

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029623.D
 Acq On : 20 Jun 2022 15:16
 Operator : JC/MD
 Sample : N3290-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18DL

Quant Time: Jun 21 01:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

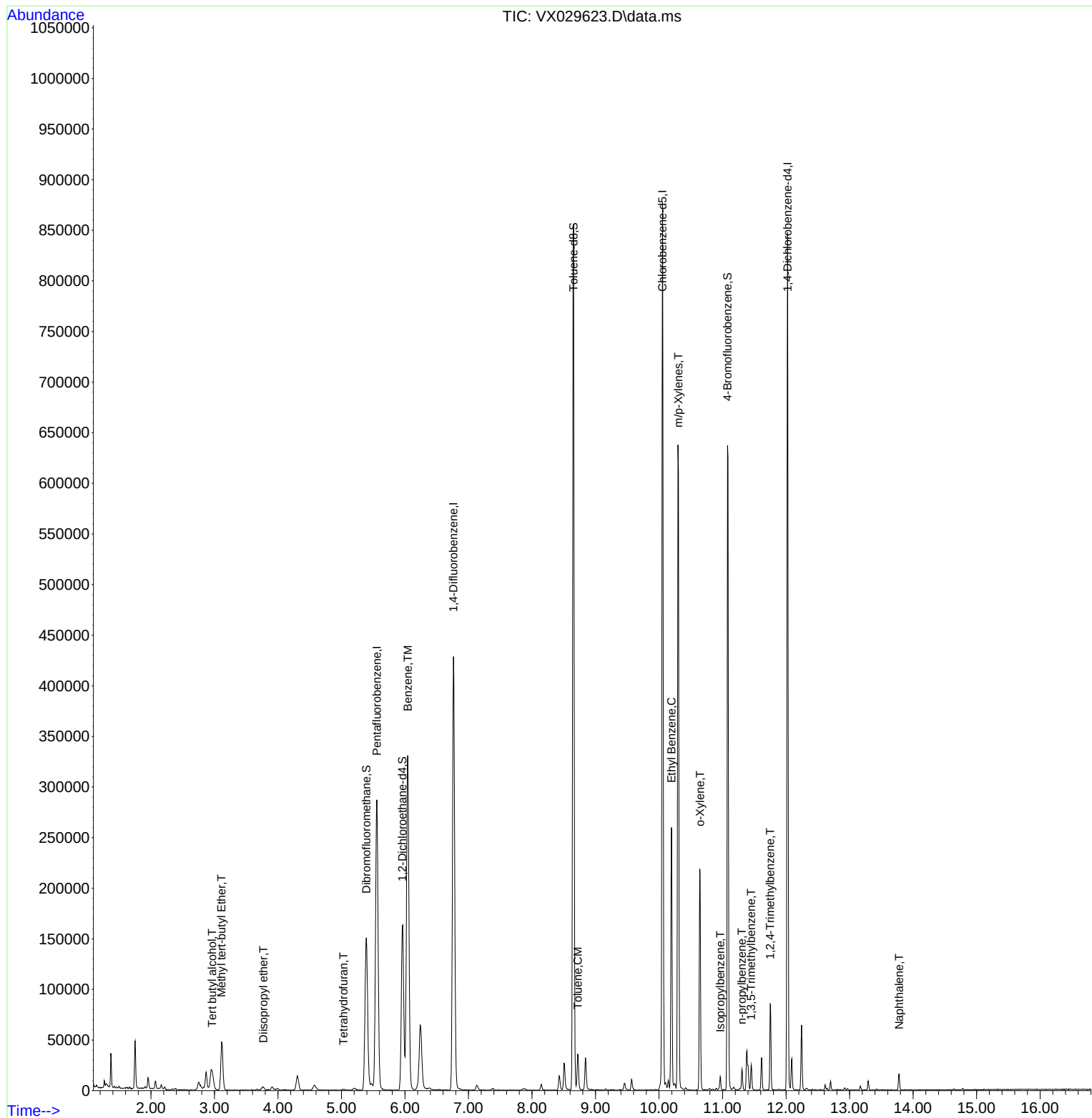
Internal Standards						
1) Pentafluorobenzene	5.556	168	271647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	461941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157256	43.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.460%		
35) Dibromofluoromethane	5.391	113	135991	45.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.340%		
50) Toluene-d8	8.653	98	521145	47.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.079	95	190501	45.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.860%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	26389	25.361	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	54552	5.710	ug/l	100
22) Diisopropyl ether	3.769	45	3535	0.402	ug/l #	82
29) Tetrahydrofuran	5.031	42	998	0.661	ug/l #	48
40) Benzene	6.043	78	420234	34.795	ug/l	100
52) Toluene	8.720	92	14231	1.840	ug/l	92
67) Ethyl Benzene	10.195	91	153254	10.787	ug/l	99
68) m/p-Xylenes	10.305	106	157560	28.439	ug/l	98
69) o-Xylene	10.646	106	50104	9.154	ug/l	95
73) Isopropylbenzene	10.963	105	6752	0.510	ug/l	96
78) n-propylbenzene	11.305	91	13295	0.892	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	12020	1.079	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	39995	3.600	ug/l	100
95) Naphthalene	13.780	128	11128	0.899	ug/l	99

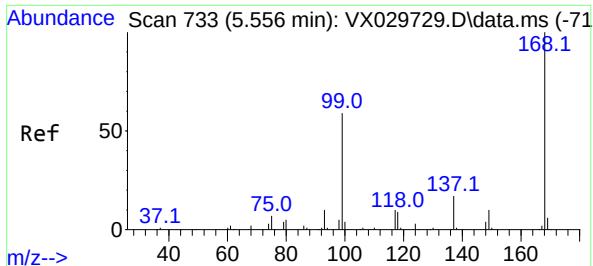
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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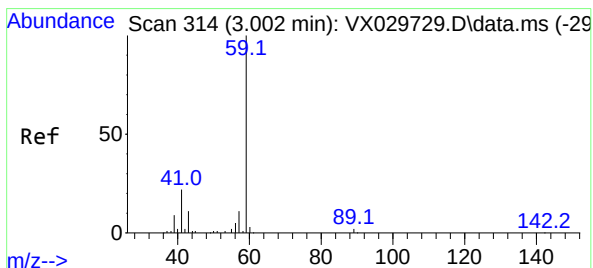
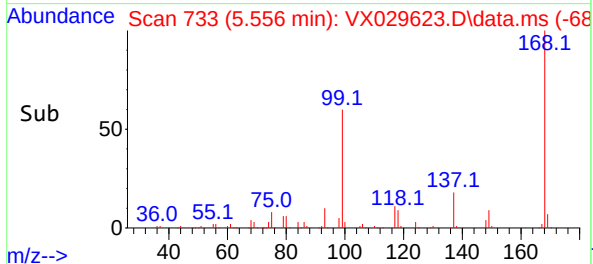
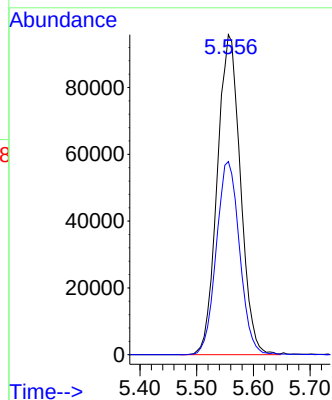
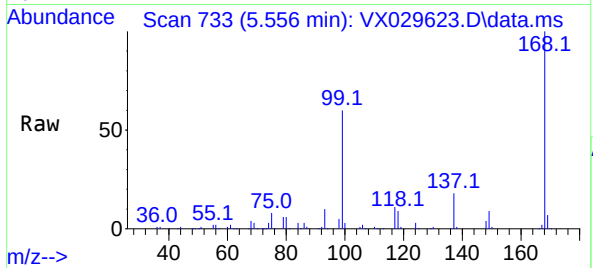




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

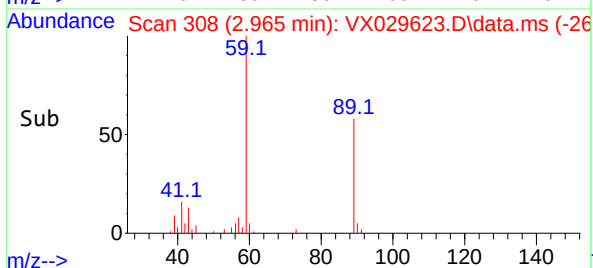
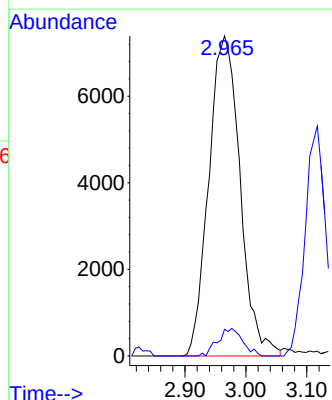
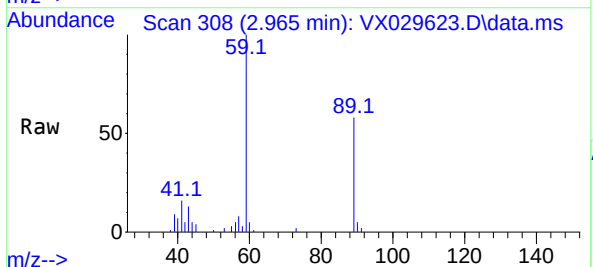
Instrument :
MSVOA_X
ClientSampleId :
MW-18DL

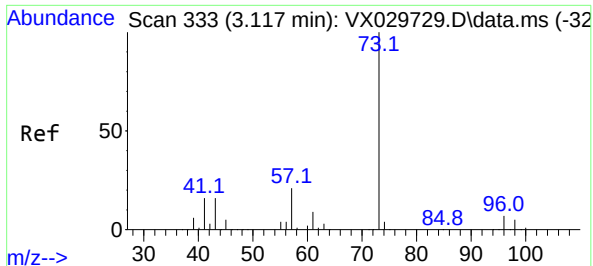
Tgt Ion:168 Resp: 271647
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#11
Tert butyl alcohol
Concen: 25.361 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion: 59 Resp: 26389
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5#

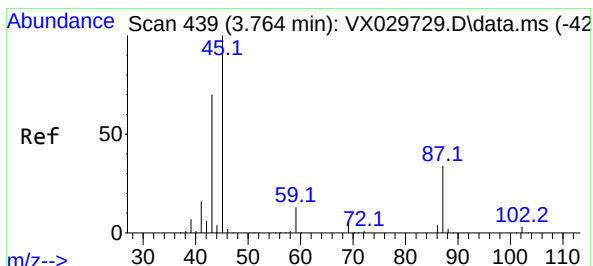
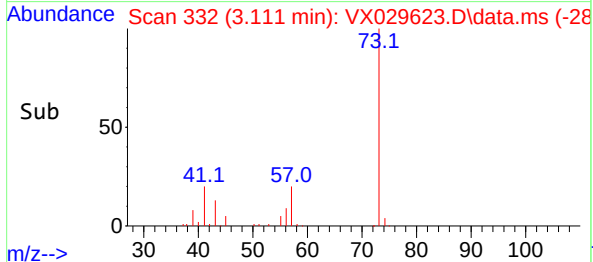
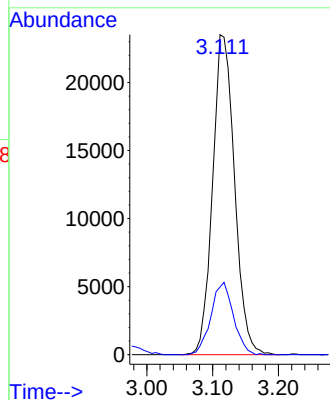
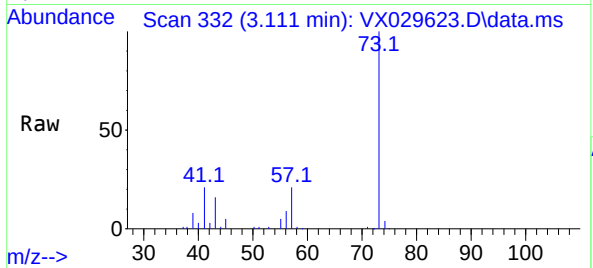




#19
Methyl tert-butyl Ether
Concen: 5.710 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

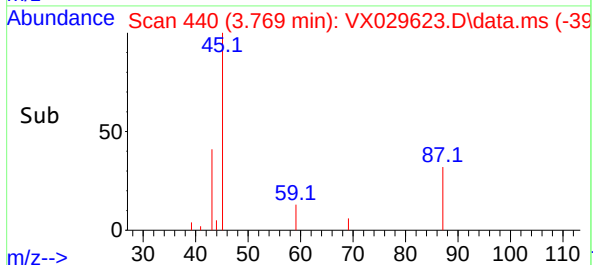
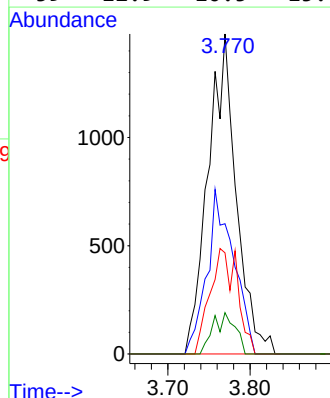
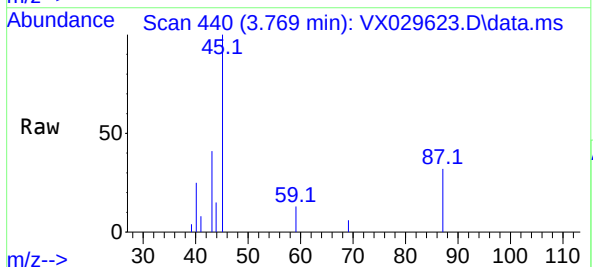
Instrument :
MSVOA_X
ClientSampleId :
MW-18DL

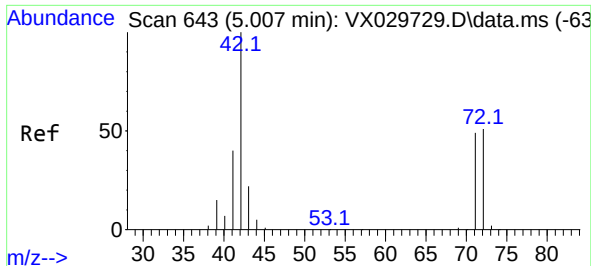
Tgt Ion: 73 Resp: 54552
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



#22
Diisopropyl ether
Concen: 0.402 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion: 45 Resp: 3535
Ion Ratio Lower Upper
45 100
43 40.7 50.8 76.2#
87 31.6 26.6 39.8
59 12.9 10.5 15.7





#29

Tetrahydrofuran

Concen: 0.661 ug/l

RT: 5.031 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX029623.D

Acq: 20 Jun 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

MW-18DL

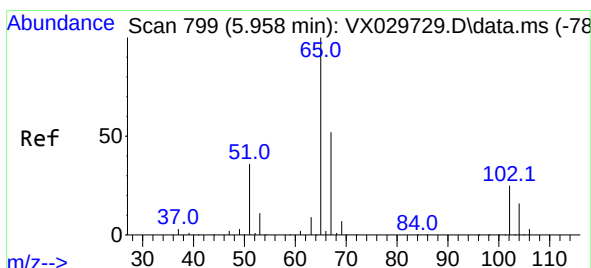
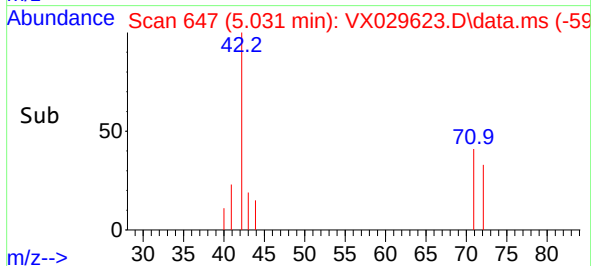
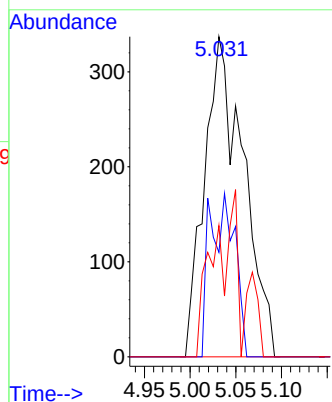
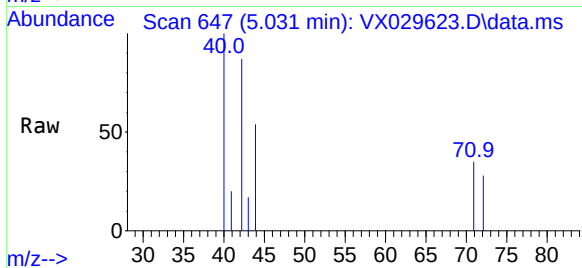
Tgt Ion: 42 Resp: 998

Ion Ratio Lower Upper

42 100

72 14.7 44.1 66.1#

71 18.1 40.5 60.7#



#33

1,2-Dichloroethane-d4

Concen: 43.732 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029623.D

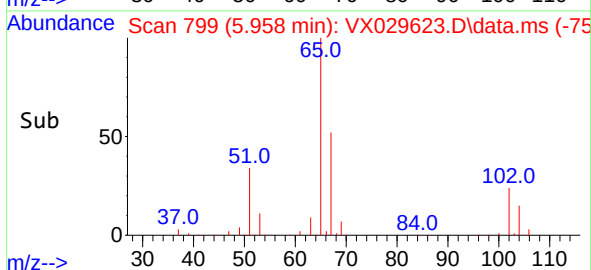
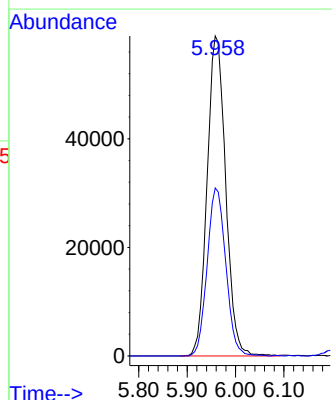
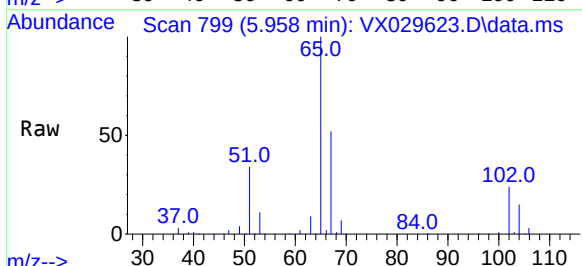
Acq: 20 Jun 2022 15:16

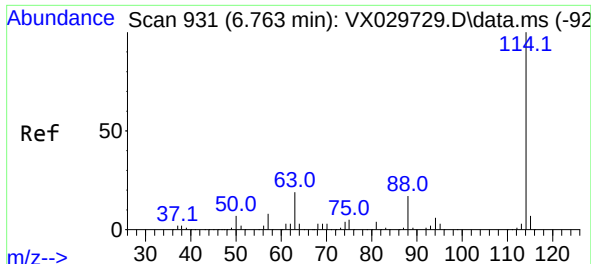
Tgt Ion: 65 Resp: 157256

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4

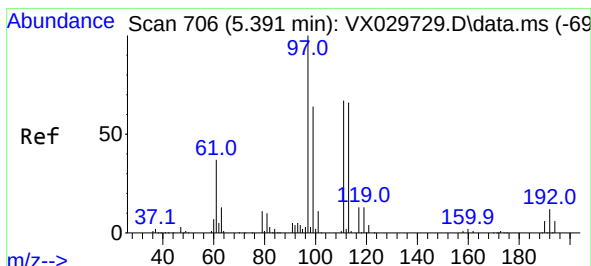
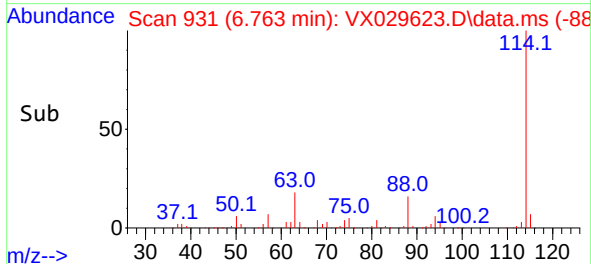
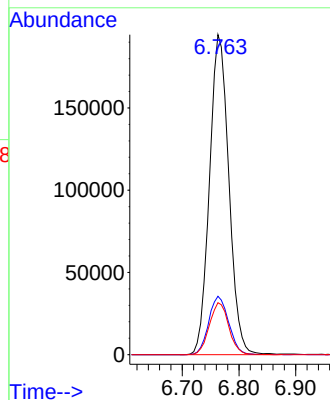
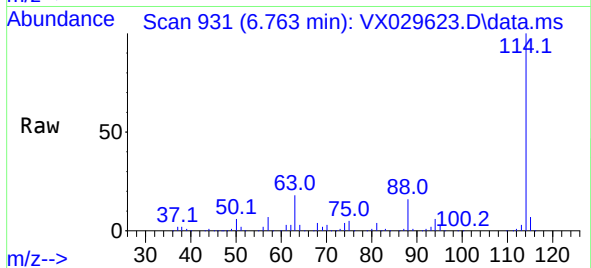




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

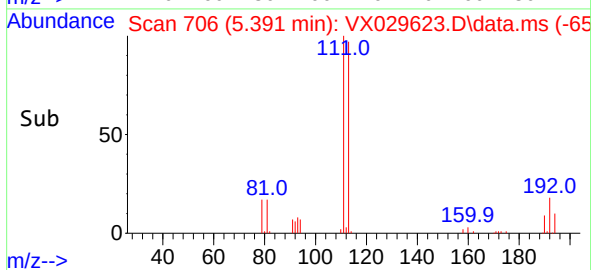
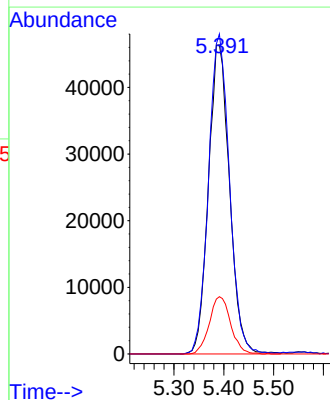
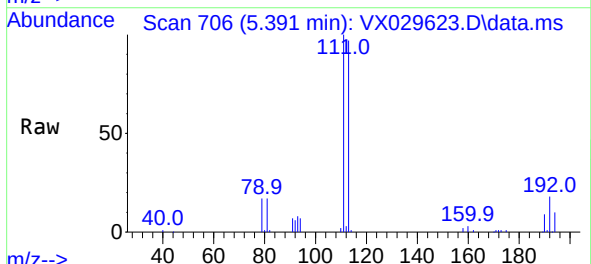
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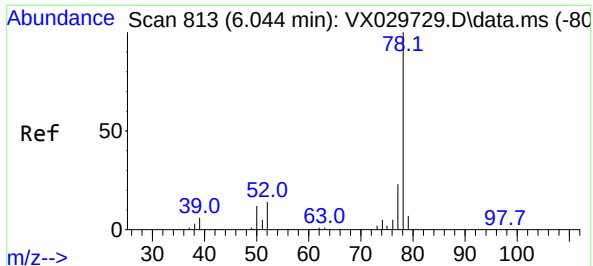
Tgt Ion:114 Resp: 461941
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.174 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion:113 Resp: 135991
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.7 16.9 25.3

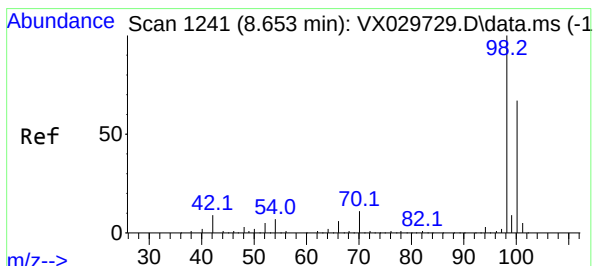
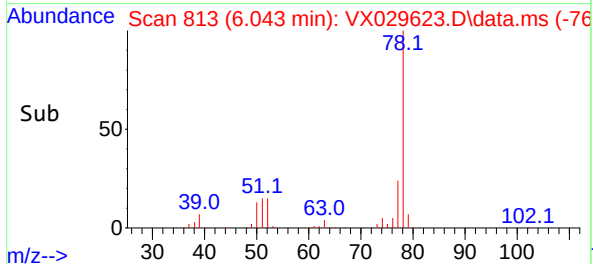
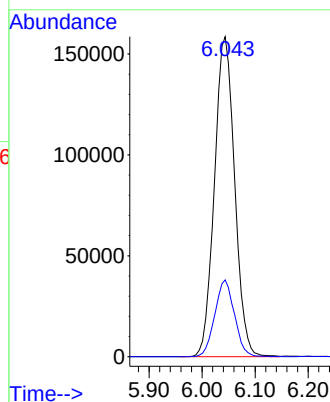
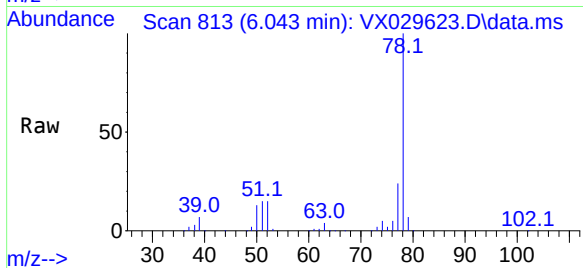




#40
Benzene
Concen: 34.795 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

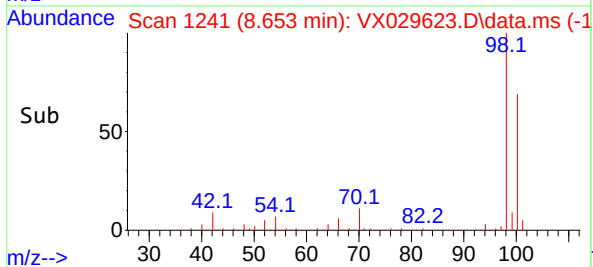
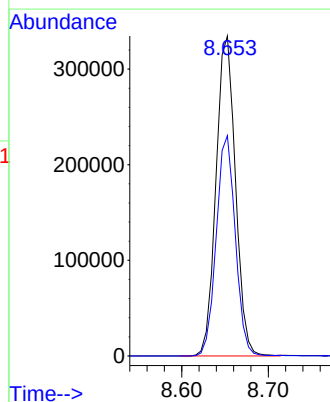
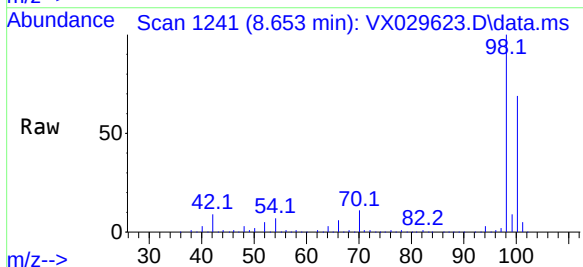
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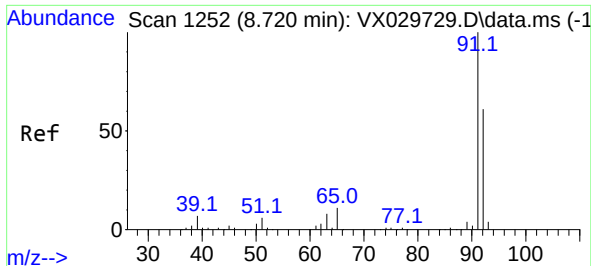
Tgt Ion: 78 Resp: 420234
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



#50
Toluene-d8
Concen: 47.387 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion: 98 Resp: 521145
Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8

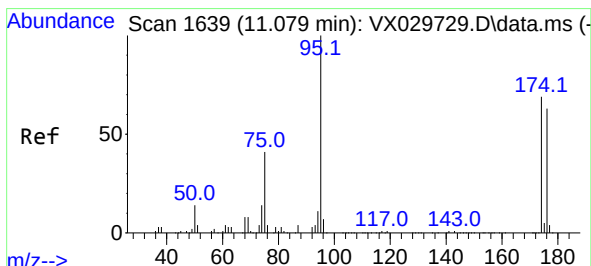
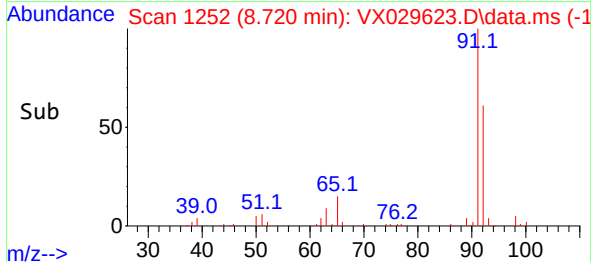
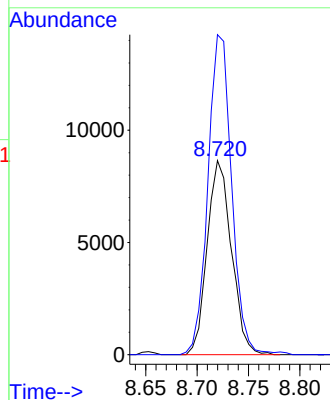
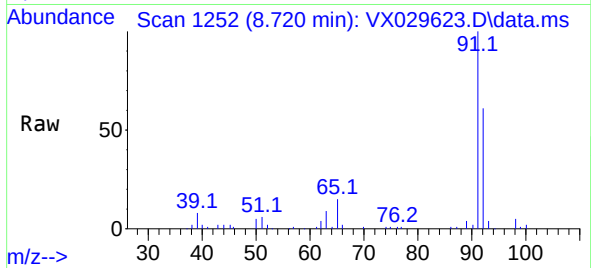




#52
Toluene
Concen: 1.840 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

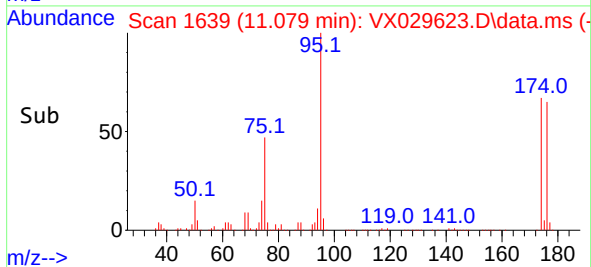
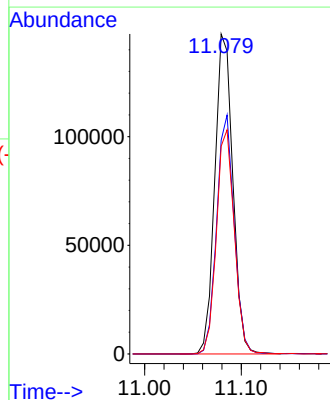
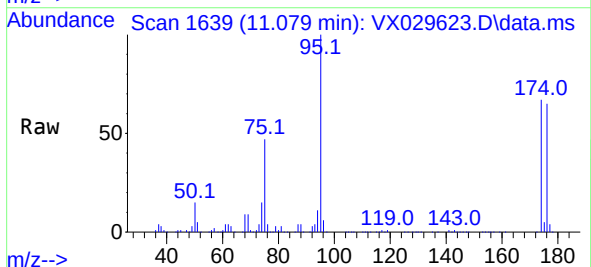
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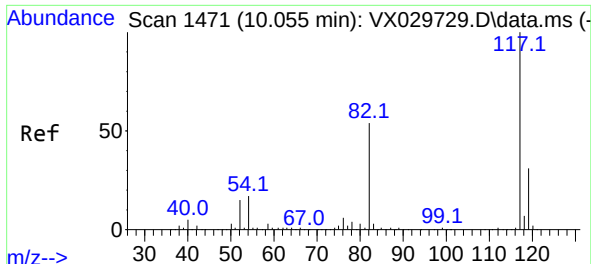
Tgt Ion: 92 Resp: 14231
Ion Ratio Lower Upper
92 100
91 161.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 45.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion: 95 Resp: 190501
Ion Ratio Lower Upper
95 100
174 72.7 0.0 163.0
176 69.5 0.0 155.0

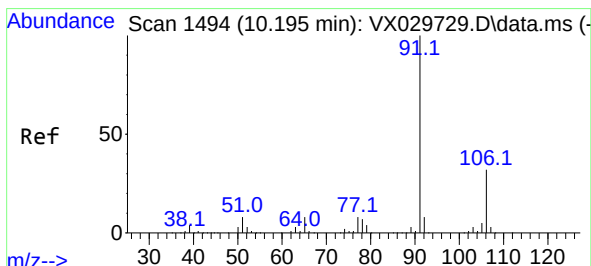
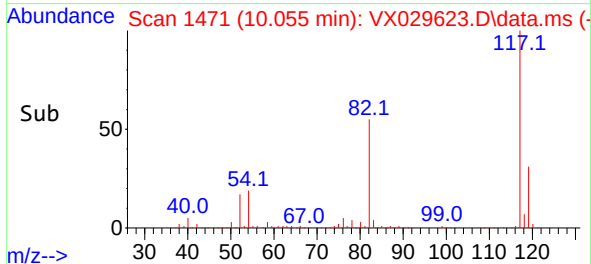
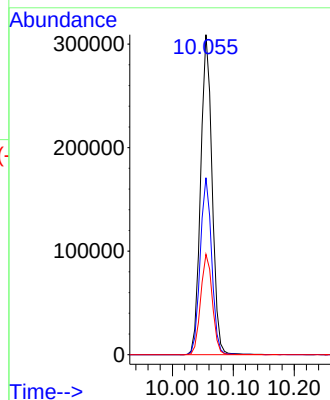
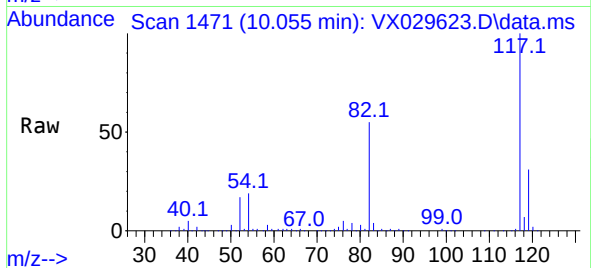




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

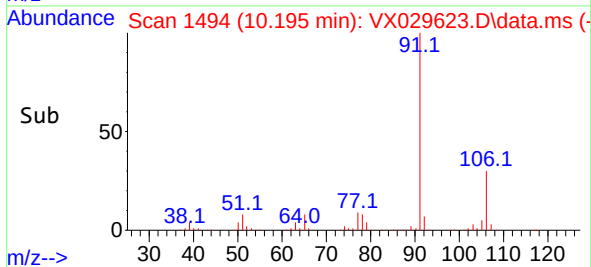
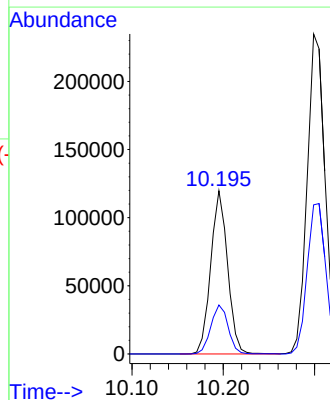
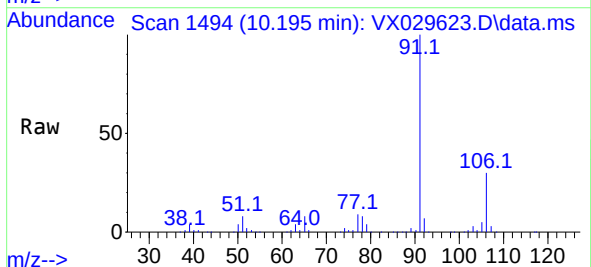
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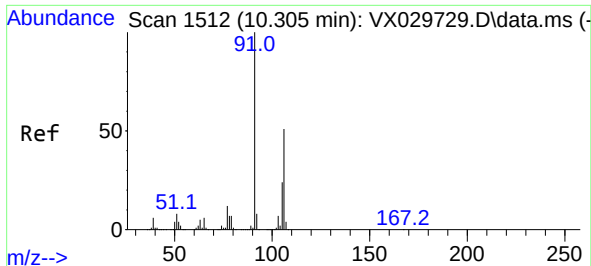
Tgt Ion:117 Resp: 402478
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.4 24.8 37.2



#67
Ethyl Benzene
Concen: 10.787 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion: 91 Resp: 153254
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8

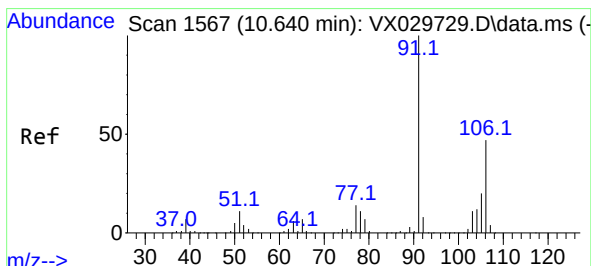
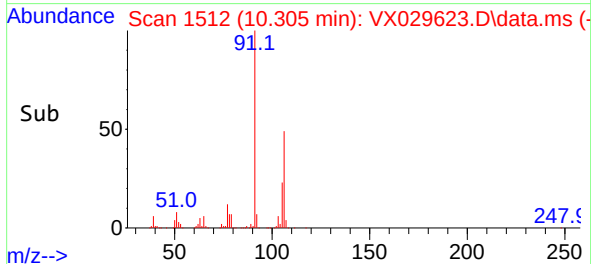
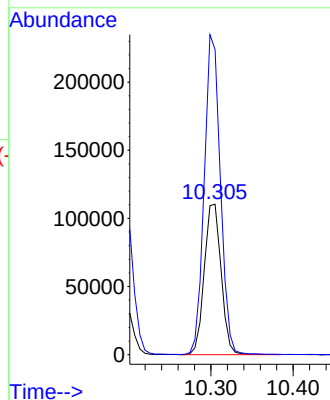
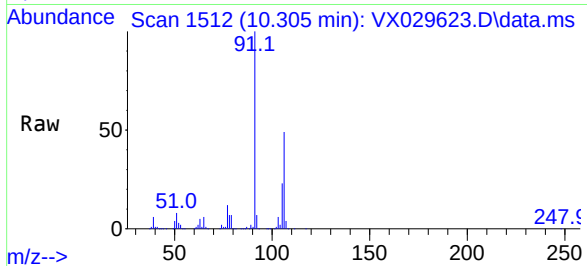




#68
m/p-Xylenes
Concen: 28.439 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

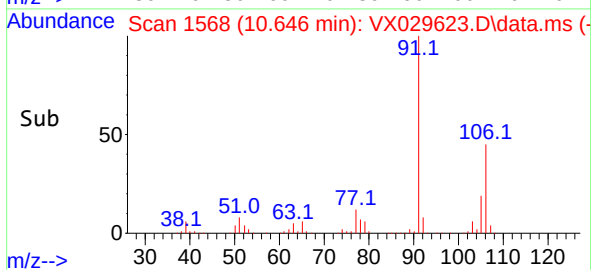
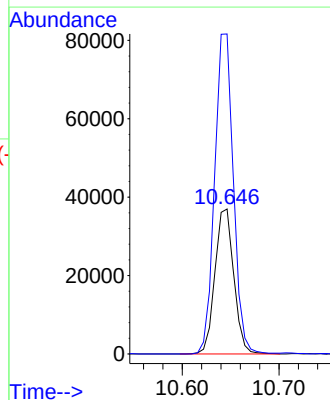
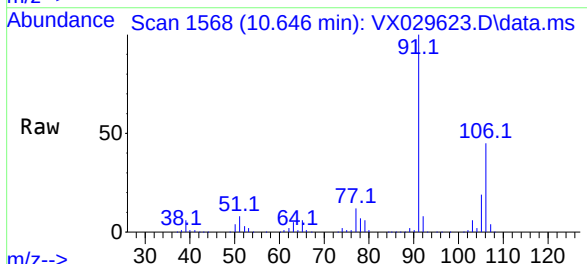
Instrument :
MSVOA_X
ClientSampleId :
MW-18DL

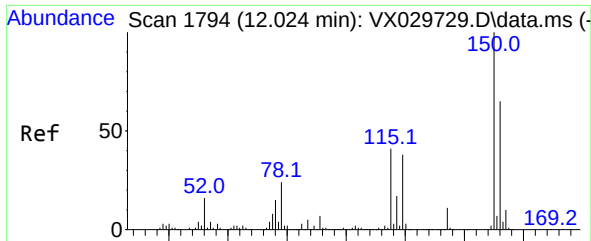
Tgt Ion:106 Resp: 157560
Ion Ratio Lower Upper
106 100
91 203.7 160.4 240.6



#69
o-Xylene
Concen: 9.154 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

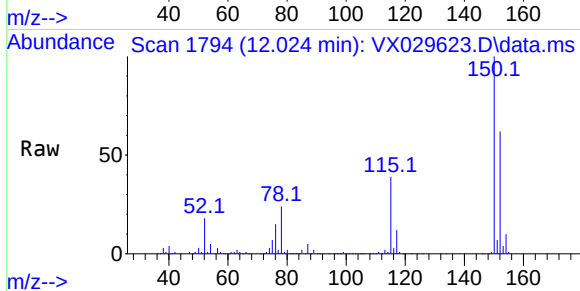
Tgt Ion:106 Resp: 50104
Ion Ratio Lower Upper
106 100
91 219.3 106.1 318.1



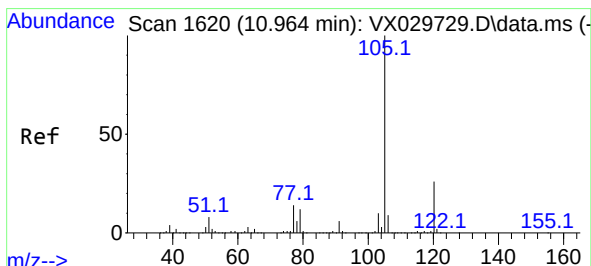
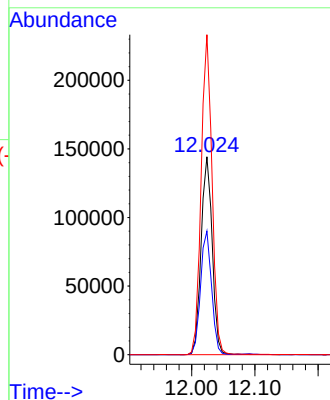
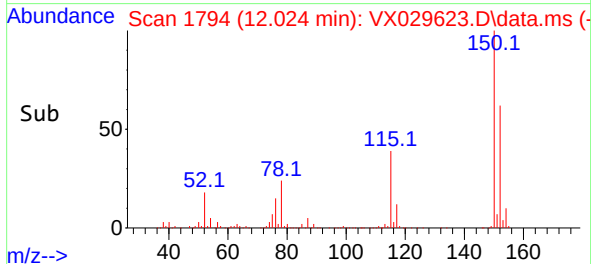


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

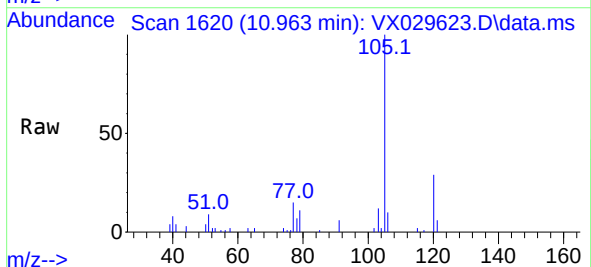
Instrument :
MSVOA_X
ClientSampleId :
MW-18DL



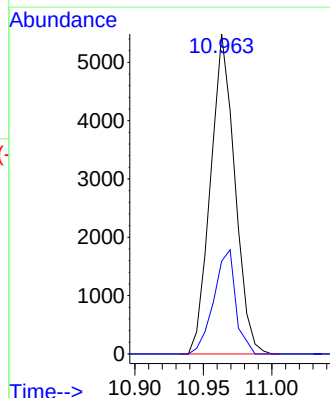
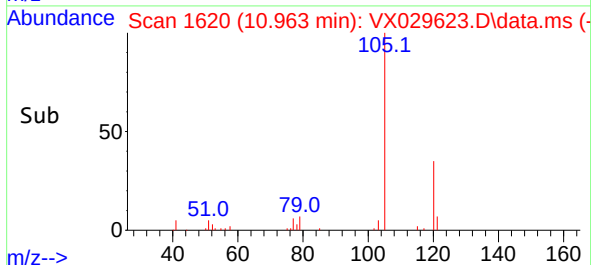
Tgt Ion:152 Resp: 176401
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 158.4 0.0 338.2

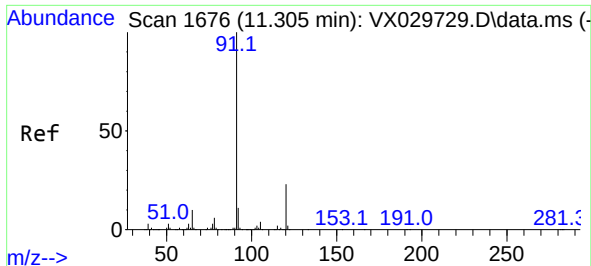


#73
Isopropylbenzene
Concen: 0.510 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16



Tgt Ion:105 Resp: 6752
Ion Ratio Lower Upper
105 100
120 29.3 13.5 40.5

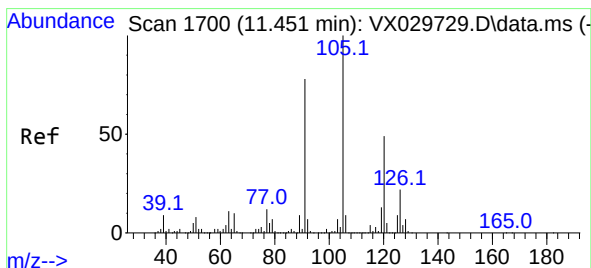
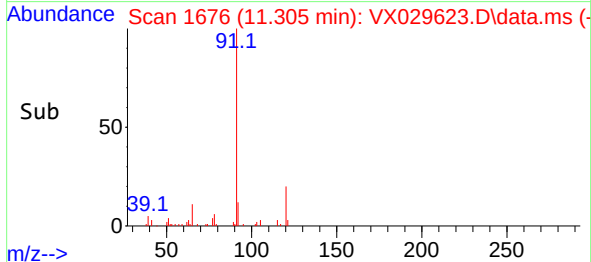
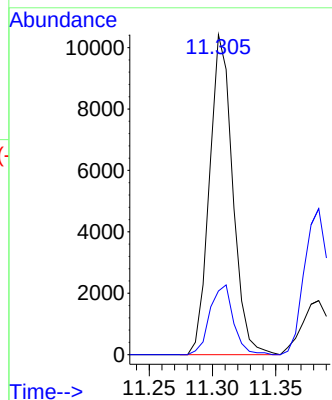
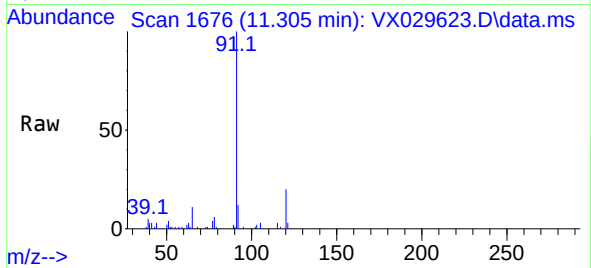




#78
n-propylbenzene
Concen: 0.892 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

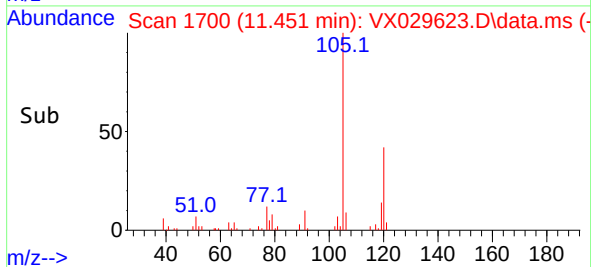
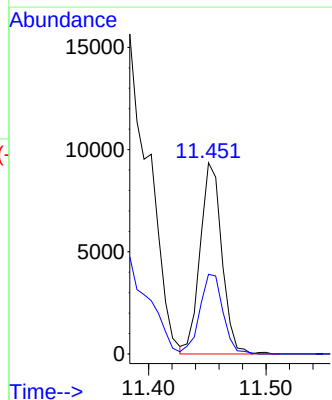
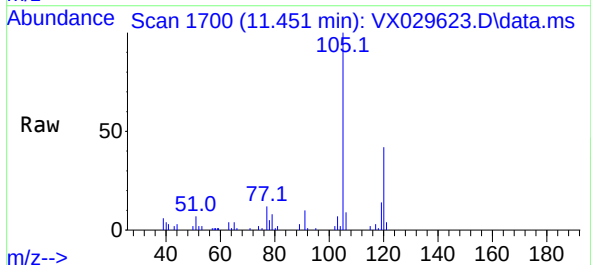
Instrument :
MSVOA_X
ClientSampleId :
MW-18DL

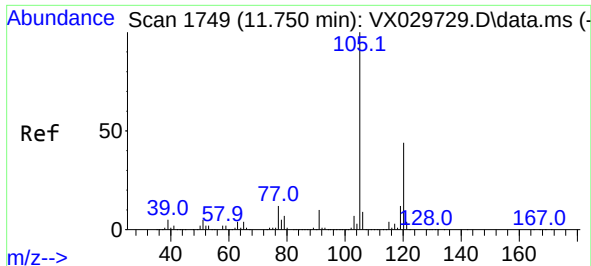
Tgt Ion: 91 Resp: 13295
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 1.079 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion:105 Resp: 12020
Ion Ratio Lower Upper
105 100
120 44.5 24.3 72.9

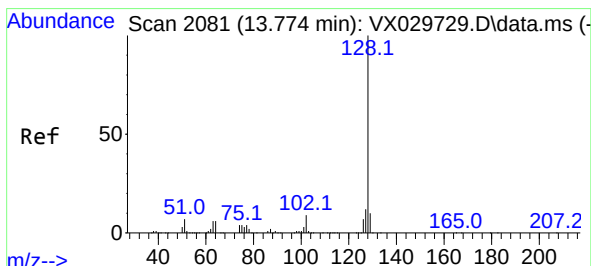
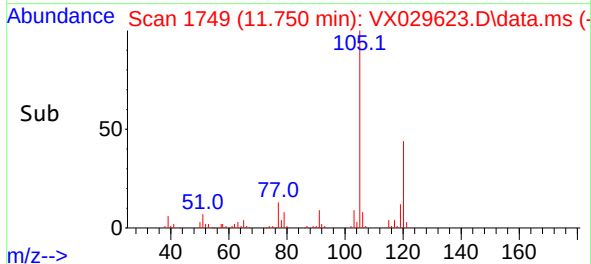
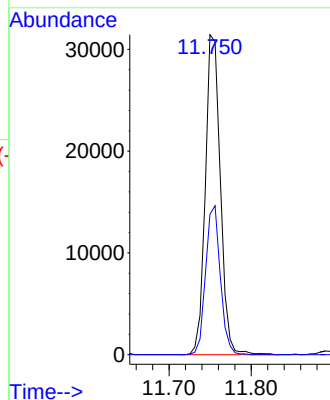
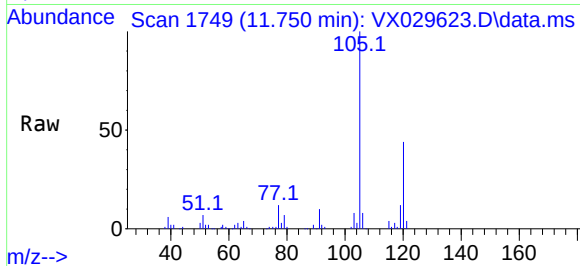




#84
1,2,4-Trimethylbenzene
Concen: 3.600 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
MW-18DL

Tgt Ion:105 Resp: 39995
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.8



#95
Naphthalene
Concen: 0.899 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029623.D
Acq: 20 Jun 2022 15:16

Tgt Ion:128 Resp: 11128
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.5 8.7 13.1

