

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073763.D
 Acq On : 05 Aug 2022 15:30
 Operator : JC\MD
 Sample : N3887-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Aug 07 20:51:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

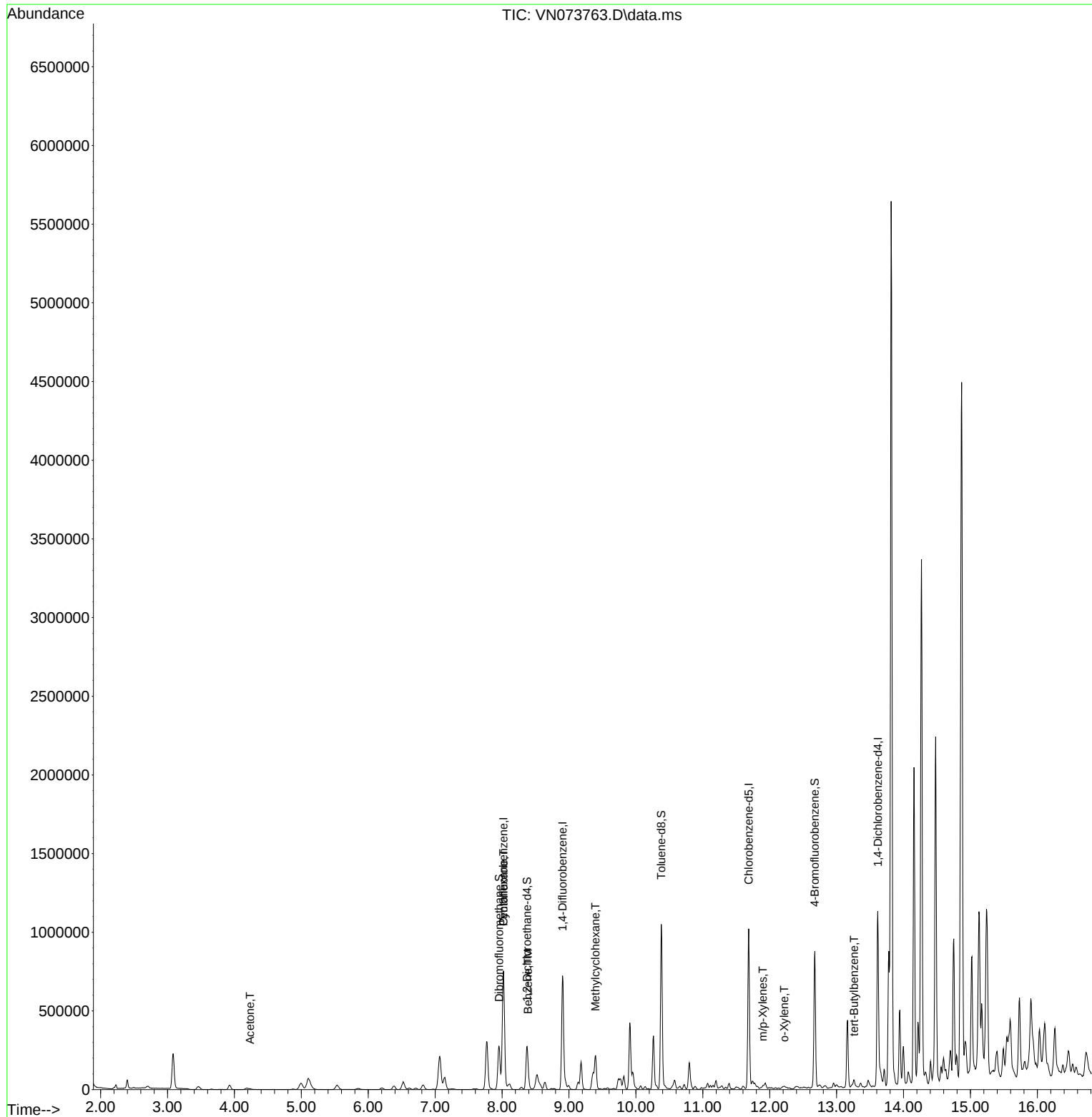
Internal Standards						
1) Pentafluorobenzene	8.022	168	404253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	620196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	600387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	318993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	220337	44.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	7.957	113	210746	54.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.220%
50) Toluene-d8	10.380	98	729569	47.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.674	95	279822	53.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.700%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	9109	3.442	ug/l	92
31) Cyclohexane	8.022	56	157297	21.446	ug/l	98
39) Methylcyclohexane	9.398	83	97901	14.760	ug/l	99
40) Benzene	8.386	78	22681	1.258	ug/l	92
68) m/p-Xylenes	11.898	106	6700	0.817	ug/l	81
69) o-Xylene	12.216	106	3641	0.455	ug/l	74
83) tert-Butylbenzene	13.263	119	11783	0.692	ug/l	95

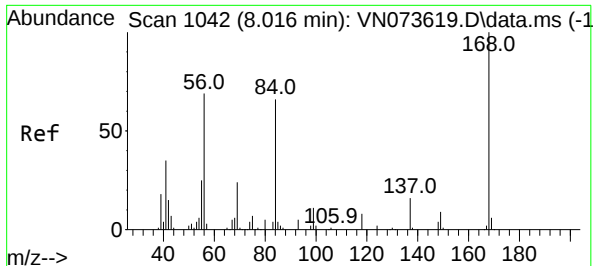
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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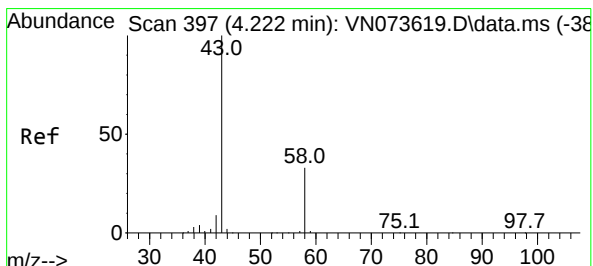
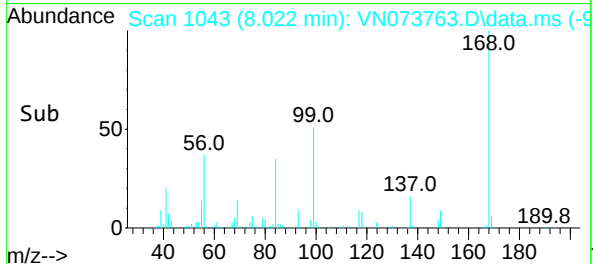
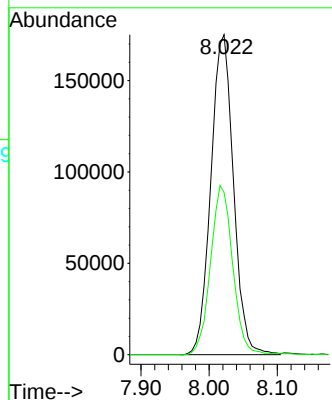
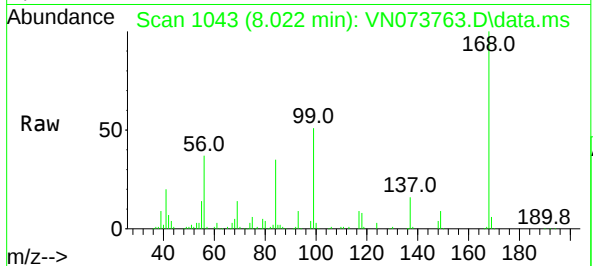




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

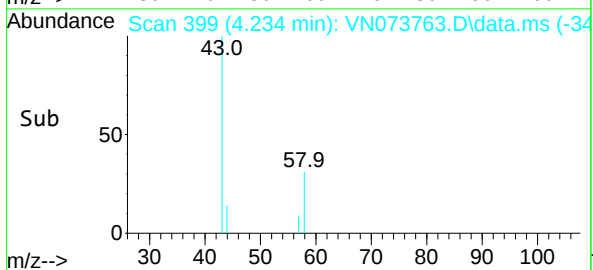
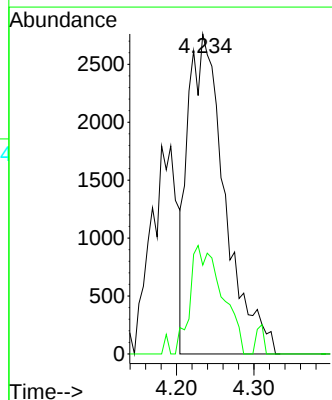
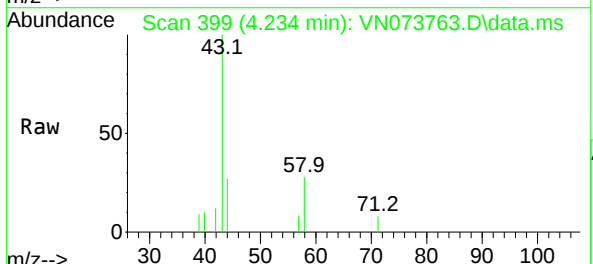
Instrument :
MSVOA_N
ClientSampleId :
MW-12

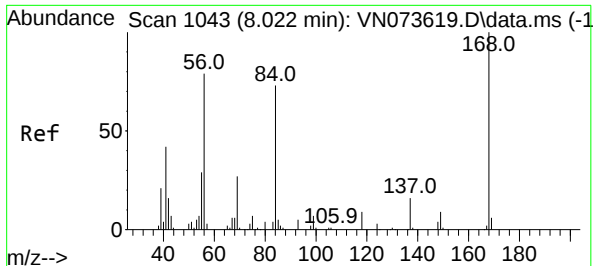
Tgt Ion:168 Resp: 404253
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5



#16
Acetone
Concen: 3.442 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

Tgt Ion: 43 Resp: 9109
Ion Ratio Lower Upper
43 100
58 27.7 26.0 39.0

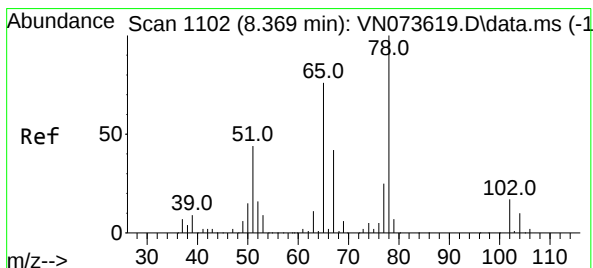
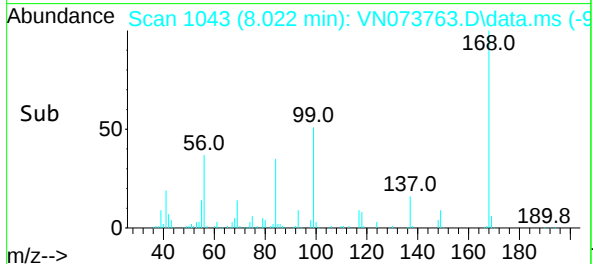
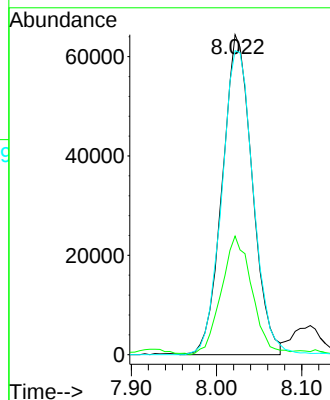
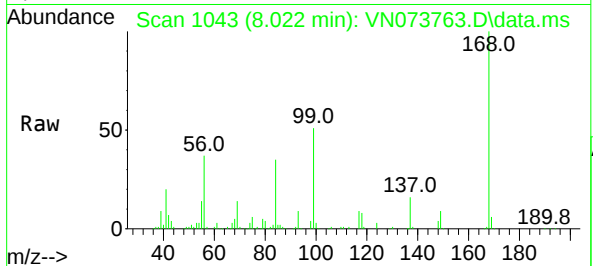




#31
Cyclohexane
Concen: 21.446 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

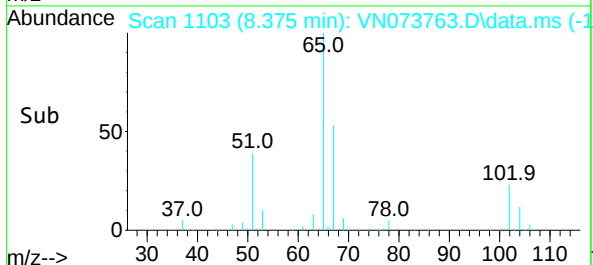
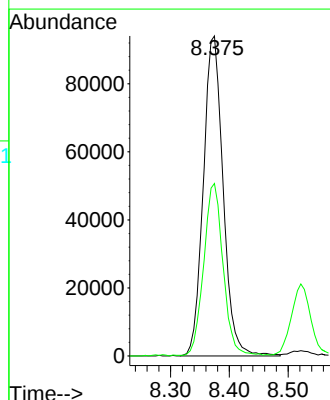
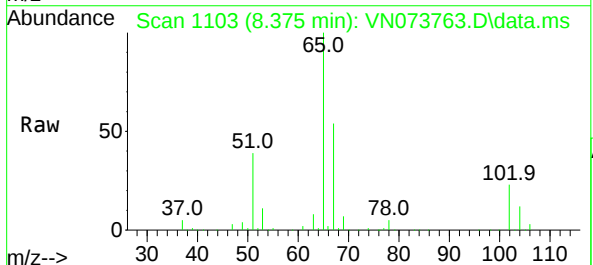
Instrument :
MSVOA_N
ClientSampleId :
MW-12

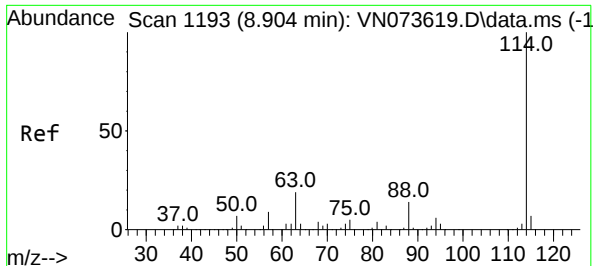
Tgt Ion: 56 Resp: 157297
Ion Ratio Lower Upper
56 100
69 36.6 27.8 41.8
84 95.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.725 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

Tgt Ion: 65 Resp: 220337
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073763.D

Acq: 05 Aug 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

MW-12

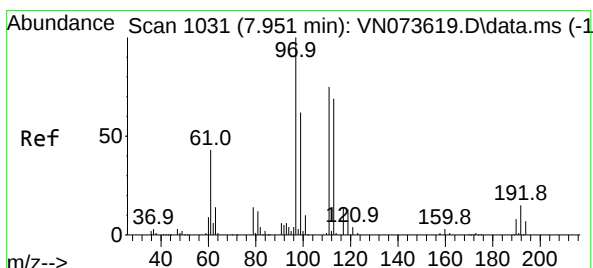
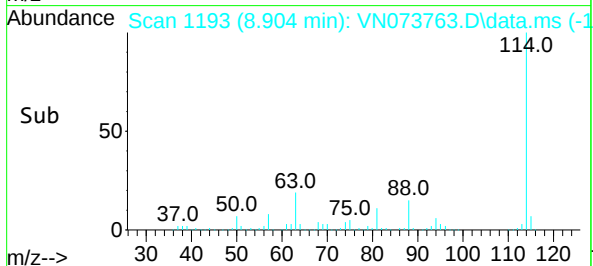
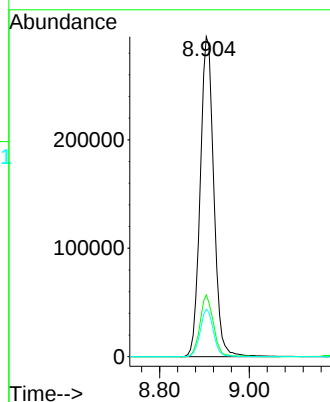
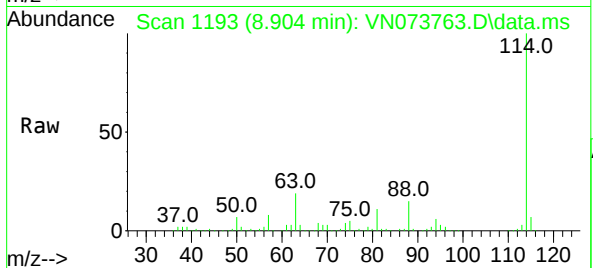
Tgt Ion:114 Resp: 620196

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.115 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073763.D

Acq: 05 Aug 2022 15:30

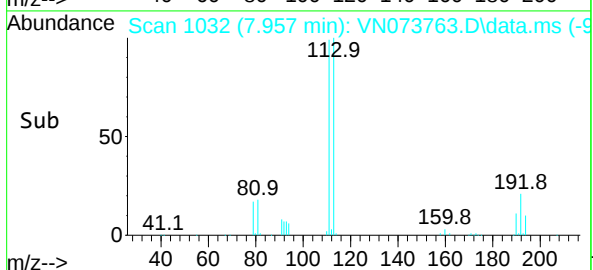
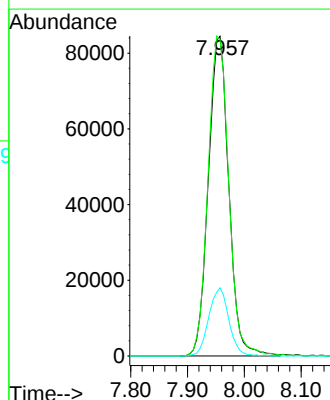
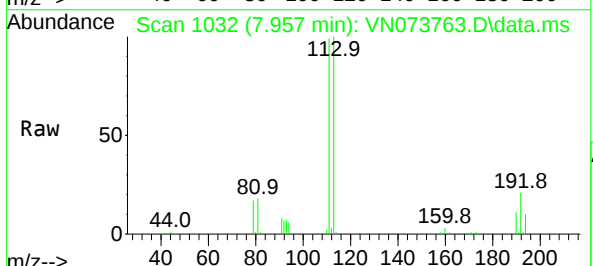
Tgt Ion:113 Resp: 210746

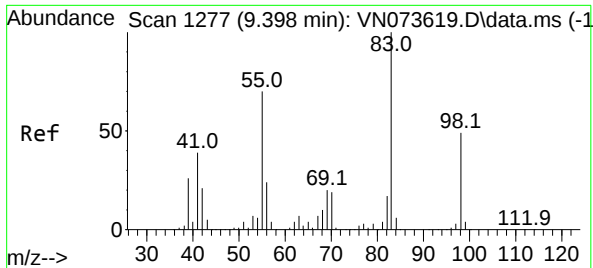
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 20.8 17.0 25.6





#39

Methylcyclohexane

Concen: 14.760 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073763.D

Acq: 05 Aug 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

MW-12

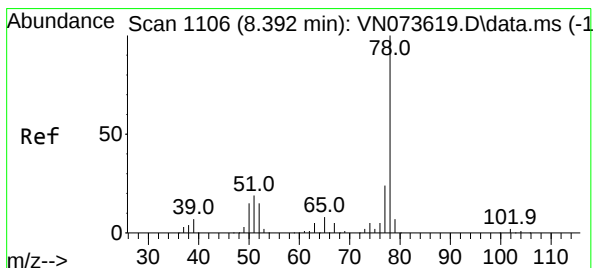
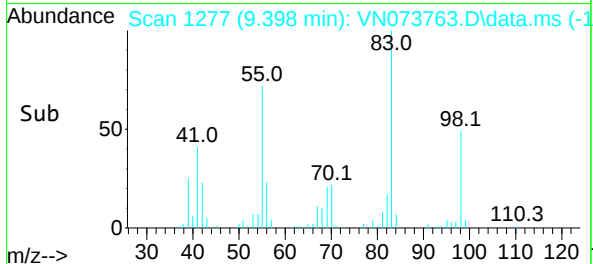
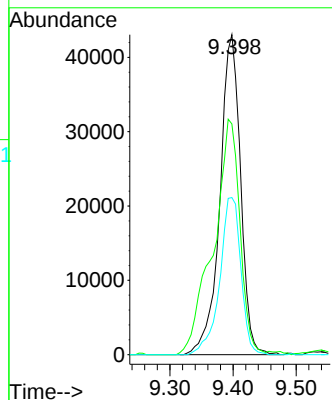
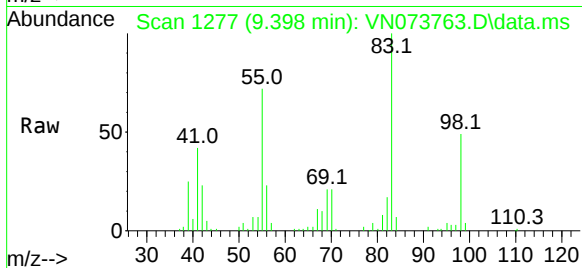
Tgt Ion: 83 Resp: 97901

Ion Ratio Lower Upper

83 100

55 71.5 57.8 86.8

98 49.1 39.4 59.2



#40

Benzene

Concen: 1.258 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073763.D

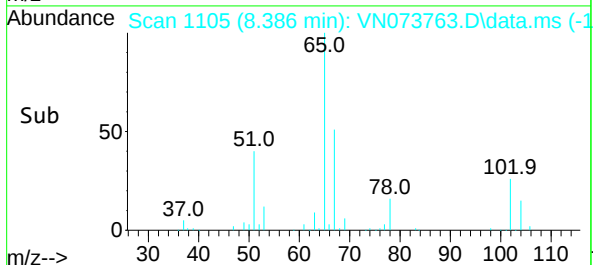
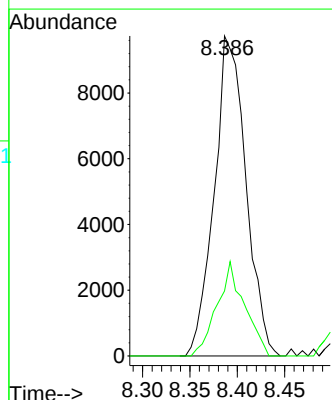
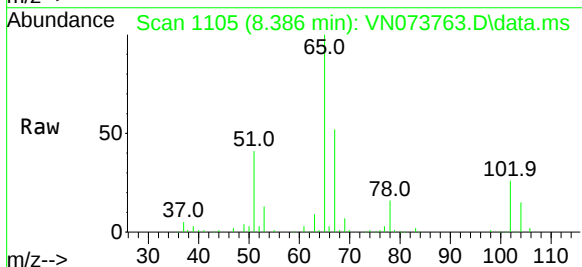
Acq: 05 Aug 2022 15:30

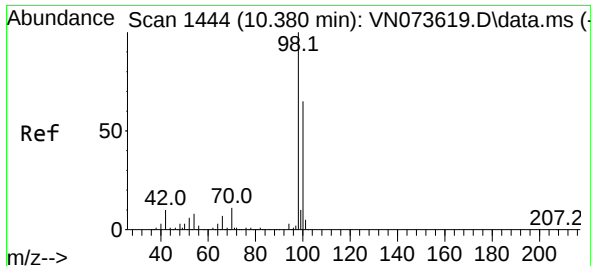
Tgt Ion: 78 Resp: 22681

Ion Ratio Lower Upper

78 100

77 20.3 19.4 29.0

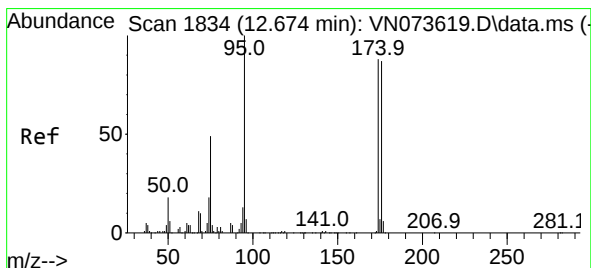
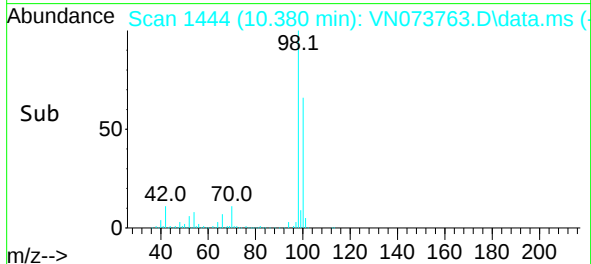
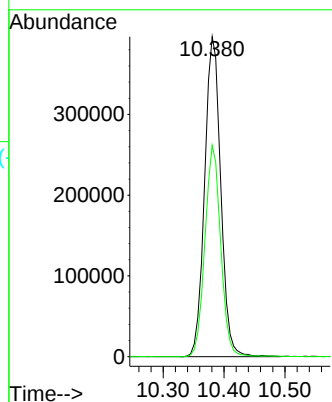
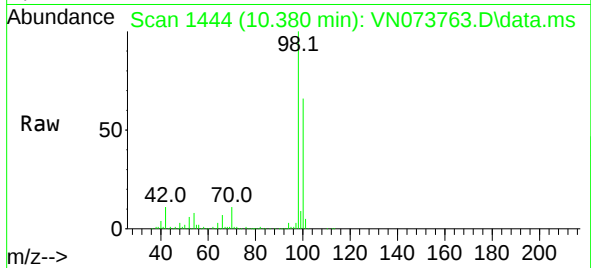




#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

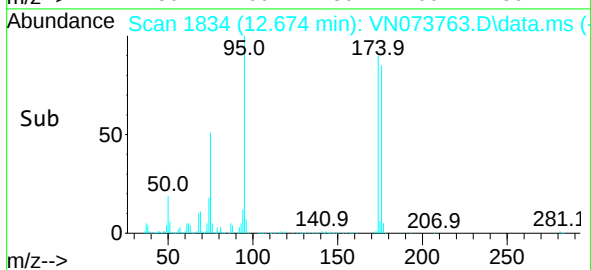
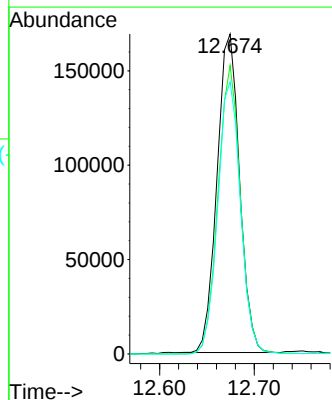
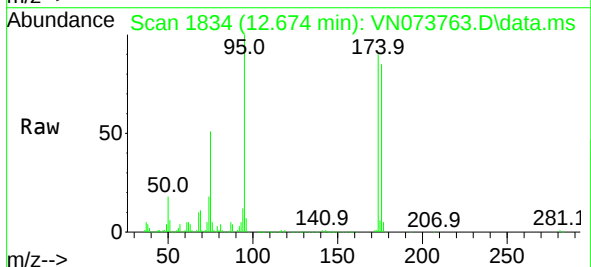
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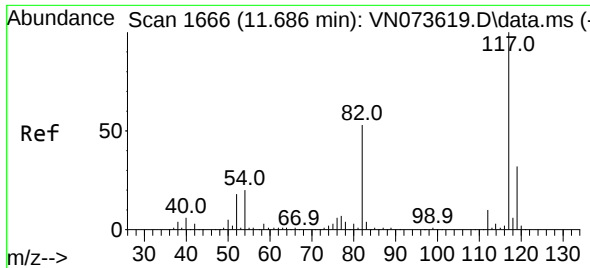
Tgt Ion: 98 Resp: 729569
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.849 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

Tgt Ion: 95 Resp: 279822
Ion Ratio Lower Upper
95 100
174 90.0 0.0 167.6
176 86.2 0.0 163.4

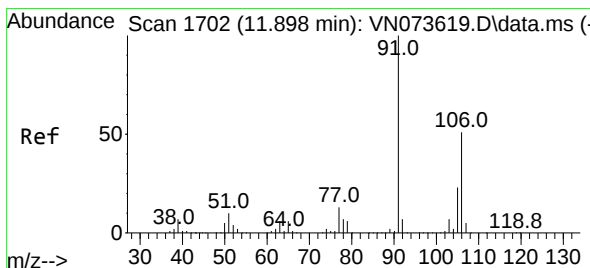
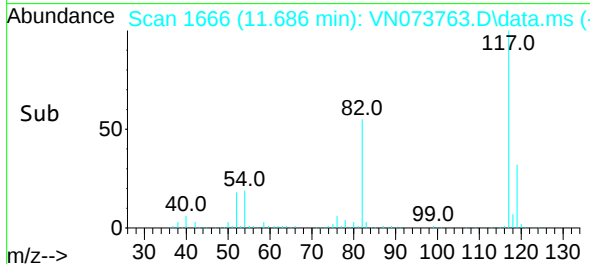
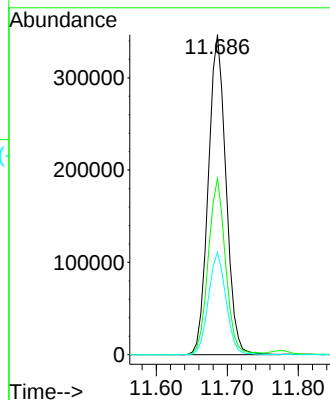
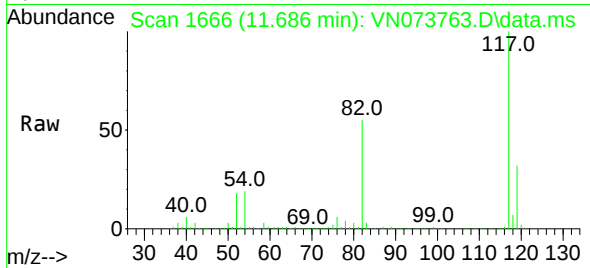




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

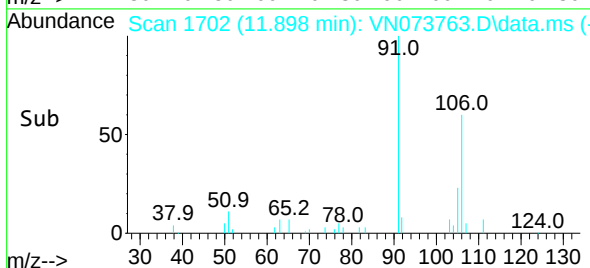
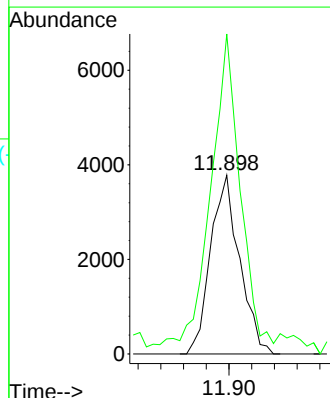
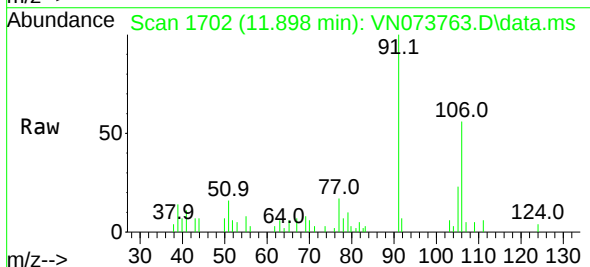
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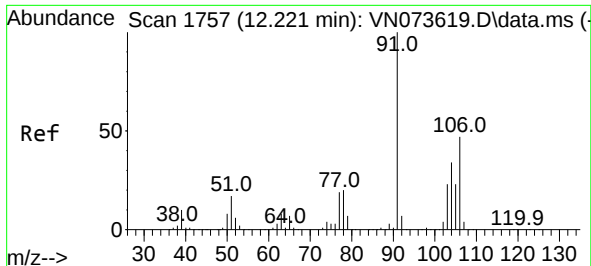
Tgt Ion:117 Resp: 600387
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 0.817 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073763.D
Acq: 05 Aug 2022 15:30

Tgt Ion:106 Resp: 6700
Ion Ratio Lower Upper
106 100
91 170.5 158.9 238.3





#69

o-Xylene

Concen: 0.455 ug/l

RT: 12.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073763.D

Acq: 05 Aug 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

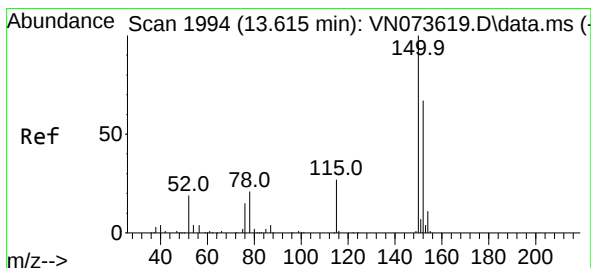
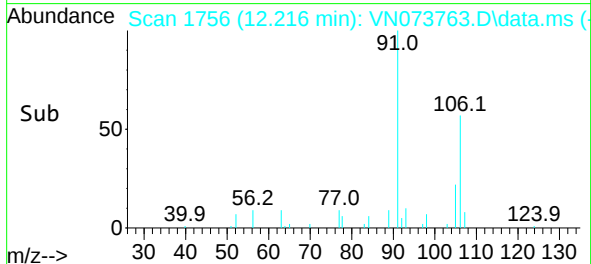
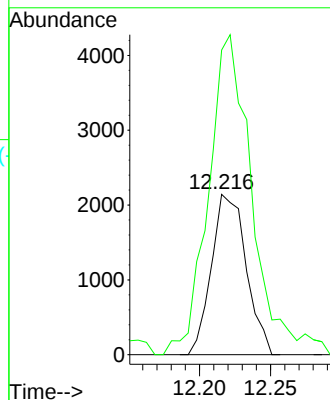
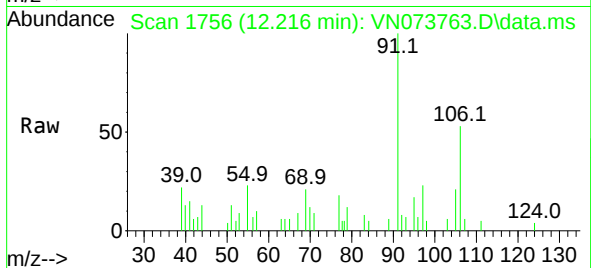
MW-12

Tgt Ion:106 Resp: 3641

Ion Ratio Lower Upper

106 100

91 252.2 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073763.D

Acq: 05 Aug 2022 15:30

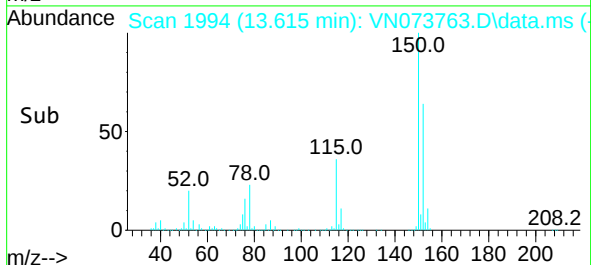
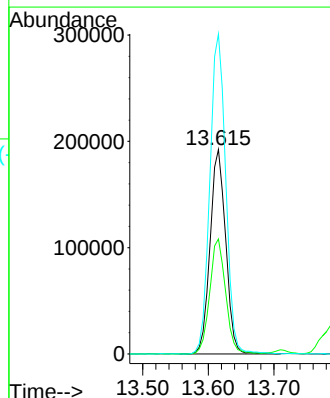
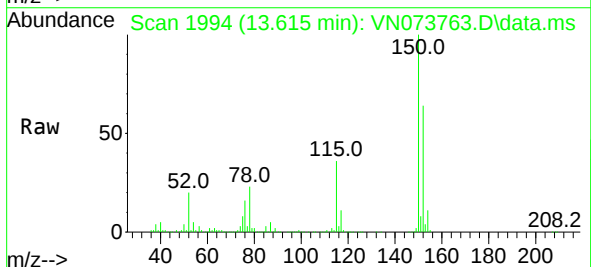
Tgt Ion:152 Resp: 318993

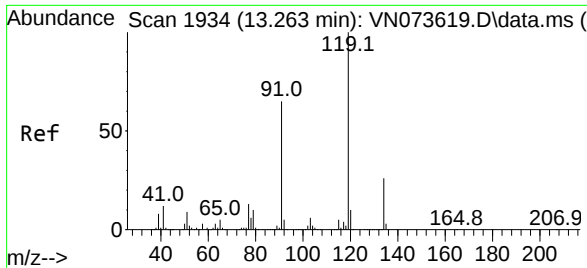
Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 158.7 0.0 356.2





#83

tert-Butylbenzene

Concen: 0.692 ug/l

RT: 13.263 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN073763.D

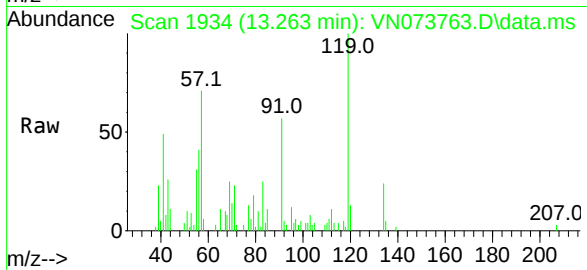
Acq: 05 Aug 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:119 Resp: 11783

Ion Ratio Lower Upper

119 100

91 58.4 31.6 94.8

134 25.8 13.7 41.1

