

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031659.D
 Acq On : 26 Sep 2022 19:23
 Operator : JC/MD
 Sample : N4614-10DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41DL

Quant Time: Sep 27 01:55:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

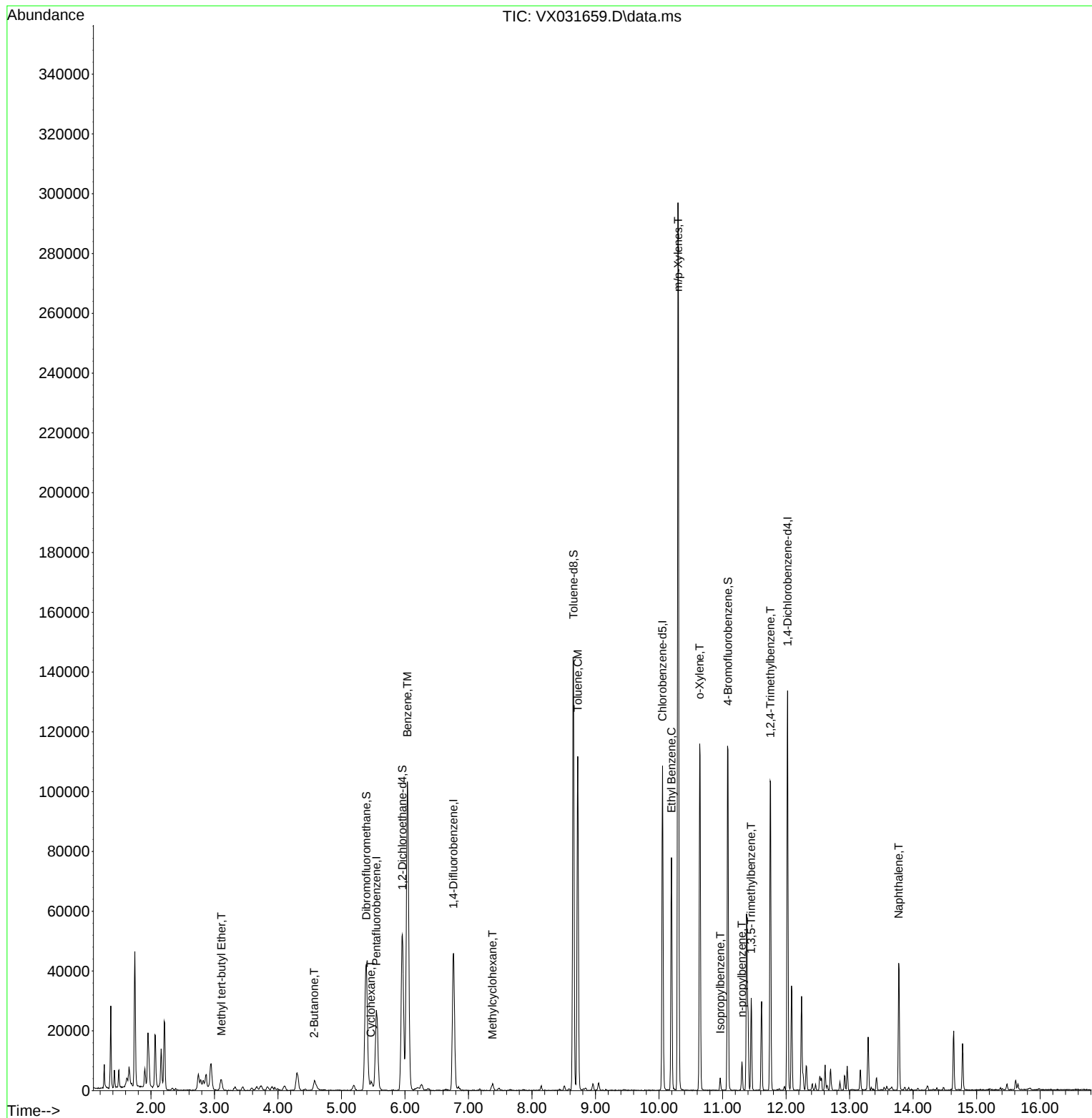
Internal Standards						
1) Pentafluorobenzene	5.550	168	26634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	48590	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	46495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	26061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47958	84.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 169.680%#			
35) Dibromofluoromethane	5.391	113	35682	61.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 123.260%			
50) Toluene-d8	8.653	98	86102	41.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 82.040%#			
62) 4-Bromofluorobenzene	11.085	95	27133	35.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 70.540%#			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	1668	1.327	ug/l #	1
25) 2-Butanone	4.568	43	1209	4.481	ug/l #	77
31) Cyclohexane	5.464	56	1760	3.275	ug/l #	82
39) Methylcyclohexane	7.379	83	938	1.238	ug/l #	85
40) Benzene	6.037	78	123078	60.270	ug/l	99
52) Toluene	8.720	92	40747	29.934	ug/l	99
67) Ethyl Benzene	10.195	91	43552	19.765	ug/l	97
68) m/p-Xylenes	10.299	106	67556	76.304	ug/l	95
69) o-Xylene	10.640	106	25562	29.539	ug/l	97
73) Isopropylbenzene	10.963	105	1865	1.107	ug/l	95
78) n-propylbenzene	11.305	91	5905	3.149	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	12384	8.668	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	45098	31.891	ug/l	98
95) Naphthalene	13.774	128	26837	16.517	ug/l	99

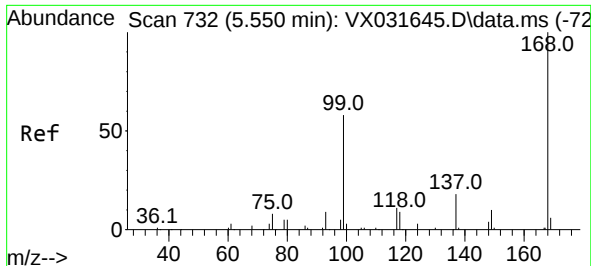
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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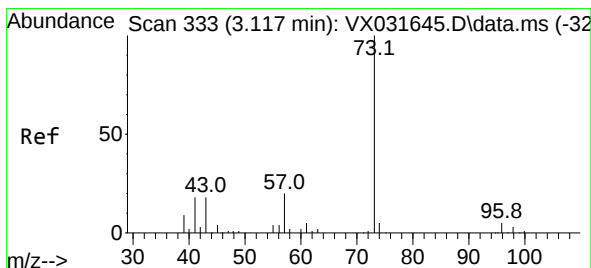
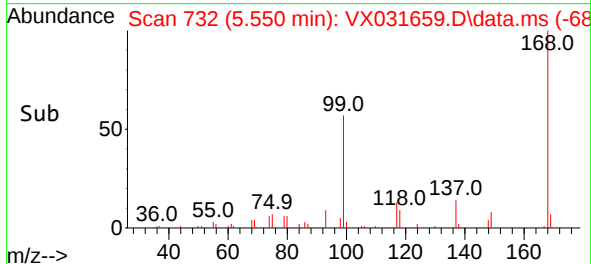
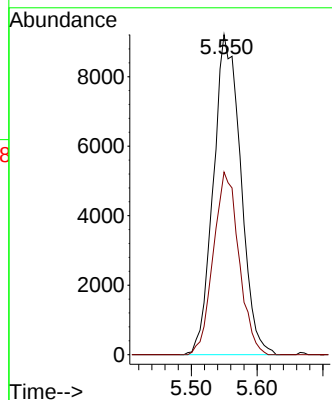
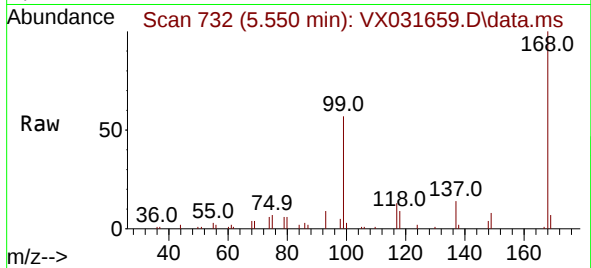




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

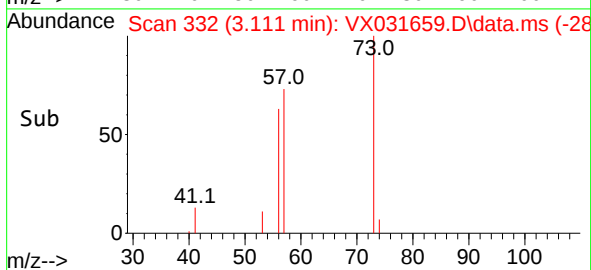
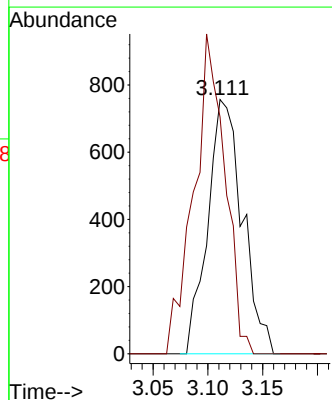
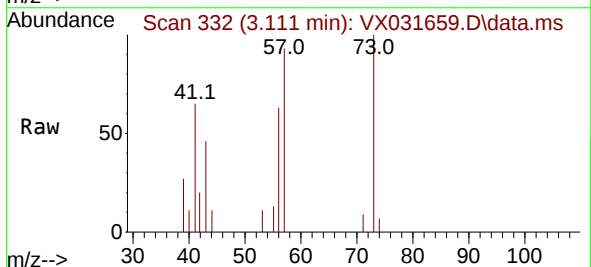
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

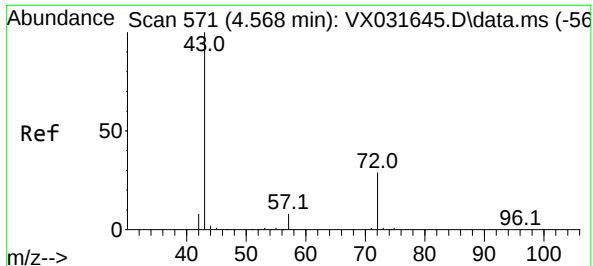
Tgt Ion:168 Resp: 26634
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 1.327 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion: 73 Resp: 1668
Ion Ratio Lower Upper
73 100
57 93.1 17.2 25.8#





#25

2-Butanone

Concen: 4.481 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX031659.D

Acq: 26 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

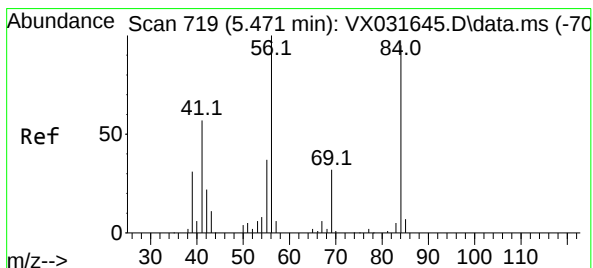
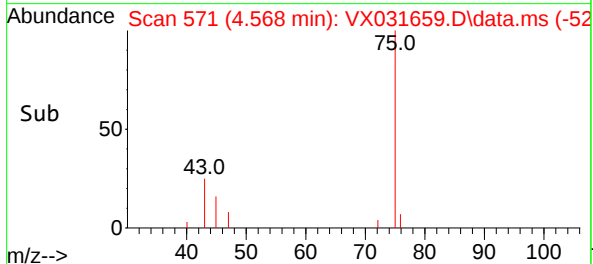
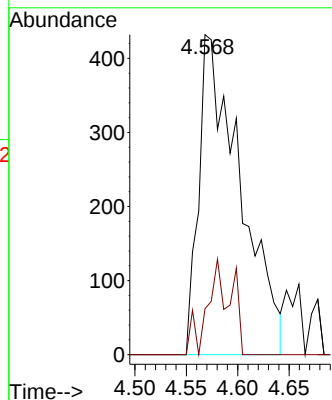
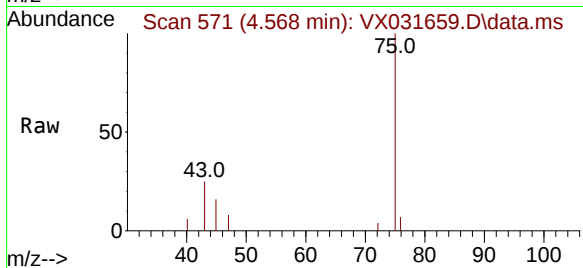
MW-41DL

Tgt Ion: 43 Resp: 1209

Ion Ratio Lower Upper

43 100

72 14.4 21.1 31.7#



#31

Cyclohexane

Concen: 3.275 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.007 min

Lab File: VX031659.D

Acq: 26 Sep 2022 19:23

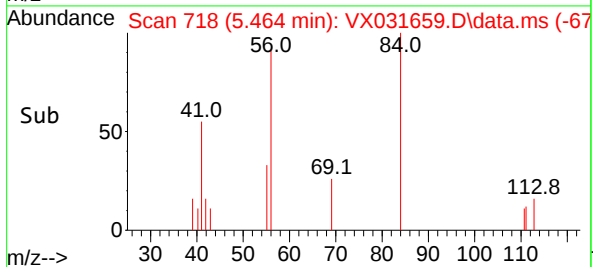
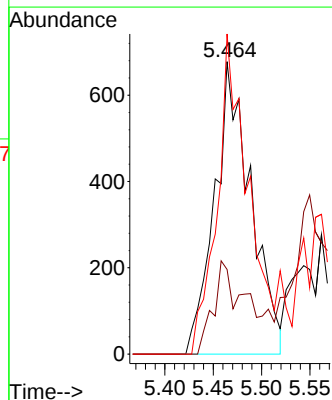
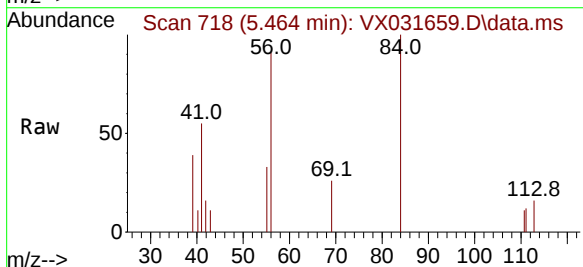
Tgt Ion: 56 Resp: 1760

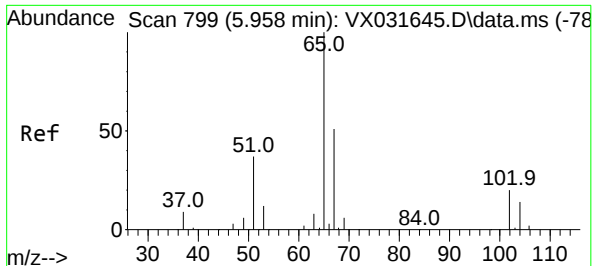
Ion Ratio Lower Upper

56 100

69 28.9 25.1 37.7

84 109.4 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 84.839 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031659.D

Acq: 26 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

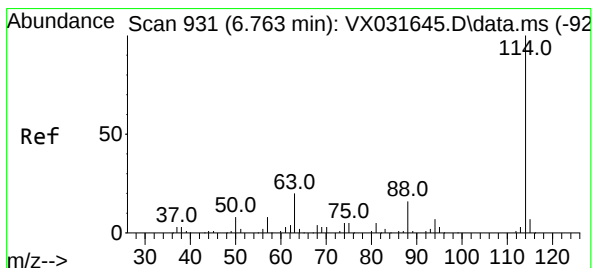
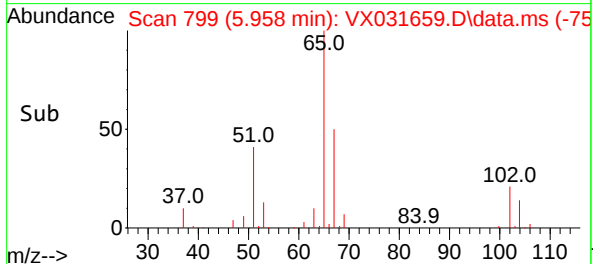
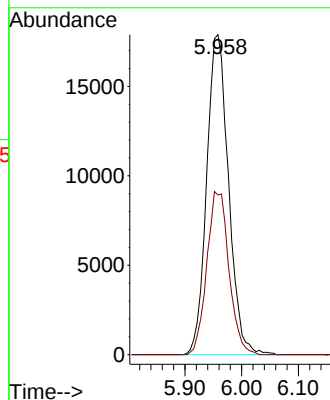
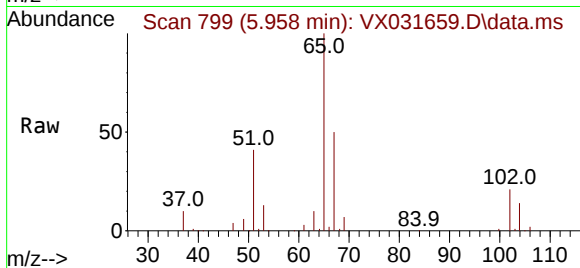
MW-41DL

Tgt Ion: 65 Resp: 47958

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031659.D

Acq: 26 Sep 2022 19:23

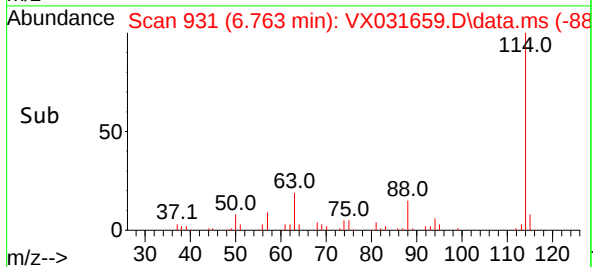
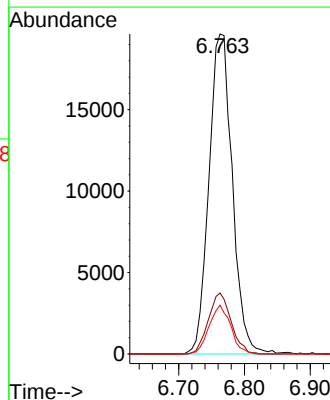
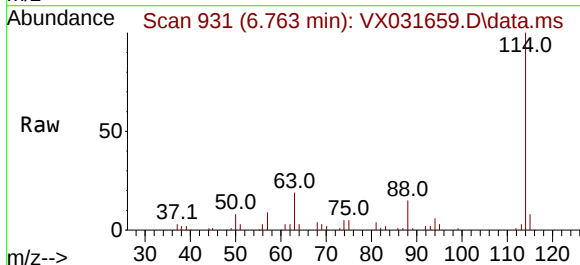
Tgt Ion: 114 Resp: 48590

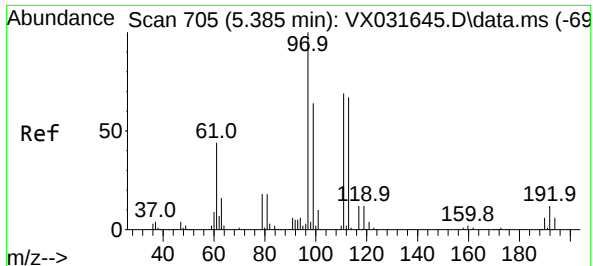
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 61.631 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031659.D

Acq: 26 Sep 2022 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-41DL

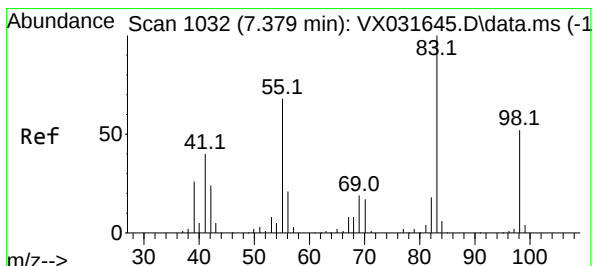
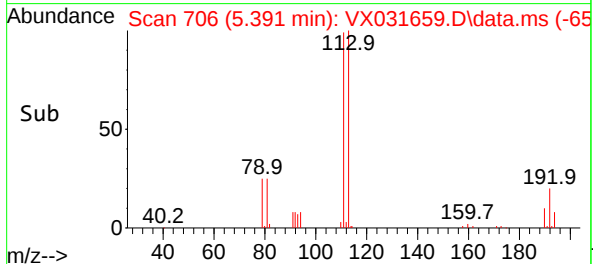
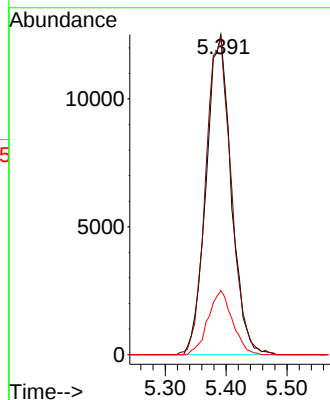
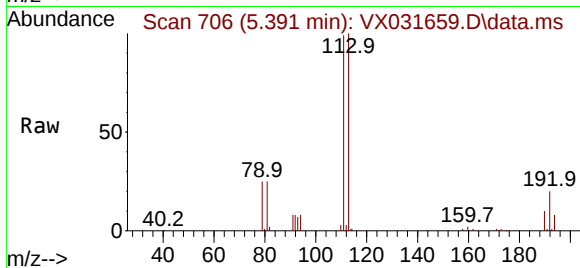
Tgt Ion:113 Resp: 35682

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 19.5 14.1 21.1



#39

Methylcyclohexane

Concen: 1.238 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031659.D

Acq: 26 Sep 2022 19:23

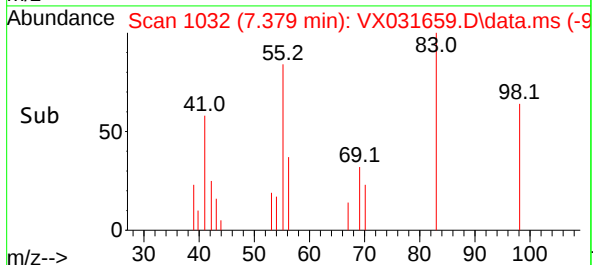
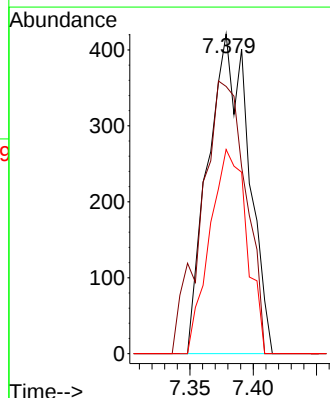
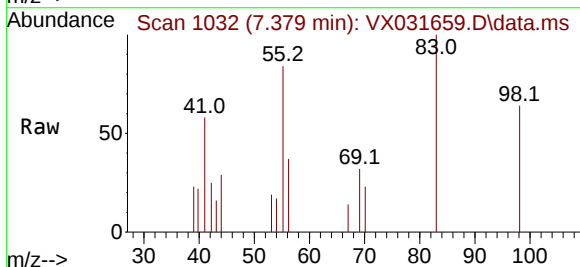
Tgt Ion: 83 Resp: 938

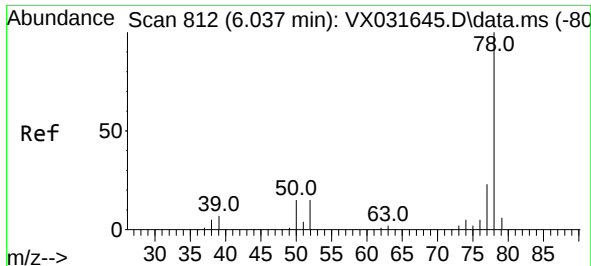
Ion Ratio Lower Upper

83 100

55 83.6 61.0 91.4

98 63.9 37.7 56.5#

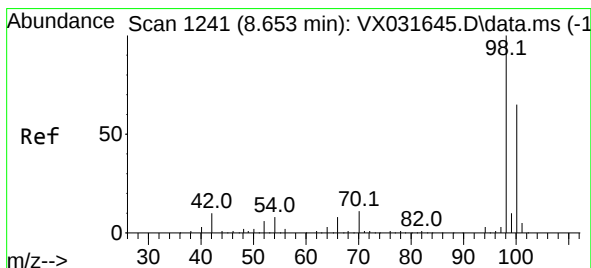
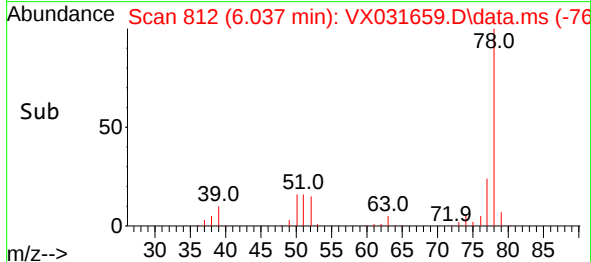
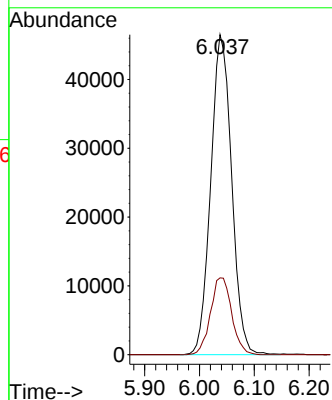
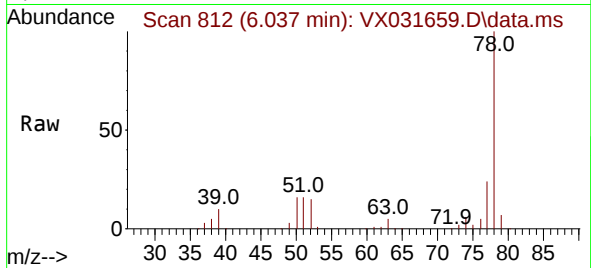




#40
Benzene
Concen: 60.270 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

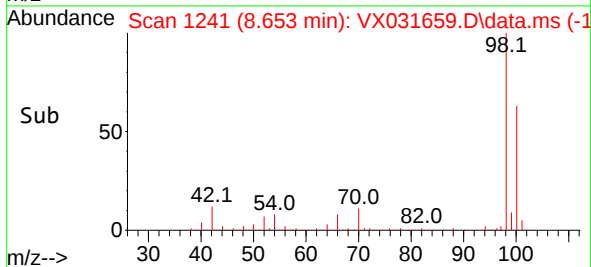
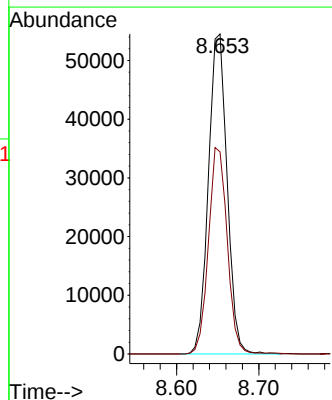
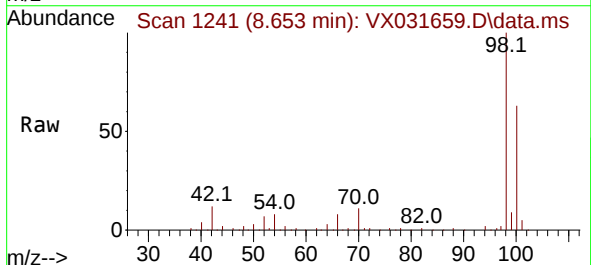
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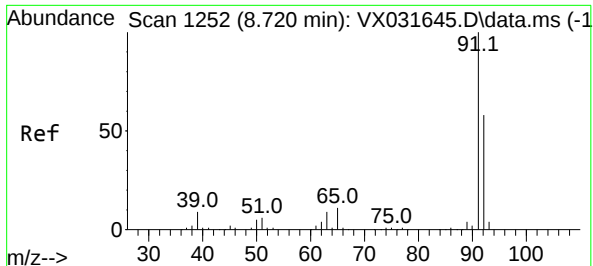
Tgt Ion: 78 Resp: 123078
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



#50
Toluene-d8
Concen: 41.021 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion: 98 Resp: 86102
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

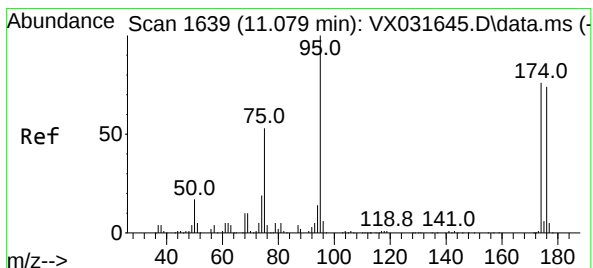
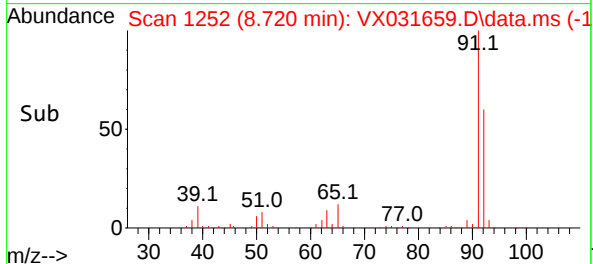
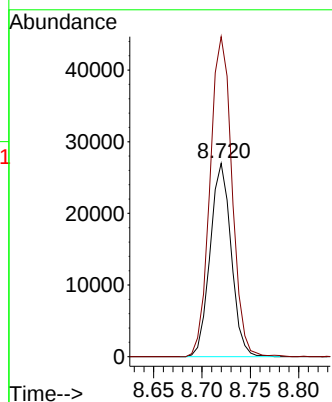
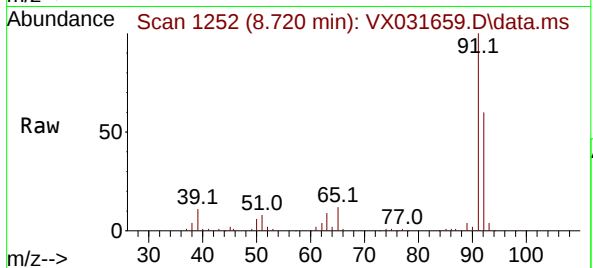




#52
Toluene
Concen: 29.934 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

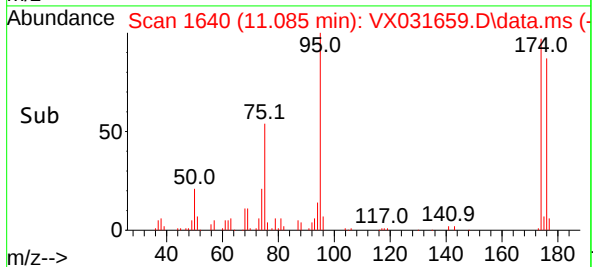
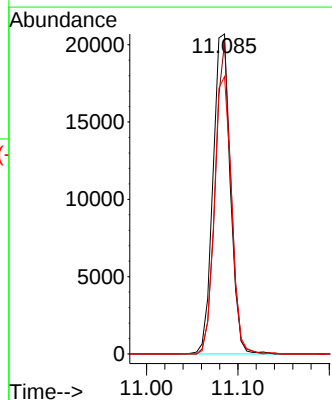
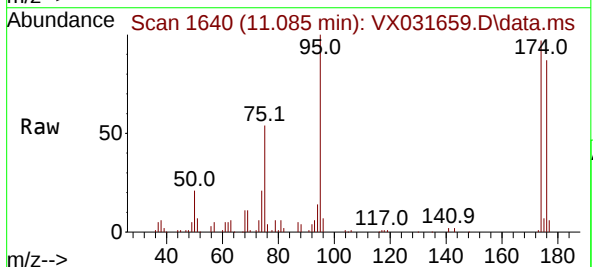
Instrument :
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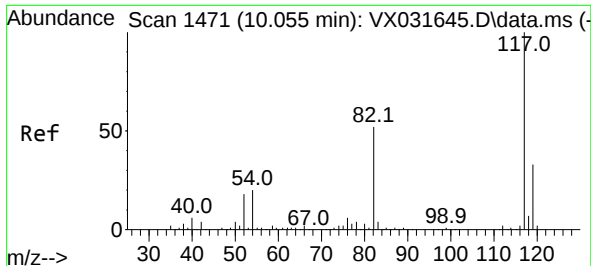
Tgt Ion: 92 Resp: 40747
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 35.269 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion: 95 Resp: 27133
Ion Ratio Lower Upper
95 100
174 88.7 0.0 153.2
176 86.3 0.0 144.0

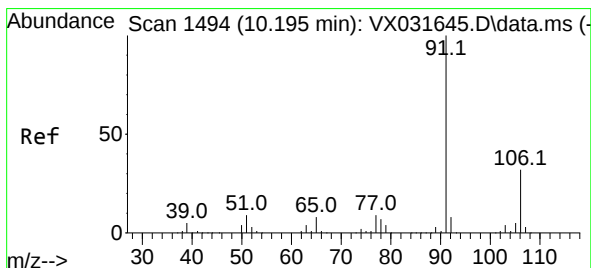
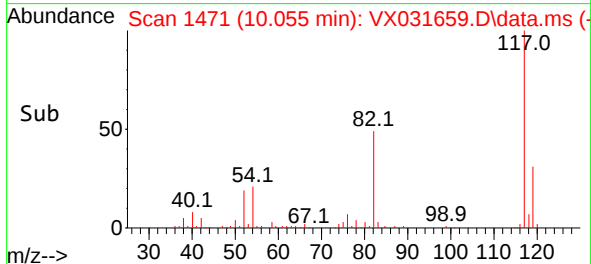
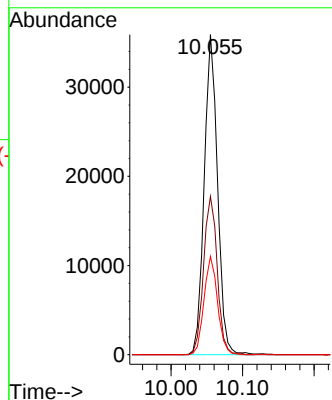
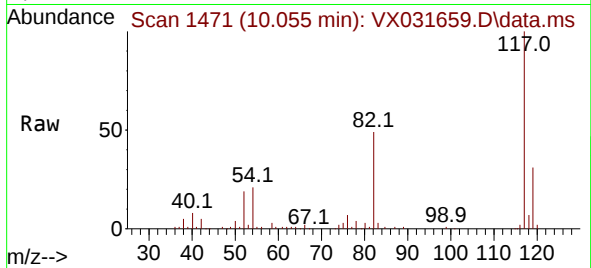




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

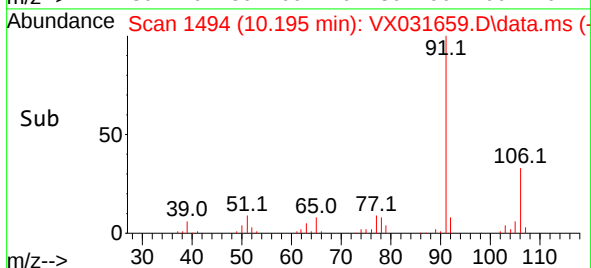
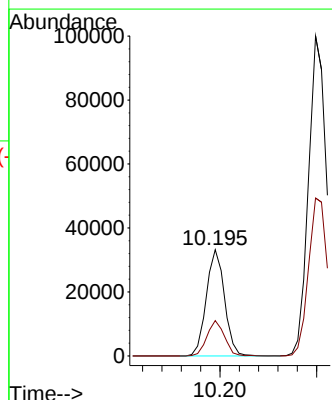
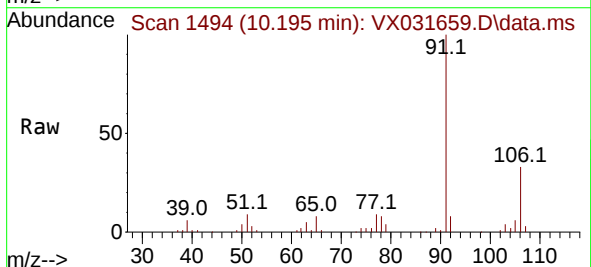
Instrument :
MSVOA_X
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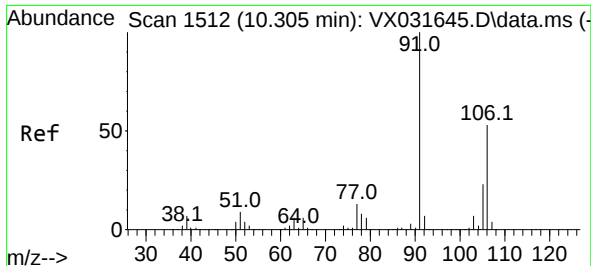
Tgt Ion:117 Resp: 46495
Ion Ratio Lower Upper
117 100
82 49.5 46.8 70.2
119 30.7 26.4 39.6



#67
Ethyl Benzene
Concen: 19.765 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion: 91 Resp: 43552
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8

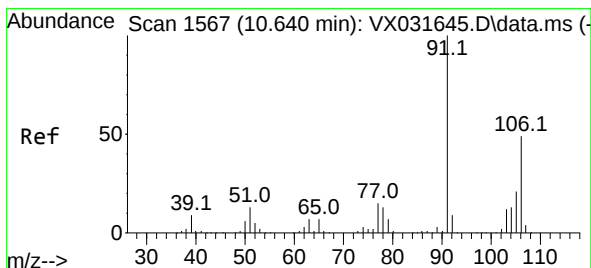
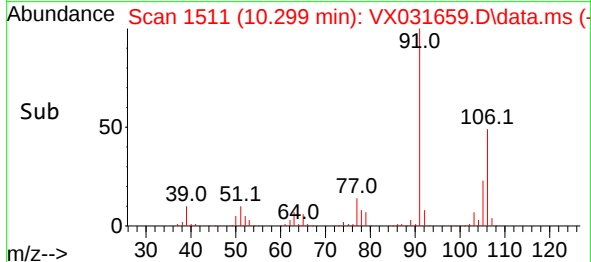
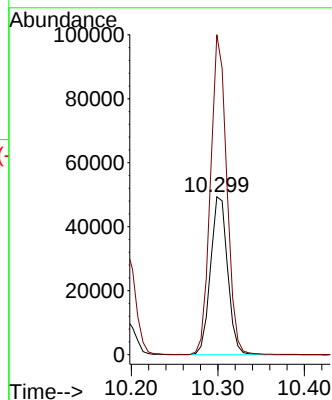
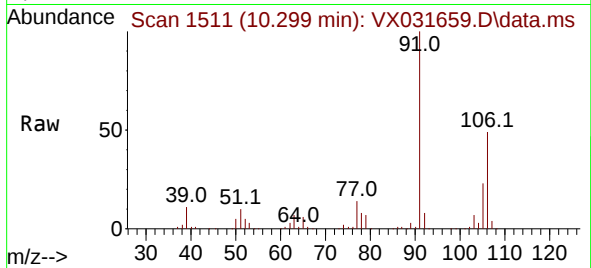




#68
m/p-Xylenes
Concen: 76.304 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

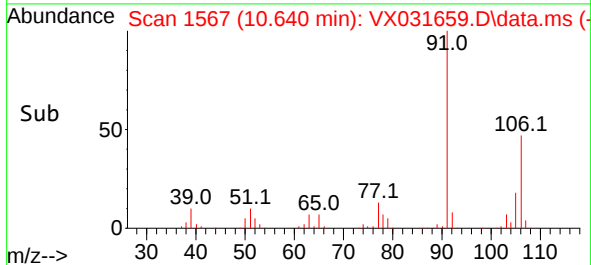
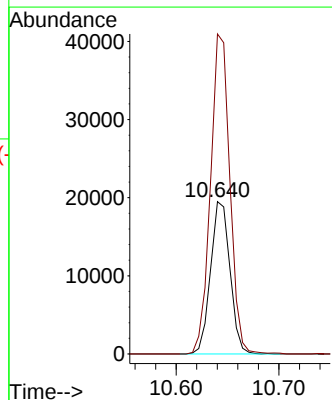
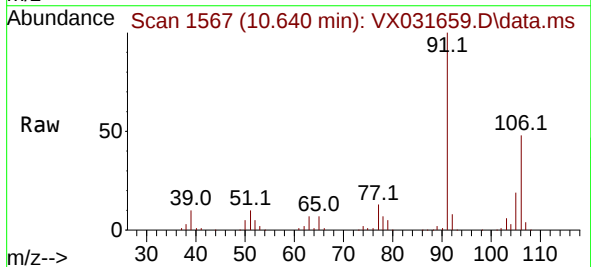
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

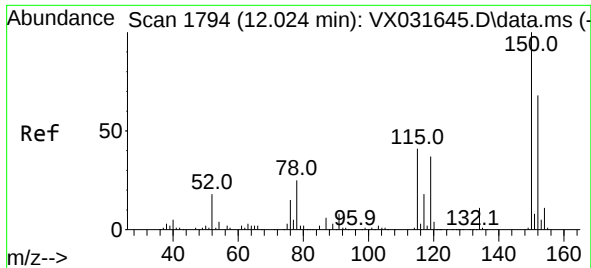
Tgt Ion:106 Resp: 67556
Ion Ratio Lower Upper
106 100
91 193.7 161.0 241.4



#69
o-Xylene
Concen: 29.539 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion:106 Resp: 25562
Ion Ratio Lower Upper
106 100
91 209.7 107.2 321.6

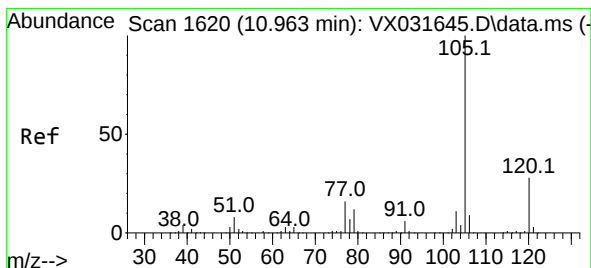
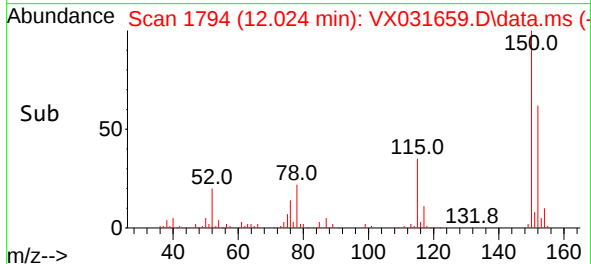
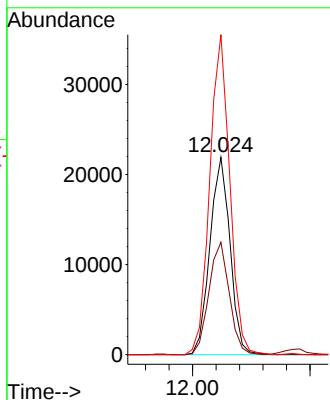
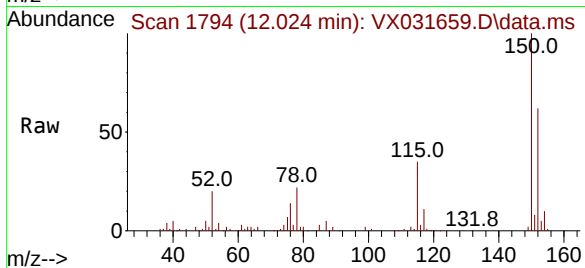




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

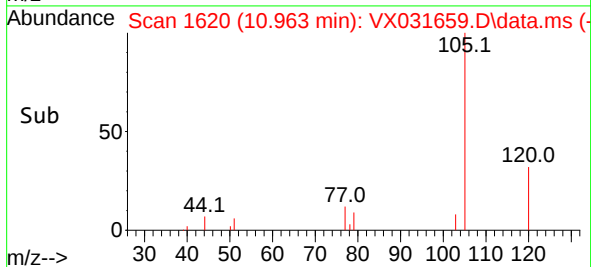
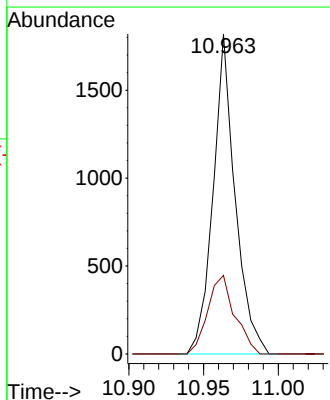
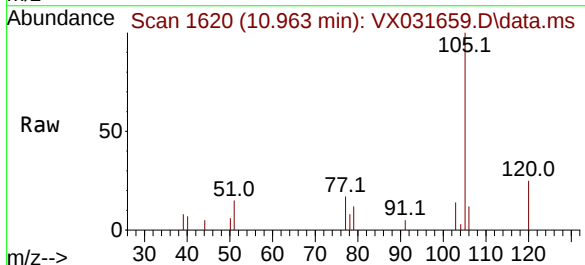
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

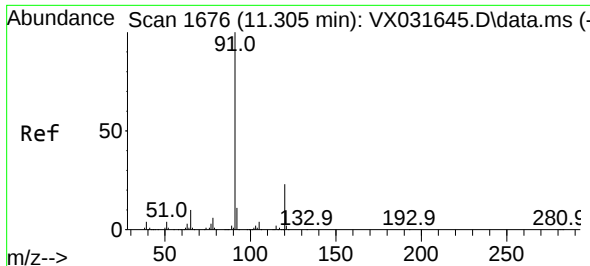
Tgt Ion:152 Resp: 26061
Ion Ratio Lower Upper
152 100
115 57.8 43.4 130.1
150 161.1 0.0 346.8



#73
Isopropylbenzene
Concen: 1.107 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion:105 Resp: 1865
Ion Ratio Lower Upper
105 100
120 30.0 13.7 41.0

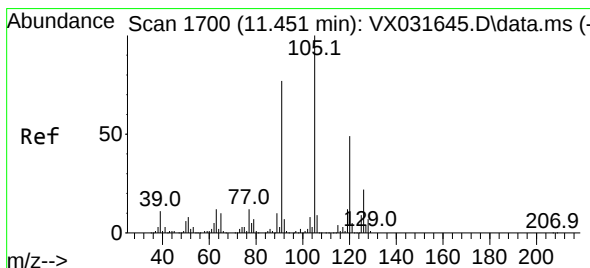
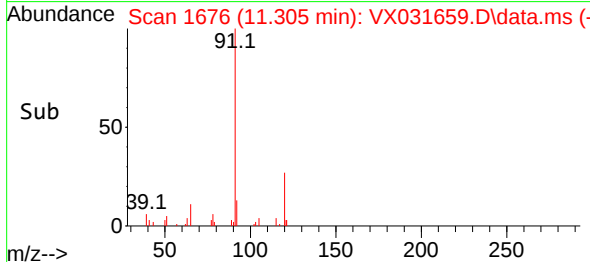
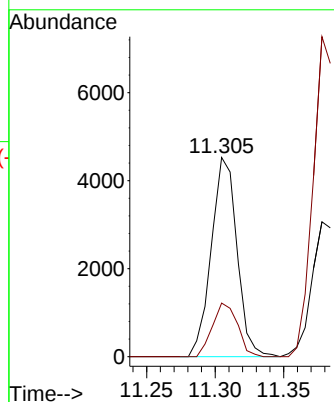
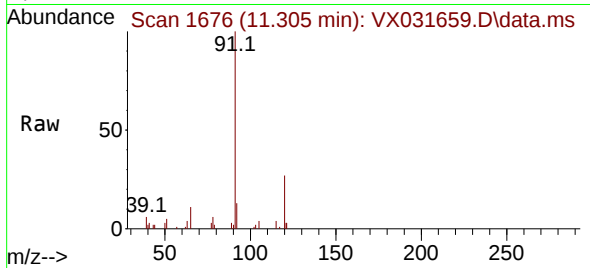




#78
n-propylbenzene
Concen: 3.149 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

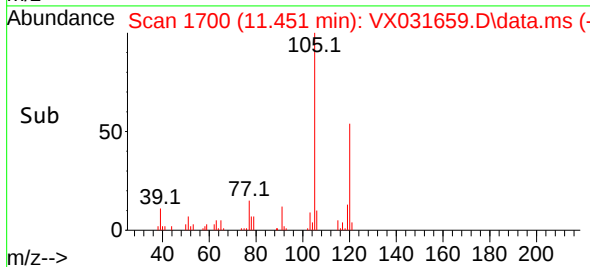
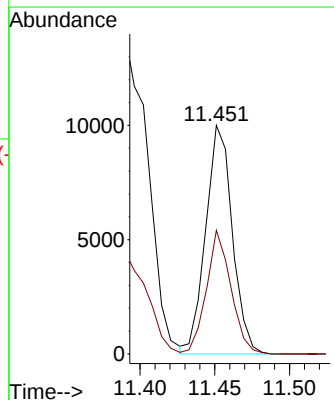
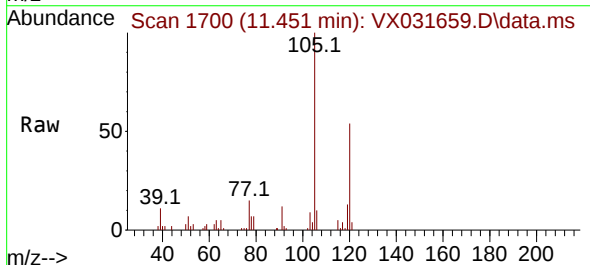
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

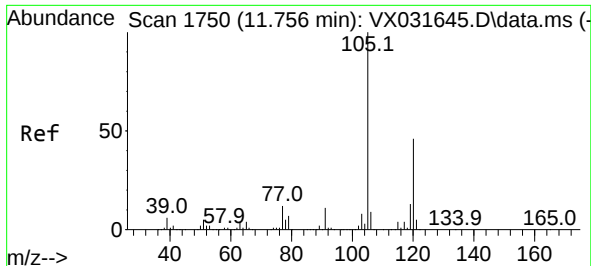
Tgt Ion: 91 Resp: 5905
Ion Ratio Lower Upper
91 100
120 26.3 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 8.668 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion: 105 Resp: 12384
Ion Ratio Lower Upper
105 100
120 49.8 24.5 73.5

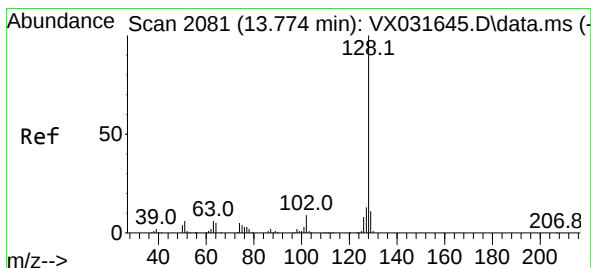
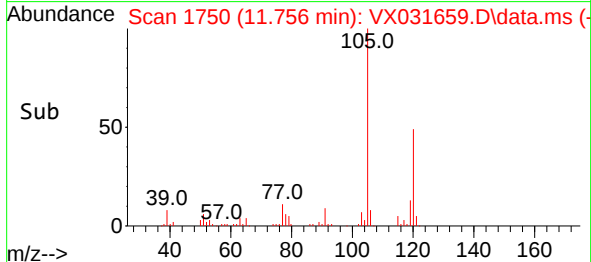
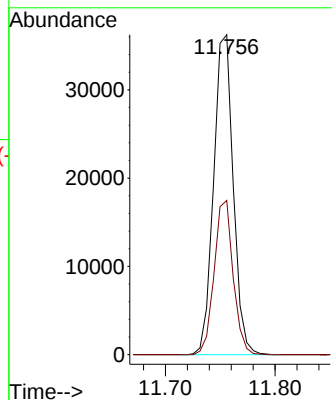
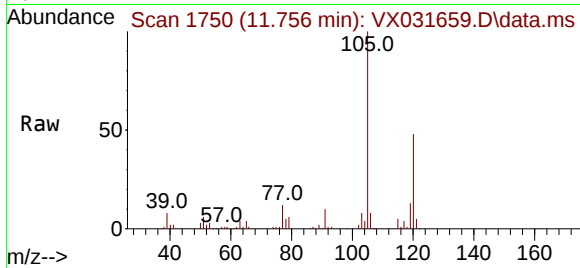




#84
1,2,4-Trimethylbenzene
Concen: 31.891 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

Tgt Ion:105 Resp: 45098
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8



#95
Naphthalene
Concen: 16.517 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031659.D
Acq: 26 Sep 2022 19:23

Tgt Ion:128 Resp: 26837
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.8 13.2

