

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031658.D
 Acq On : 26 Sep 2022 19:00
 Operator : JC/MD
 Sample : N4614-11DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42DL

Quant Time: Sep 27 01:55:21 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)

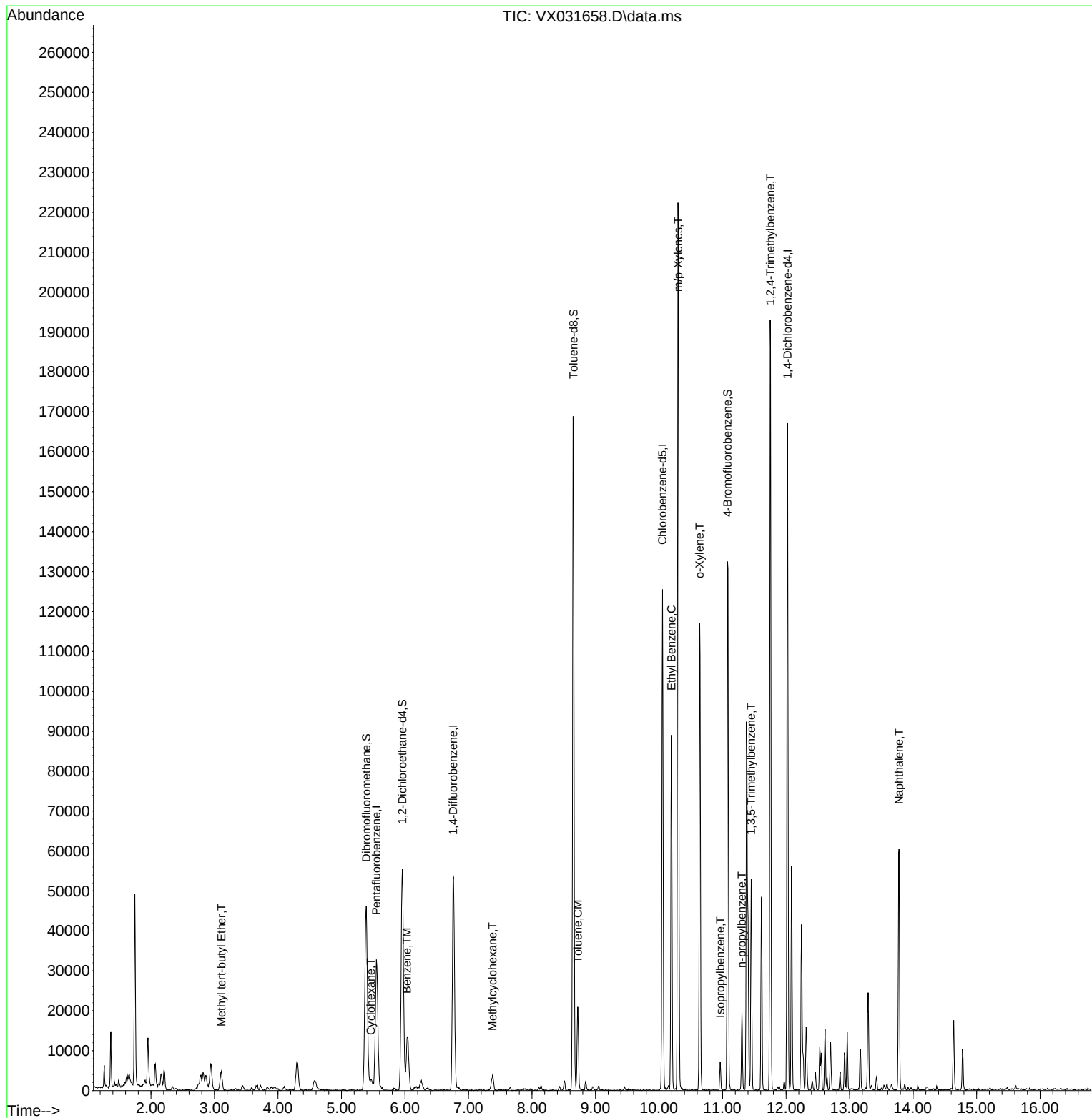
Internal Standards						
1) Pentafluorobenzene	5.550	168	31649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	56384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	53568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50471	75.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	150.280%#
35) Dibromofluoromethane	5.391	113	37685	56.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.180%
50) Toluene-d8	8.653	98	100460	41.246	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.500%#
62) 4-Bromofluorobenzene	11.079	95	32134	35.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	72.000%#
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	2147	1.437	ug/l #	1
31) Cyclohexane	5.464	56	1672	2.618	ug/l #	86
39) Methylcyclohexane	7.379	83	1494	1.700	ug/l	88
40) Benzene	6.031	78	16674	7.036	ug/l	97
52) Toluene	8.720	92	7989	5.058	ug/l	97
67) Ethyl Benzene	10.195	91	50384	19.846	ug/l	100
68) m/p-Xylenes	10.299	106	52772	51.735	ug/l	97
69) o-Xylene	10.640	106	25429	25.505	ug/l	98
73) Isopropylbenzene	10.964	105	3476	1.627	ug/l	90
78) n-propylbenzene	11.305	91	11501	4.837	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	22363	12.347	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	82723	46.142	ug/l	98
95) Naphthalene	13.780	128	39345	19.101	ug/l	99

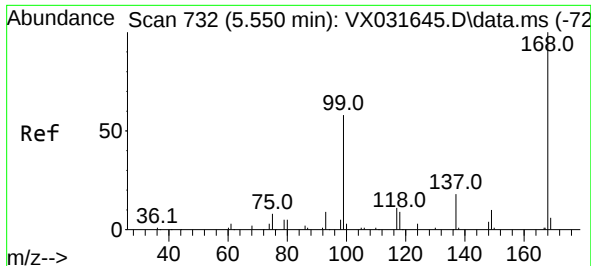
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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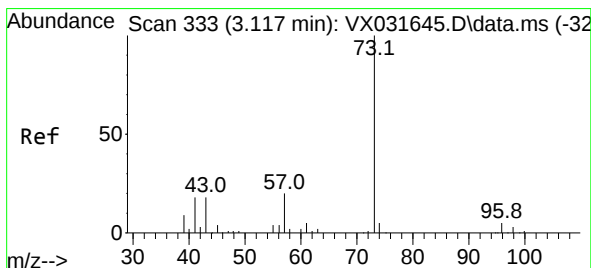
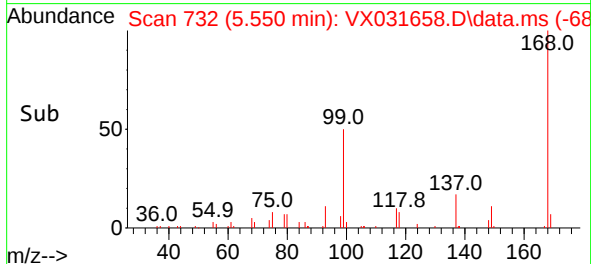
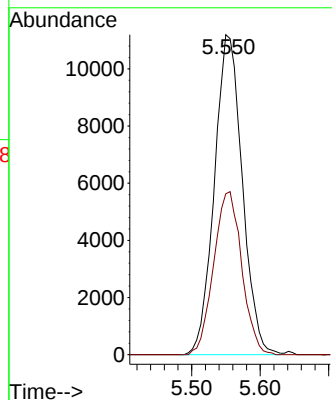
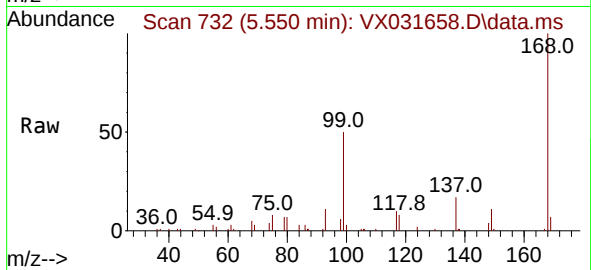




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

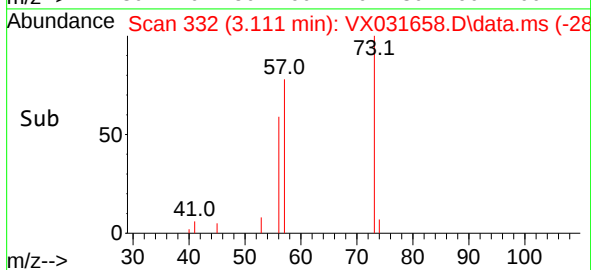
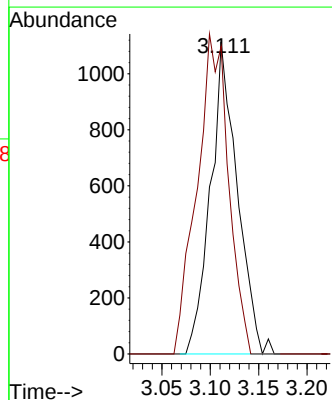
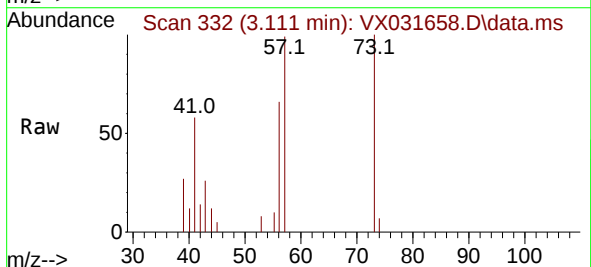
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

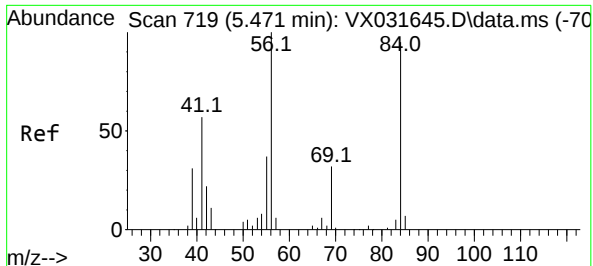
Tgt Ion:168 Resp: 31649
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 1.437 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion: 73 Resp: 2147
Ion Ratio Lower Upper
73 100
57 98.7 17.2 25.8#

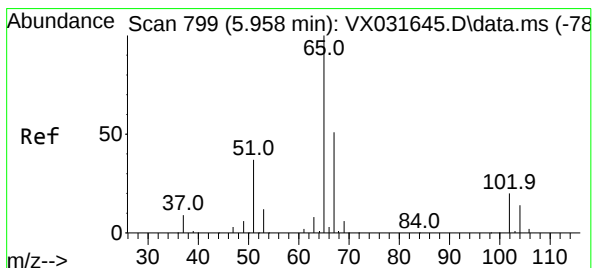
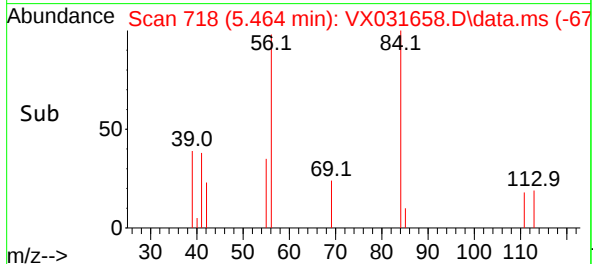
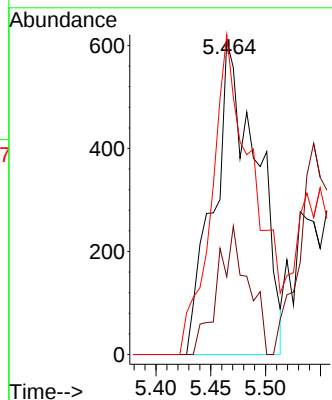
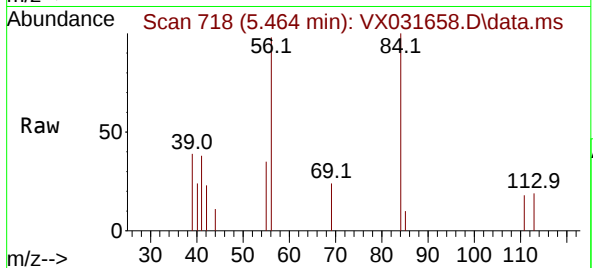




#31
Cyclohexane
Concen: 2.618 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

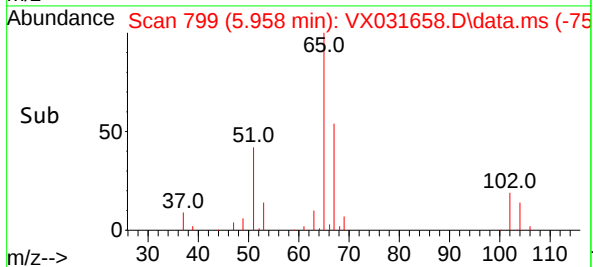
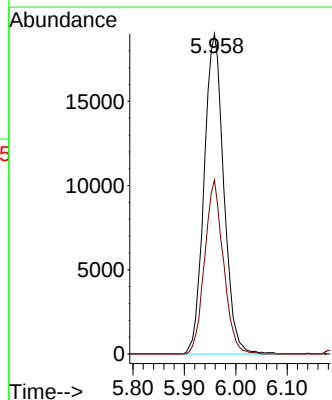
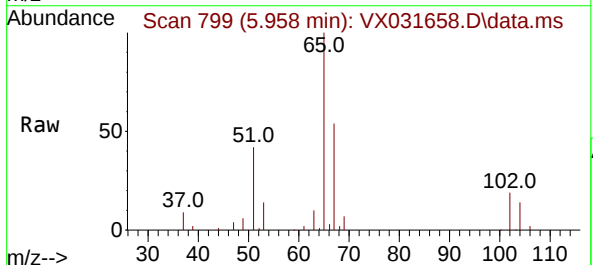
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

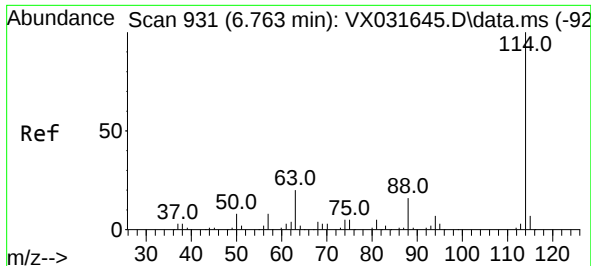
Tgt Ion: 56 Resp: 1672
Ion Ratio Lower Upper
56 100
69 24.8 25.1 37.7#
84 101.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 75.137 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion: 65 Resp: 50471
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

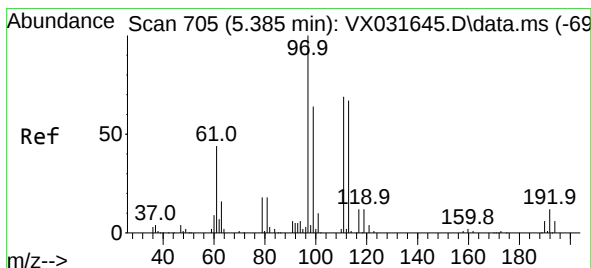
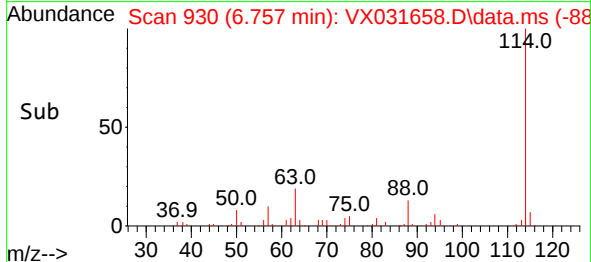
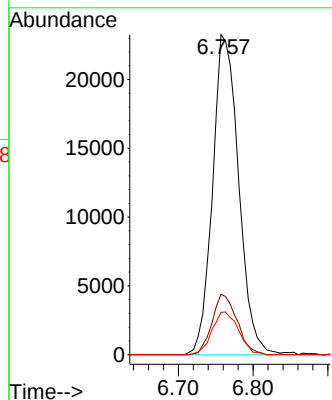
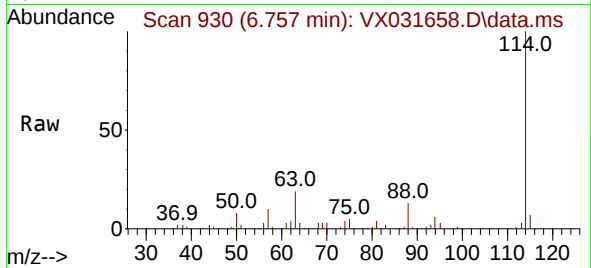




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

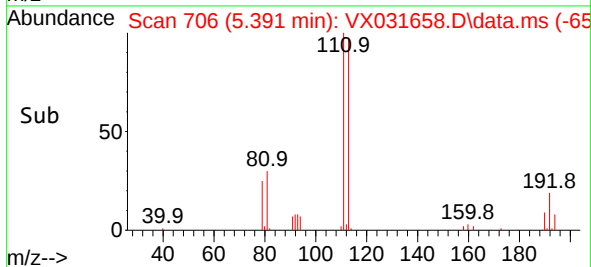
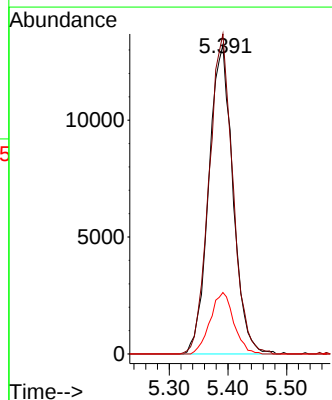
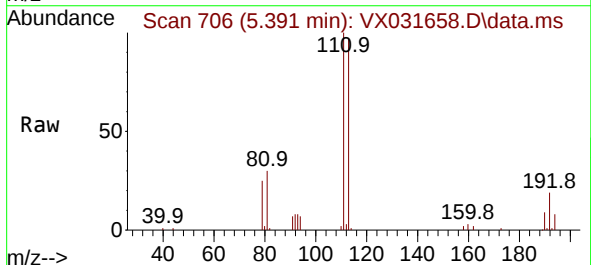
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

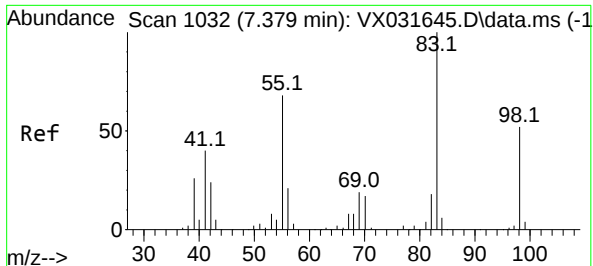
Tgt Ion:114 Resp: 56384
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.6
88 13.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 56.093 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion:113 Resp: 37685
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.4 14.1 21.1





#39

Methylcyclohexane

Concen: 1.700 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031658.D

Acq: 26 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

MW-42DL

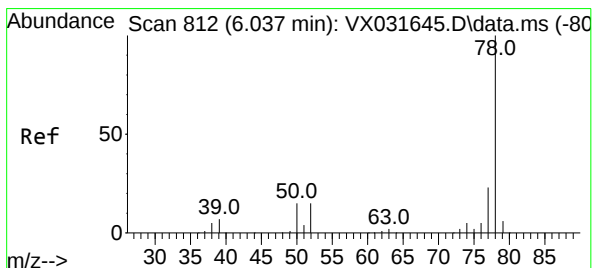
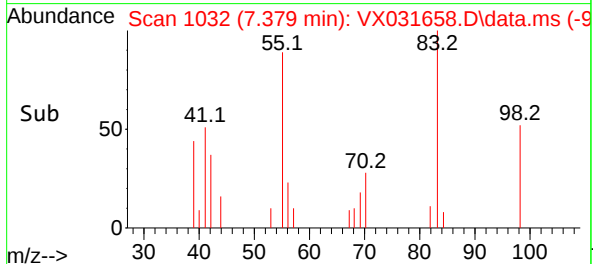
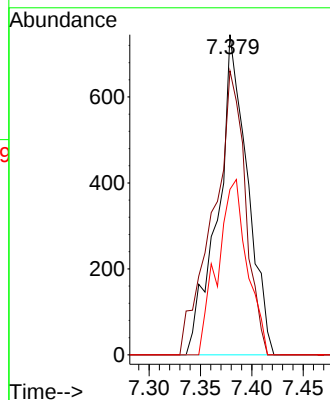
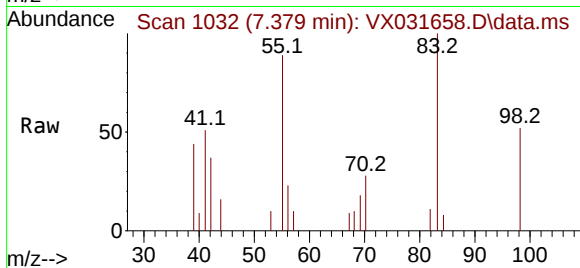
Tgt Ion: 83 Resp: 1494

Ion Ratio Lower Upper

83 100

55 88.7 61.0 91.4

98 51.7 37.7 56.5



#40

Benzene

Concen: 7.036 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.013 min

Lab File: VX031658.D

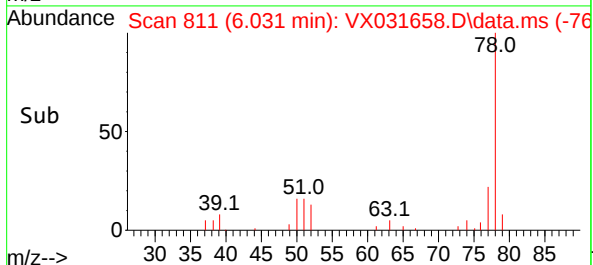
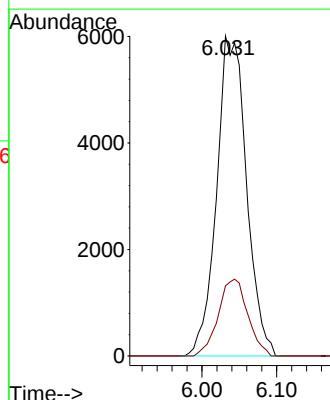
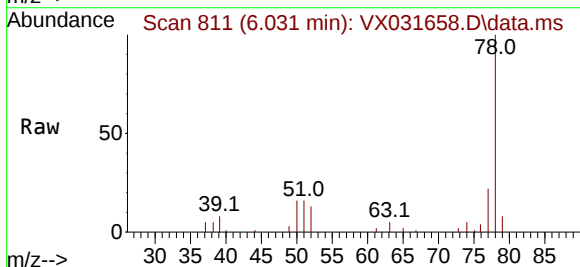
Acq: 26 Sep 2022 19:00

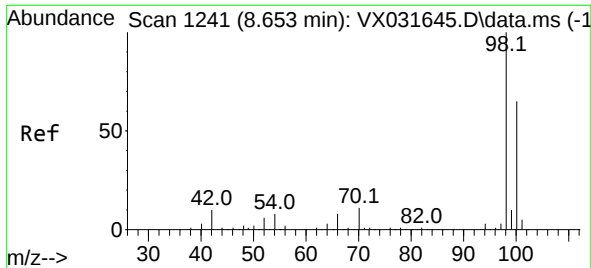
Tgt Ion: 78 Resp: 16674

Ion Ratio Lower Upper

78 100

77 21.9 18.7 28.1

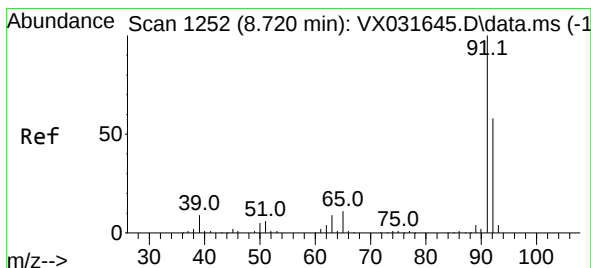
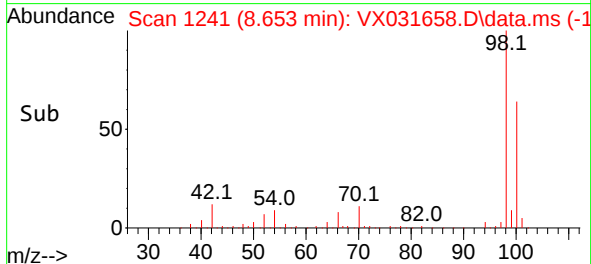
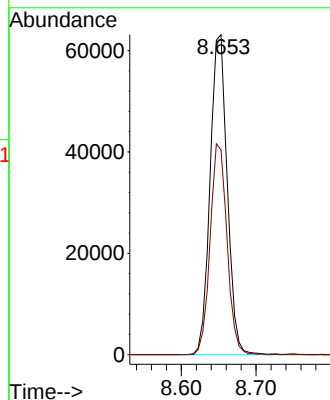
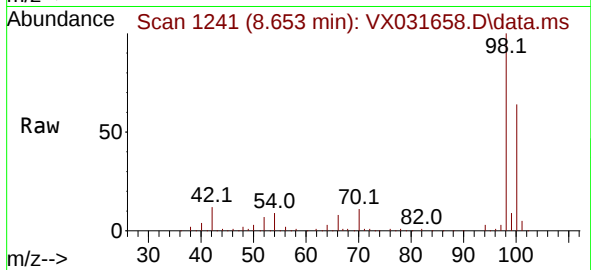




#50
Toluene-d8
Concen: 41.246 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

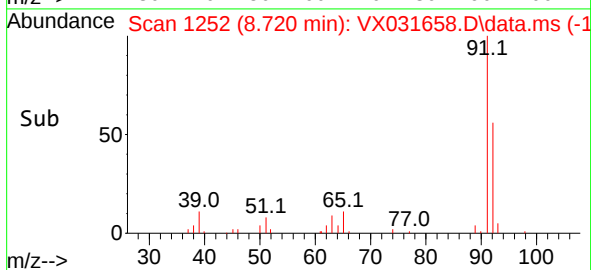
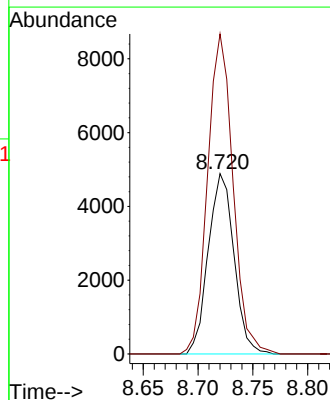
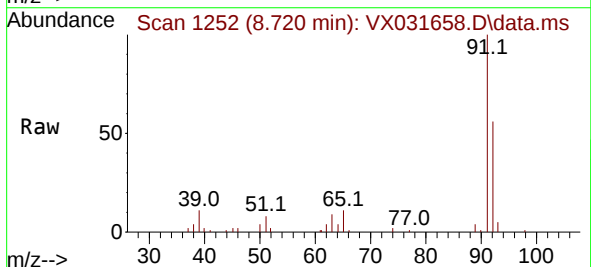
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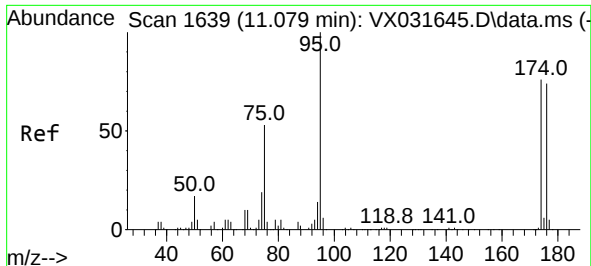
Tgt Ion: 98 Resp: 100460
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#52
Toluene
Concen: 5.058 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion: 92 Resp: 7989
Ion Ratio Lower Upper
92 100
91 175.0 137.1 205.7

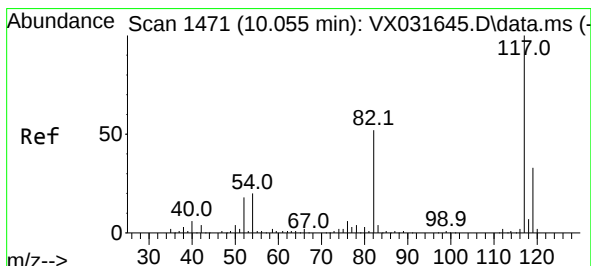
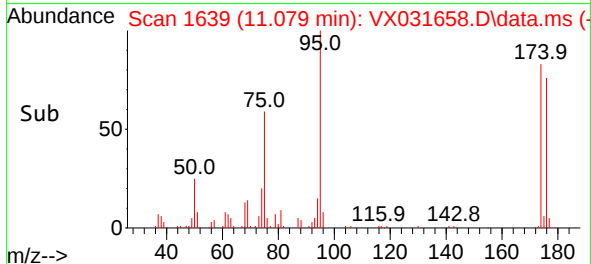
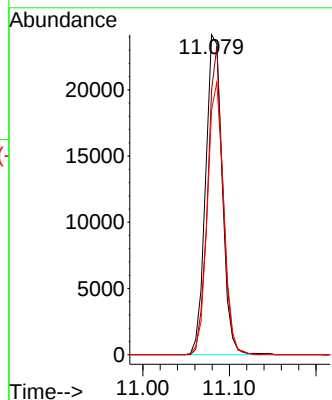
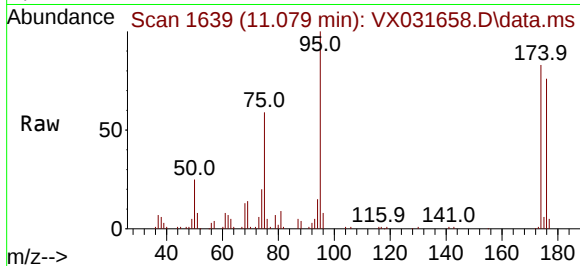




#62
4-Bromofluorobenzene
Concen: 35.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

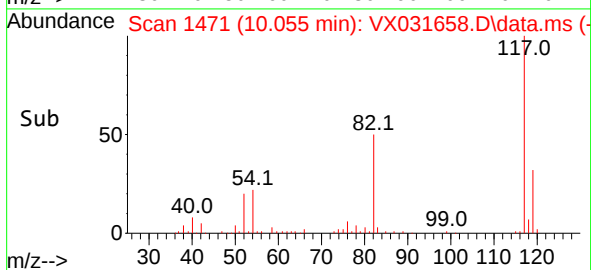
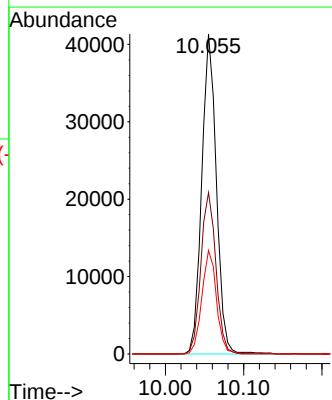
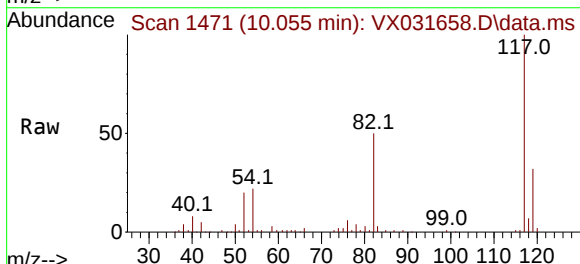
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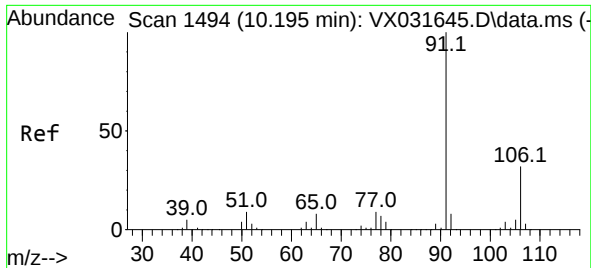
Tgt Ion: 95 Resp: 32134
Ion Ratio Lower Upper
95 100
174 88.4 0.0 153.2
176 83.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion: 117 Resp: 53568
Ion Ratio Lower Upper
117 100
82 50.4 46.8 70.2
119 32.3 26.4 39.6





#67

Ethyl Benzene

Concen: 19.846 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031658.D

Acq: 26 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

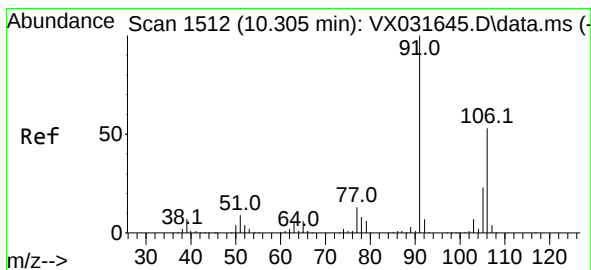
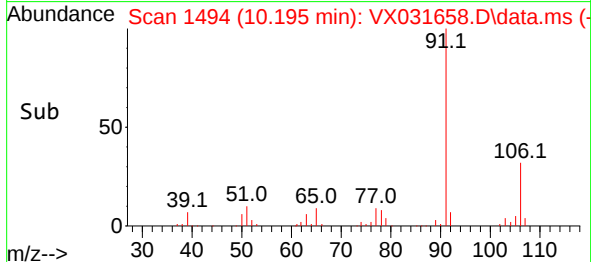
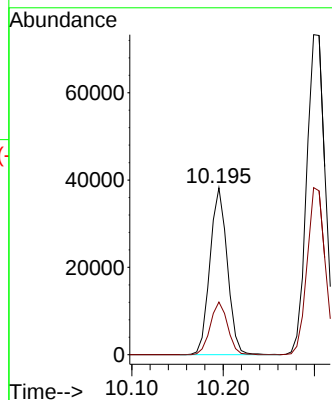
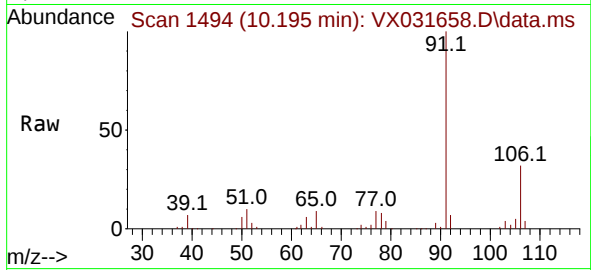
MW-42DL

Tgt Ion: 91 Resp: 50384

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 51.735 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX031658.D

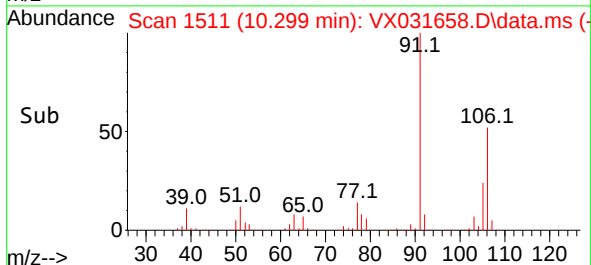
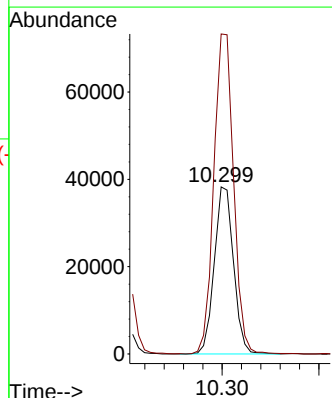
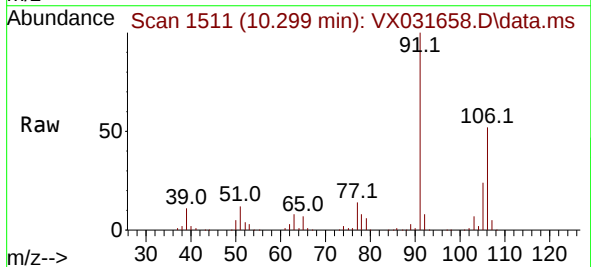
Acq: 26 Sep 2022 19:00

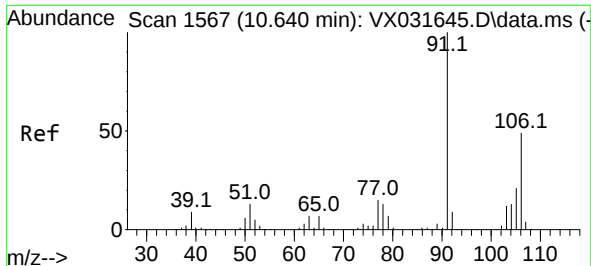
Tgt Ion: 106 Resp: 52772

Ion Ratio Lower Upper

106 100

91 196.9 161.0 241.4

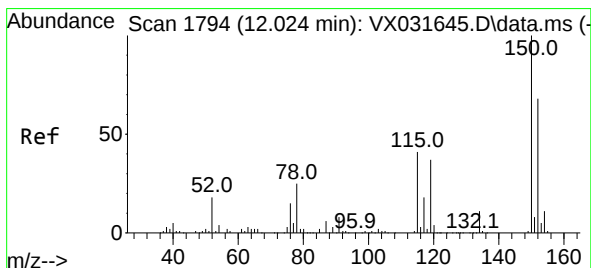
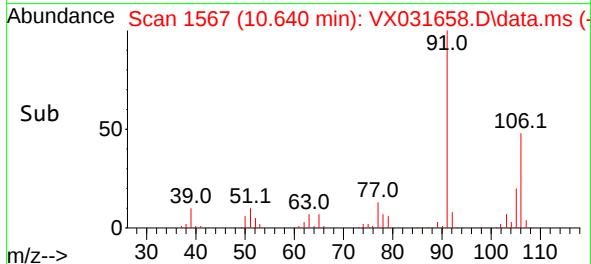
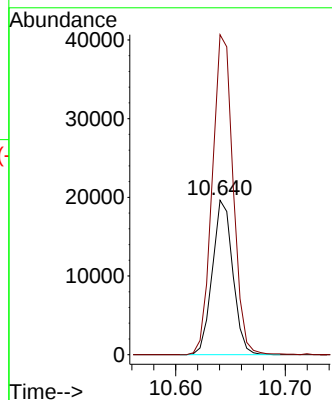
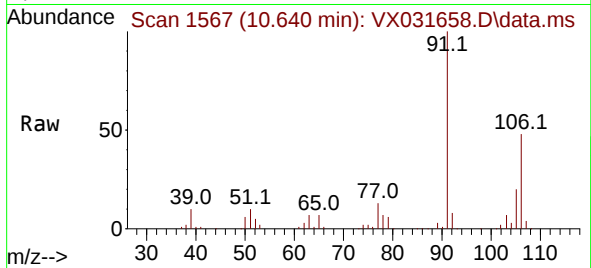




#69
o-Xylene
Concen: 25.505 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

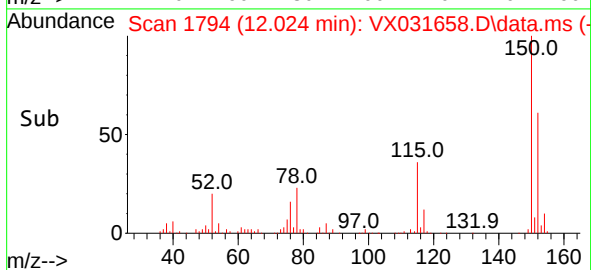
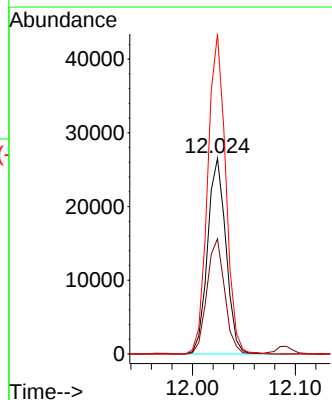
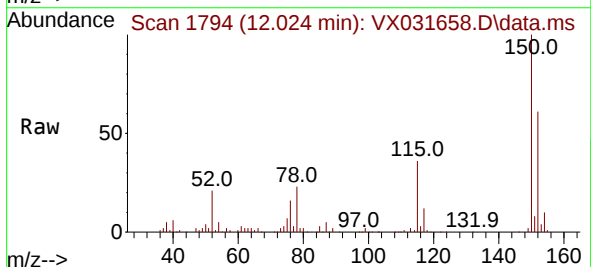
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

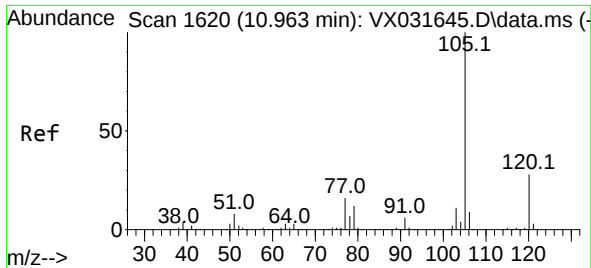
Tgt Ion:106 Resp: 25429
Ion Ratio Lower Upper
106 100
91 211.3 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion:152 Resp: 33039
Ion Ratio Lower Upper
152 100
115 57.1 43.4 130.1
150 160.5 0.0 346.8

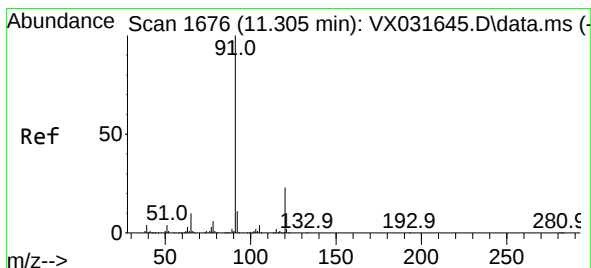
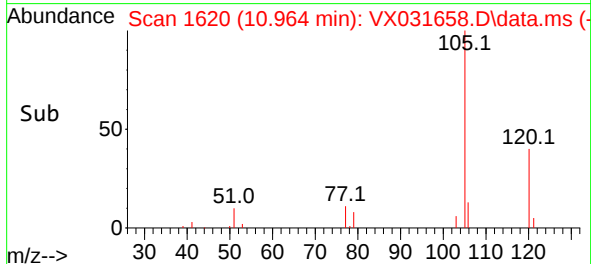
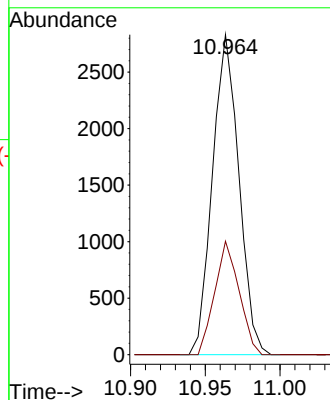
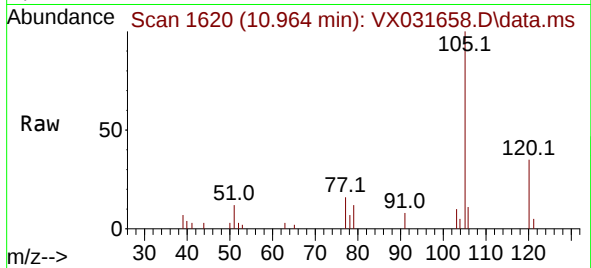




#73
Isopropylbenzene
Concen: 1.627 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

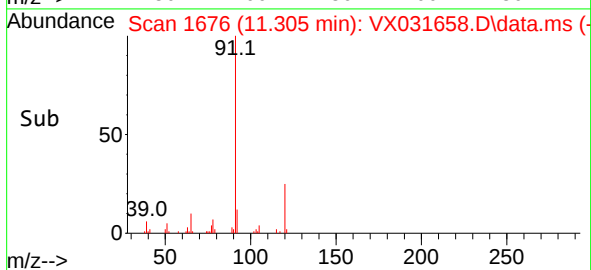
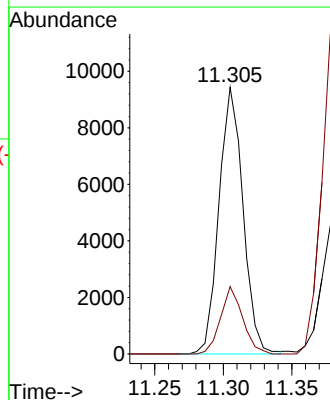
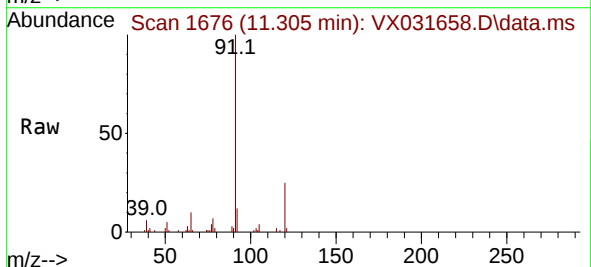
Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

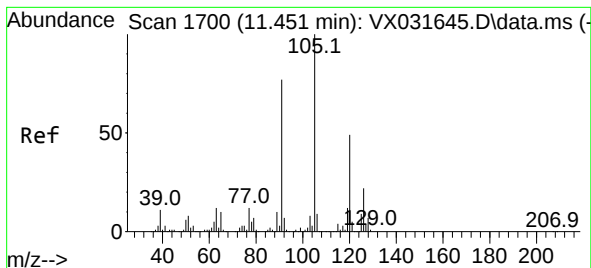
Tgt Ion:105 Resp: 3476
Ion Ratio Lower Upper
105 100
120 32.7 13.7 41.0



#78
n-propylbenzene
Concen: 4.837 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Tgt Ion: 91 Resp: 11501
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 12.347 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031658.D

Acq: 26 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

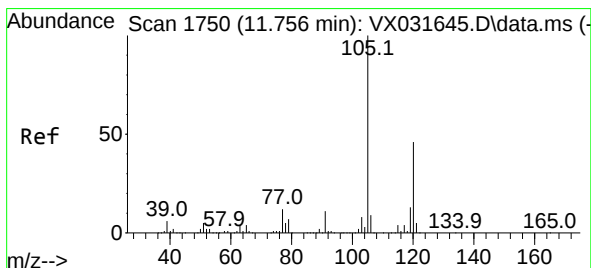
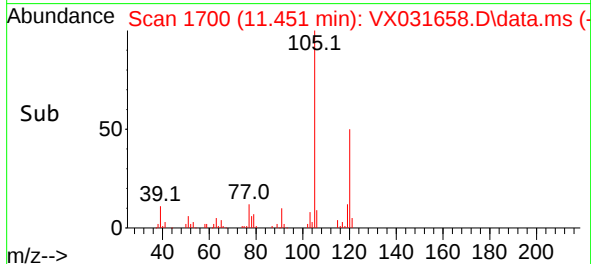
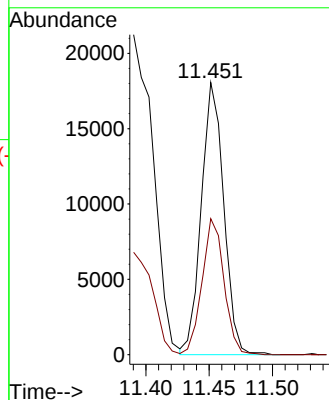
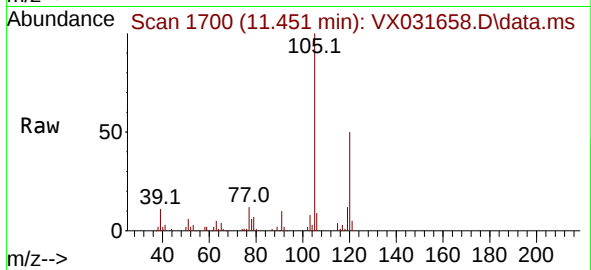
MW-42DL

Tgt Ion:105 Resp: 22363

Ion Ratio Lower Upper

105 100

120 48.9 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 46.142 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX031658.D

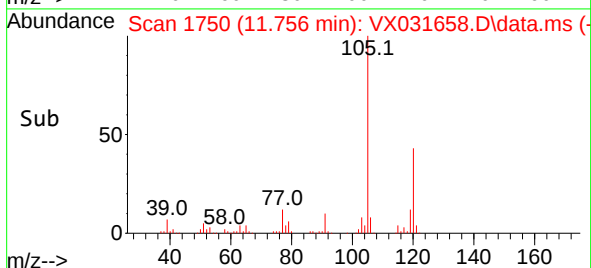
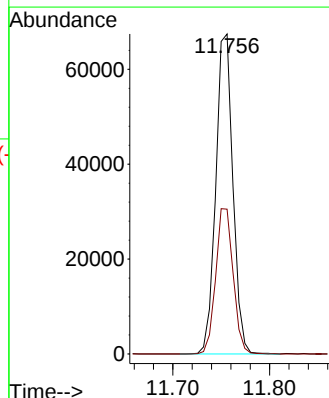
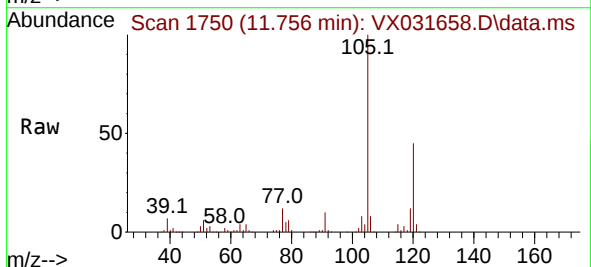
Acq: 26 Sep 2022 19:00

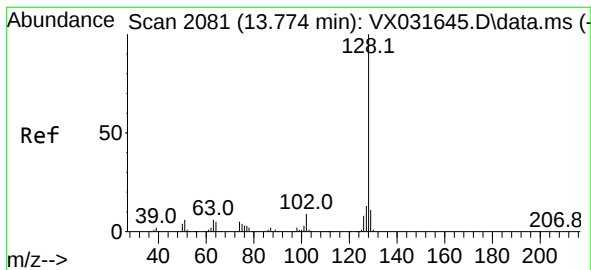
Tgt Ion:105 Resp: 82723

Ion Ratio Lower Upper

105 100

120 46.4 22.6 67.8





#95
Naphthalene
Concen: 19.101 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031658.D
Acq: 26 Sep 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
MW-42DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.8	8.8	13.2

