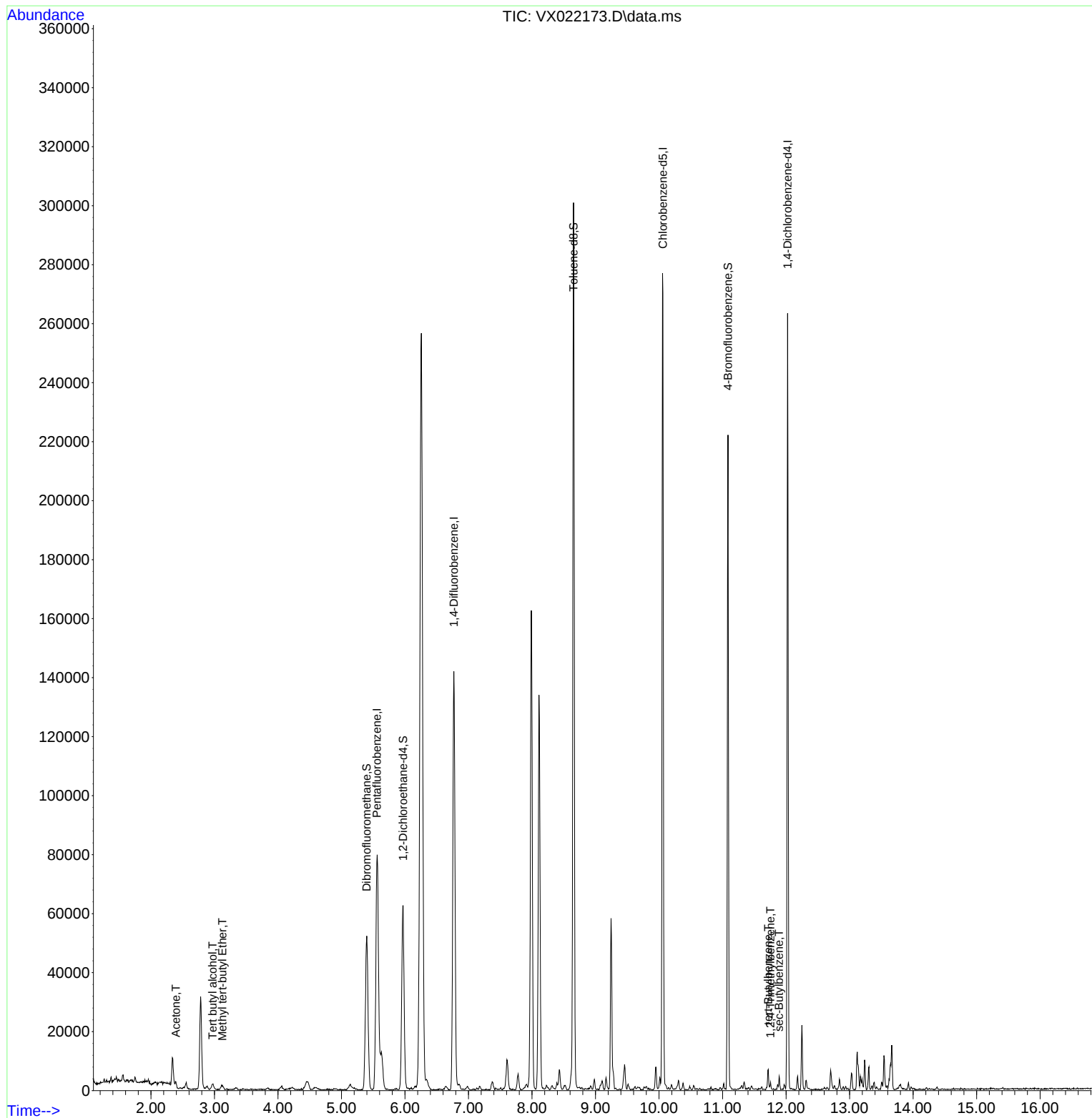
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
Data File : VX022173.D
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Operator : JC/MD
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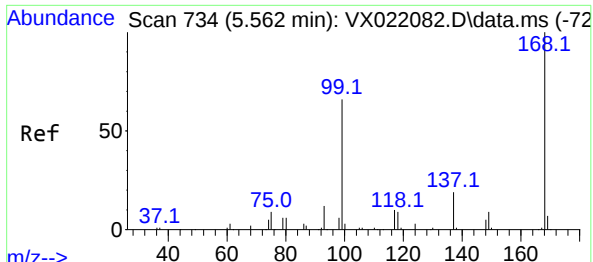
Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
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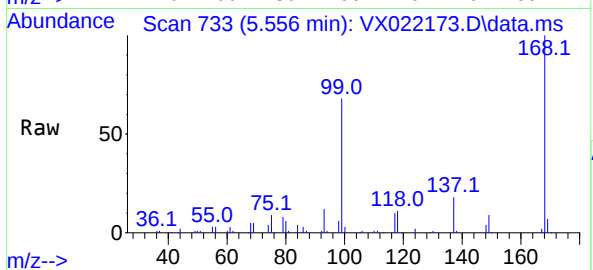
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5/27/2021 10:30:16 AM

Quant Time: May 26 01:56:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

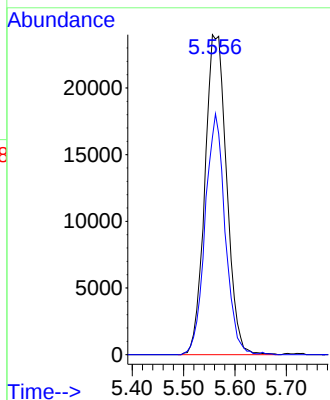
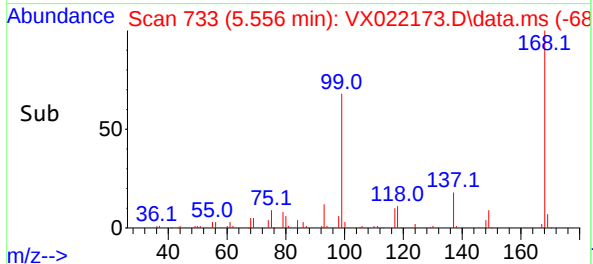




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49



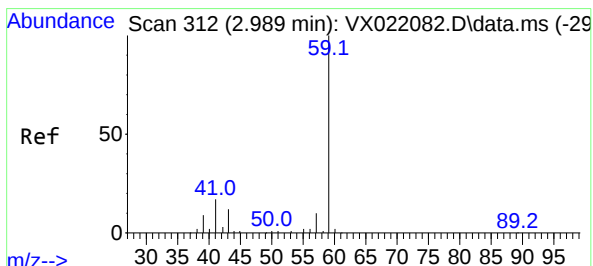
Tgt Ion: 168 Resp: 70473
Ion Ratio Lower Upper
168 100
99 68.0 45.8 68.6



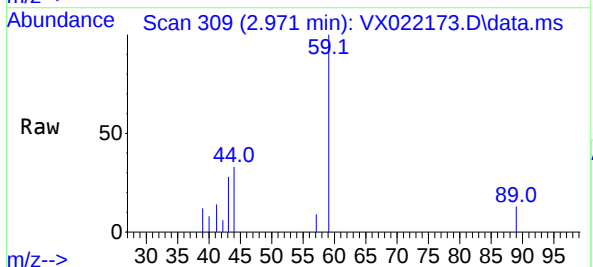
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Manual Integrations
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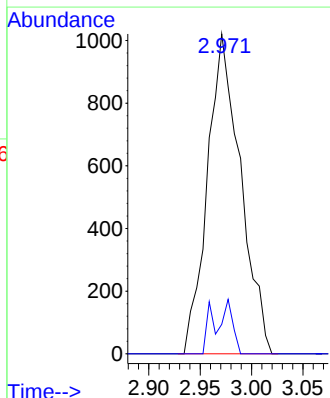
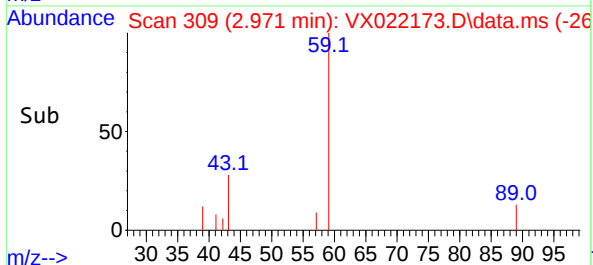
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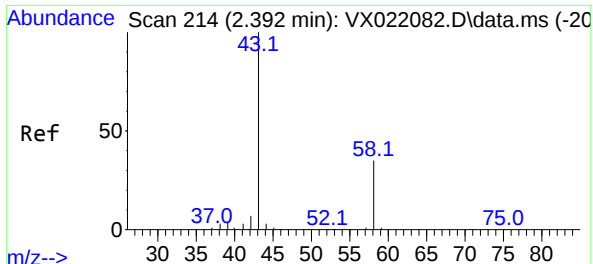


#11
Tert butyl alcohol
Concen: 9.21 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49



Tgt Ion: 59 Resp: 2290
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8





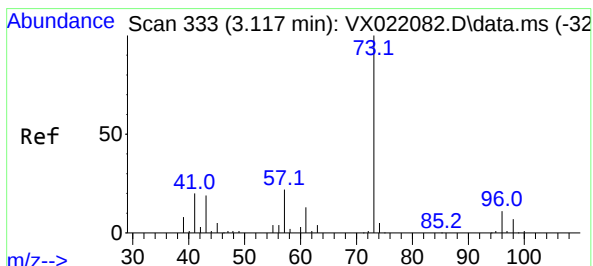
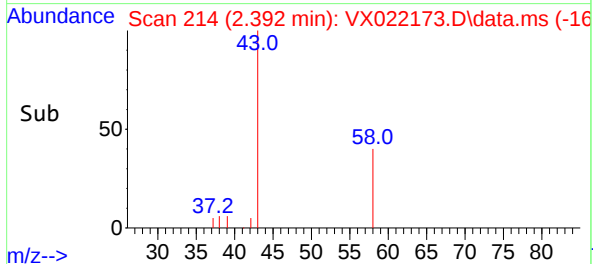
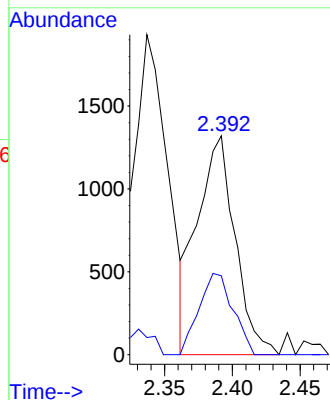
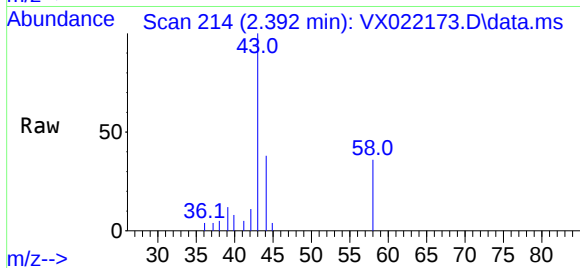
#16
Acetone
Concen: 5.44 ug/l m
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion: 43 Resp: 2575
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8

Instrument :
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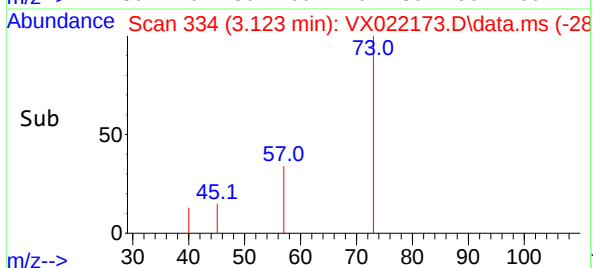
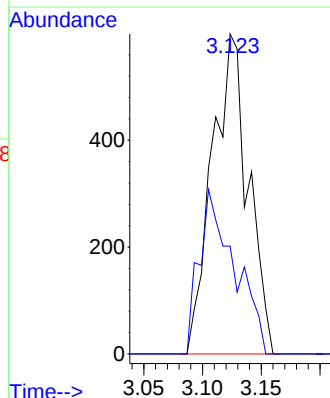
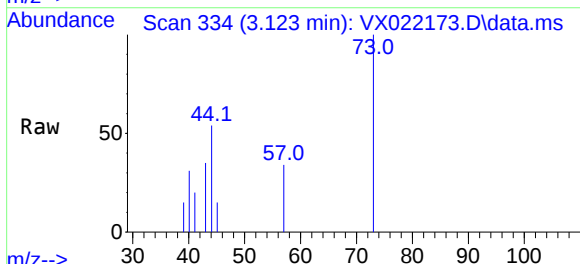
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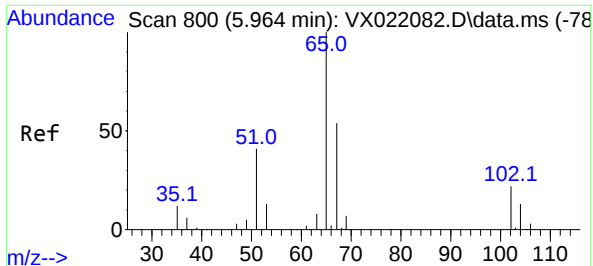
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#19
Methyl tert-butyl Ether
Concen: 0.46 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion: 73 Resp: 1280
Ion Ratio Lower Upper
73 100
57 33.7 17.1 25.7#





#33

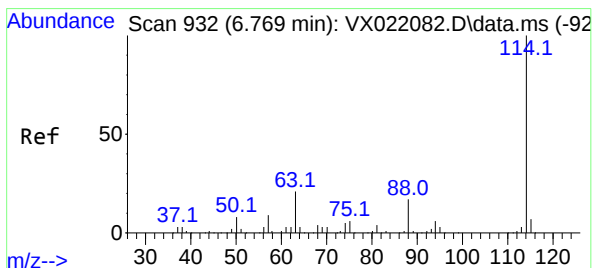
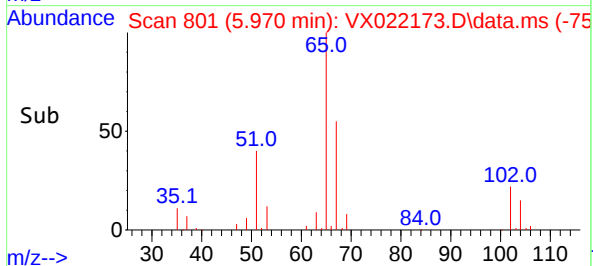
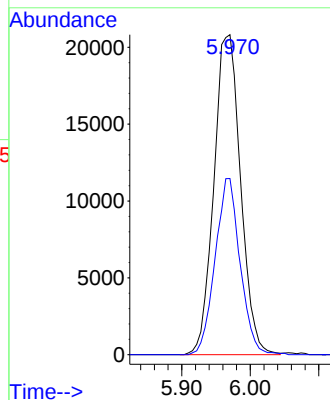
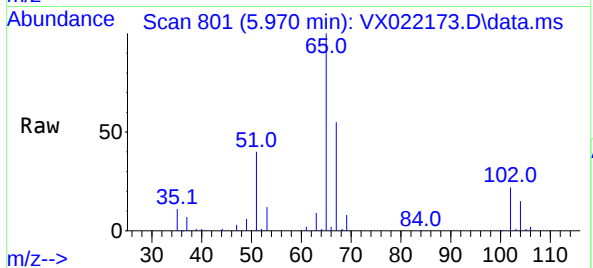
1,2-Dichloroethane-d4
Concen: 51.84 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion: 65 Resp: 56356
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
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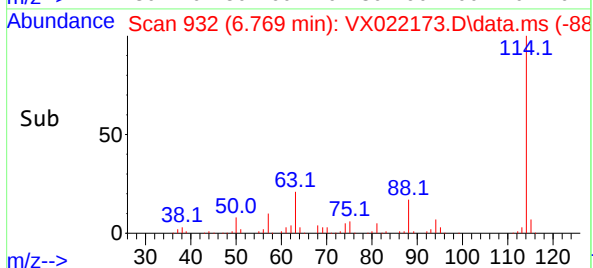
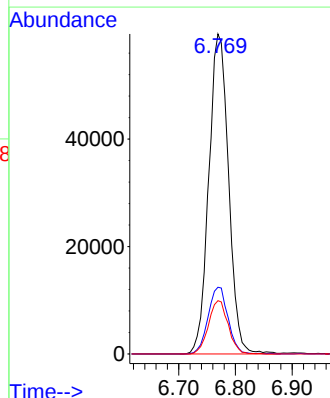
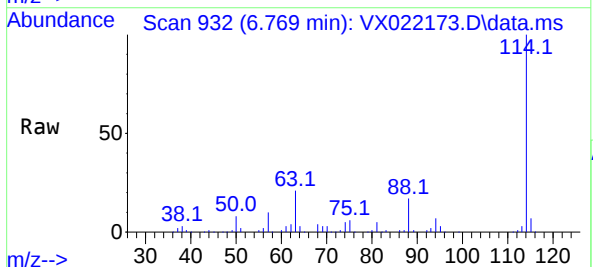
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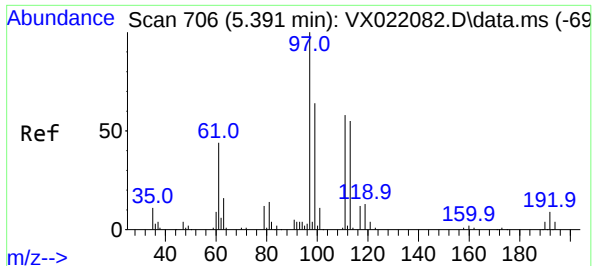


#34

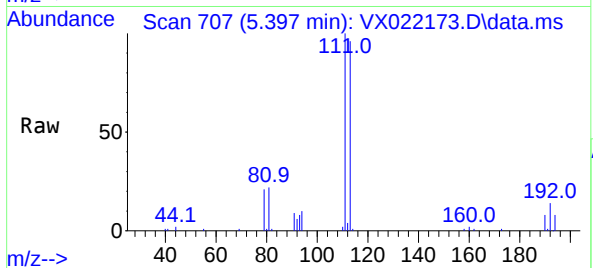
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion: 114 Resp: 144655
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.7 0.0 32.8

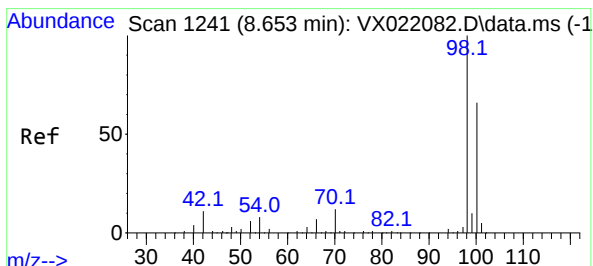
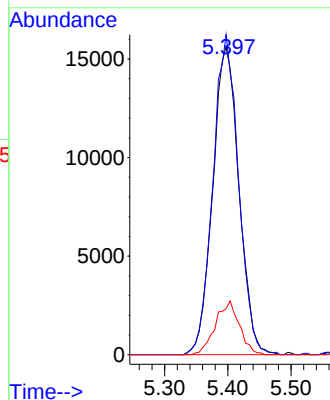
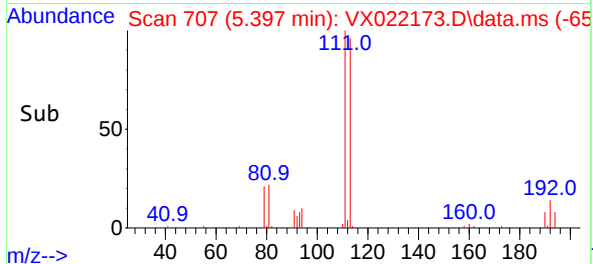




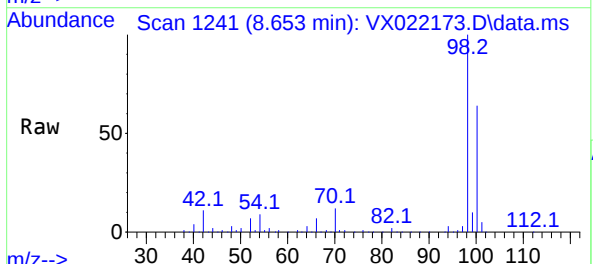
#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49



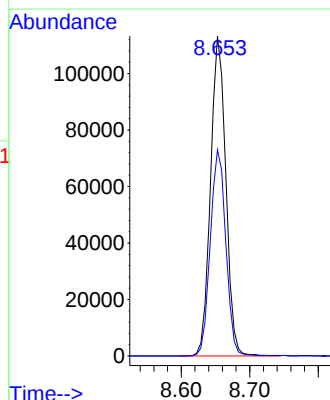
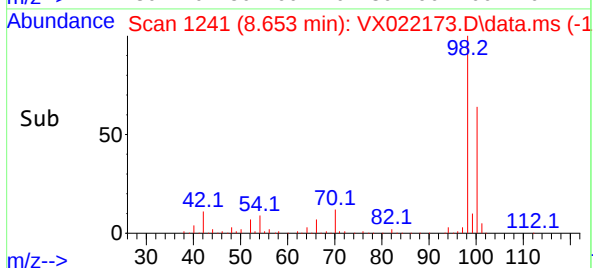
Tgt Ion: 113 Resp: 44926
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 15.9 16.7 25.1#



#50
Toluene-d8
Concen: 49.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49



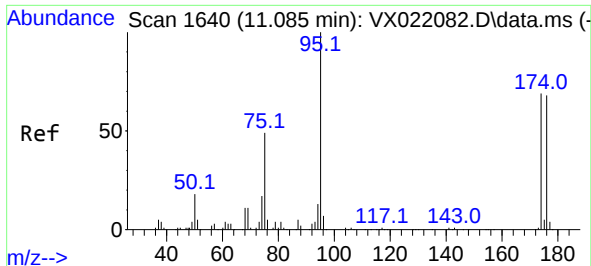
Tgt Ion: 98 Resp: 175215
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



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MSVOA_X
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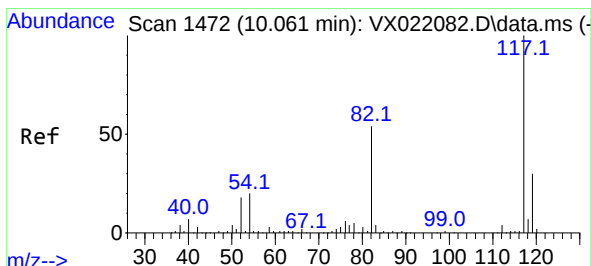
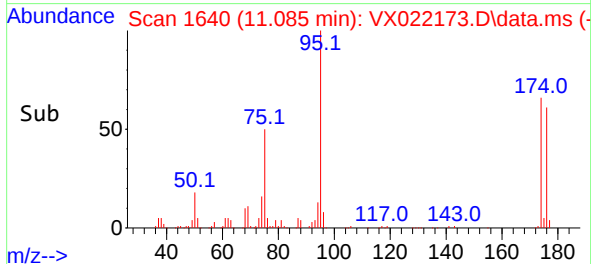
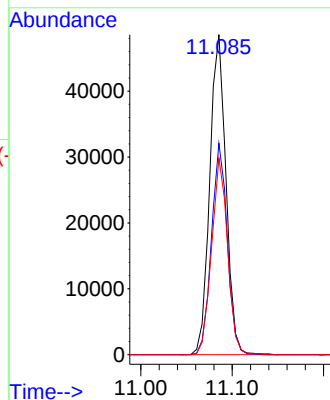
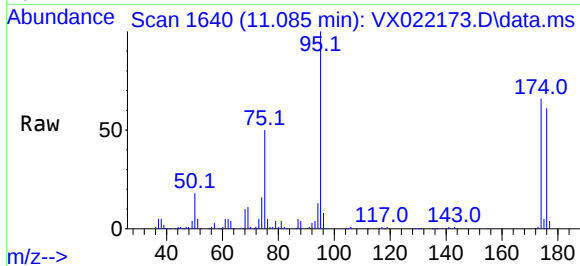
#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion: 95 Resp: 59552
Ion Ratio Lower Upper
95 100
174 64.7 0.0 154.6
176 60.5 0.0 155.8

Instrument :
MSVOA_X
ClientSampled :
MW-2

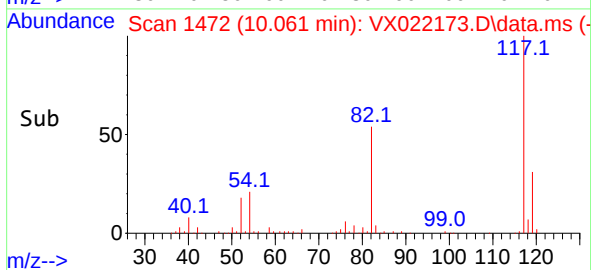
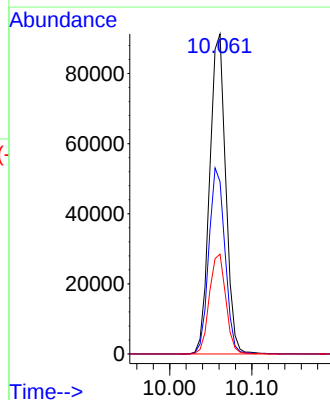
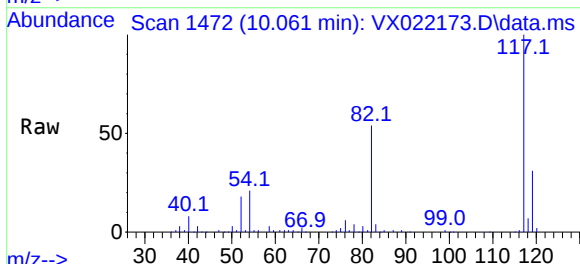
Manual Integrations
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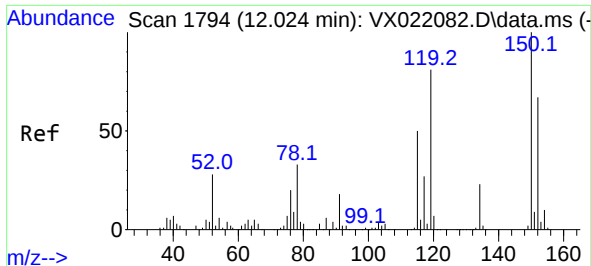
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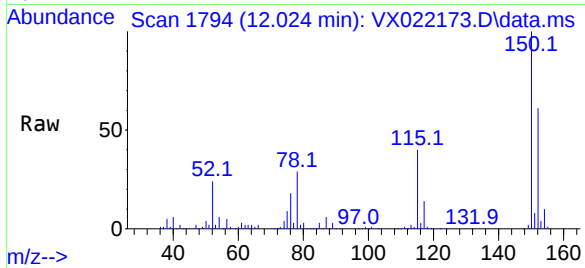
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion: 117 Resp: 123889
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 31.2 26.6 39.8

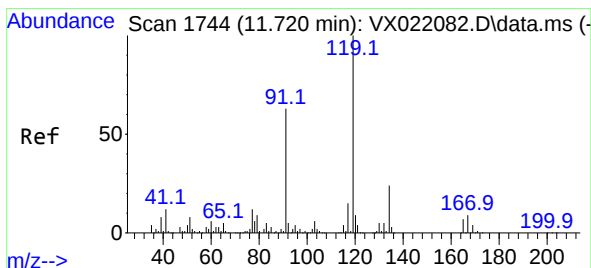
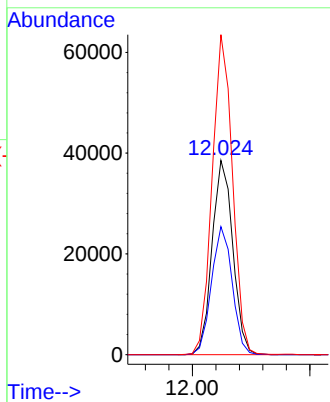
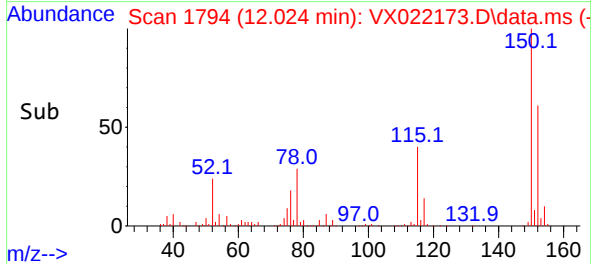




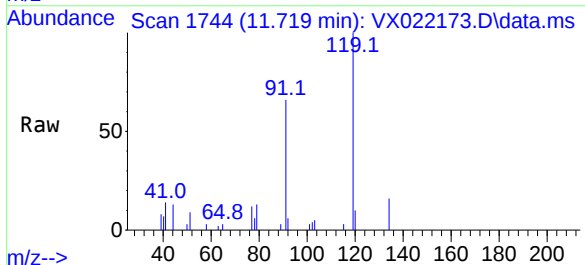
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49



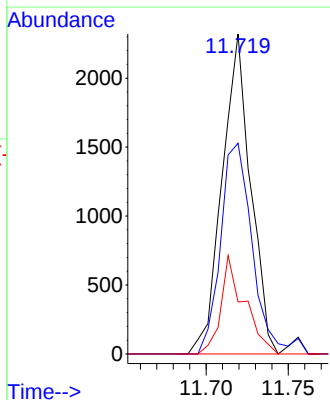
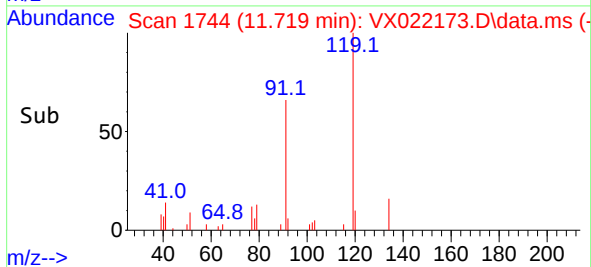
Tgt Ion:152 Resp: 47233
Ion Ratio Lower Upper
152 100
115 66.0 41.1 123.3
150 161.7 0.0 349.0



#83
tert-Butylbenzene
Concen: 0.88 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49



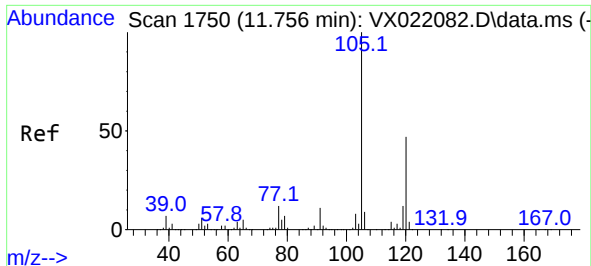
Tgt Ion:119 Resp: 2803
Ion Ratio Lower Upper
119 100
91 73.7 27.9 83.7
134 25.3 11.3 33.9



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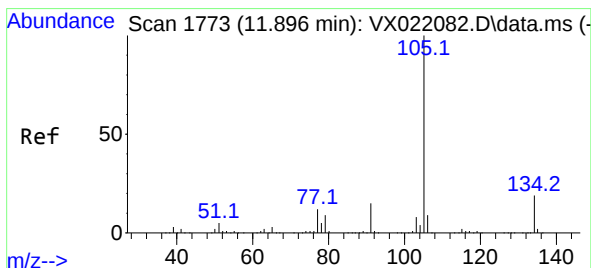
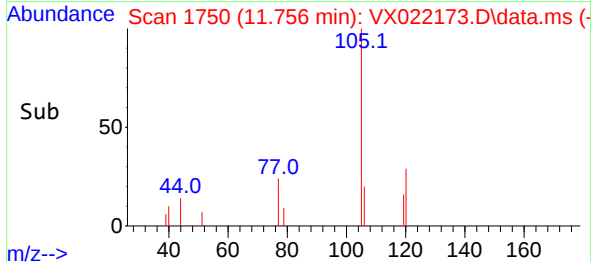
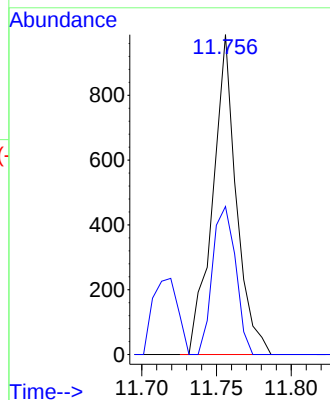
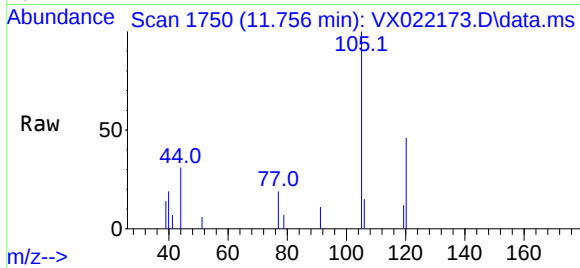
#84
1,2,4-Trimethylbenzene
Concen: 0.33 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion:105 Resp: 1091
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3

Instrument :
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#85
sec-Butylbenzene
Concen: 0.51 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX022173.D
Acq: 25 May 2021 13:49

Tgt Ion:105 Resp: 2058
Ion Ratio Lower Upper
105 100
134 27.0 10.0 29.8

