

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022172.D
 Acq On : 25 May 2021 13:25
 Operator : JC/MD
 Sample : M2504-04DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103DL

Manual Integrations
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 5/27/2021 10:30:14 AM

Quant Time: May 26 01:56:08 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	5.562	168	71423	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	145339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	128676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55978	50.81	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.62%			
35) Dibromofluoromethane	5.397	113	44764	48.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.14%			
50) Toluene-d8	8.653	98	178957	50.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.82%			
62) 4-Bromofluorobenzene	11.085	95	61750	47.06	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.12%			
Target Compounds						Qvalue
31) Cyclohexane	5.483	56	3633	2.62	ug/l	# 60
39) Methylcyclohexane	7.385	83	3423	2.25	ug/l	93
40) Benzene	6.050	78	22614	5.47	ug/l	100
51) 4-Methyl-2-Pentanone	8.586	43	2471	1.53	ug/l	# 83
52) Toluene	8.720	92	2282	0.87	ug/l	96
67) Ethyl Benzene	10.195	91	313975	63.72	ug/l	98
68) m/p-Xylenes	10.305	106	159172	85.47	ug/l	100
69) o-Xylene	10.646	106	2019	1.11	ug/l	93
73) Isopropylbenzene	10.963	105	16140	3.86	ug/l	96
78) n-propylbenzene	11.305	91	29469	6.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	71470	20.61	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	234223	67.12	ug/l	100
85) sec-Butylbenzene	11.896	105	1408m	0.33	ug/l	
95) Naphthalene	13.780	128	68478	17.71	ug/l	99

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

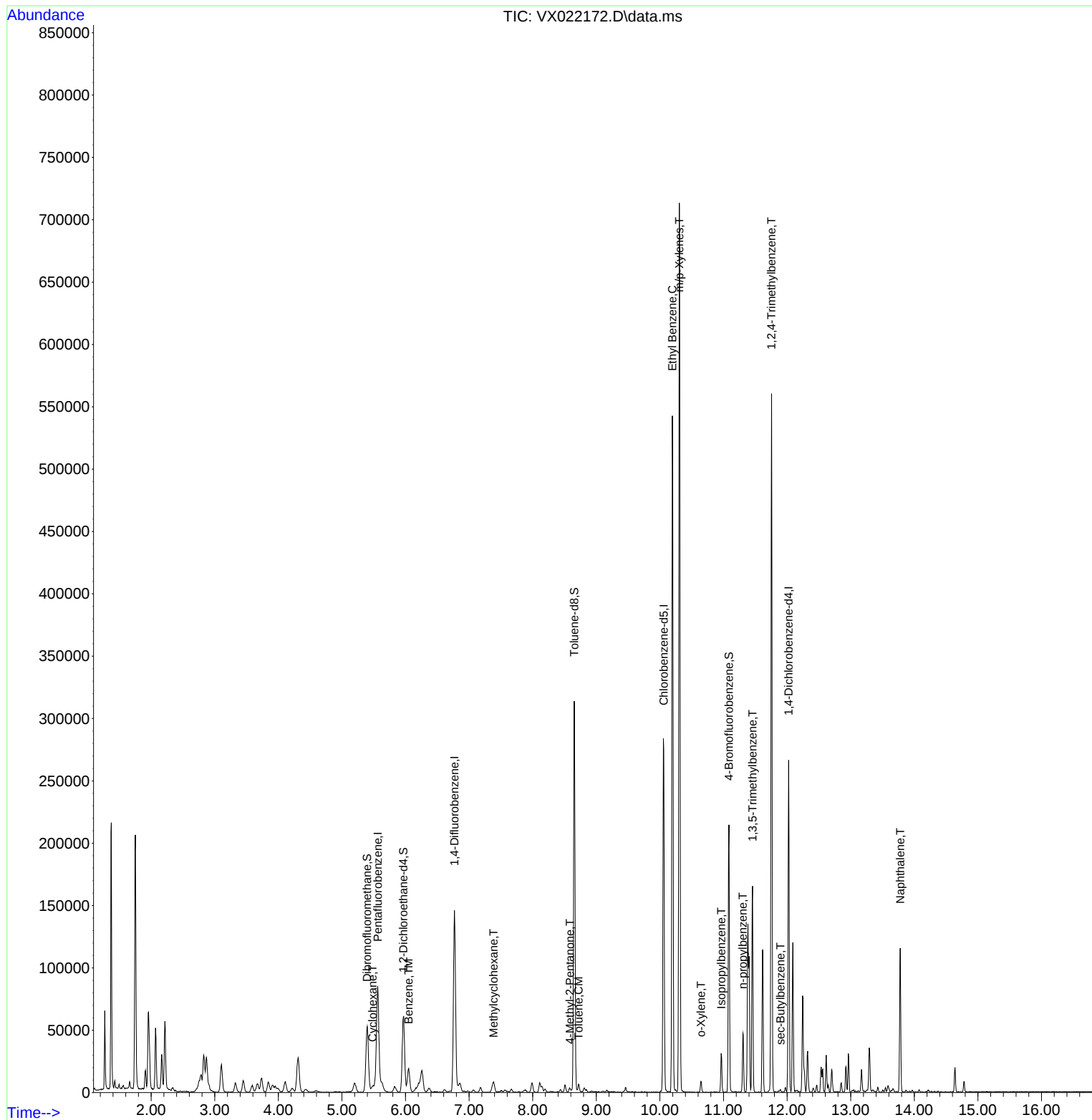
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Data File : VX022172.D
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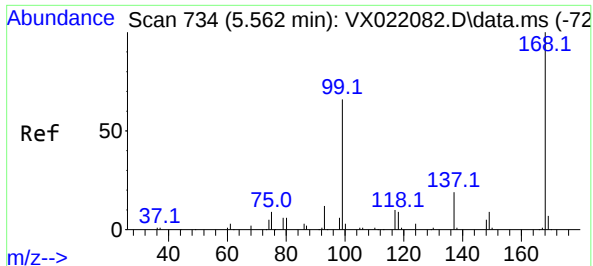
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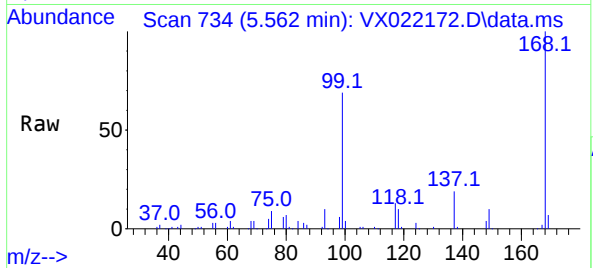
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Quant Time: May 26 01:56:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

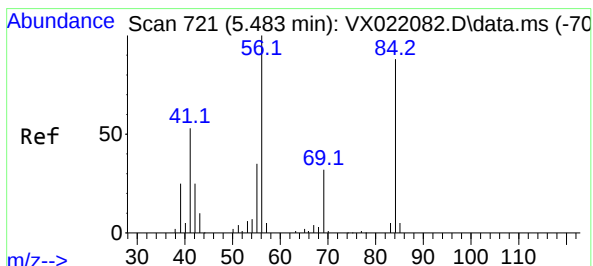
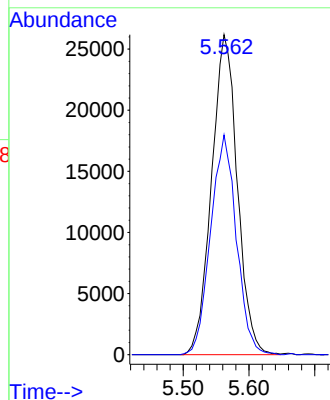
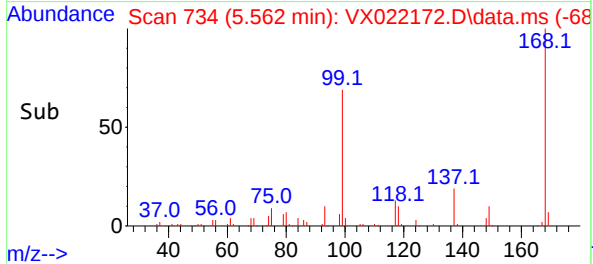




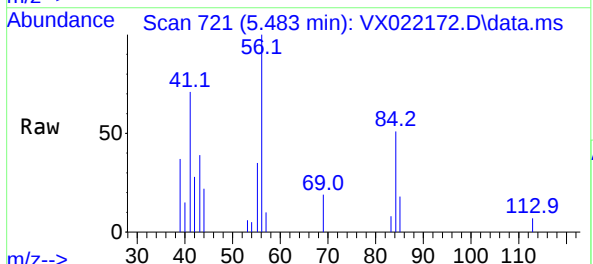
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25



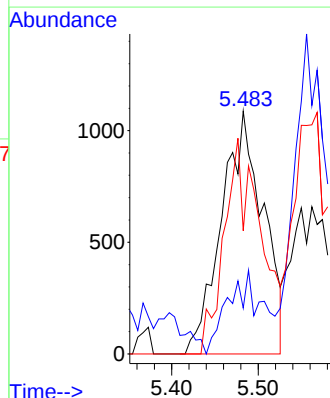
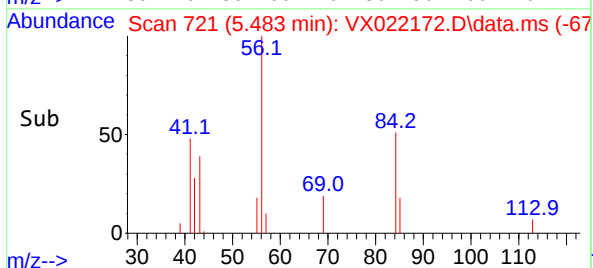
Tgt Ion: 168 Resp: 71423
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#



#31
Cyclohexane
Concen: 2.62 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25



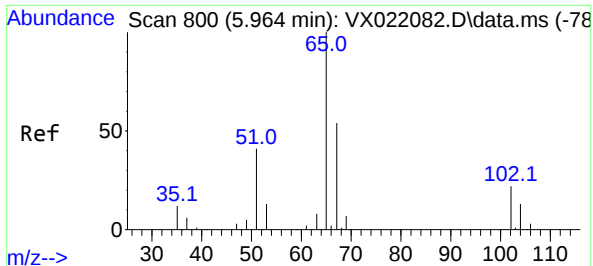
Tgt Ion: 56 Resp: 3633
Ion Ratio Lower Upper
56 100
69 11.3 25.3 37.9#
84 50.7 71.4 107.0#



Instrument :
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#33

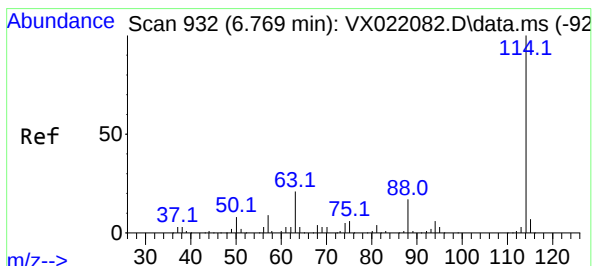
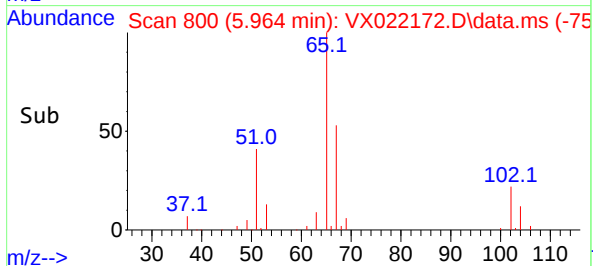
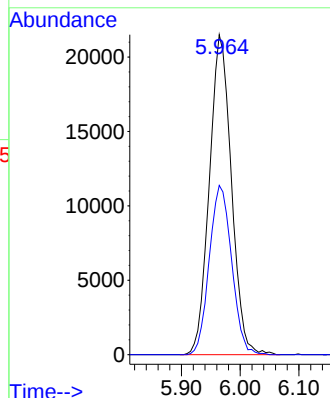
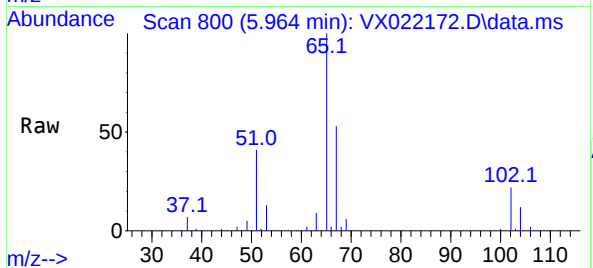
1,2-Dichloroethane-d4
Concen: 50.81 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022172.D
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Tgt Ion: 65 Resp: 55978
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

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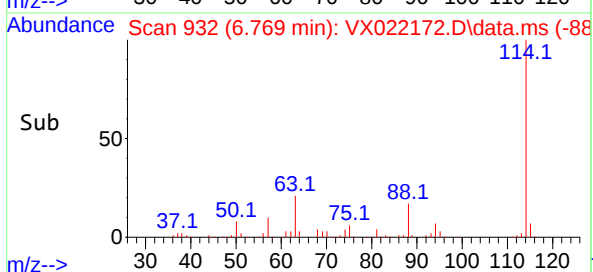
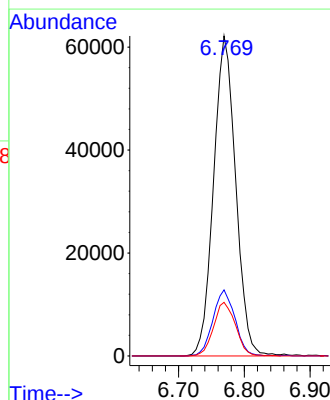
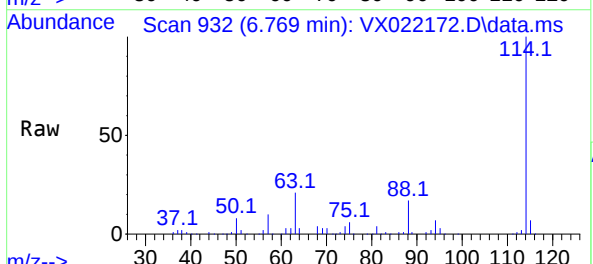
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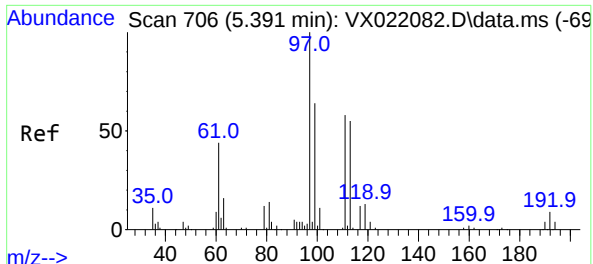


#34

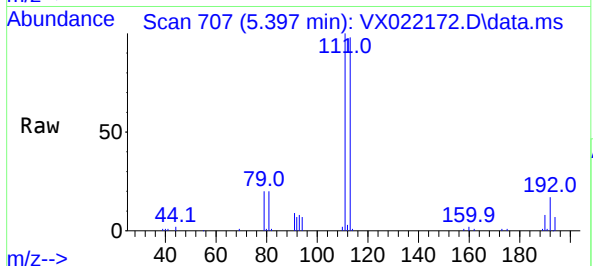
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 114 Resp: 145339
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.7 0.0 32.8

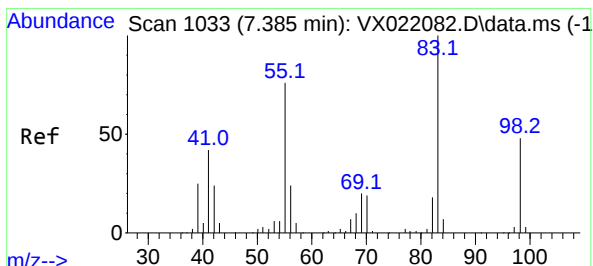
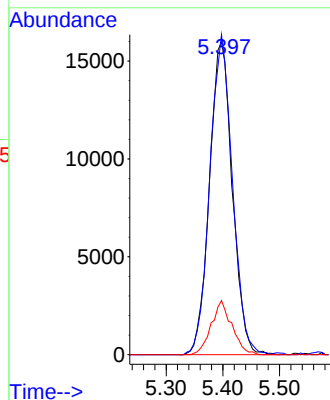
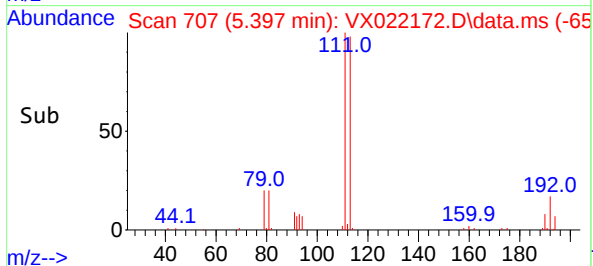




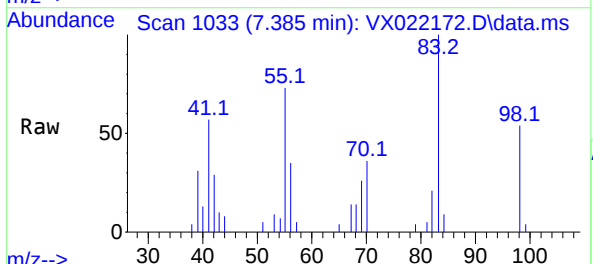
#35
Dibromofluoromethane
Concen: 48.57 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25



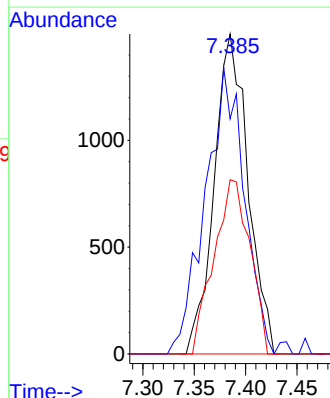
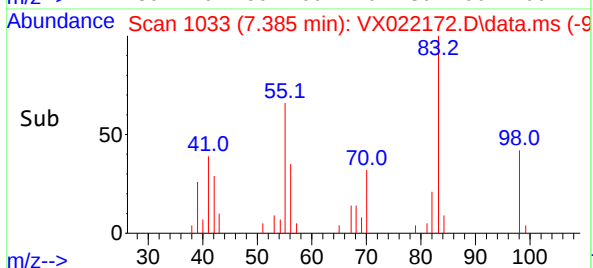
Tgt Ion: 113 Resp: 44764
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 15.6 16.7 25.1#



#39
Methylcyclohexane
Concen: 2.25 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25



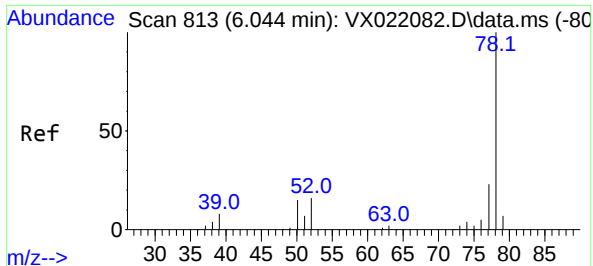
Tgt Ion: 83 Resp: 3423
Ion Ratio Lower Upper
83 100
55 70.0 58.9 88.3
98 54.5 38.1 57.1



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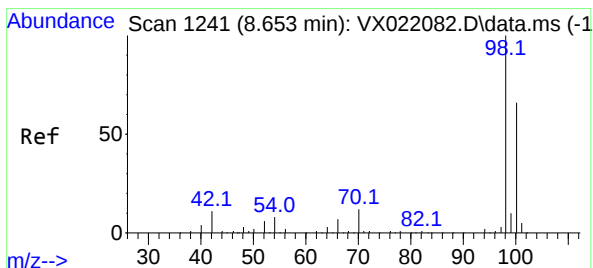
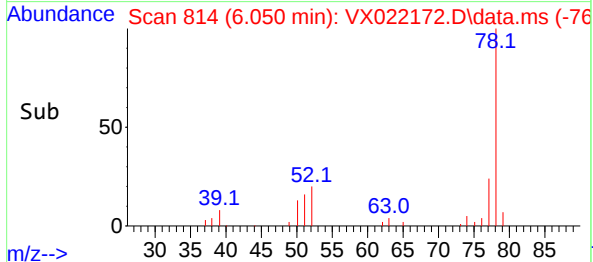
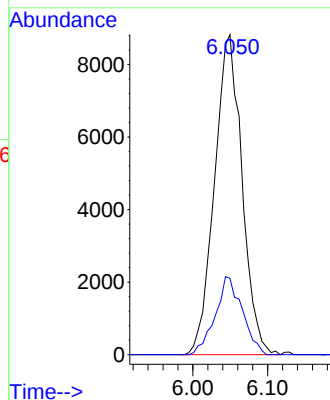
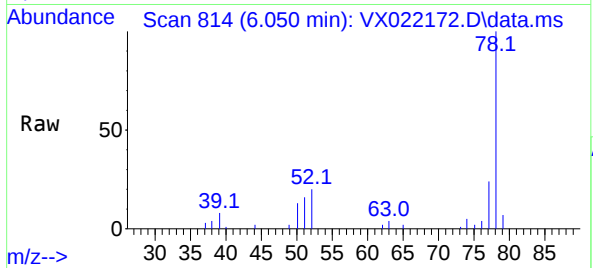
#40
Benzene
Concen: 5.47 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 78 Resp: 22614
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

Instrument :
MSVOA_X
ClientSampled :
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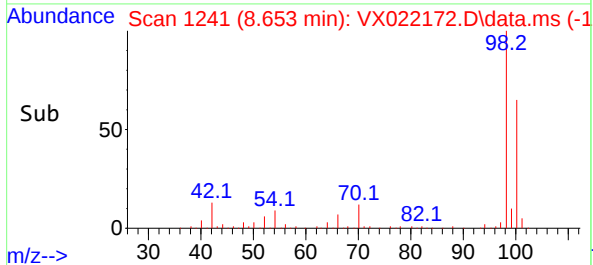
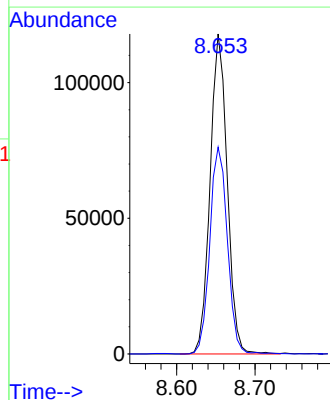
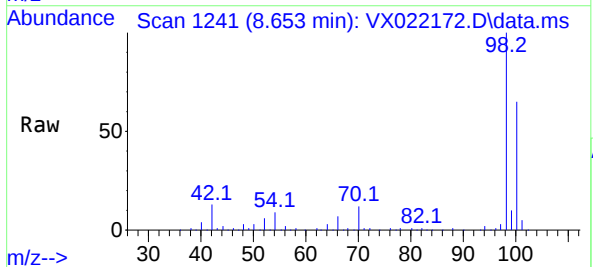
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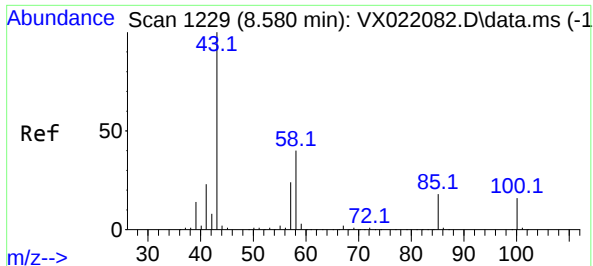
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#50
Toluene-d8
Concen: 50.41 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 98 Resp: 178957
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9





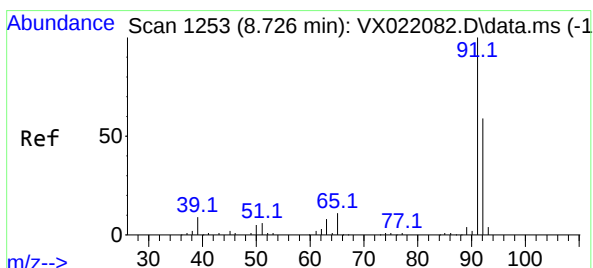
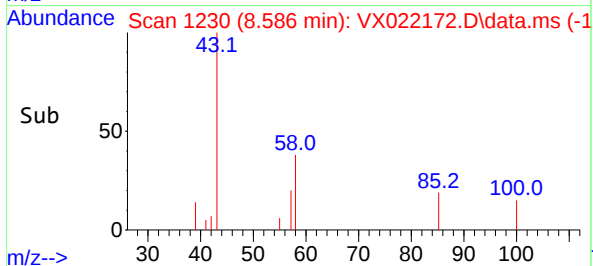
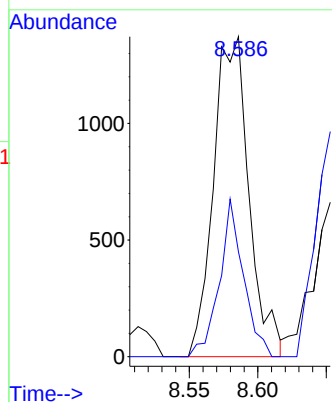
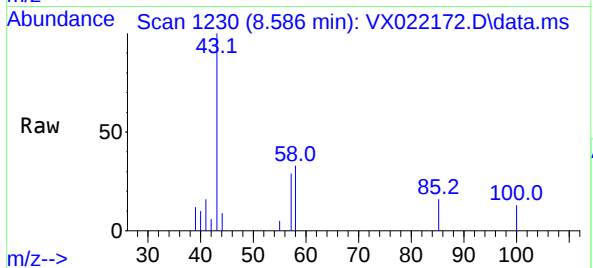
#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
58 33.4 35.4 53.0#

Instrument :
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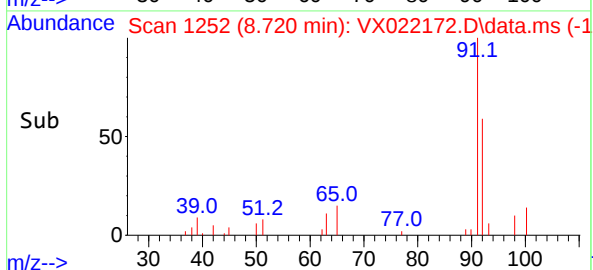
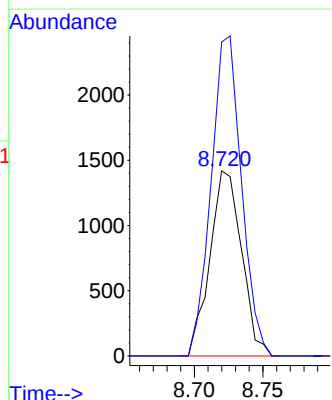
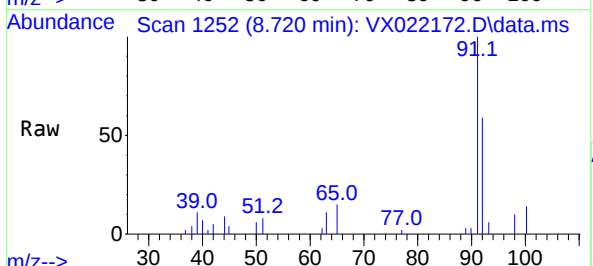
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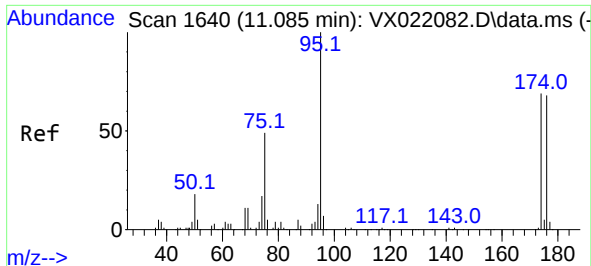
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#52
Toluene
Concen: 0.87 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 92 Resp: 2282
Ion Ratio Lower Upper
92 100
91 165.4 137.1 205.7





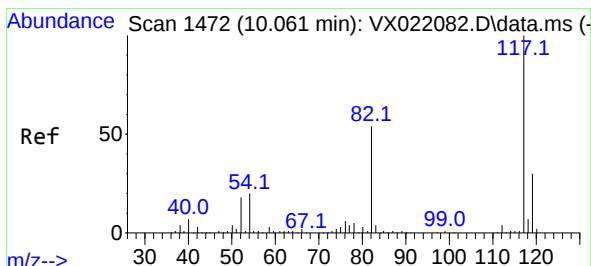
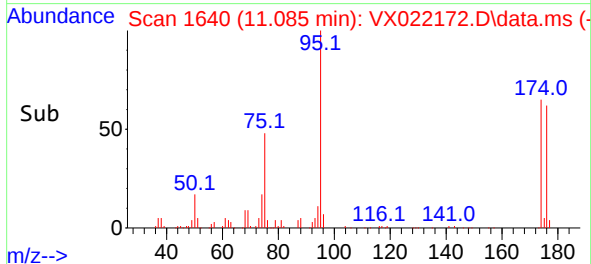
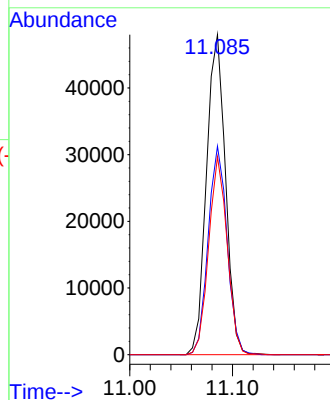
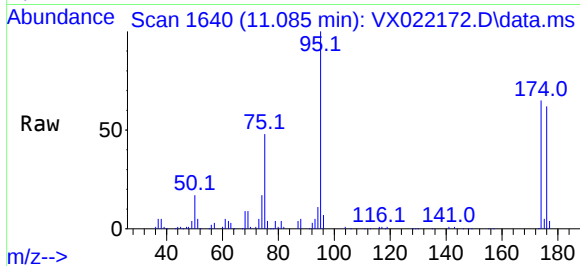
#62
4-Bromofluorobenzene
Concen: 47.06 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 95 Resp: 61750
Ion Ratio Lower Upper
95 100
174 64.7 0.0 154.6
176 60.1 0.0 155.8

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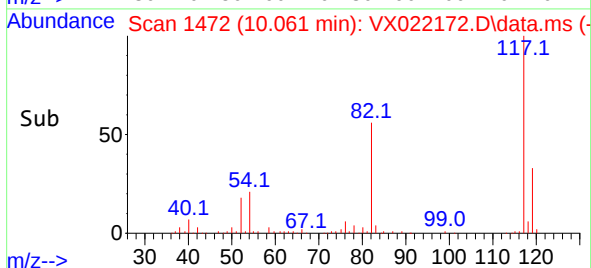
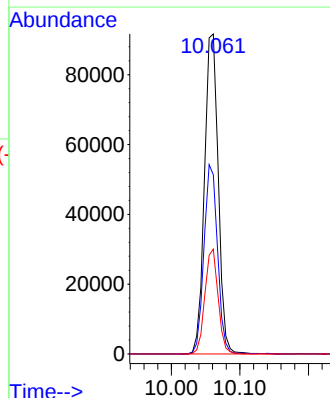
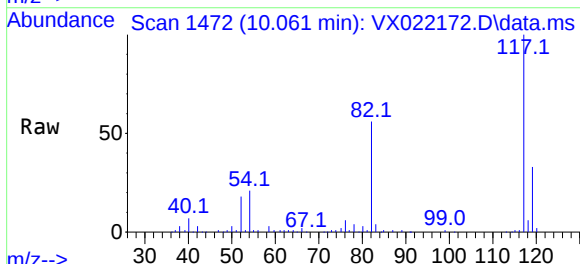
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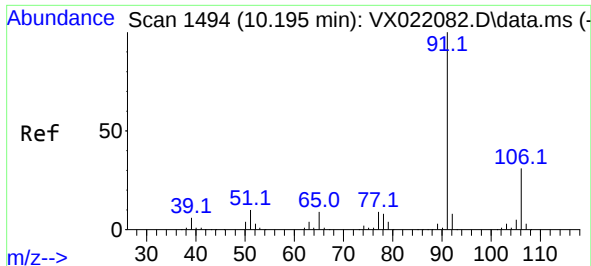
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 117 Resp: 128676
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.7 26.6 39.8





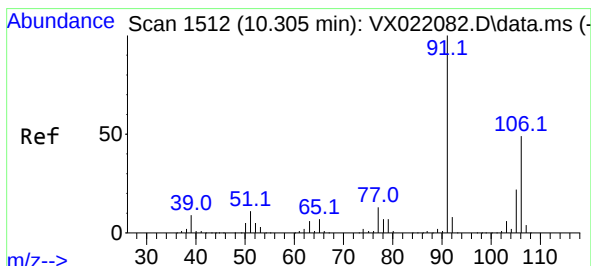
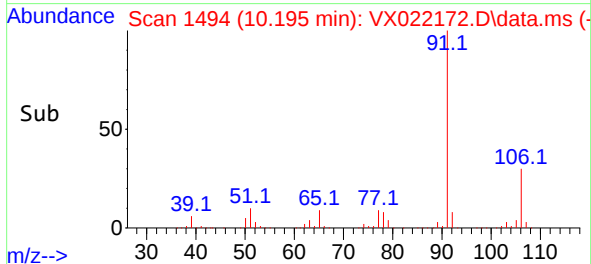
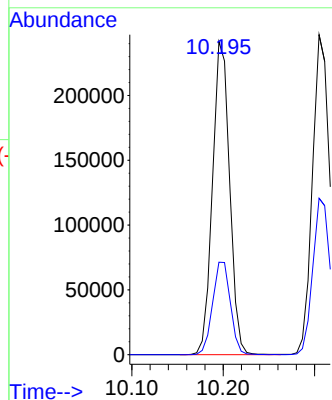
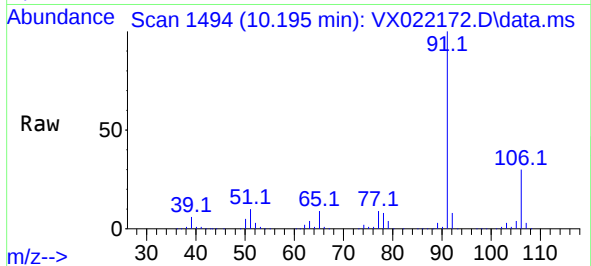
#67
Ethyl Benzene
Concen: 63.72 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Instrument :
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Tgt Ion: 91 Resp: 313975
Ion Ratio Lower Upper
91 100
106 29.6 24.6 37.0

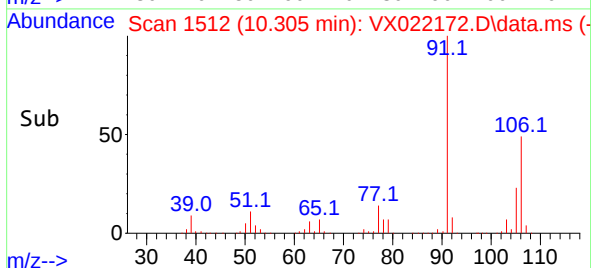
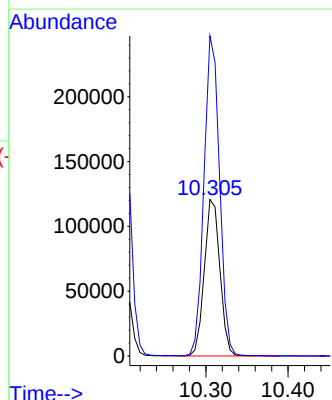
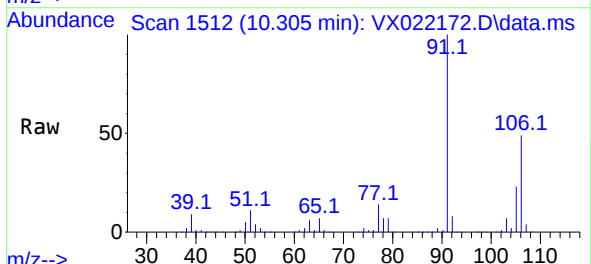
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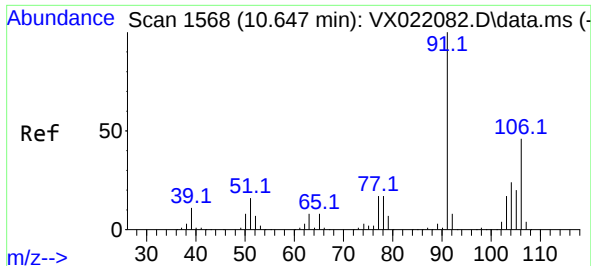
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#68
m/p-Xylenes
Concen: 85.47 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 106 Resp: 159172
Ion Ratio Lower Upper
106 100
91 203.8 162.8 244.2





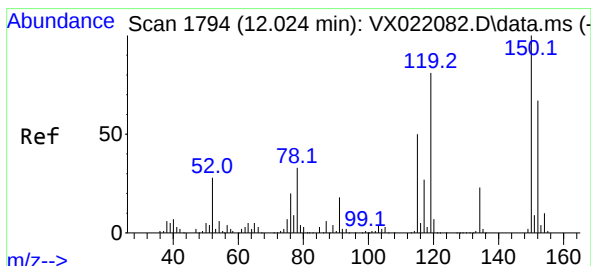
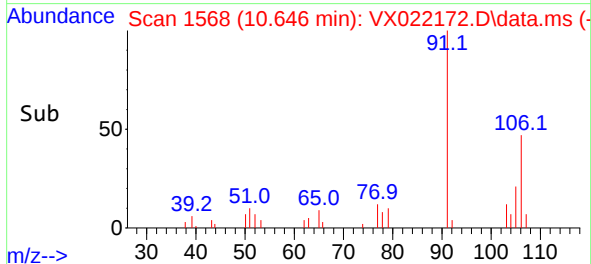
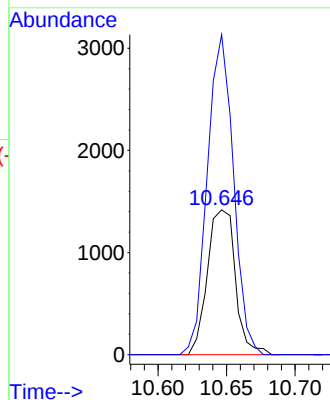
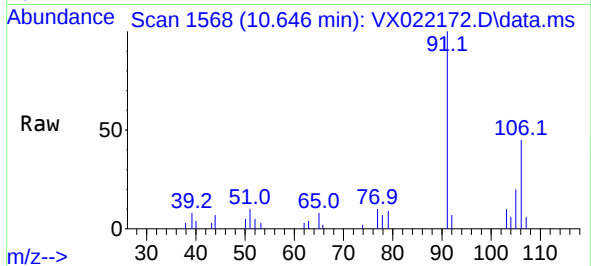
#69
o-Xylene
Concen: 1.11 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion:106 Resp: 2019
Ion Ratio Lower Upper
106 100
91 205.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
MW-103DL

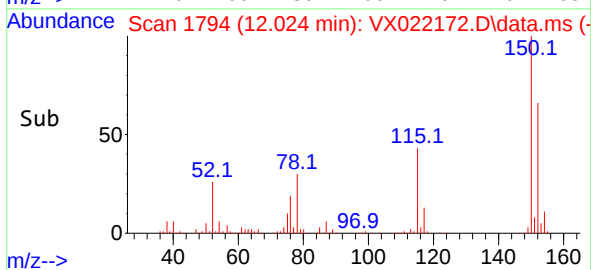
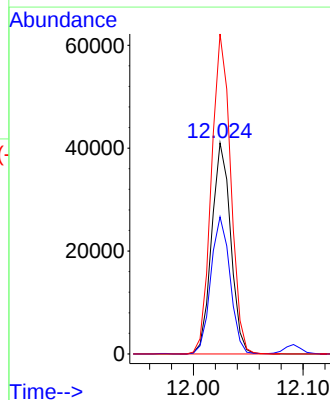
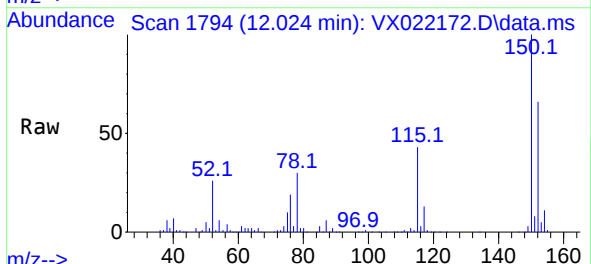
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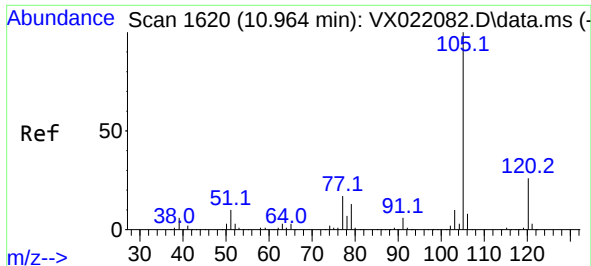
MMDadoda
5/27/2021 10:30:14 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion:152 Resp: 49426
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 153.7 0.0 349.0





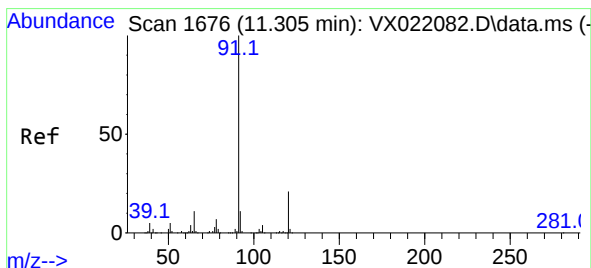
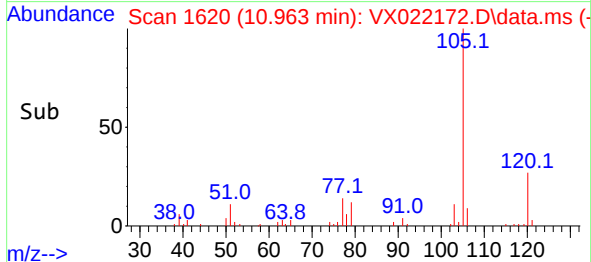
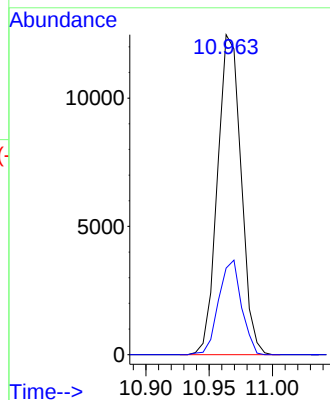
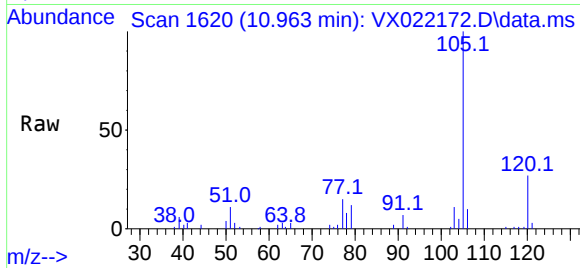
#73
Isopropylbenzene
Concen: 3.86 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 105 Resp: 16140
Ion Ratio Lower Upper
105 100
120 28.6 13.2 39.6

Instrument :
MSVOA_X
ClientSampled :
MW-103DL

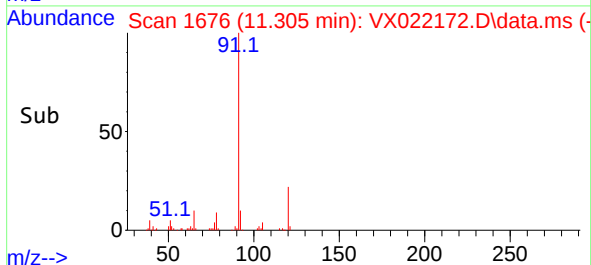
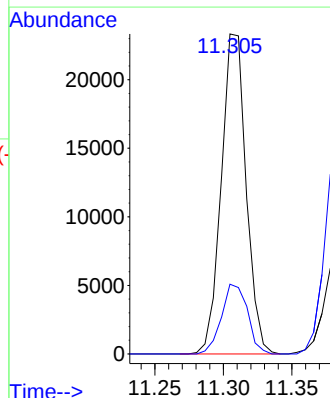
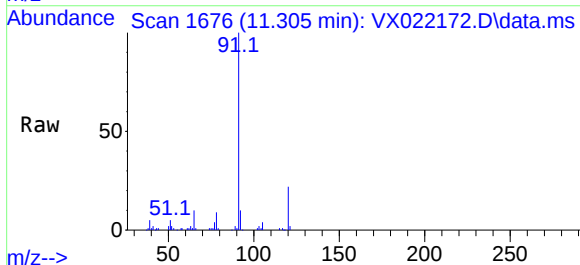
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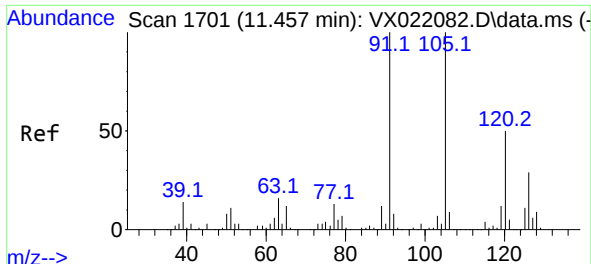
MMDadoda
5/27/2021 10:30:14 AM



#78
n-propylbenzene
Concen: 6.01 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion: 91 Resp: 29469
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5





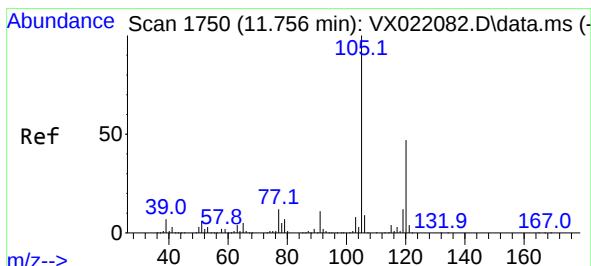
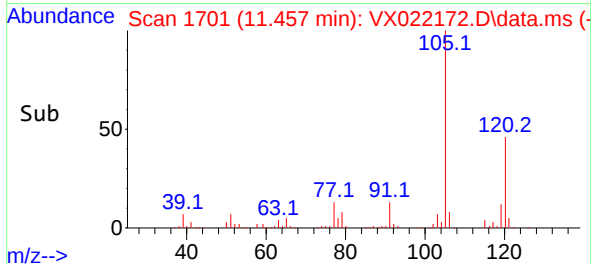
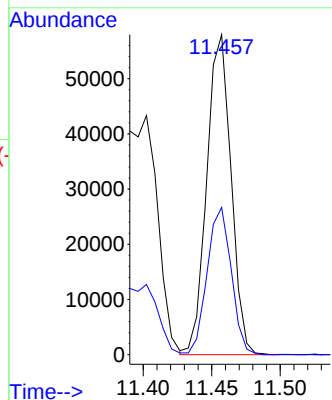
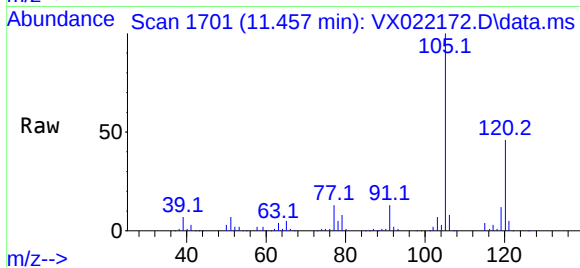
#80
1,3,5-Trimethylbenzene
Concen: 20.61 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Instrument :
MSVOA_X
ClientSampleId :
MW-103DL

Tgt Ion:105 Resp: 71470
Ion Ratio Lower Upper
105 100
120 45.7 23.8 71.5

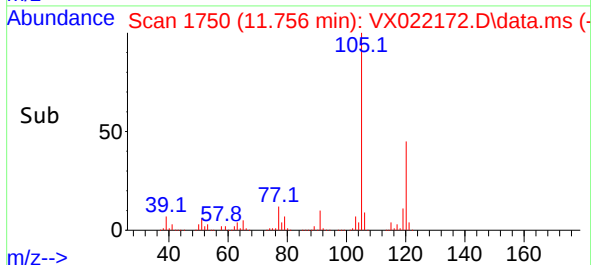
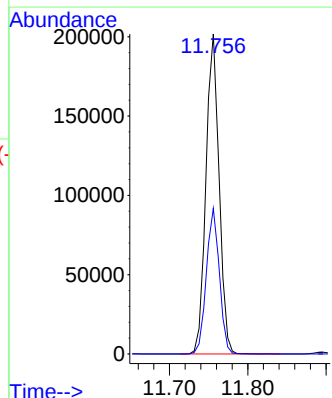
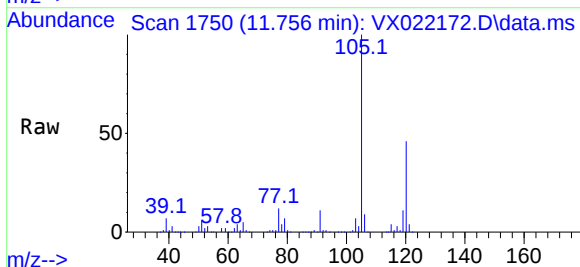
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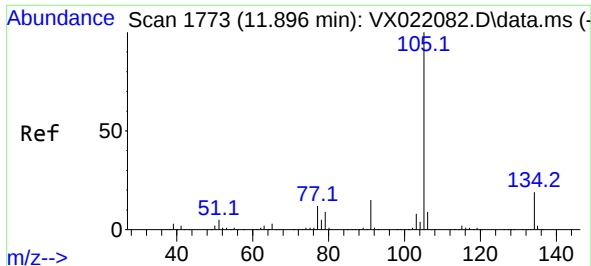
MMDadoda
5/27/2021 10:30:14 AM



#84
1,2,4-Trimethylbenzene
Concen: 67.12 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion:105 Resp: 234223
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





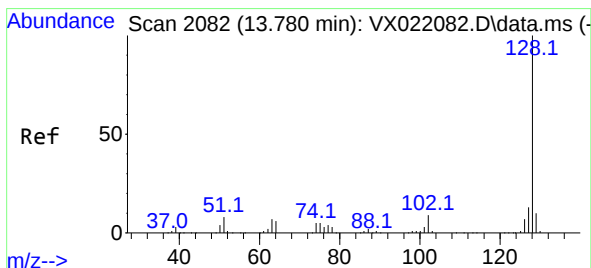
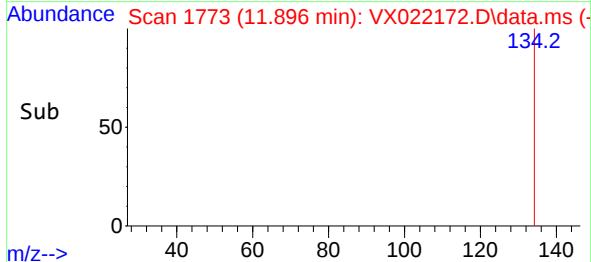
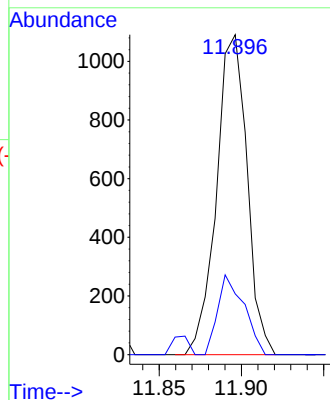
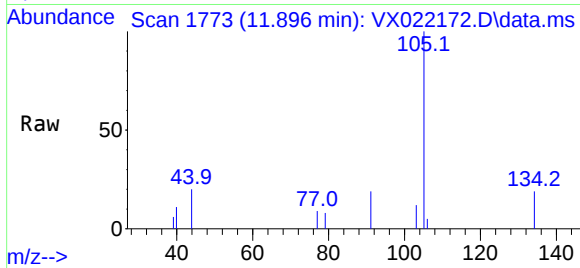
#85
sec-Butylbenzene
Concen: 0.33 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion:105 Resp: 1408
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

Instrument :
MSVOA_X
ClientSampled :
MW-103DL

Manual Integrations
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MMDadoda
5/27/2021 10:30:14 AM



#95
Naphthalene
Concen: 17.71 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022172.D
Acq: 25 May 2021 13:25

Tgt Ion:128 Resp: 68478
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.7 8.8 13.2

