

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029617.D
 Acq On : 20 Jun 2022 12:57
 Operator : JC/MD
 Sample : N3325-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16DL

Quant Time: Jun 21 01:49:39 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)

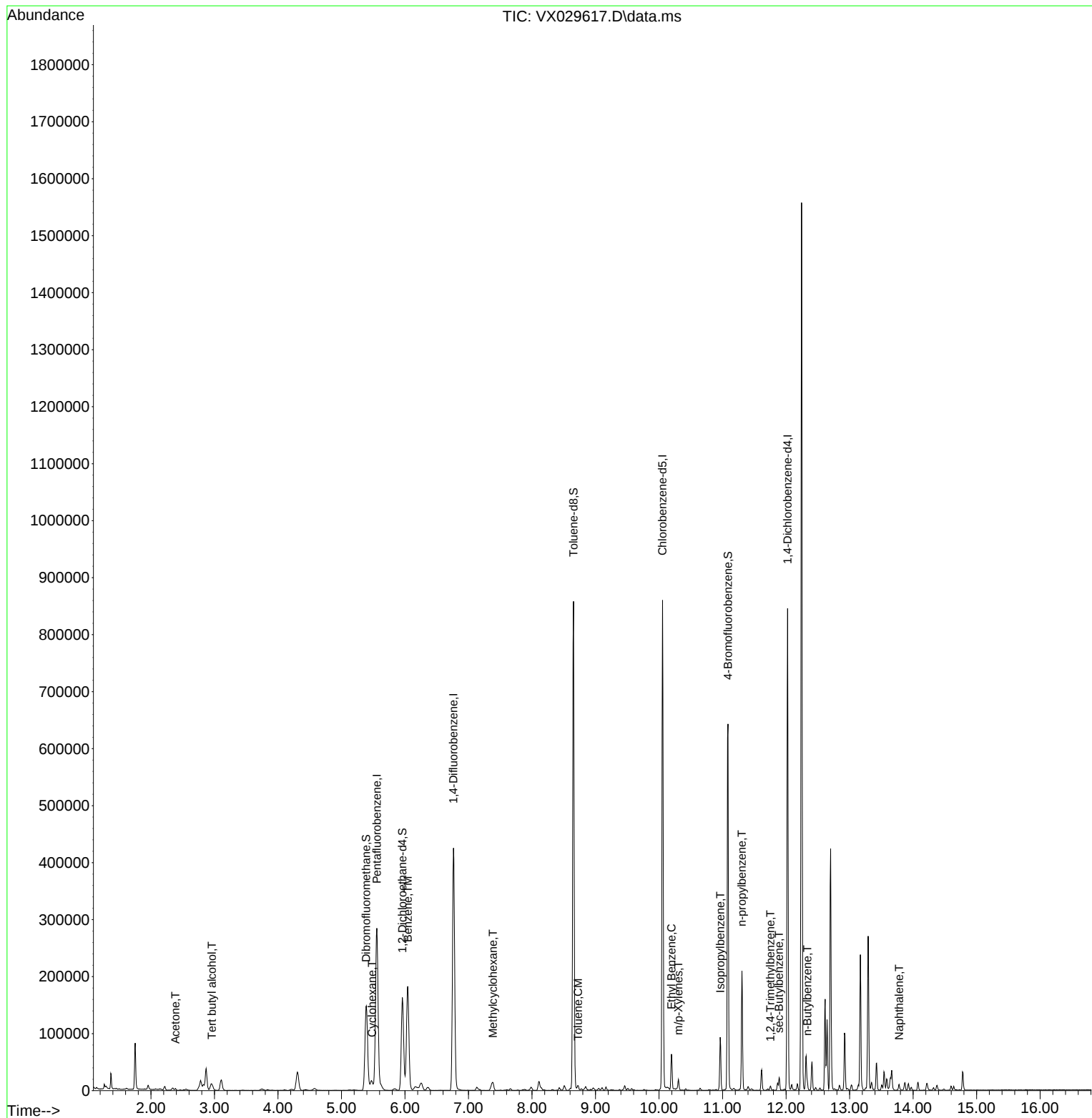
Internal Standards						
1) Pentafluorobenzene	5.556	168	269139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154061	43.243	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.480%		
35) Dibromofluoromethane	5.385	113	136324	45.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.740%		
50) Toluene-d8	8.653	98	516431	47.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.085	95	189339	46.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.480%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.958	59	13039	7.831	ug/l #	90
16) Acetone	2.385	43	2901	2.043	ug/l #	85
31) Cyclohexane	5.482	56	11926	2.493	ug/l	89
39) Methylcyclohexane	7.384	83	6245	1.245	ug/l	95
40) Benzene	6.043	78	232673	19.512	ug/l	98
52) Toluene	8.726	92	3450	0.452	ug/l	91
67) Ethyl Benzene	10.195	91	38705	2.765	ug/l	98
68) m/p-Xylenes	10.305	106	4493	0.823	ug/l	94
73) Isopropylbenzene	10.963	105	49891	3.775	ug/l	99
78) n-propylbenzene	11.304	91	128720	8.647	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	3517	0.317	ug/l	98
85) sec-Butylbenzene	11.890	105	11704	0.870	ug/l	94
89) n-Butylbenzene	12.335	91	10722	1.128	ug/l #	44
95) Naphthalene	13.780	128	6819	0.551	ug/l #	92

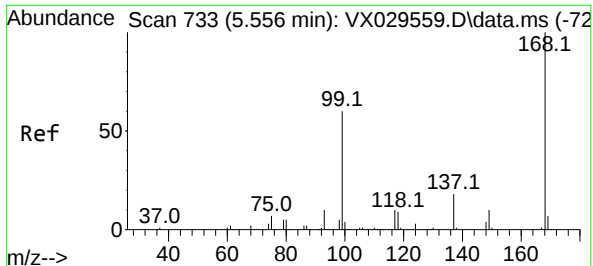
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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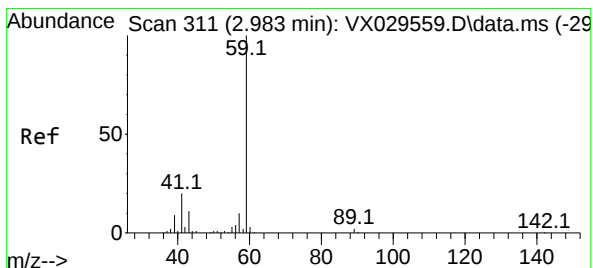
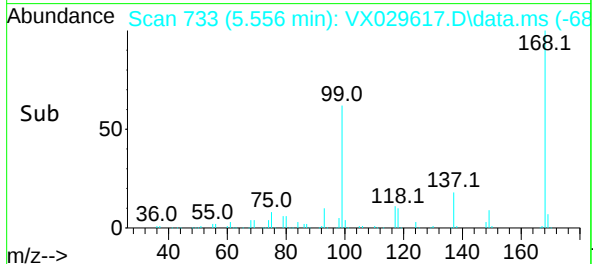
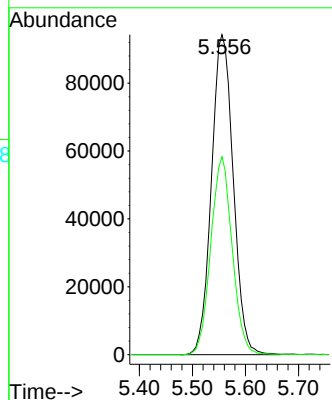
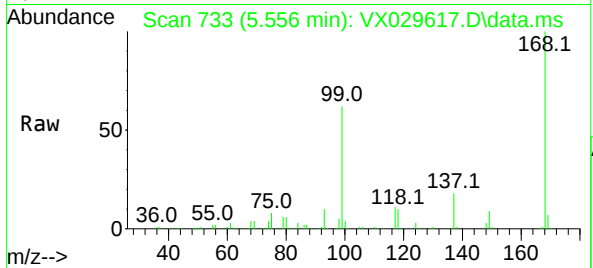




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

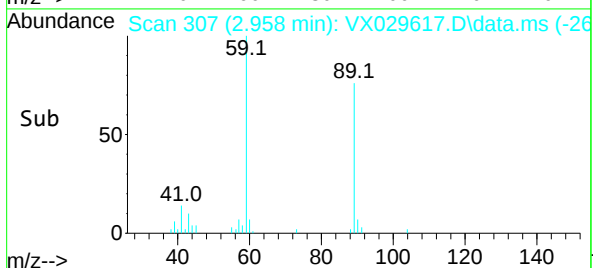
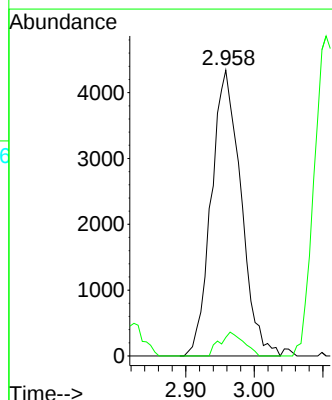
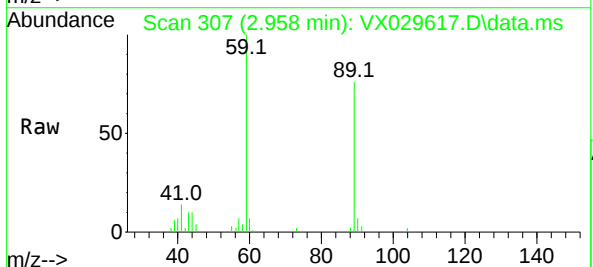
Instrument :
MSVOA_X
ClientSampleId :
MW-16DL

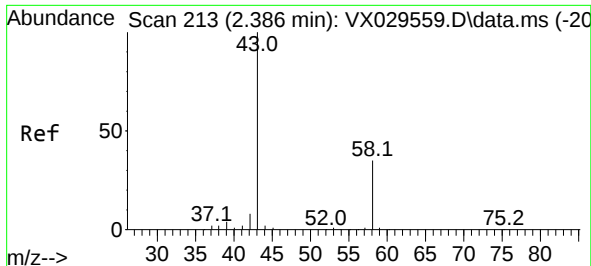
Tgt Ion:168 Resp: 269139
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#11
Tert butyl alcohol
Concen: 7.831 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

Tgt Ion: 59 Resp: 13039
Ion Ratio Lower Upper
59 100
57 6.7 8.3 12.5#

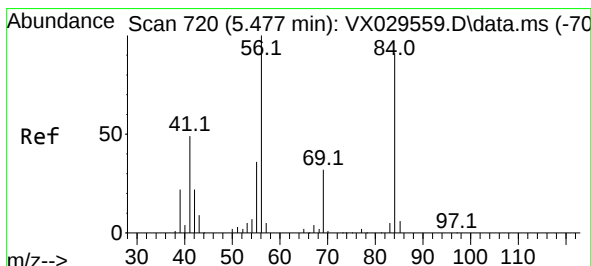
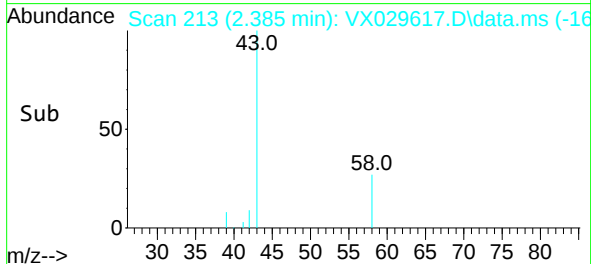
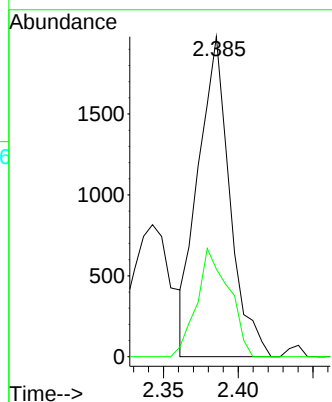
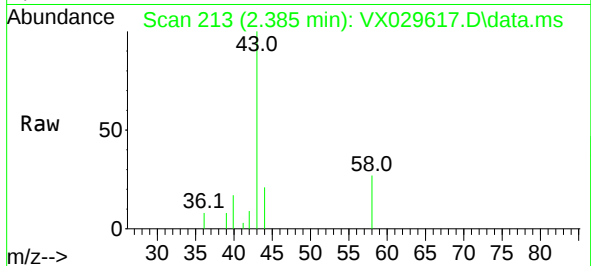




#16
Acetone
Concen: 2.043 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

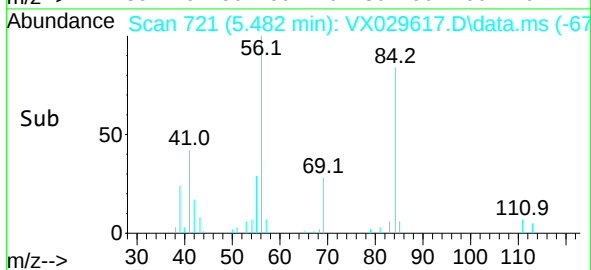
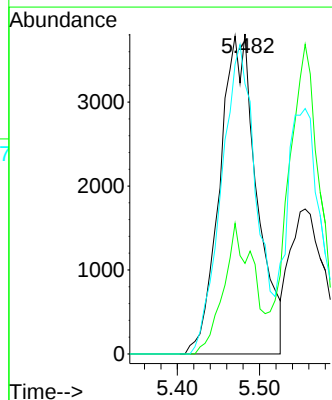
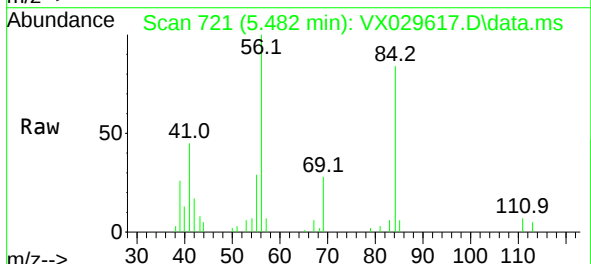
Instrument :
MSVOA_X
ClientSampleId :
MW-16DL

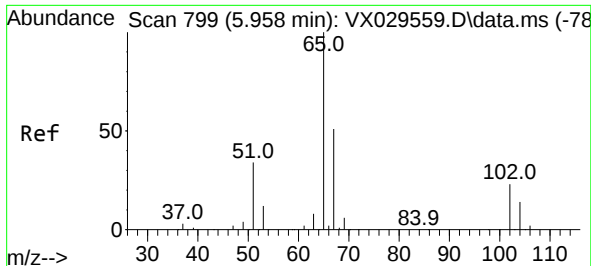
Tgt Ion: 43 Resp: 2901
Ion Ratio Lower Upper
43 100
58 27.4 28.8 43.2#



#31
Cyclohexane
Concen: 2.493 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.005 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

Tgt Ion: 56 Resp: 11926
Ion Ratio Lower Upper
56 100
69 28.3 26.7 40.1
84 84.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 43.243 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

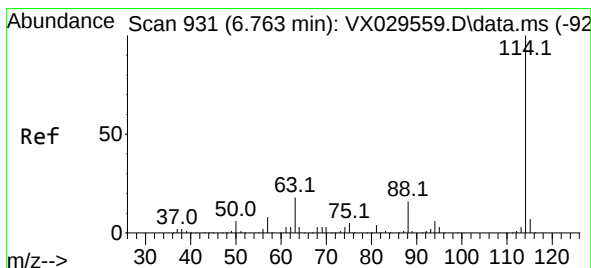
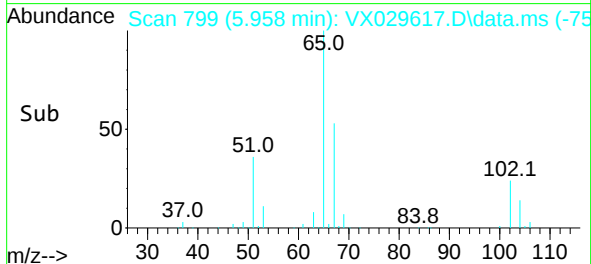
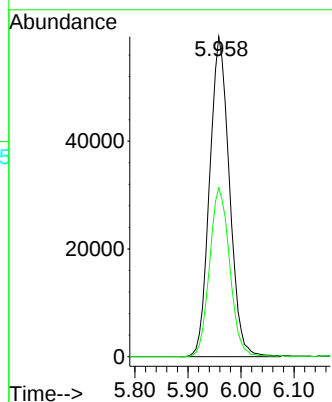
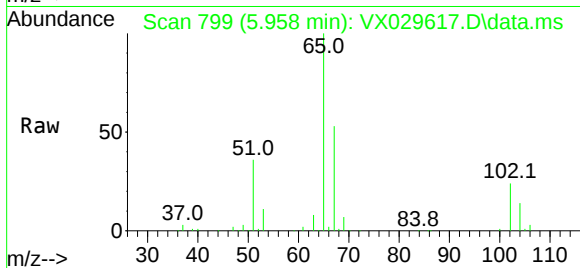
MW-16DL

Tgt Ion: 65 Resp: 154061

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

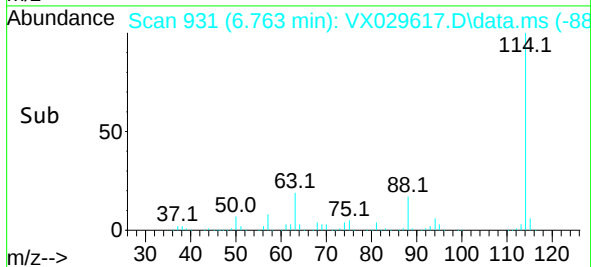
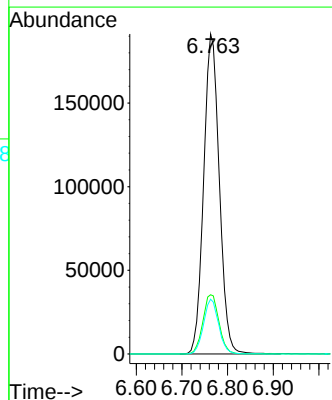
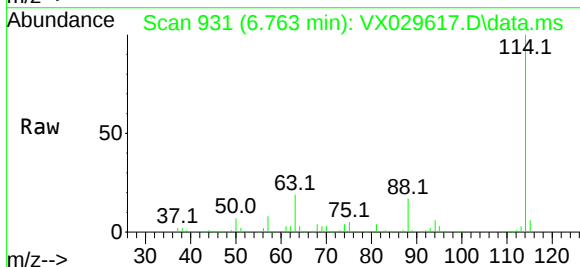
Tgt Ion: 114 Resp: 456089

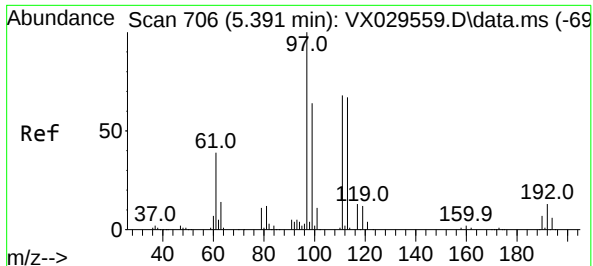
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.865 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

MW-16DL

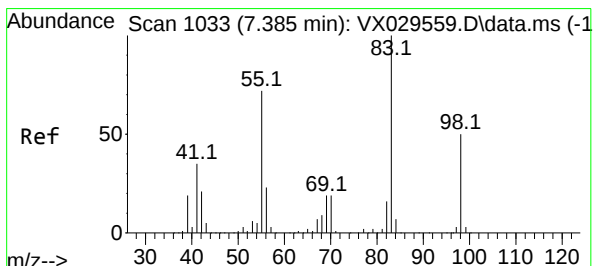
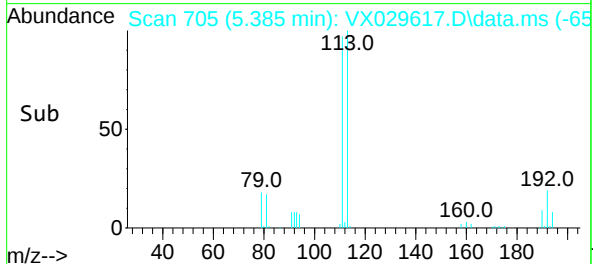
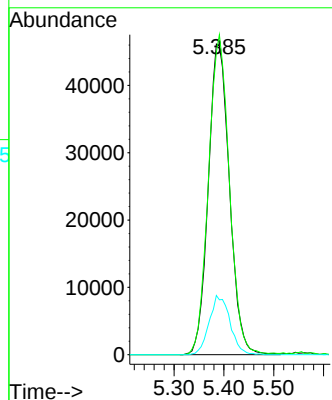
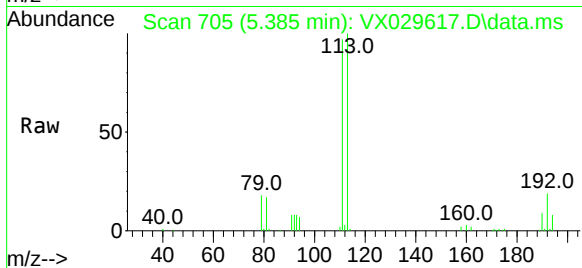
Tgt Ion:113 Resp: 136324

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 18.7 16.9 25.3



#39

Methylcyclohexane

Concen: 1.245 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.001 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

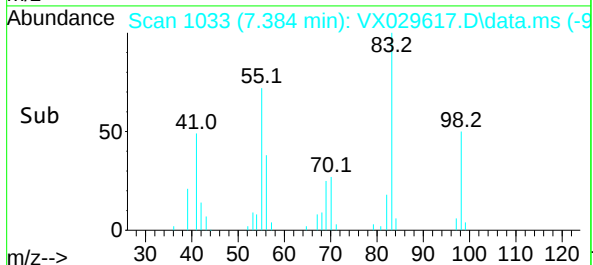
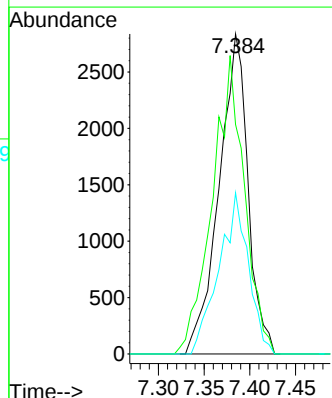
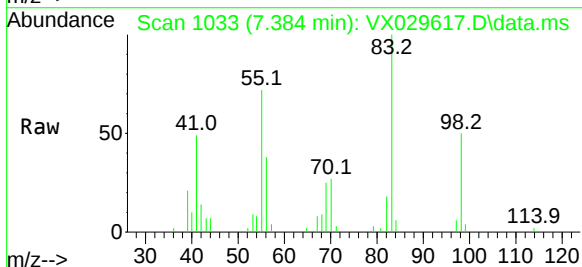
Tgt Ion: 83 Resp: 6245

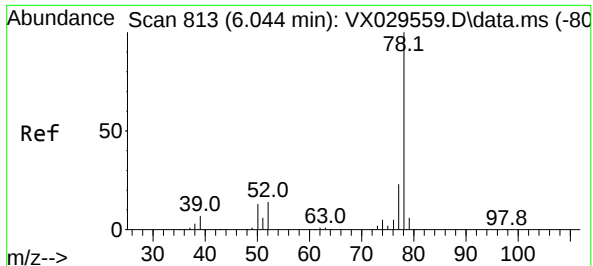
Ion Ratio Lower Upper

83 100

55 71.7 54.6 81.8

98 50.4 37.4 56.2

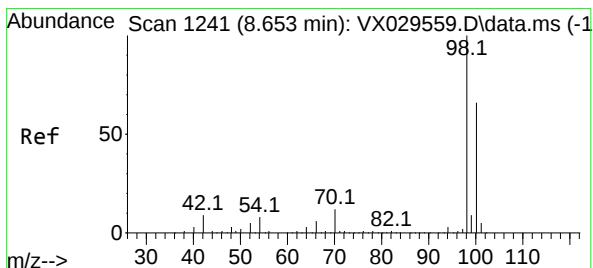
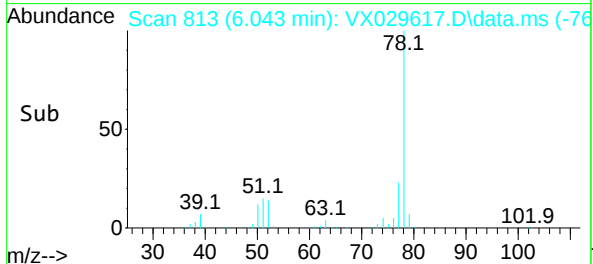
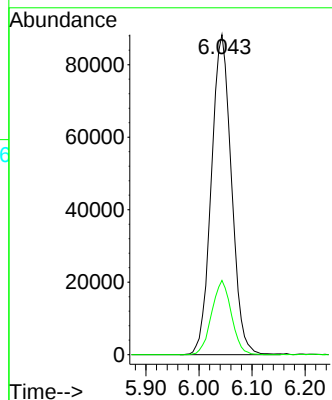
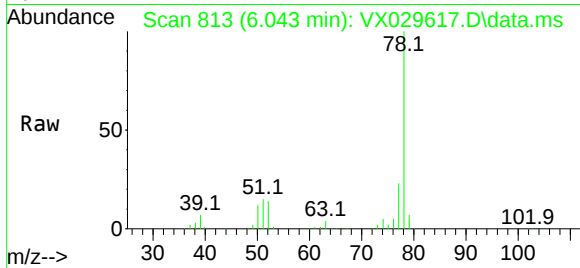




#40
Benzene
Concen: 19.512 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

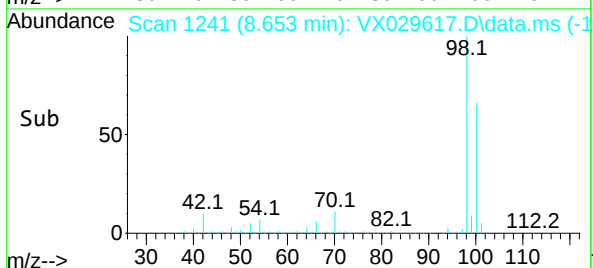
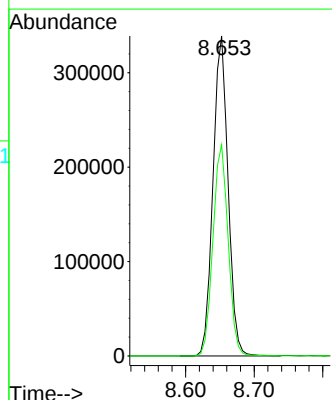
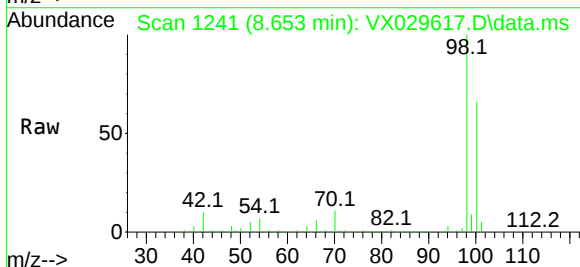
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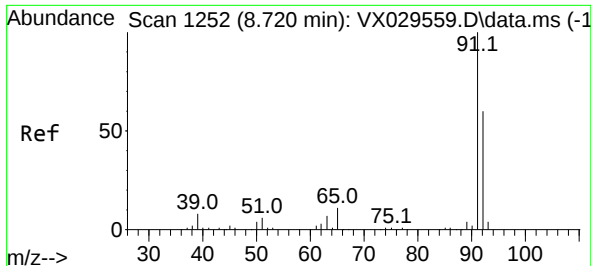
Tgt Ion: 78 Resp: 232673
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



#50
Toluene-d8
Concen: 47.561 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

Tgt Ion: 98 Resp: 516431
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

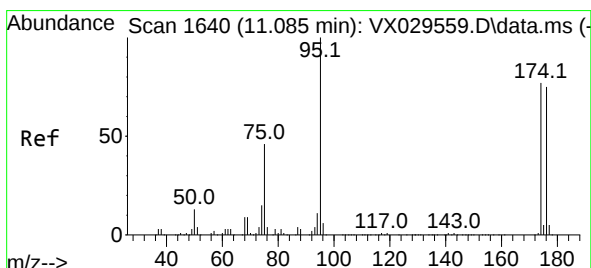
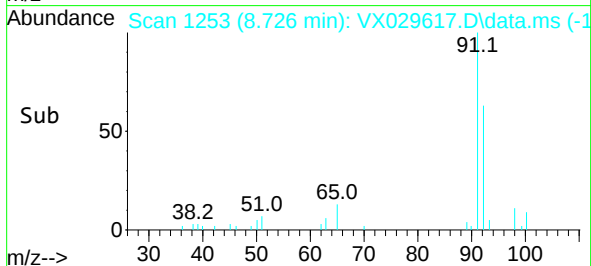
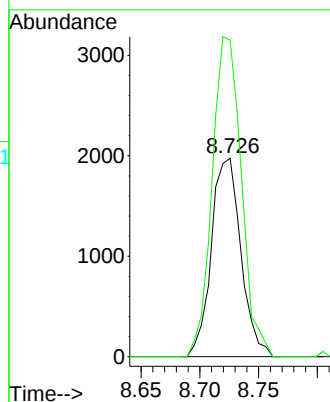
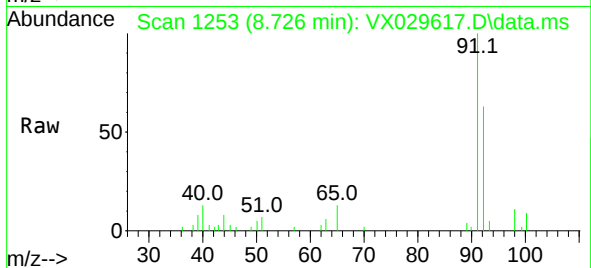




#52
Toluene
Concen: 0.452 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

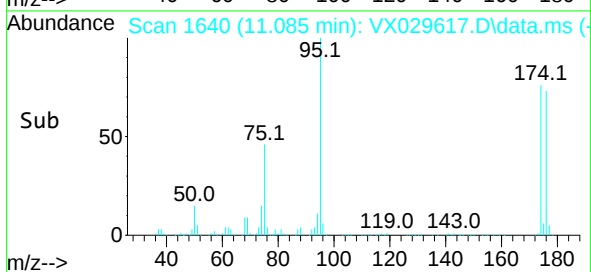
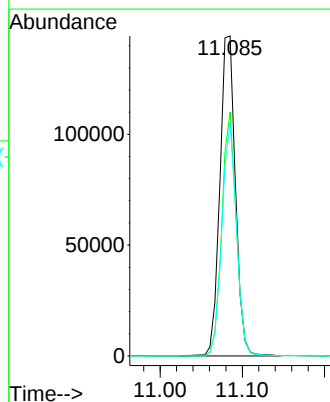
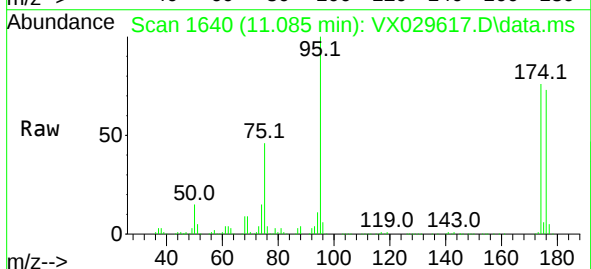
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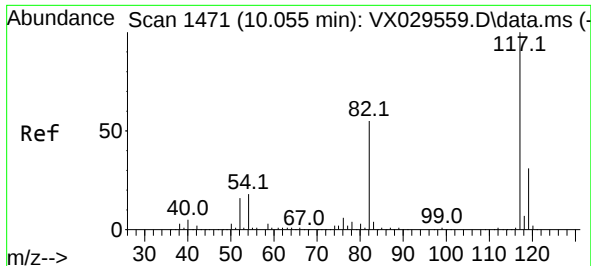
Tgt Ion: 92 Resp: 3450
Ion Ratio Lower Upper
92 100
91 159.7 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 46.239 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

Tgt Ion: 95 Resp: 189339
Ion Ratio Lower Upper
95 100
174 70.9 0.0 163.0
176 68.5 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: VX029617.D

Acq: 20 Jun 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

MW-16DL

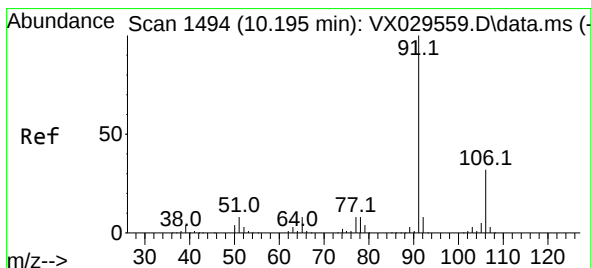
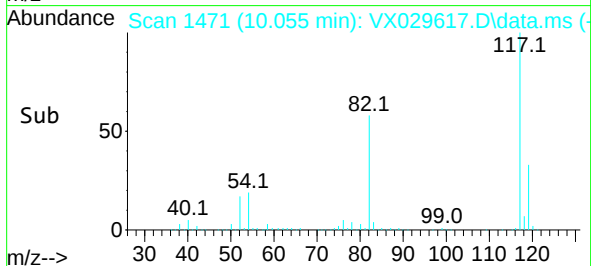
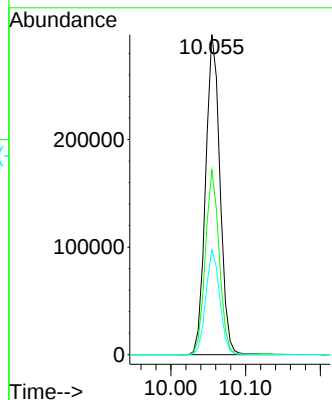
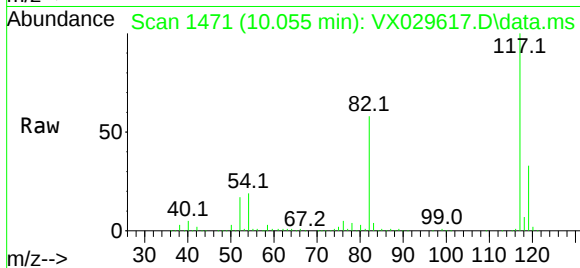
Tgt Ion:117 Resp: 396523

Ion Ratio Lower Upper

117 100

82 57.7 41.8 62.8

119 32.7 24.8 37.2



#67

Ethyl Benzene

Concen: 2.765 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029617.D

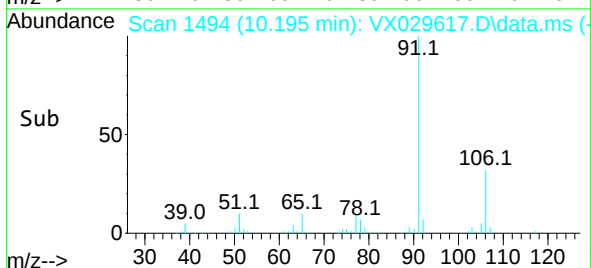
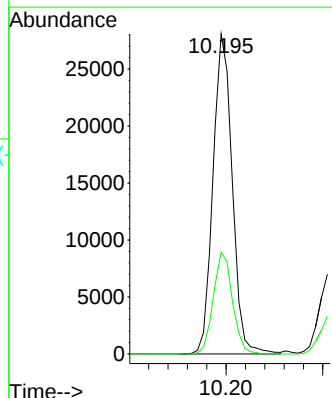
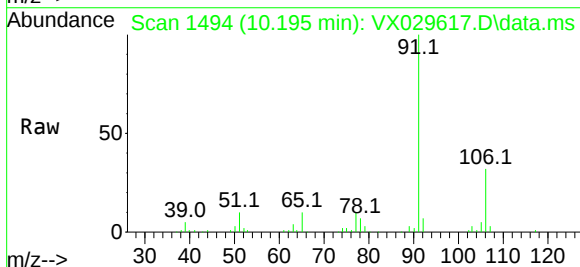
Acq: 20 Jun 2022 12:57

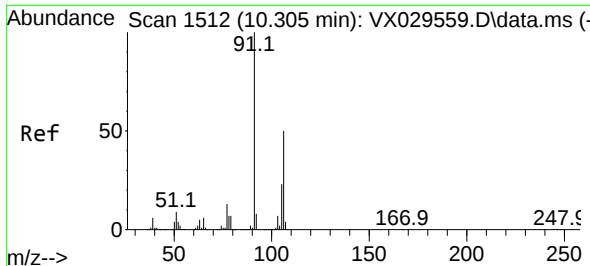
Tgt Ion: 91 Resp: 38705

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8

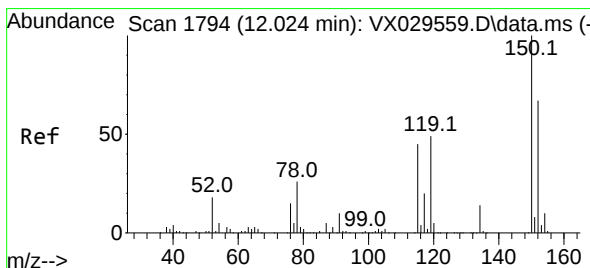
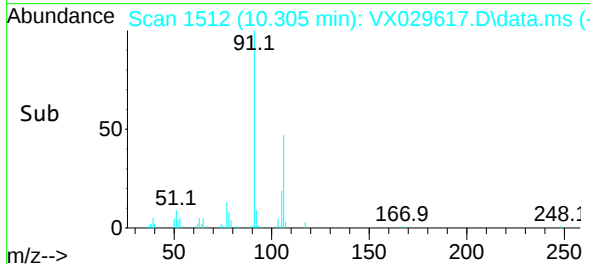
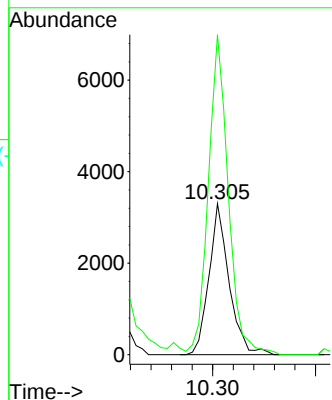
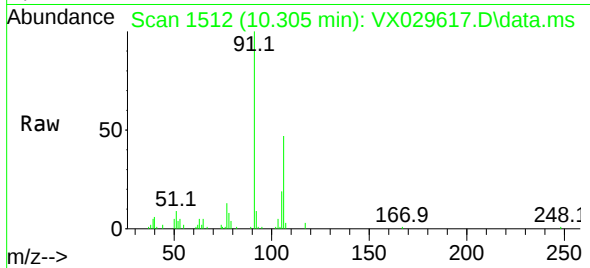




#68
m/p-Xylenes
Concen: 0.823 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

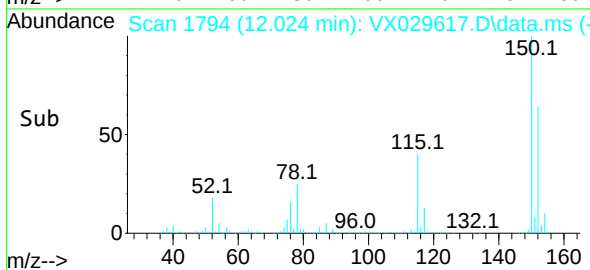
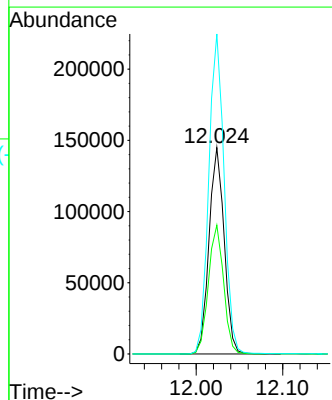
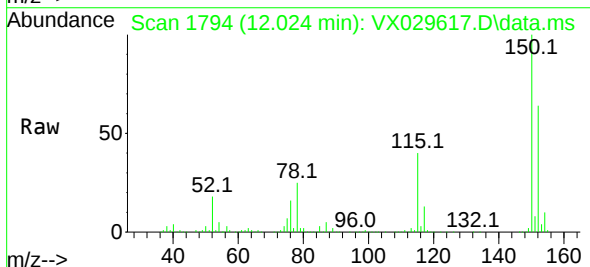
Instrument :
MSVOA_X
ClientSampleId :
MW-16DL

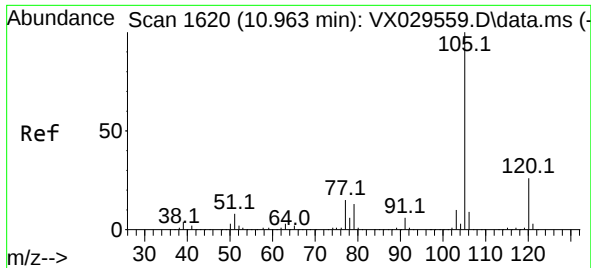
Tgt Ion:106 Resp: 4493
Ion Ratio Lower Upper
106 100
91 210.1 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

Tgt Ion:152 Resp: 176287
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 156.2 0.0 338.2

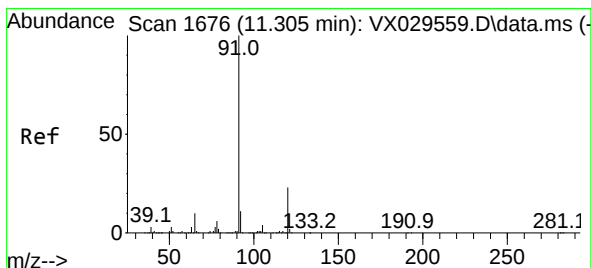
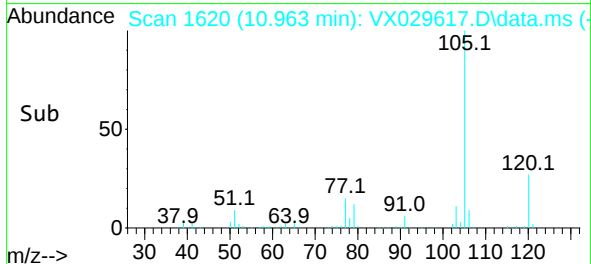
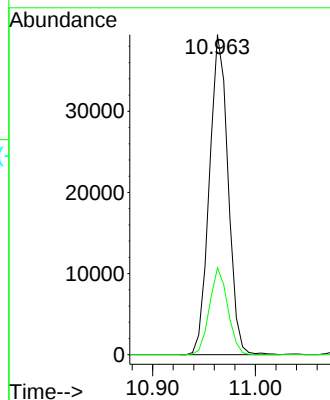
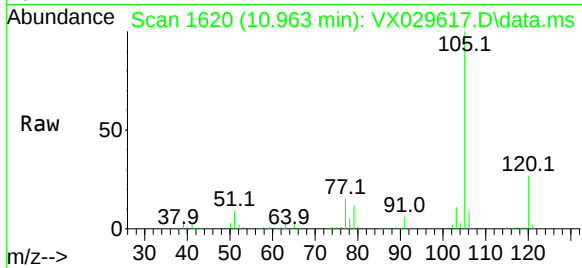




#73
Isopropylbenzene
Concen: 3.775 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

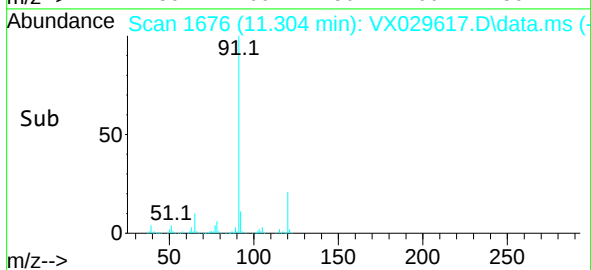
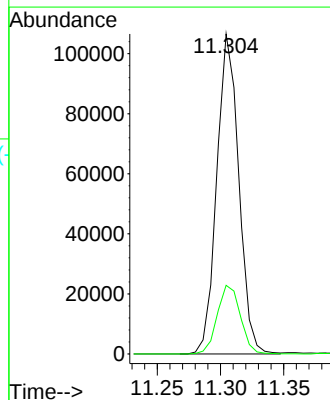
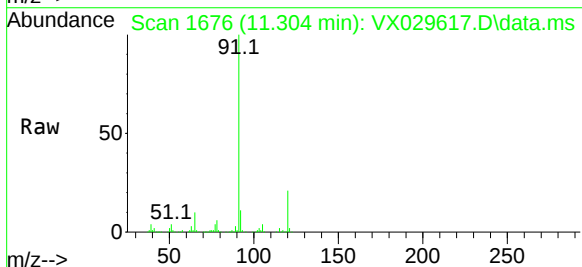
Instrument :
MSVOA_X
ClientSampleId :
MW-16DL

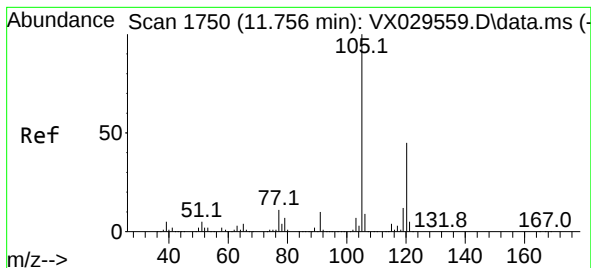
Tgt Ion:105 Resp: 49891
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5



#78
n-propylbenzene
Concen: 8.647 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX029617.D
Acq: 20 Jun 2022 12:57

Tgt Ion: 91 Resp: 128720
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 0.317 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

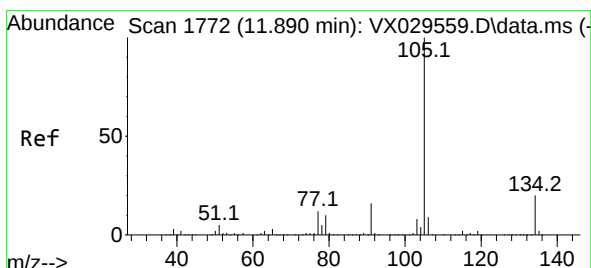
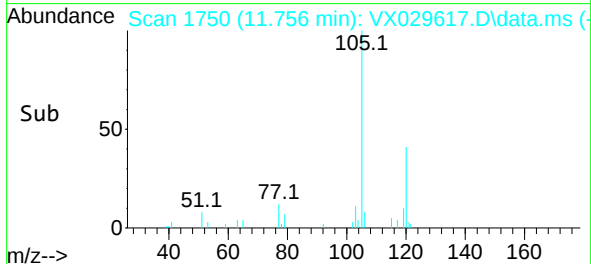
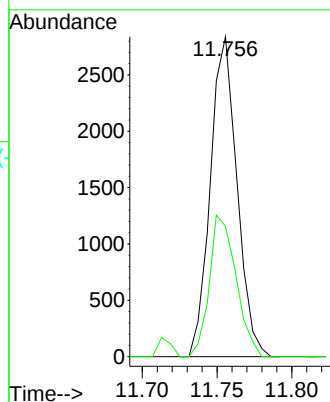
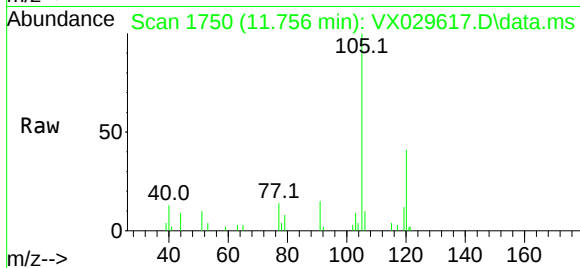
MW-16DL

Tgt Ion:105 Resp: 3517

Ion Ratio Lower Upper

105 100

120 44.2 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.870 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX029617.D

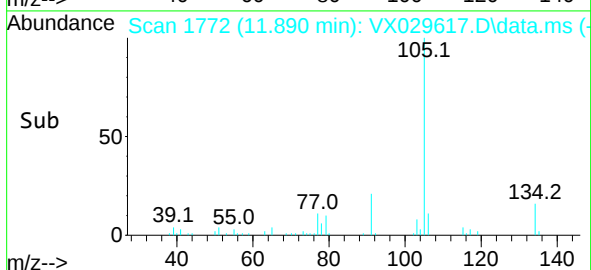
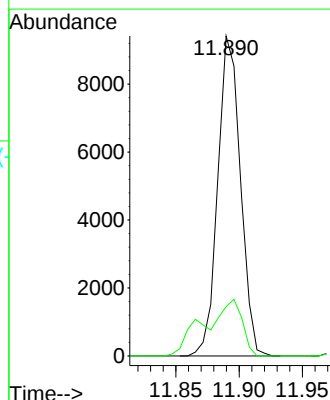
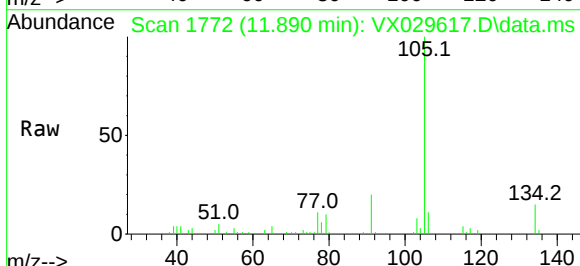
Acq: 20 Jun 2022 12:57

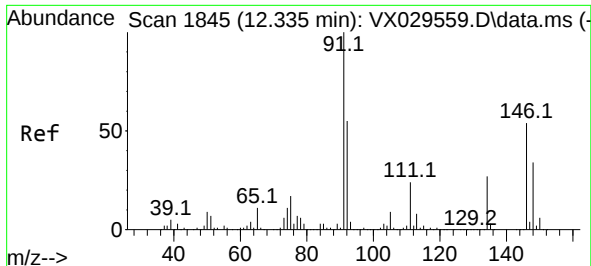
Tgt Ion:105 Resp: 11704

Ion Ratio Lower Upper

105 100

134 17.7 10.2 30.4





#89

n-Butylbenzene

Concen: 1.128 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

MW-16DL

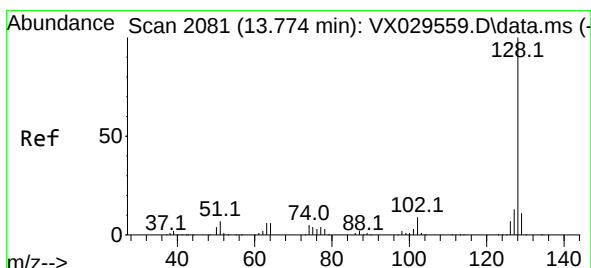
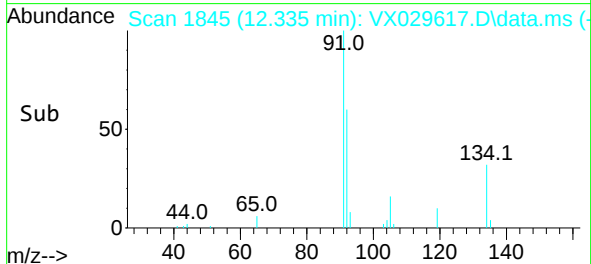
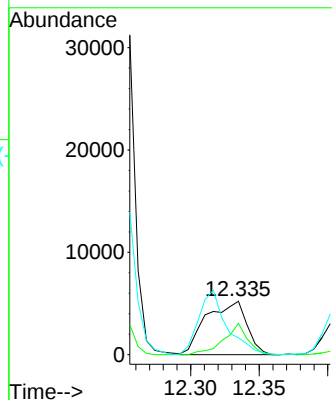
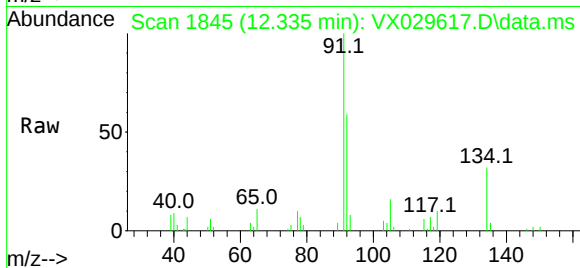
Tgt Ion: 91 Resp: 10722

Ion Ratio Lower Upper

91 100

92 34.5 27.8 83.3

134 84.2 13.3 39.8#



#95

Naphthalene

Concen: 0.551 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029617.D

Acq: 20 Jun 2022 12:57

Tgt Ion:128 Resp: 6819

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.4

129 15.8 8.7 13.1#

