

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044058.D
 Acq On : 02 Dec 2024 12:12
 Operator : JC/MD
 Sample : P5021-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: Dec 03 00:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

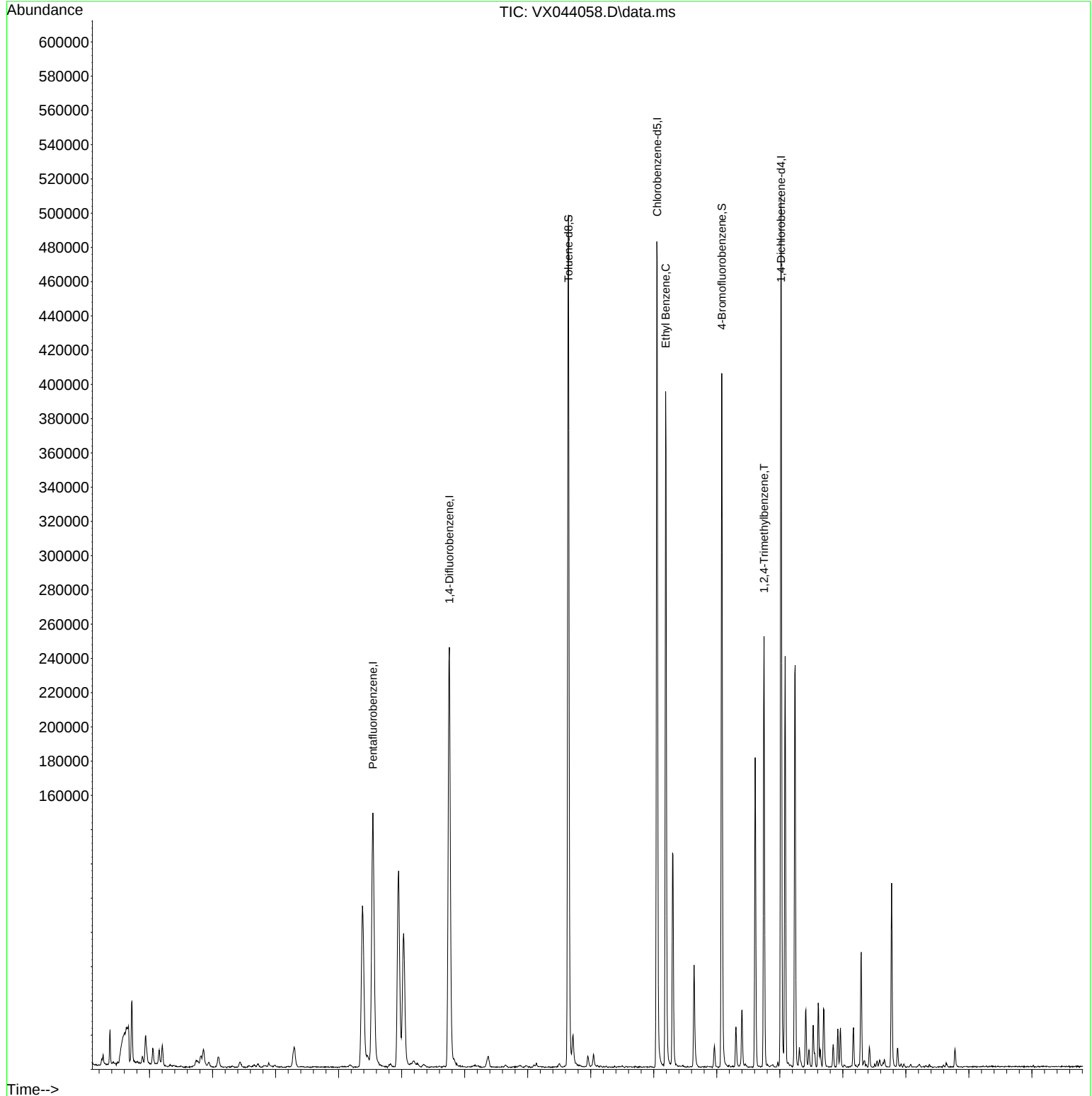
Internal Standards						
1) Pentafluorobenzene	5.544	168	125735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	244727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110514	51.245	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	5.379	113	80905	46.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.540%			
50) Toluene-d8	8.647	98	298010	49.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.079	95	104817	51.094	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.180%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1099	1.110	ug/l #	80
31) Cyclohexane	5.464	56	3691	1.536	ug/l	87
39) Methylcyclohexane	7.367	83	2531	0.894	ug/l #	80
40) Benzene	6.031	78	92068	13.564	ug/l	99
52) Toluene	8.720	92	6099	1.501	ug/l	91
67) Ethyl Benzene	10.189	91	233006	29.064	ug/l	98
68) m/p-Xylenes	10.305	106	28949	9.683	ug/l	96
69) o-Xylene	10.640	106	12436	4.260	ug/l	98
73) Isopropylbenzene	10.963	105	6999	0.930	ug/l	96
78) n-propylbenzene	11.305	91	15361	1.828	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	107822	17.492	ug/l	100
95) Naphthalene	13.774	128	62538	8.930	ug/l	100

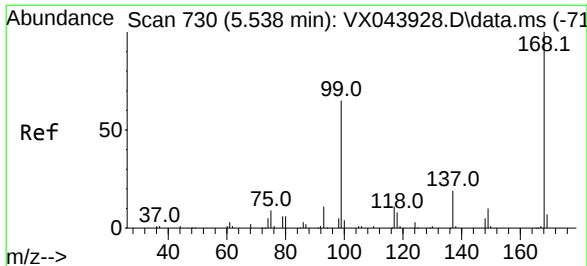
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
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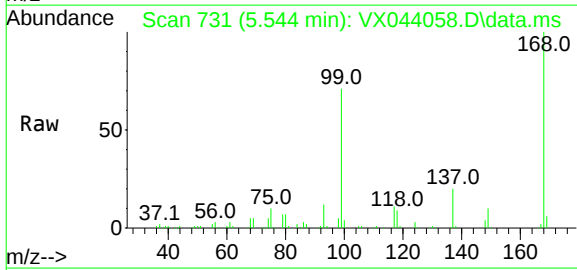
Quant Time: Dec 03 00:16:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



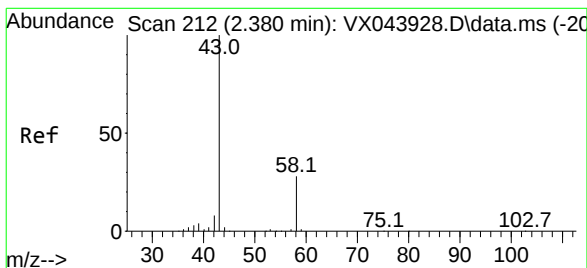
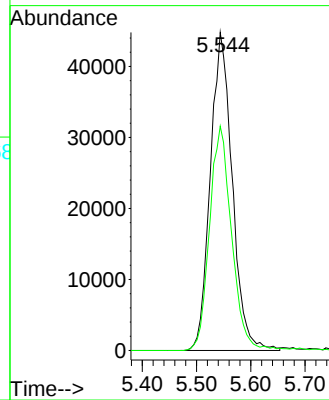
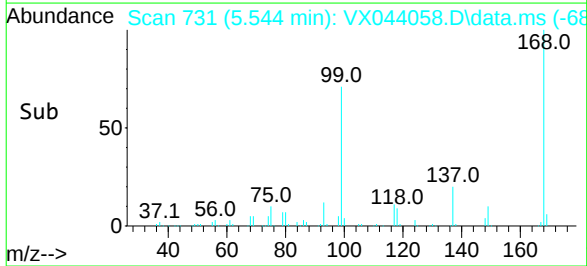


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

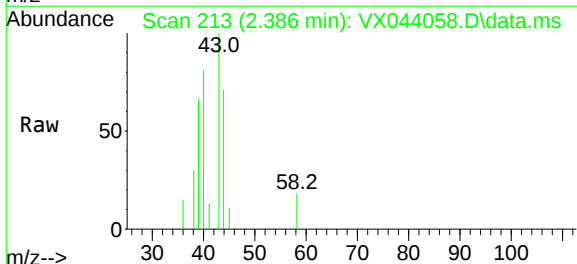
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL



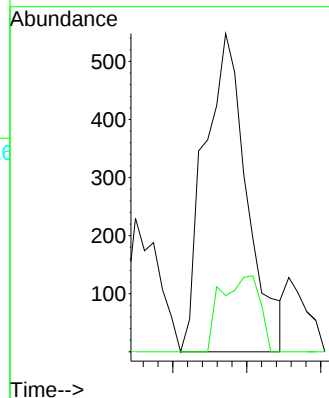
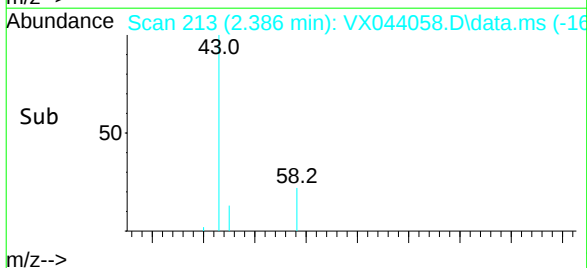
Tgt Ion: 168 Resp: 125735
Ion Ratio Lower Upper
168 100
99 70.5 51.8 77.8

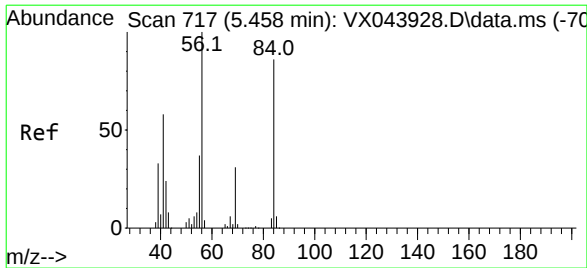


#16
Acetone
Concen: 1.110 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12



Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 17.7 22.7 34.1#





#31

Cyclohexane

Concen: 1.536 ug/l

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL

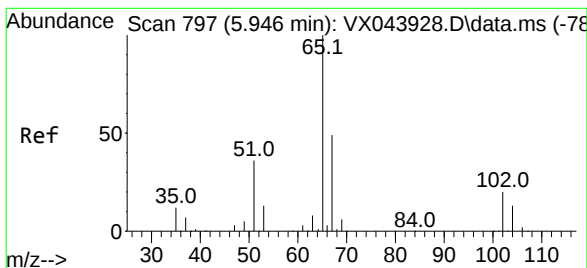
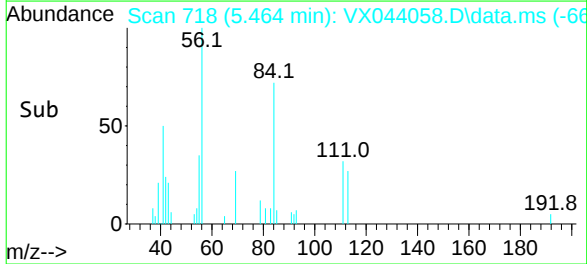
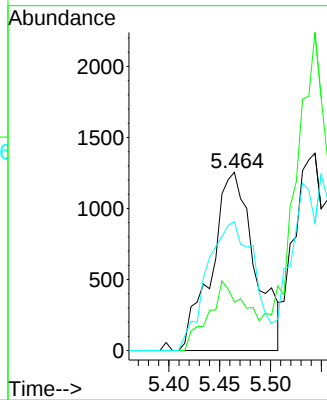
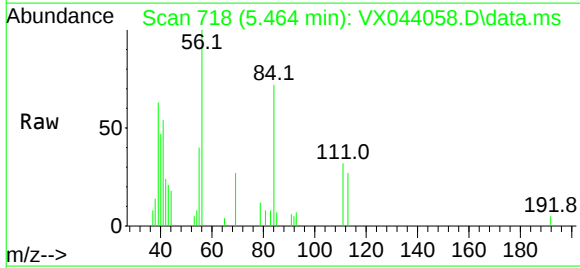
Tgt Ion: 56 Resp: 3691

Ion Ratio Lower Upper

56 100

69 27.2 24.7 37.1

84 72.3 68.7 103.1



#33

1,2-Dichloroethane-d4

Concen: 51.245 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044058.D

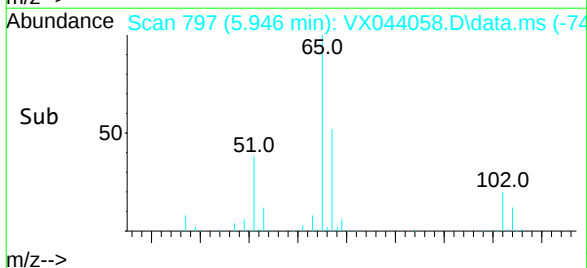
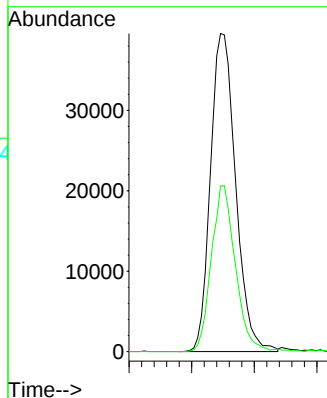
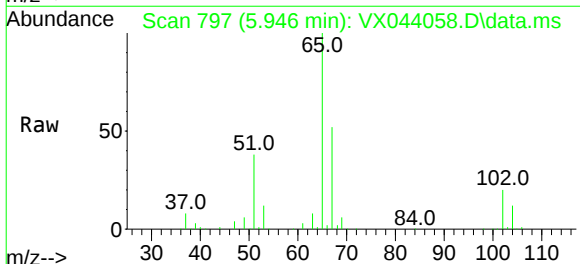
Acq: 02 Dec 2024 12:12

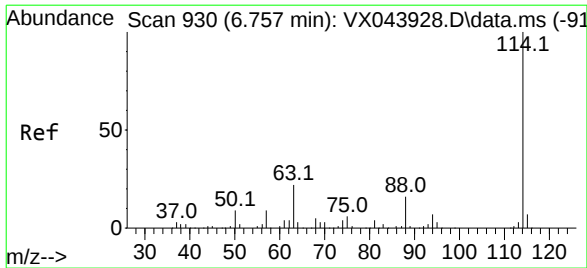
Tgt Ion: 65 Resp: 110514

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.8

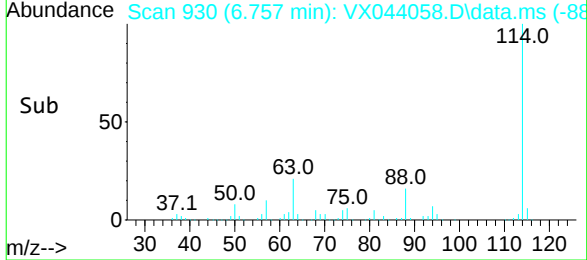
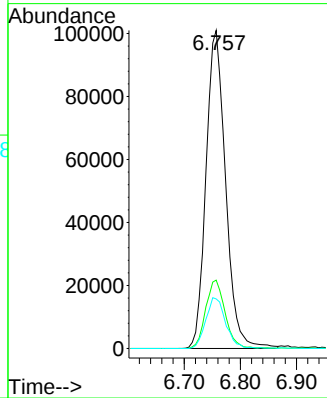
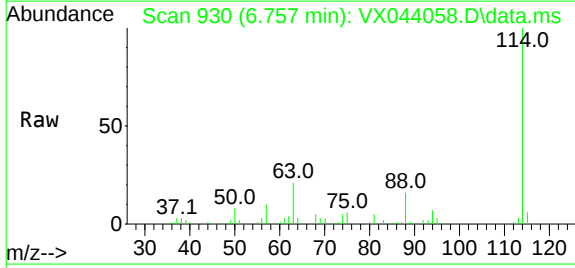




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

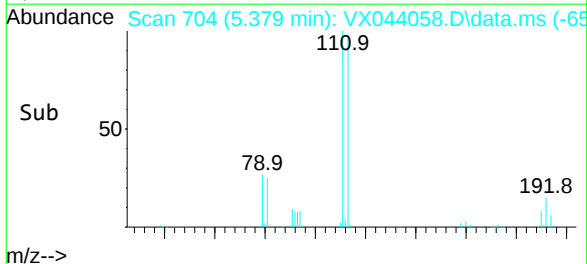
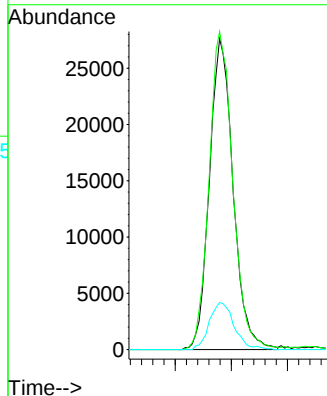
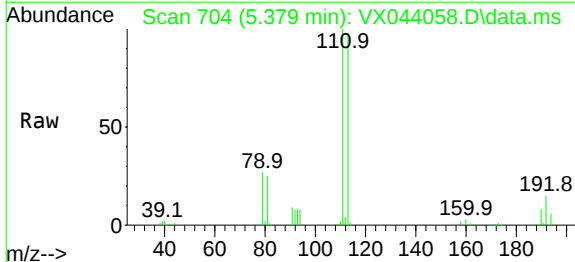
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

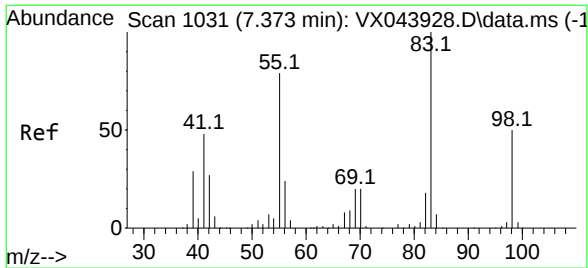
Tgt Ion:	114	Resp:	244727
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	15.6	0.0	32.4



#35
Dibromofluoromethane
Concen: 46.266 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

Tgt Ion:	113	Resp:	80905
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	15.9	13.0	19.6

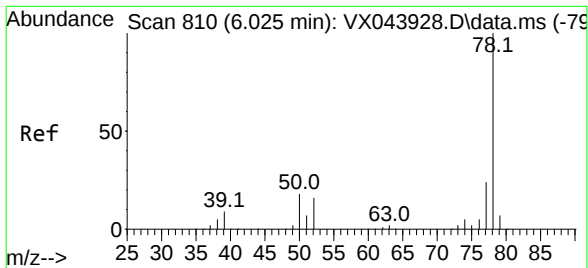
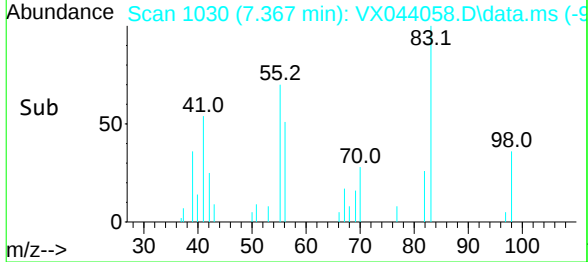
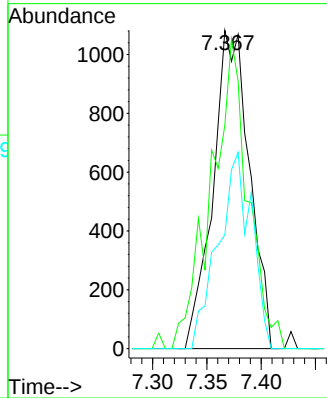
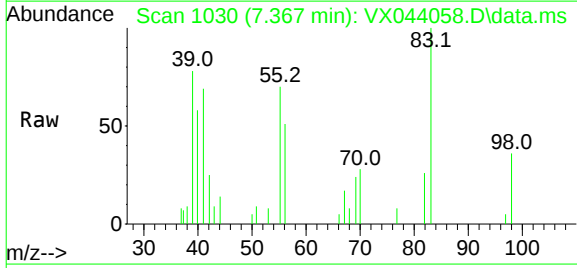




#39
Methylcyclohexane
Concen: 0.894 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

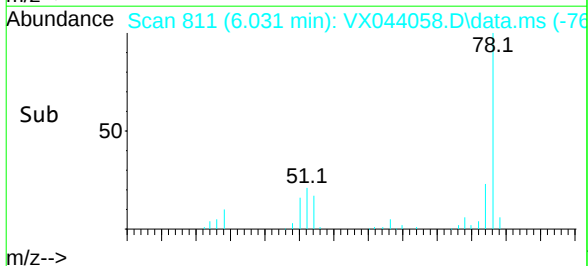
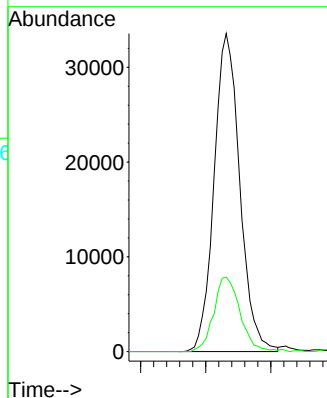
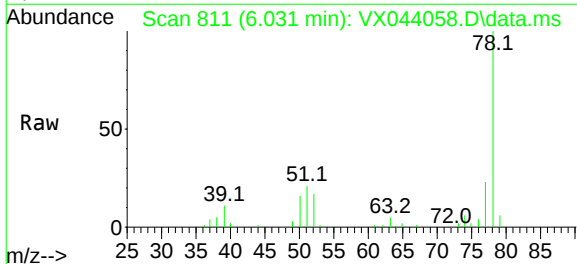
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

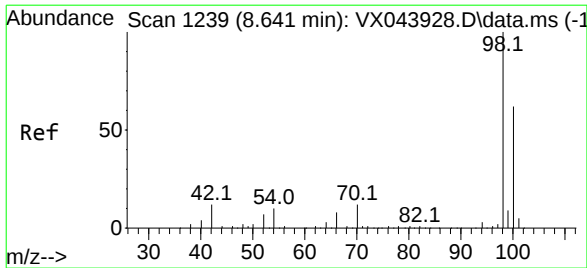
Tgt Ion:	83	Resp:	2531
Ion	Ratio	Lower	Upper
83	100		
55	62.3	63.1	94.7#
98	35.8	40.0	60.0#



#40
Benzene
Concen: 13.564 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

Tgt Ion:	78	Resp:	92068
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#50

Toluene-d8

Concen: 49.438 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :

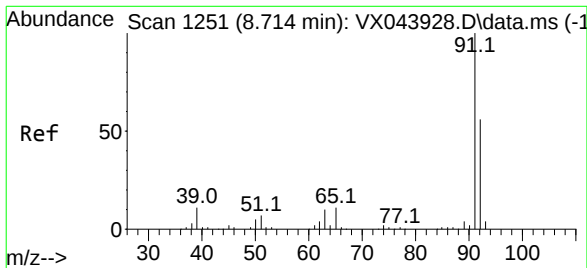
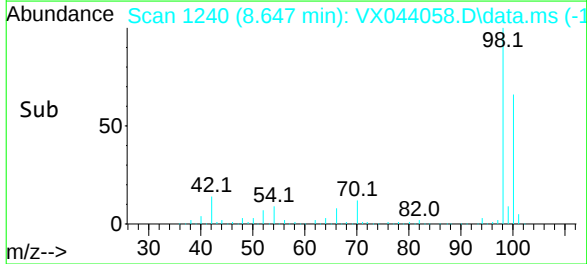
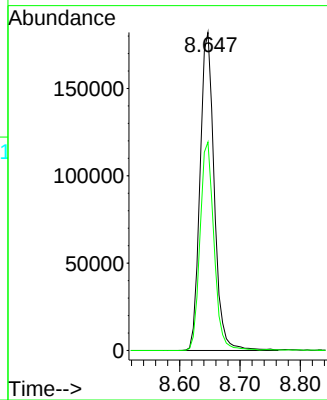
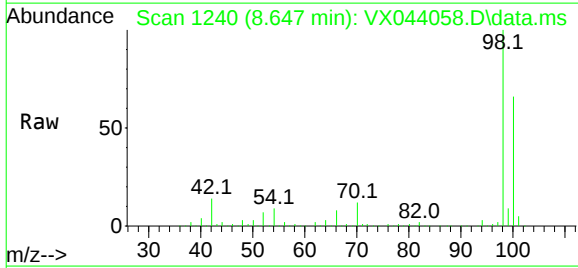
MW-12DL

Tgt Ion: 98 Resp: 298010

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#52

Toluene

Concen: 1.501 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044058.D

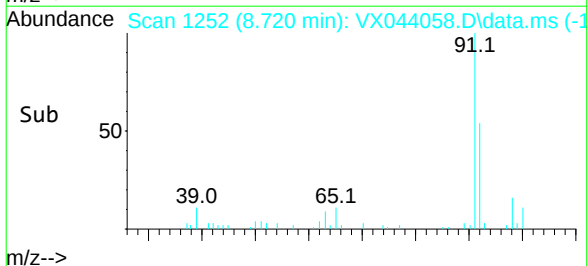
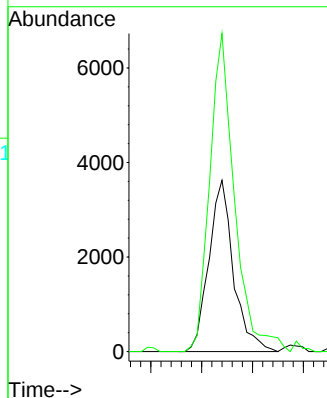
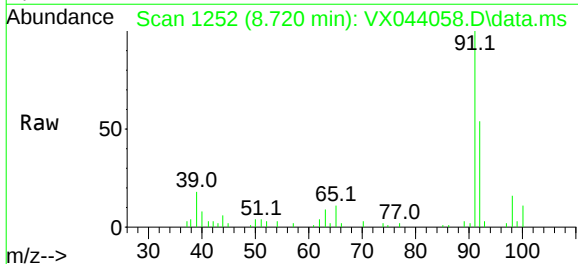
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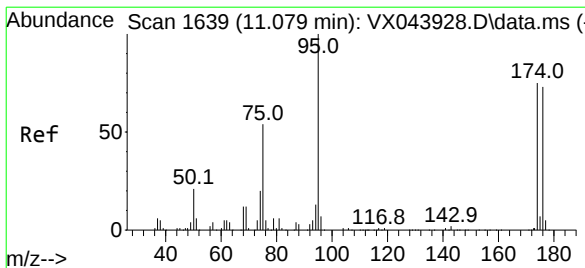
Tgt Ion: 92 Resp: 6099

Ion Ratio Lower Upper

92 100

91 187.7 139.7 209.5

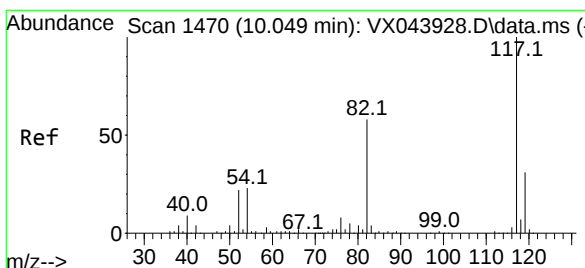
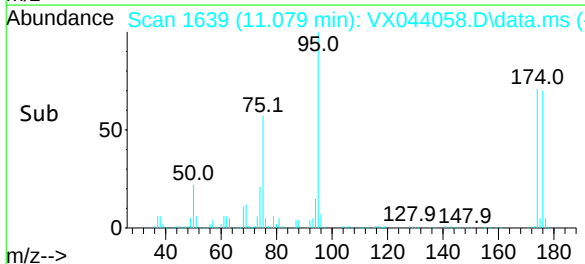
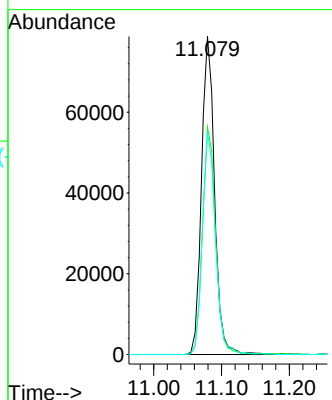
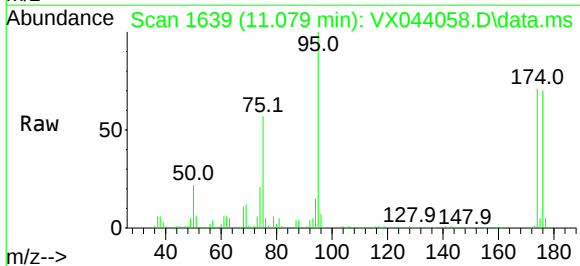




#62
4-Bromofluorobenzene
Concen: 51.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

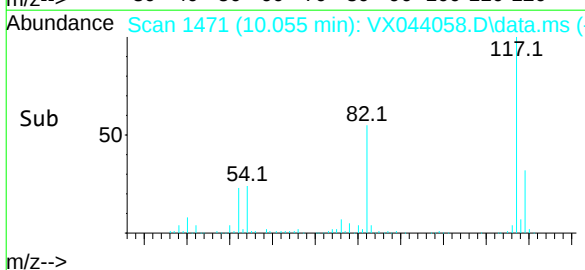
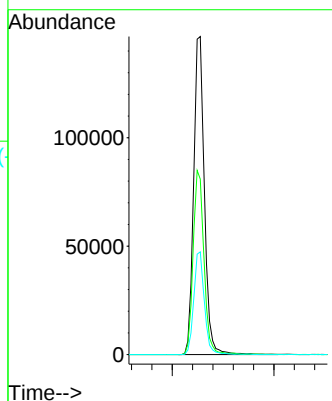
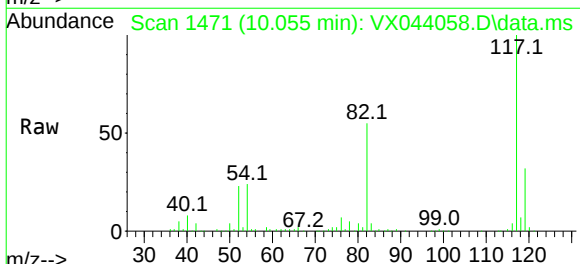
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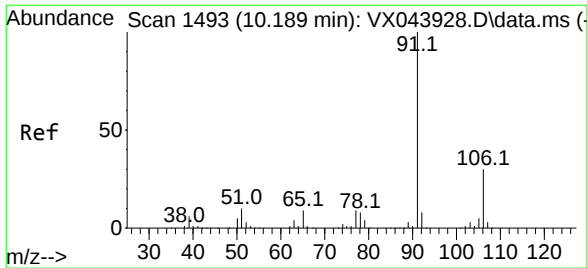
Tgt Ion: 95 Resp: 104817
Ion Ratio Lower Upper
95 100
174 71.6 0.0 150.4
176 70.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044058.D
Acq: 02 Dec 2024 12:12

Tgt Ion: 117 Resp: 215420
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 32.3 24.6 37.0





#67

Ethyl Benzene

Concen: 29.064 ug/l

RT: 10.189 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :

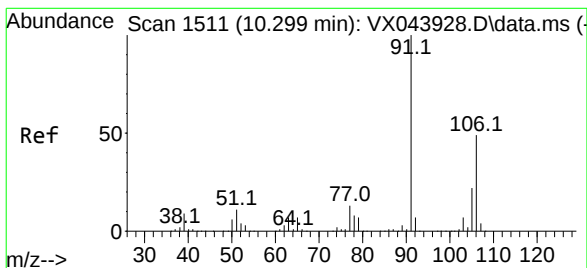
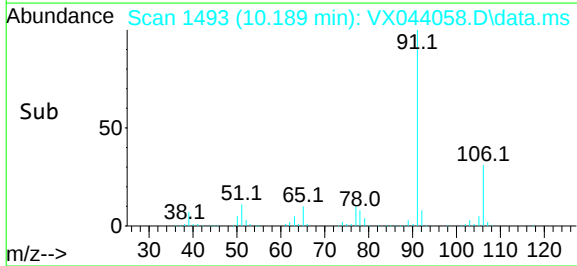
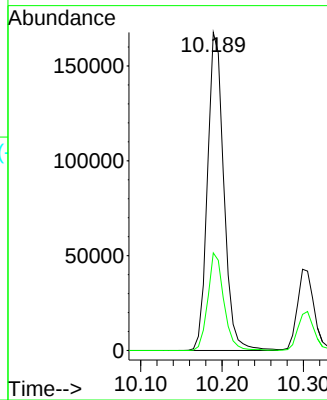
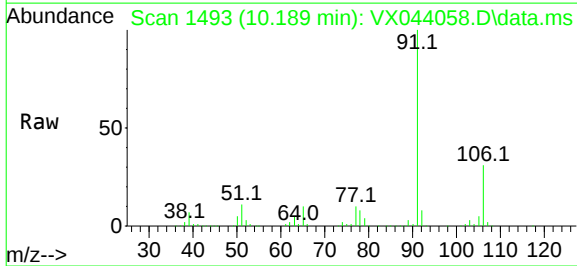
MW-12DL

Tgt Ion: 91 Resp: 233006

Ion Ratio Lower Upper

91 100

106 30.7 23.6 35.4



#68

m/p-Xylenes

Concen: 9.683 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044058.D

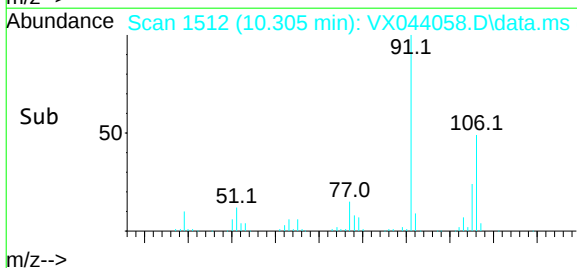
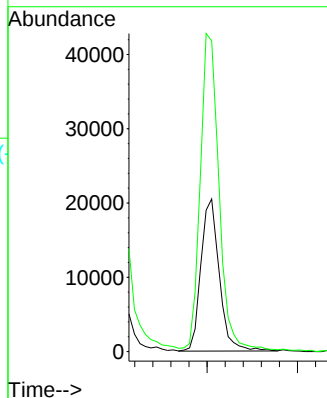
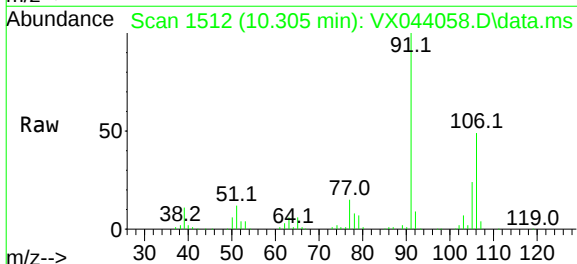
Acq: 02 Dec 2024 12:12

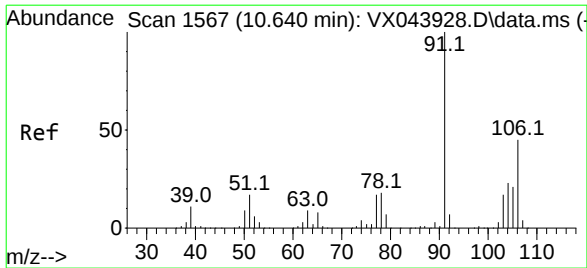
Tgt Ion:106 Resp: 28949

Ion Ratio Lower Upper

106 100

91 216.7 168.1 252.1





#69

o-Xylene

Concen: 4.260 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :

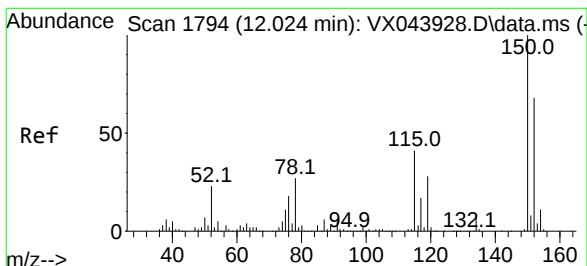
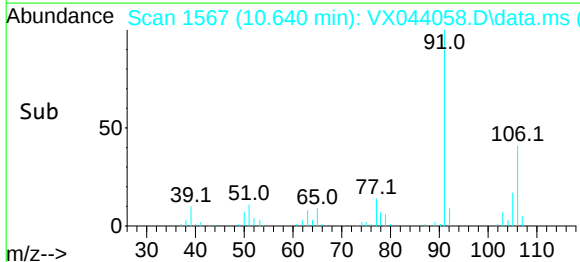
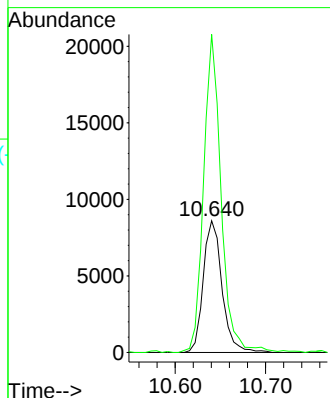
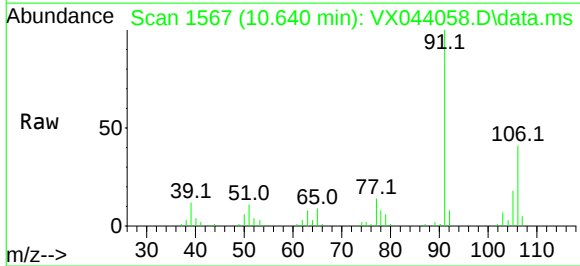
MW-12DL

Tgt Ion:106 Resp: 12436

Ion Ratio Lower Upper

106 100

91 224.2 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

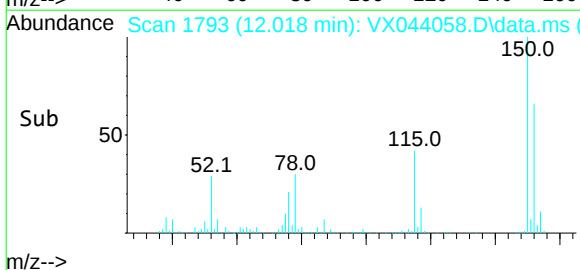
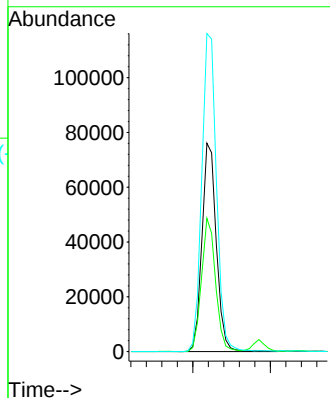
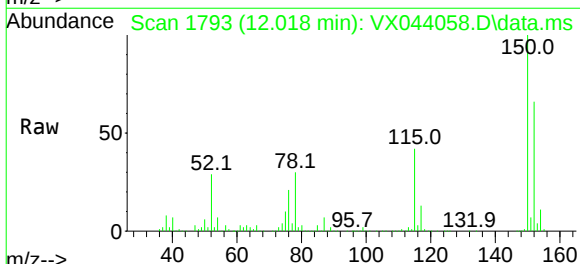
Tgt Ion:152 Resp: 97904

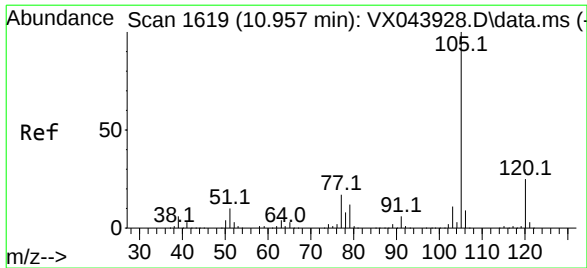
Ion Ratio Lower Upper

152 100

115 62.6 45.4 136.2

150 156.4 0.0 353.0





#73

Isopropylbenzene

Concen: 0.930 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :

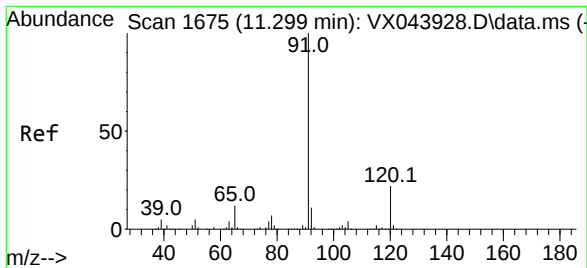
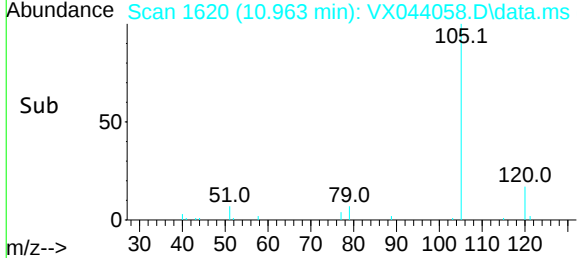
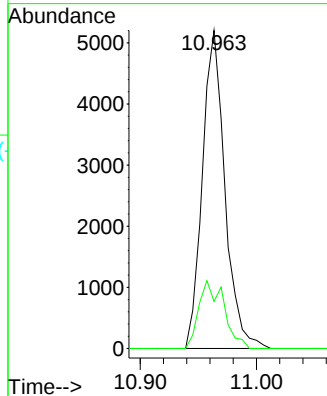
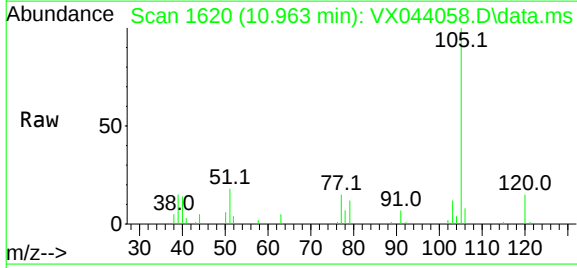
MW-12DL

Tgt Ion: 105 Resp: 6999

Ion Ratio Lower Upper

105 100

120 23.9 13.0 38.9



#78

n-propylbenzene

Concen: 1.828 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044058.D

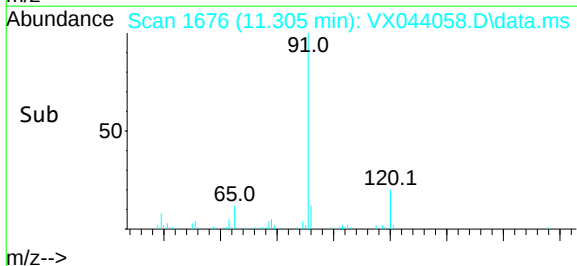
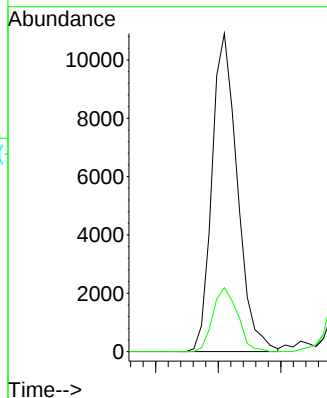
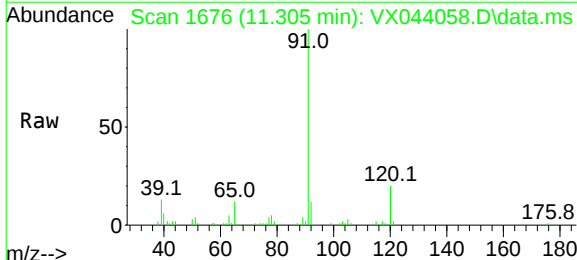
Acq: 02 Dec 2024 12:12

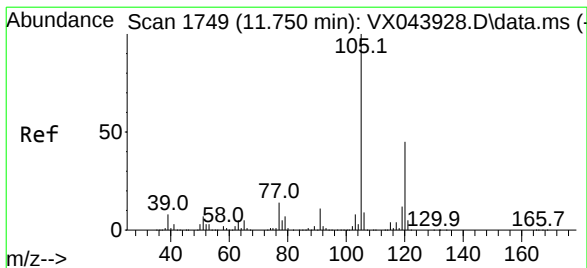
Tgt Ion: 91 Resp: 15361

Ion Ratio Lower Upper

91 100

120 19.6 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 17.492 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Instrument :

MSVOA_X

ClientSampleId :

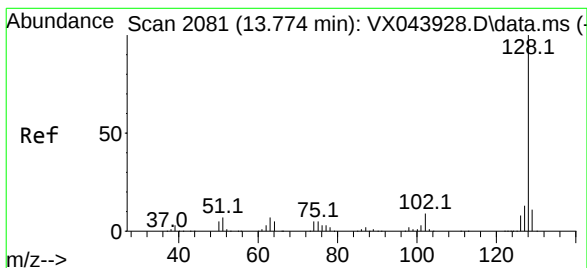
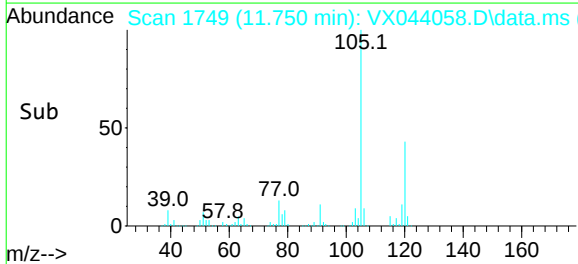
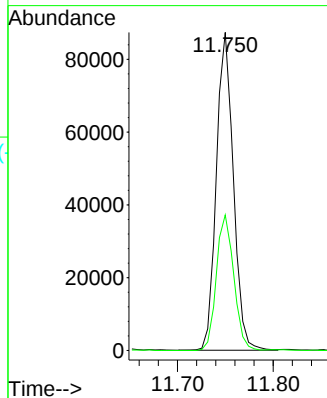
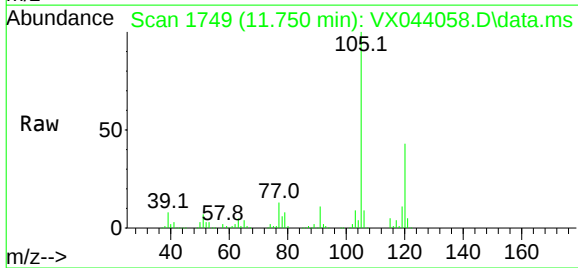
MW-12DL

Tgt Ion:105 Resp: 107822

Ion Ratio Lower Upper

105 100

120 43.7 21.9 65.7



#95

Naphthalene

Concen: 8.930 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044058.D

Acq: 02 Dec 2024 12:12

Tgt Ion:128 Resp: 62538

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 10.8 8.6 12.8

