

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028923.D
 Acq On : 24 May 2022 15:55
 Operator : JC/MD
 Sample : N2965-07DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31608DL

Quant Time: May 24 17:22:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

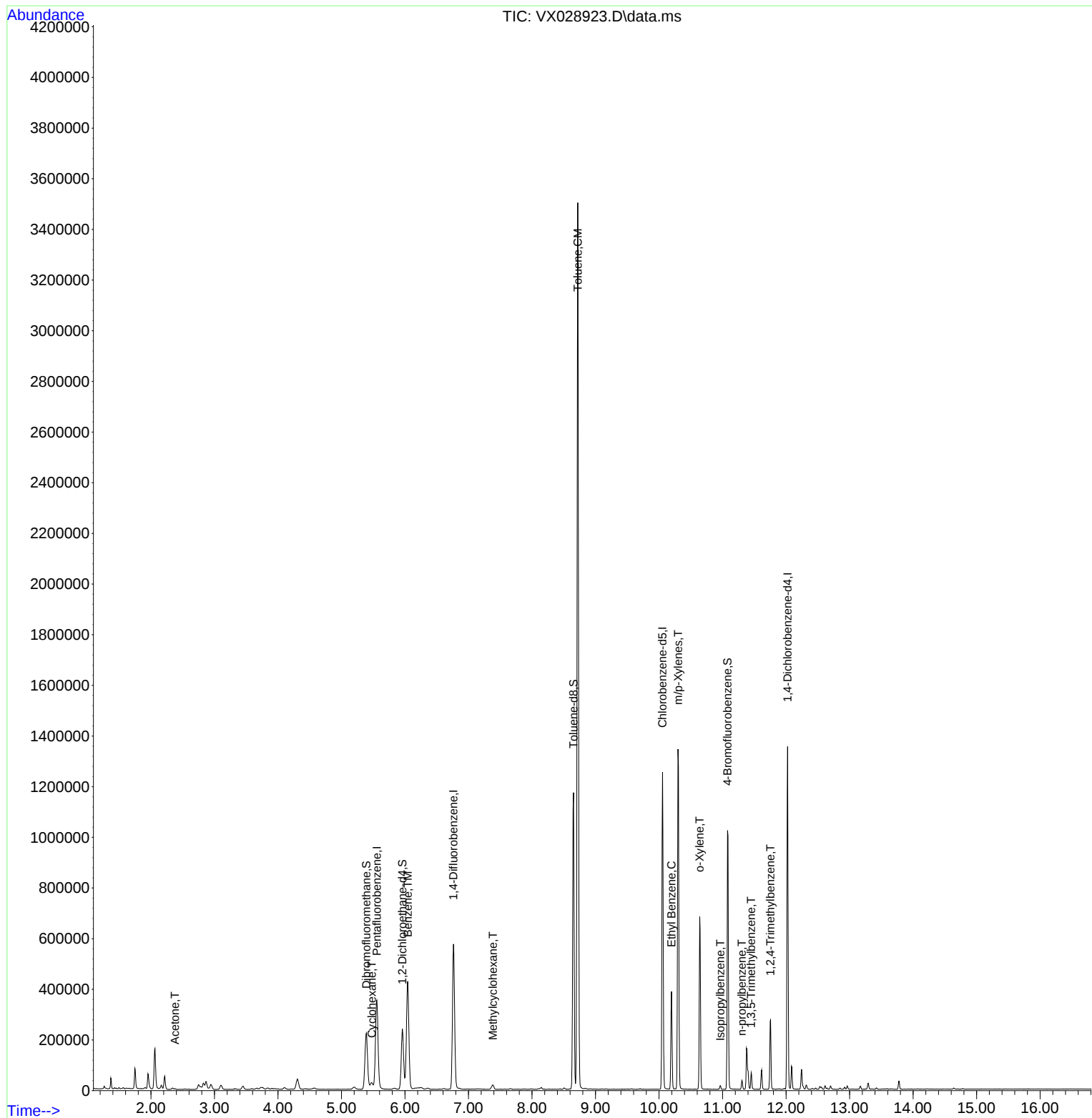
Internal Standards						
1) Pentafluorobenzene	5.556	168	330622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	590798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231678	51.120	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 102.240%		
35) Dibromofluoromethane	5.391	113	194277	50.190	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 100.380%		
50) Toluene-d8	8.653	98	710420	48.680	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 97.360%		
62) 4-Bromofluorobenzene	11.079	95	286490	52.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 105.120%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	1739	0.894	ug/l	95
31) Cyclohexane	5.477	56	16986	2.700	ug/l	96
39) Methylcyclohexane	7.385	83	7679	1.152	ug/l	# 86
40) Benzene	6.044	78	524706	31.402	ug/l	100
52) Toluene	8.720	92	1354664	126.032	ug/l	96
67) Ethyl Benzene	10.195	91	217614	10.020	ug/l	100
68) m/p-Xylenes	10.299	106	320064	37.853	ug/l	97
69) o-Xylene	10.640	106	149244	17.928	ug/l	96
73) Isopropylbenzene	10.963	105	7697	0.369	ug/l	98
78) n-propylbenzene	11.305	91	21249	0.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	28826	1.656	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	124856	7.155	ug/l	99

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

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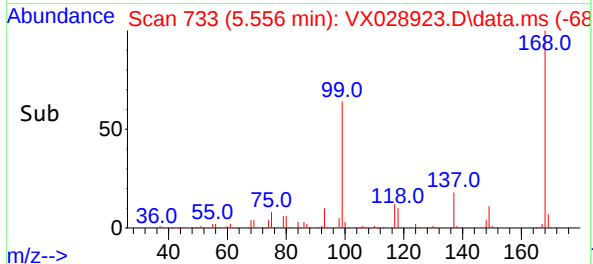
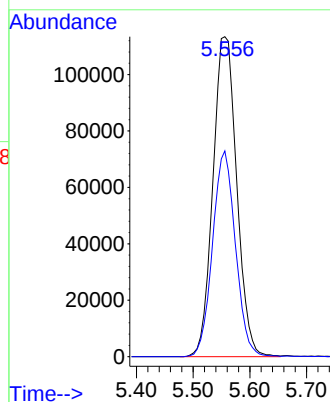
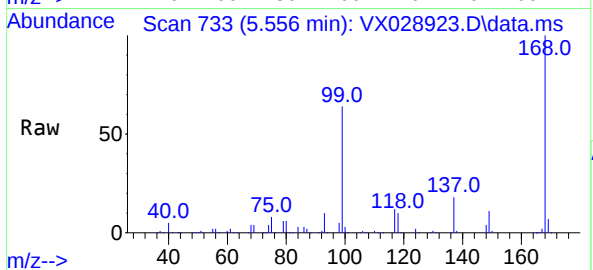




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

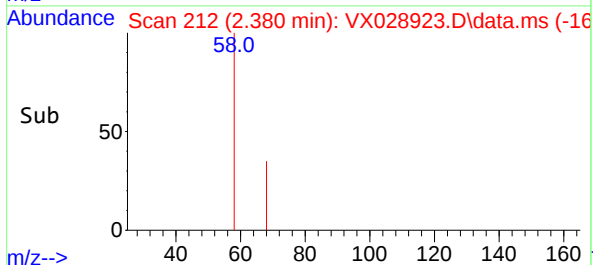
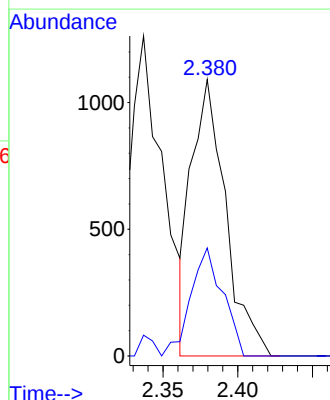
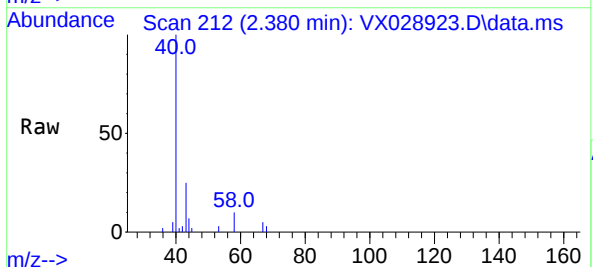
Instrument :
MSVOA_X
ClientSampleId :
31608DL

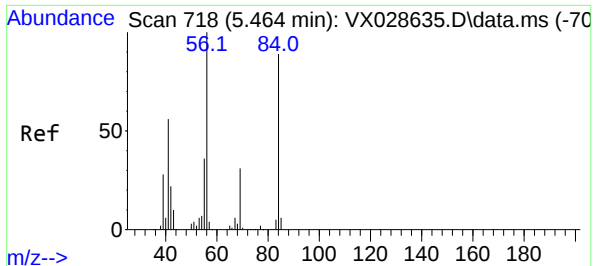
Tgt Ion:168 Resp: 330622
Ion Ratio Lower Upper
168 100
99 64.3 41.7 62.5#



#16
Acetone
Concen: 0.894 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 39.0 28.8 43.2

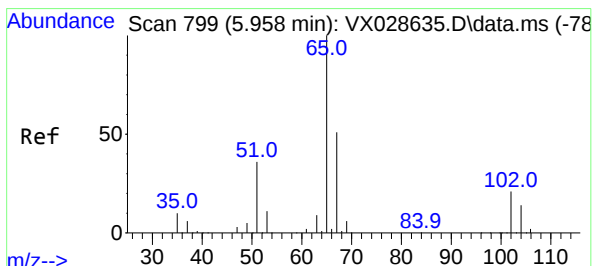
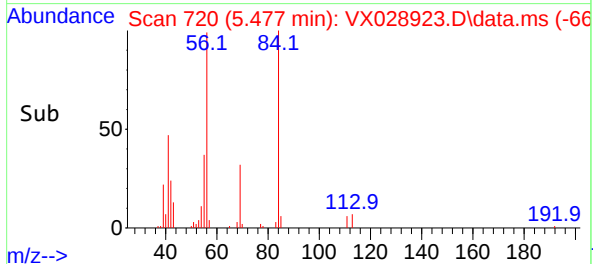
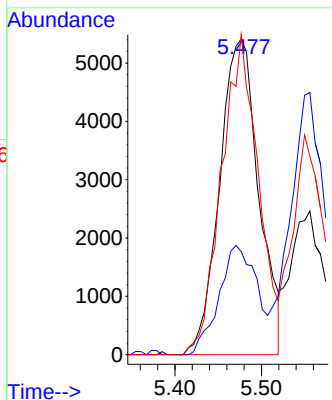
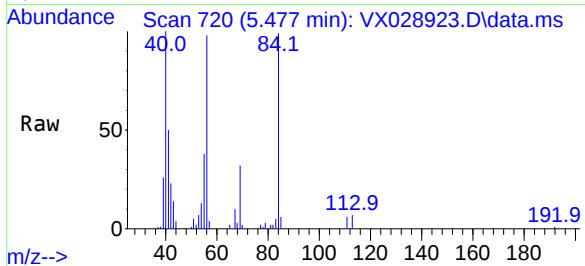




#31
Cyclohexane
Concen: 2.700 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

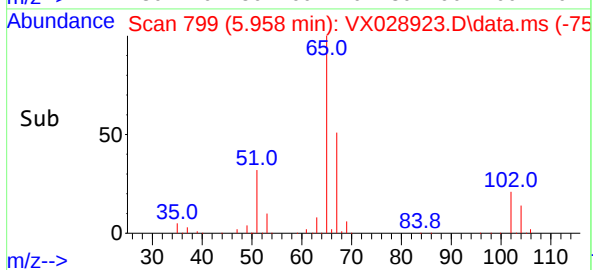
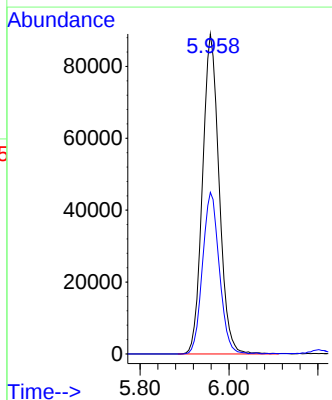
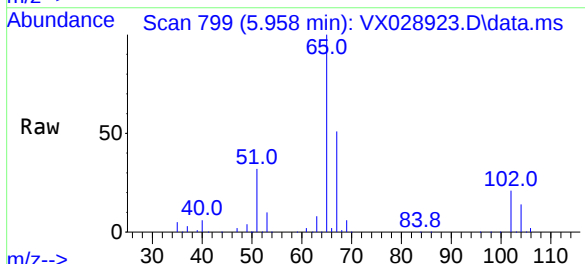
Instrument :
MSVOA_X
ClientSampleId :
31608DL

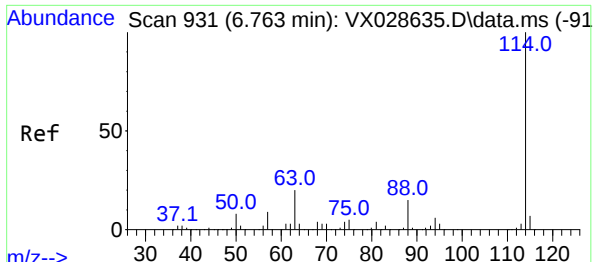
Tgt Ion: 56 Resp: 16986
Ion Ratio Lower Upper
56 100
69 32.6 26.7 40.1
84 101.3 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.120 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion: 65 Resp: 231678
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX028923.D

Acq: 24 May 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

31608DL

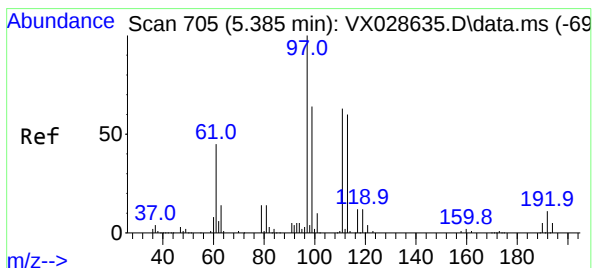
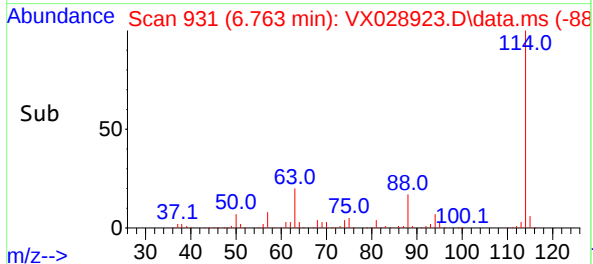
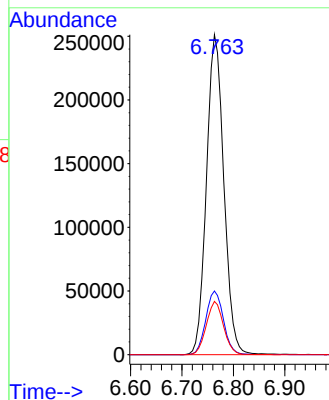
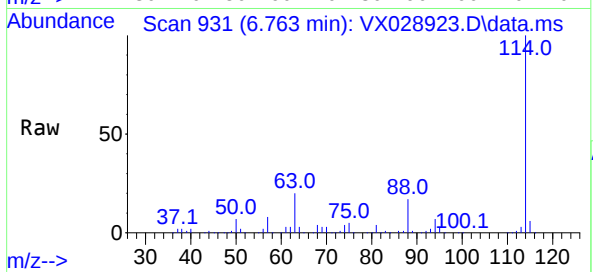
Tgt Ion:114 Resp: 590798

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 16.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 50.190 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX028923.D

Acq: 24 May 2022 15:55

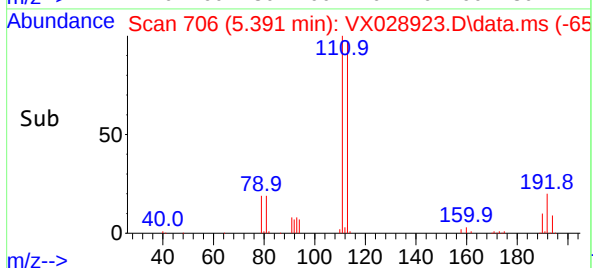
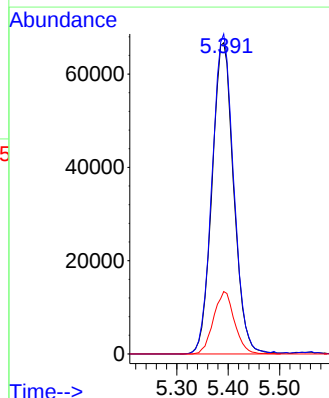
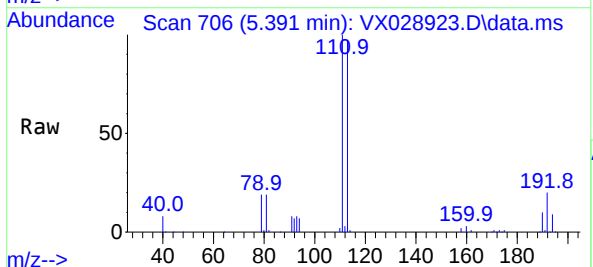
Tgt Ion:113 Resp: 194277

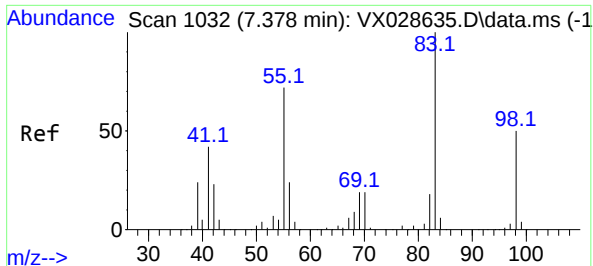
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 19.5 16.9 25.3





#39

Methylcyclohexane

Concen: 1.152 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX028923.D

Acq: 24 May 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

31608DL

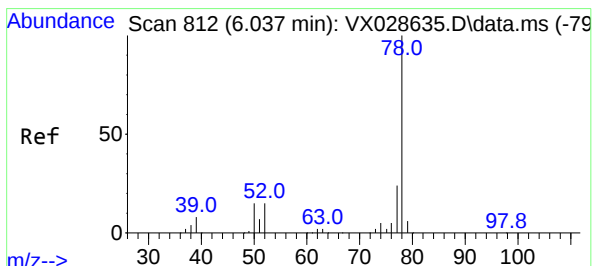
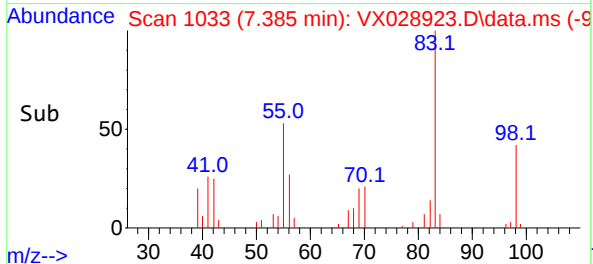
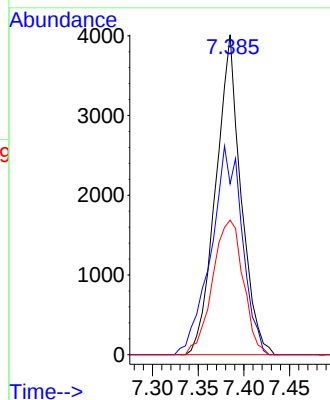
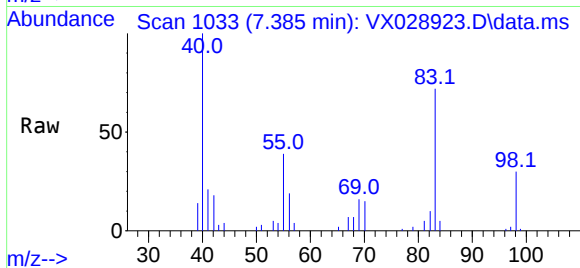
Tgt Ion: 83 Resp: 7679

Ion Ratio Lower Upper

83 100

55 53.4 54.6 81.8#

98 42.1 37.4 56.2



#40

Benzene

Concen: 31.402 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX028923.D

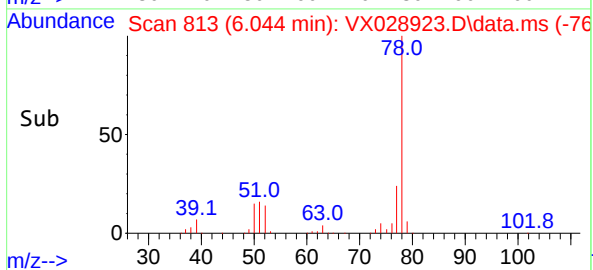
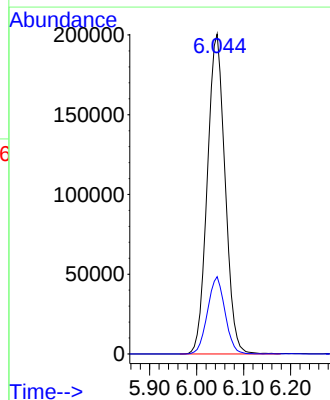
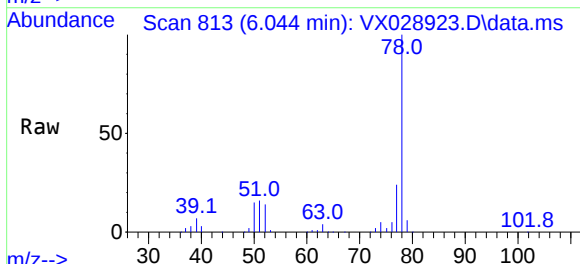
Acq: 24 May 2022 15:55

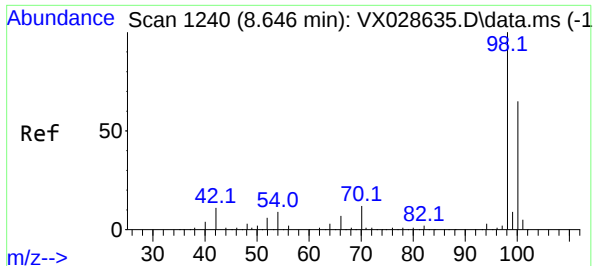
Tgt Ion: 78 Resp: 524706

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

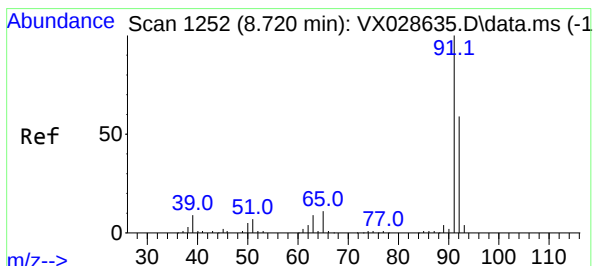
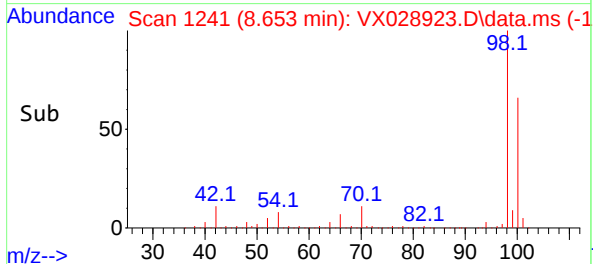
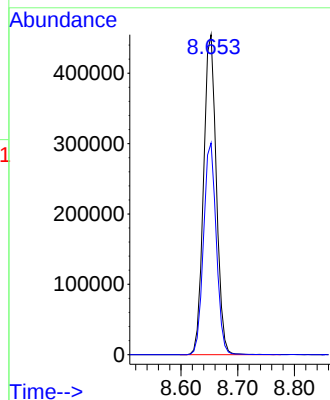
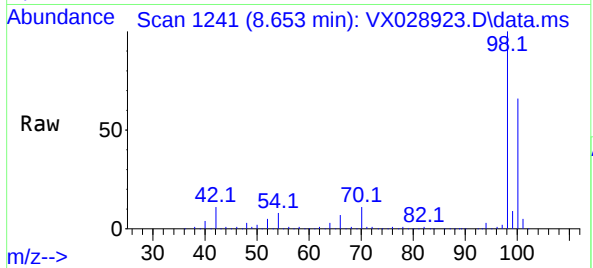




#50
Toluene-d8
Concen: 48.680 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

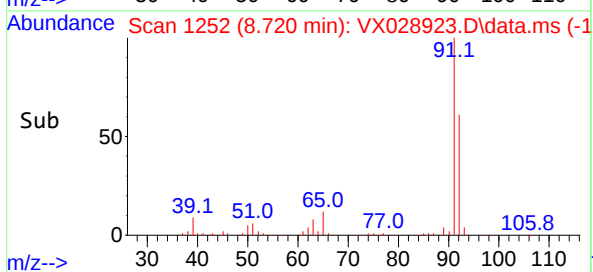
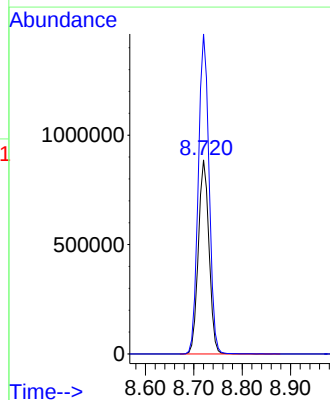
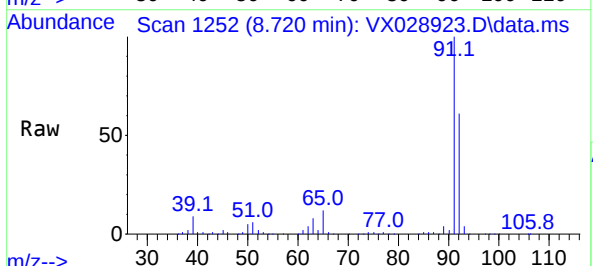
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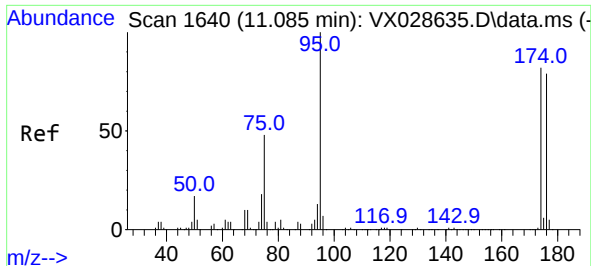
Tgt Ion: 98 Resp: 710420
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#52
Toluene
Concen: 126.032 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion: 92 Resp: 1354664
Ion Ratio Lower Upper
92 100
91 166.6 137.5 206.3

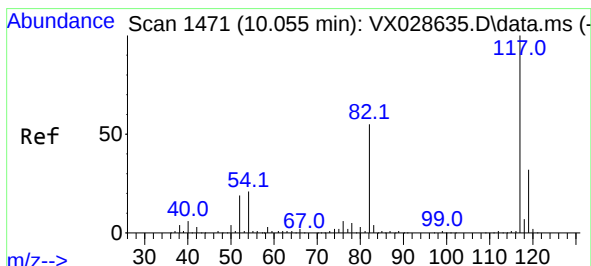
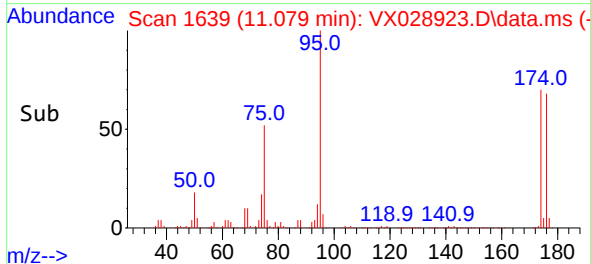
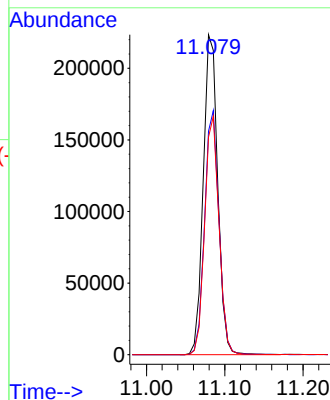
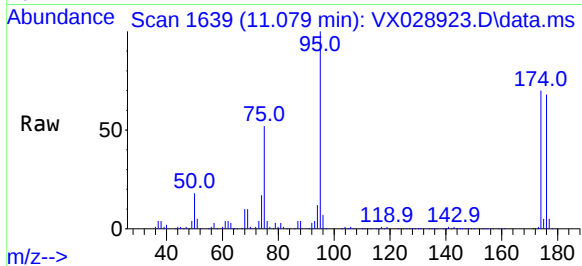




#62
4-Bromofluorobenzene
Concen: 52.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

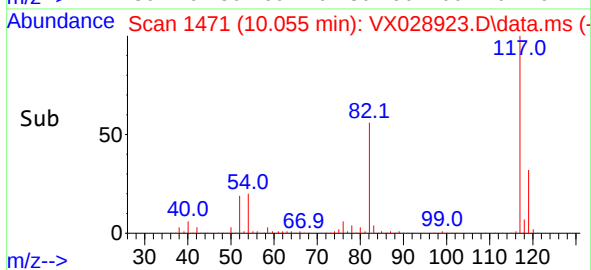
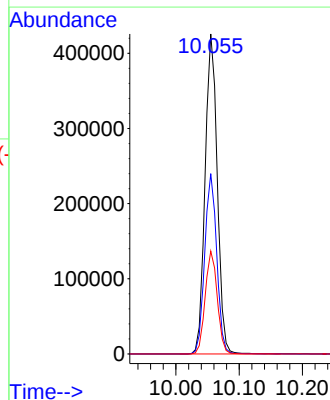
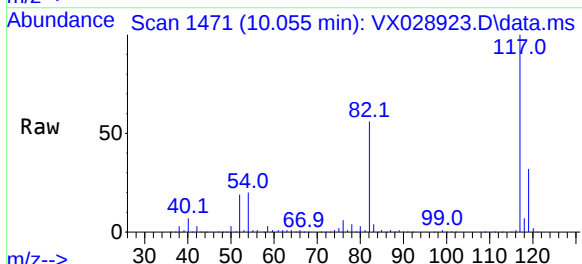
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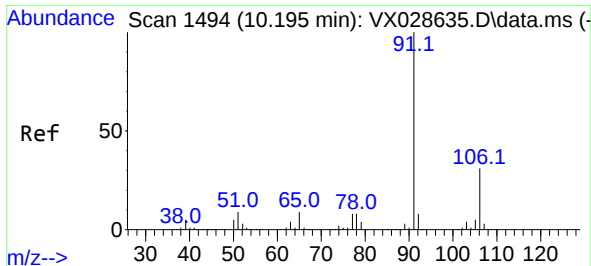
Tgt Ion: 95 Resp: 286490
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 73.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion: 117 Resp: 571159
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.2 24.8 37.2





#67

Ethyl Benzene

Concen: 10.020 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028923.D

Acq: 24 May 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

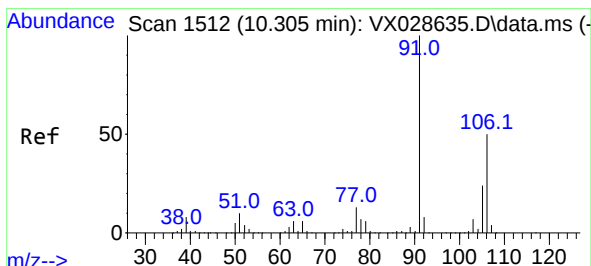
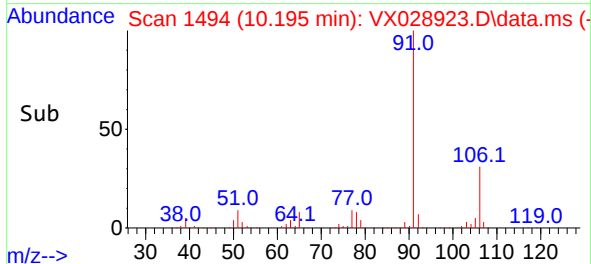
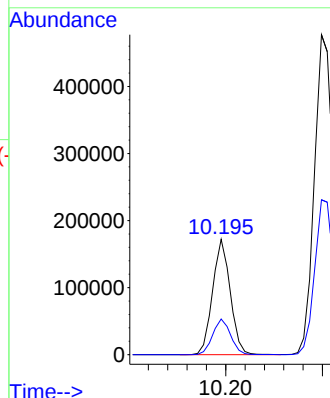
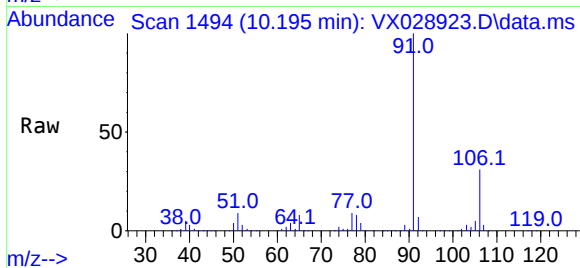
31608DL

Tgt Ion: 91 Resp: 217614

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 37.853 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX028923.D

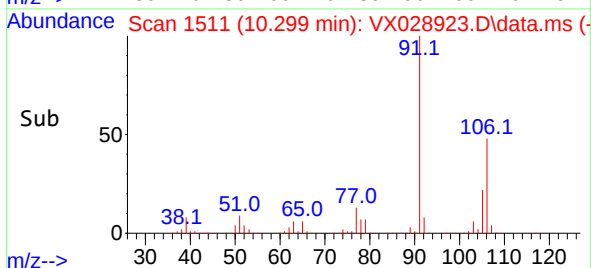
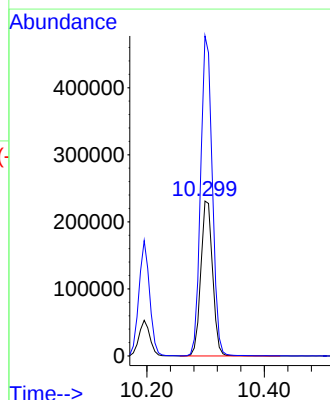
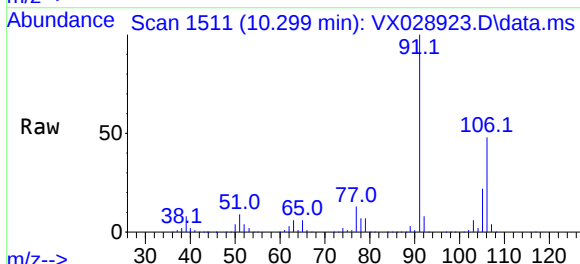
Acq: 24 May 2022 15:55

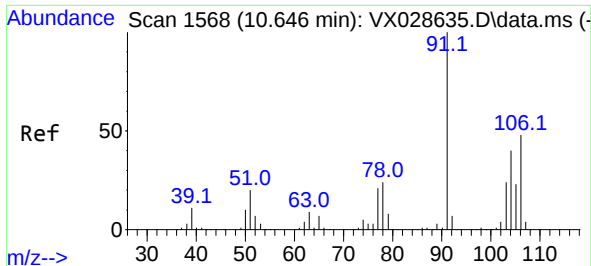
Tgt Ion: 106 Resp: 320064

Ion Ratio Lower Upper

106 100

91 204.8 160.4 240.6

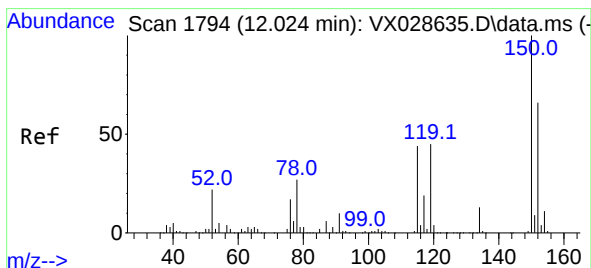
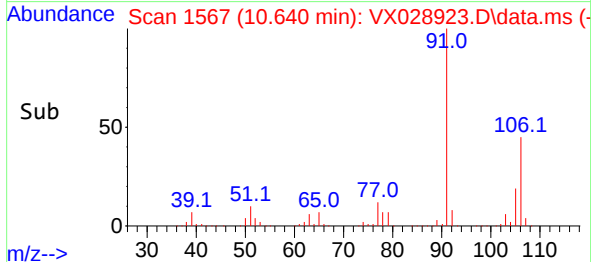
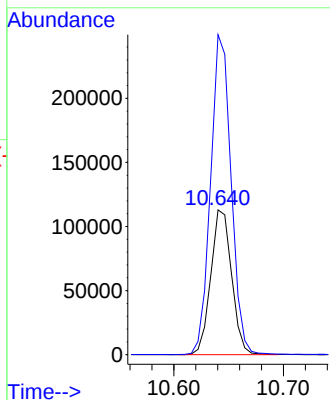
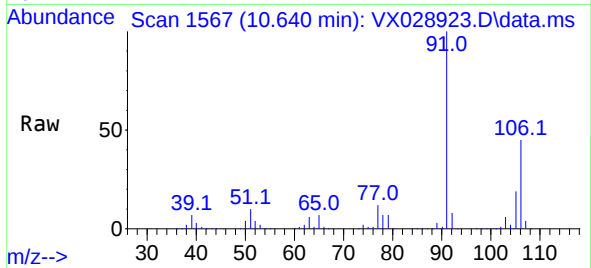




#69
o-Xylene
Concen: 17.928 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

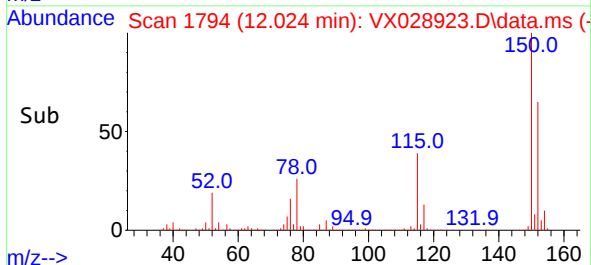
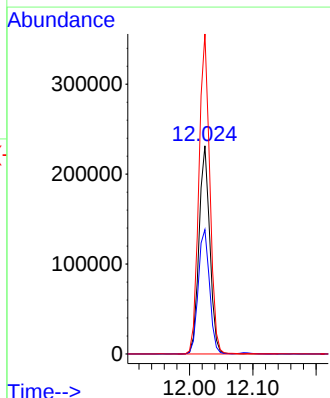
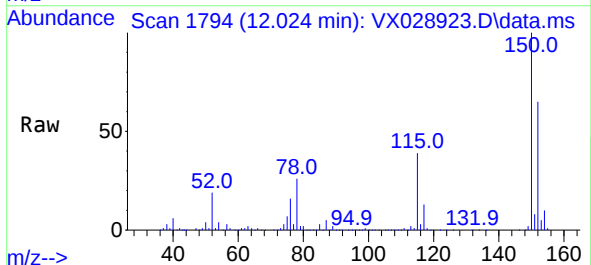
Instrument :
MSVOA_X
ClientSampleId :
31608DL

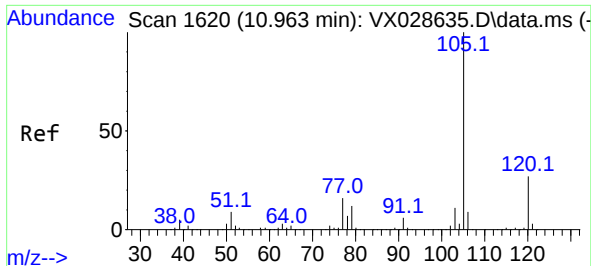
Tgt Ion:106 Resp: 149244
Ion Ratio Lower Upper
106 100
91 218.2 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion:152 Resp: 275402
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 155.1 0.0 338.2

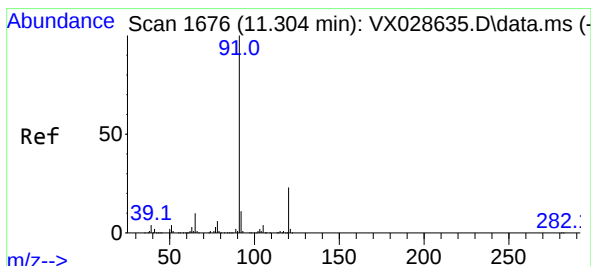
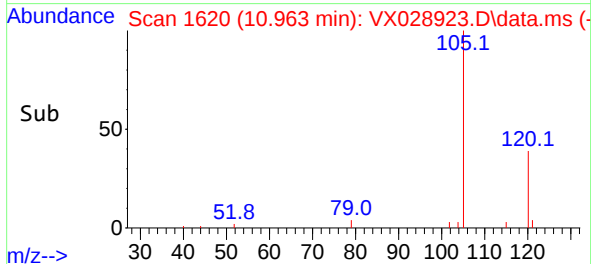
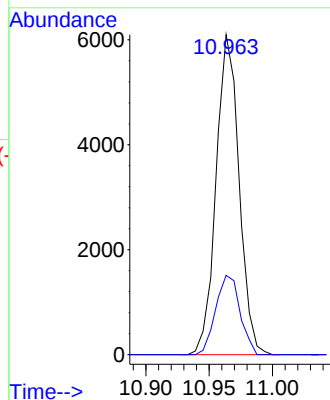
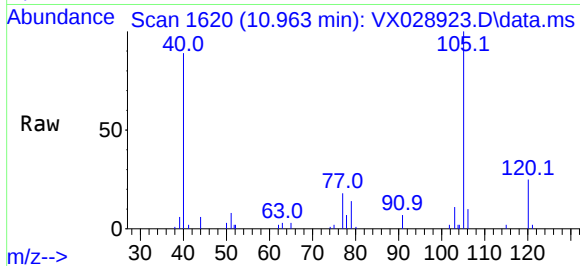




#73
Isopropylbenzene
Concen: 0.369 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

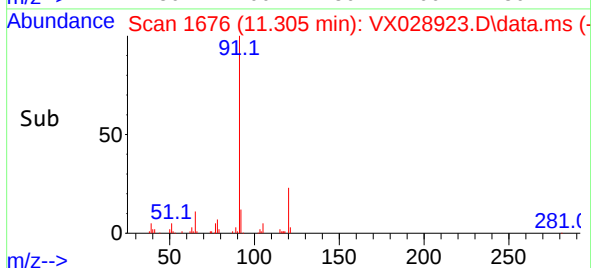
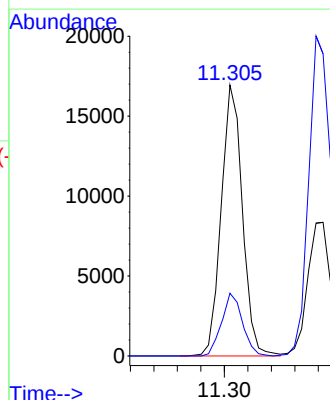
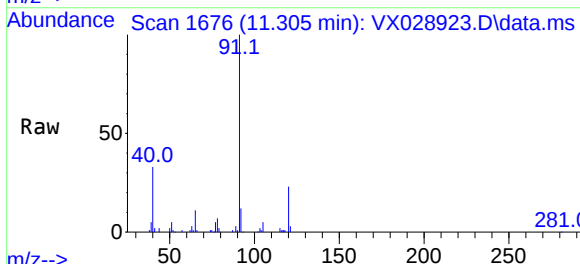
Instrument :
MSVOA_X
ClientSampleId :
31608DL

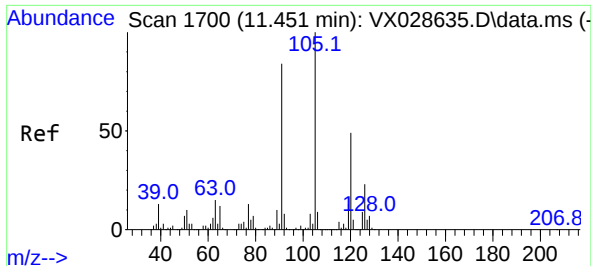
Tgt Ion:105 Resp: 7697
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5



#78
n-propylbenzene
Concen: 0.880 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion: 91 Resp: 21249
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

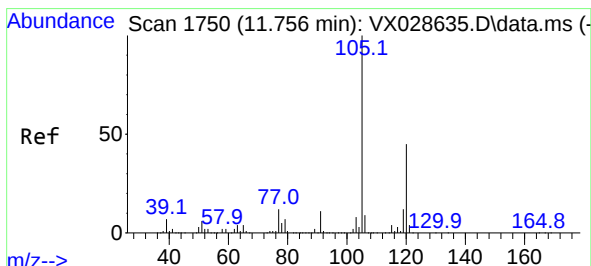
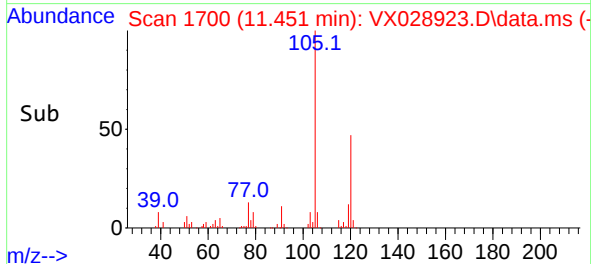
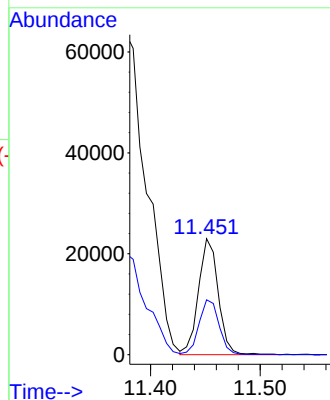
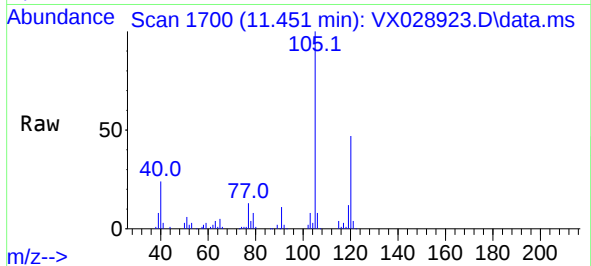




#80
1,3,5-Trimethylbenzene
Concen: 1.656 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Instrument :
MSVOA_X
ClientSampleId :
31608DL

Tgt Ion:105 Resp: 28826
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 7.155 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028923.D
Acq: 24 May 2022 15:55

Tgt Ion:105 Resp: 124856
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8

