

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073757.D
 Acq On : 05 Aug 2022 13:02
 Operator : JC\MD
 Sample : N3887-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Aug 07 20:49:07 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)

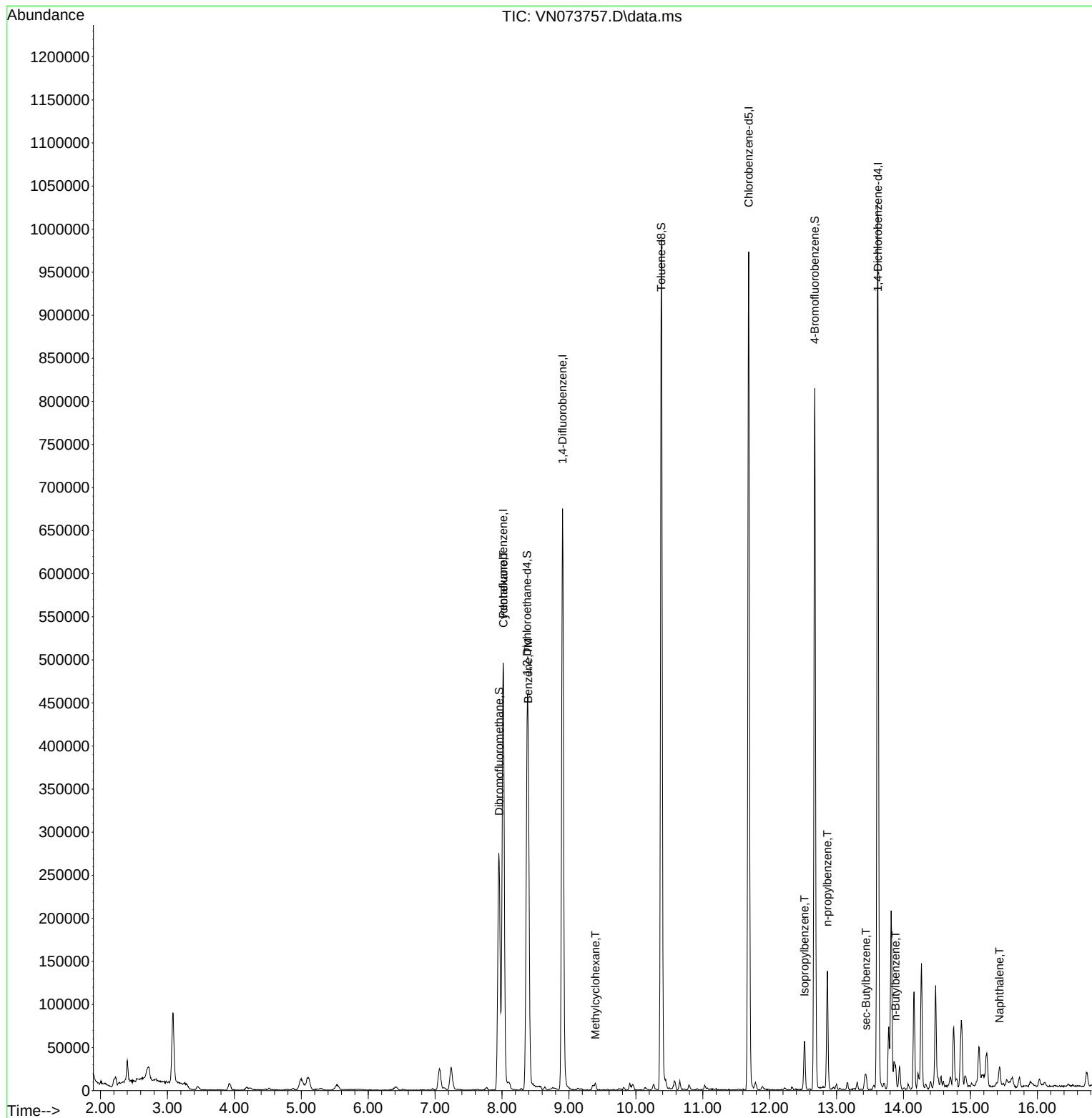
Internal Standards						
1) Pentafluorobenzene	8.016	168	394873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	621162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	579106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	295190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	228551	47.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.980%		
35) Dibromofluoromethane	7.957	113	209573	53.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.460%		
50) Toluene-d8	10.381	98	702427	45.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.520%		
62) 4-Bromofluorobenzene	12.674	95	264921	51.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.780%		
Target Compounds						Qvalue
31) Cyclohexane	8.022	56	18982	2.650	ug/l #	78
39) Methylcyclohexane	9.398	83	3329	0.501	ug/l	90
40) Benzene	8.392	78	325128	18.010	ug/l	99
73) Isopropylbenzene	12.522	105	36555	1.692	ug/l	99
78) n-propylbenzene	12.863	91	104445	4.296	ug/l	99
85) sec-Butylbenzene	13.439	105	10024	0.460	ug/l #	53
89) n-Butylbenzene	13.880	91	14904	1.067	ug/l #	78
95) Naphthalene	15.433	128	26739	1.594	ug/l #	95

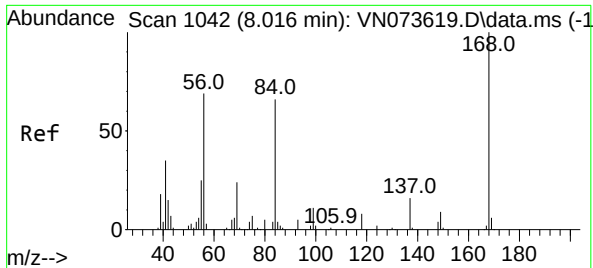
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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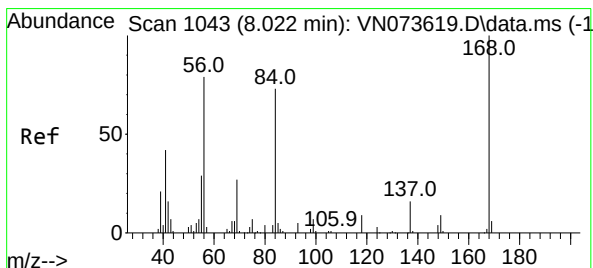
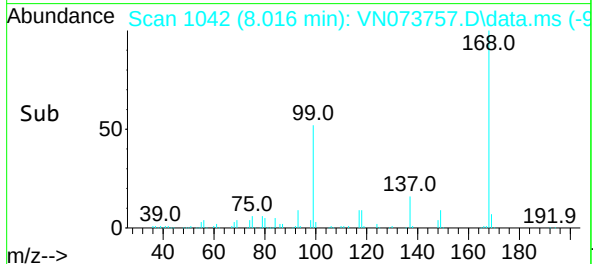
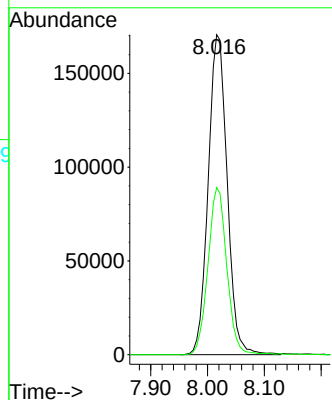
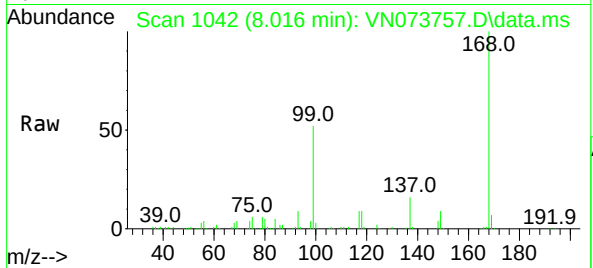




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

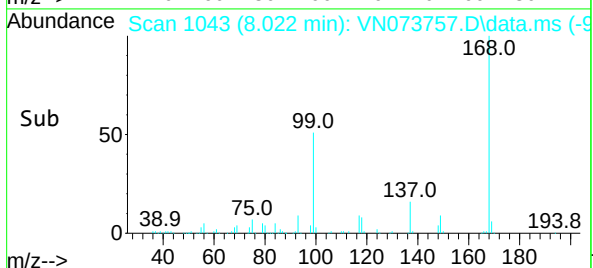
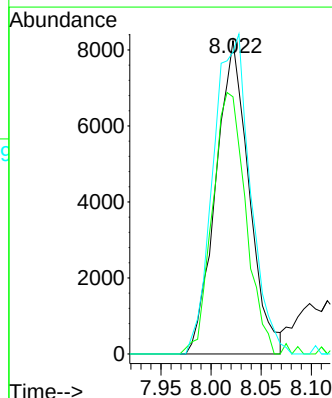
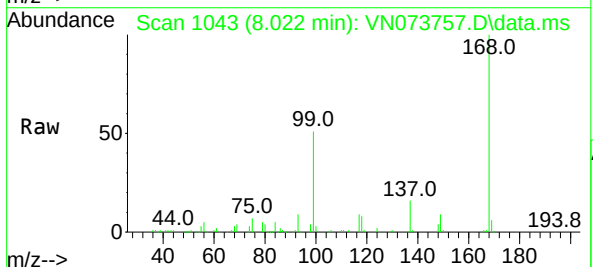
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

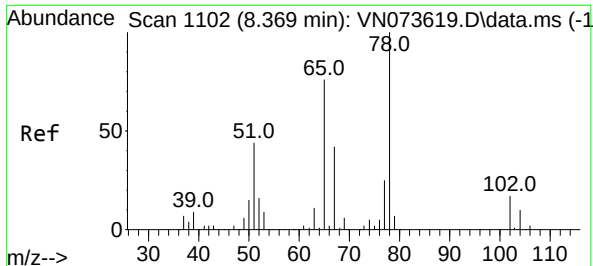
Tgt Ion:168 Resp: 394873
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#31
Cyclohexane
Concen: 2.650 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 56 Resp: 18982
Ion Ratio Lower Upper
56 100
69 82.1 27.8 41.8#
84 96.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

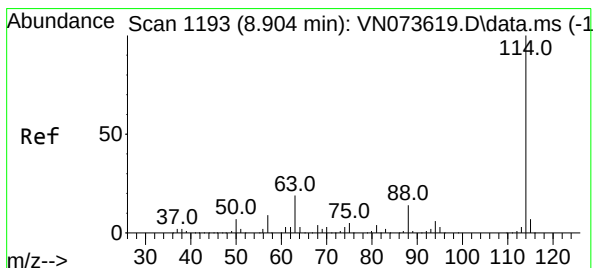
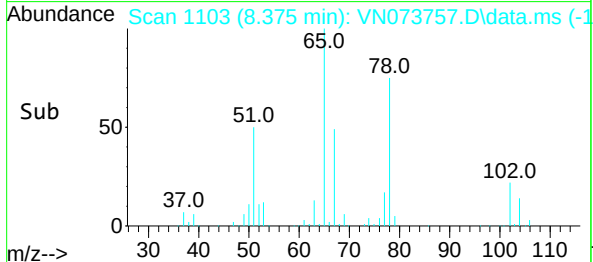
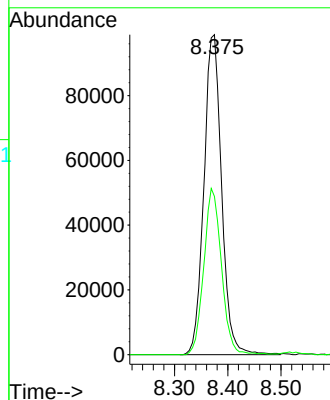
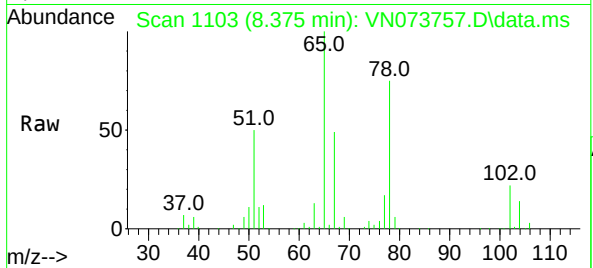
MW-1DL

Tgt Ion: 65 Resp: 228551

Ion Ratio Lower Upper

65 100

67 51.8 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: VN073757.D

Acq: 05 Aug 2022 13:02

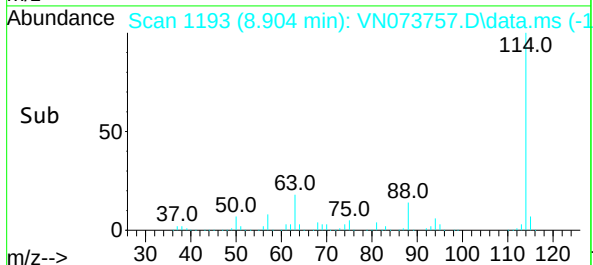
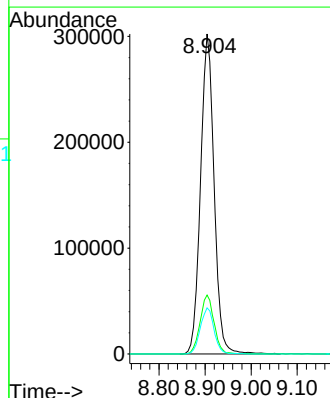
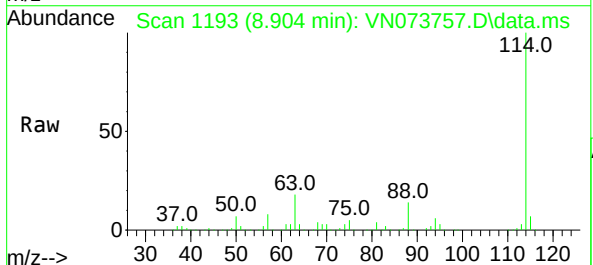
Tgt Ion: 114 Resp: 621162

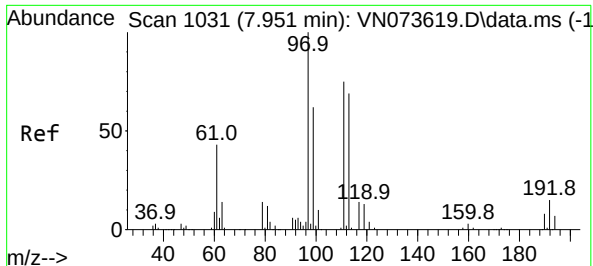
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.730 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

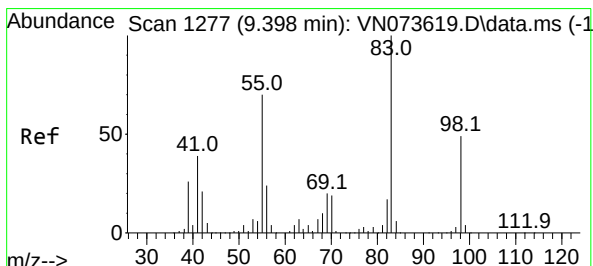
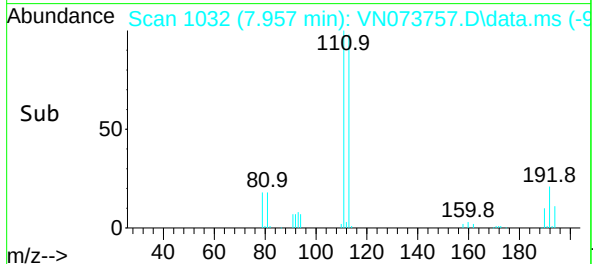
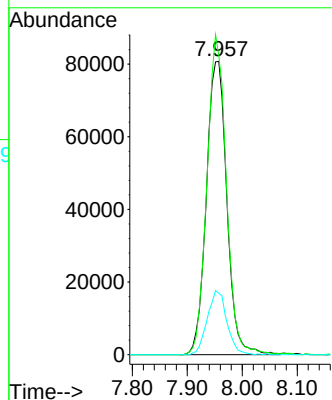
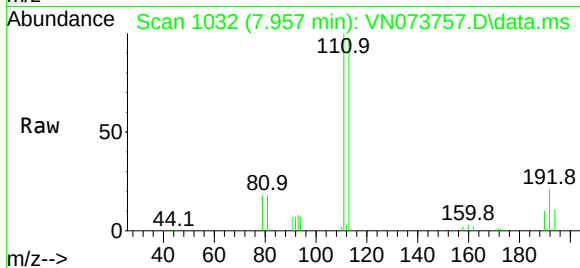
Tgt Ion:113 Resp: 209573

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.8 17.0 25.6



#39

Methylcyclohexane

Concen: 0.501 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

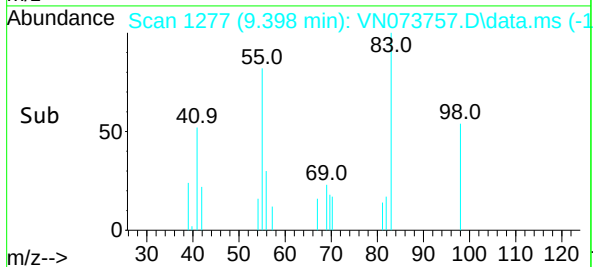
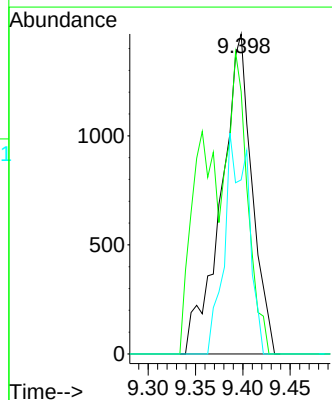
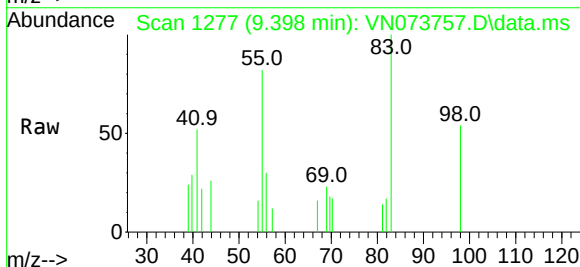
Tgt Ion: 83 Resp: 3329

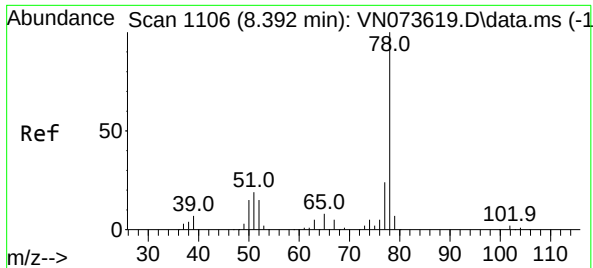
Ion Ratio Lower Upper

83 100

55 81.9 57.8 86.8

98 54.4 39.4 59.2

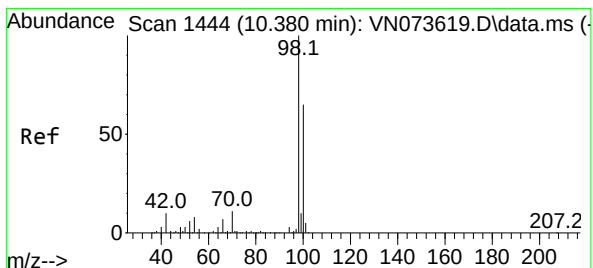
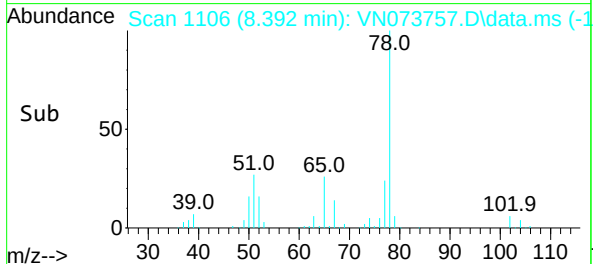
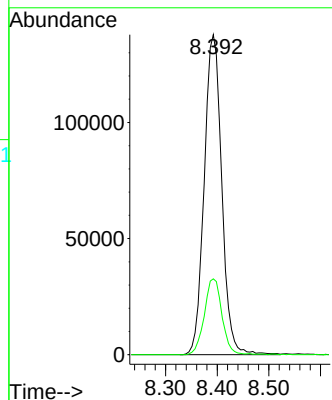
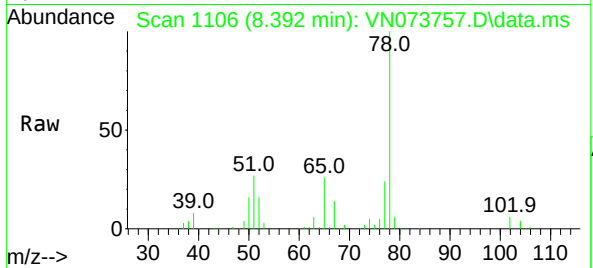




#40
Benzene
Concen: 18.010 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

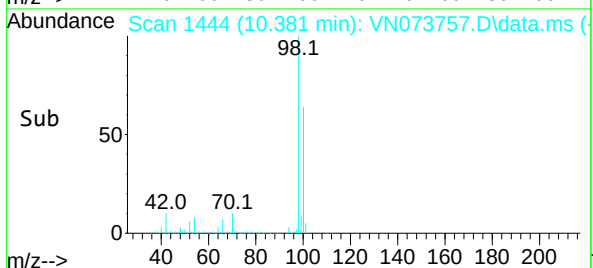
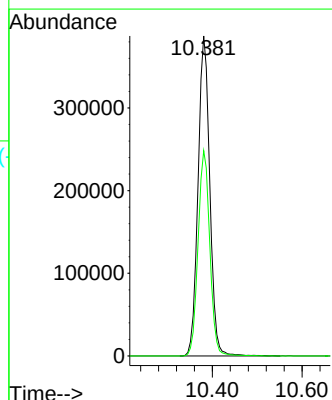
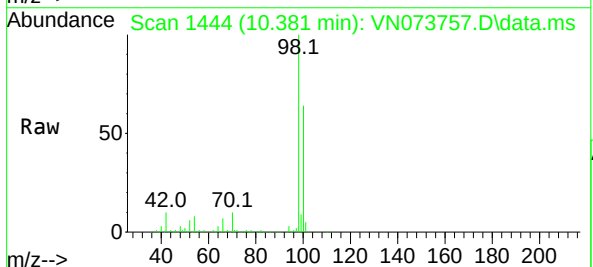
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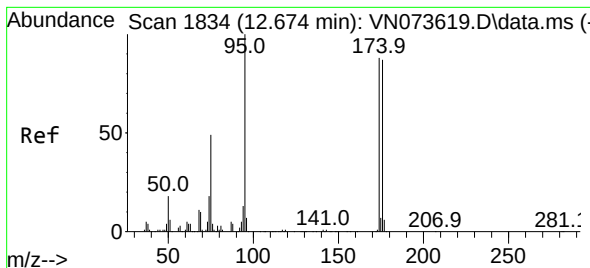
Tgt Ion: 78 Resp: 325128
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0



#50
Toluene-d8
Concen: 45.764 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 98 Resp: 702427
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

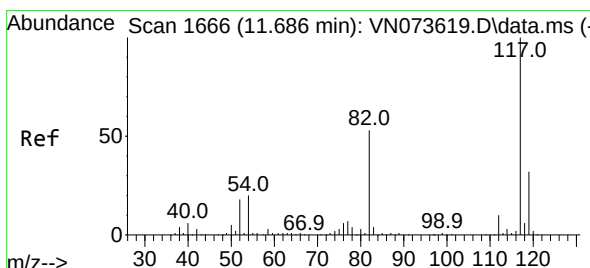
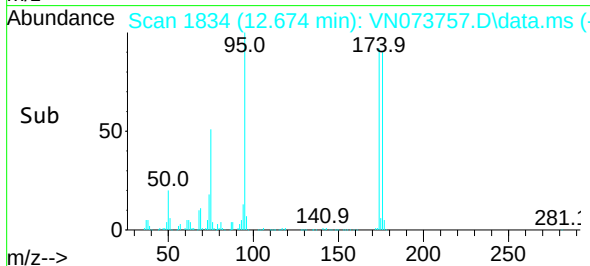
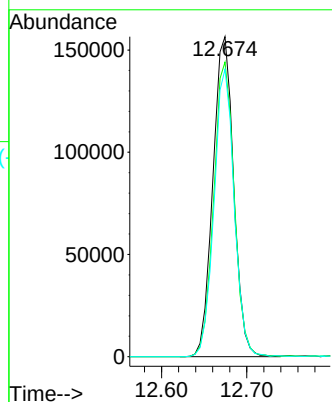
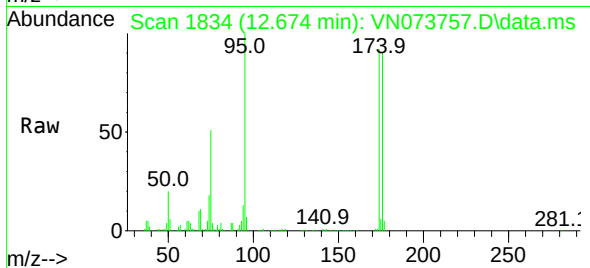




#62
4-Bromofluorobenzene
Concen: 51.385 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

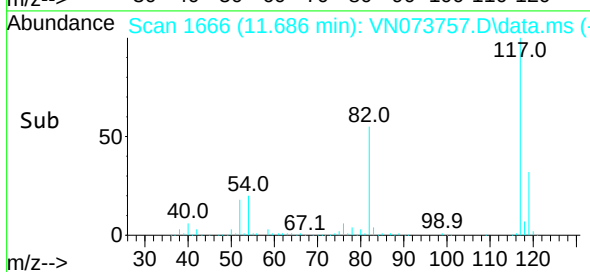
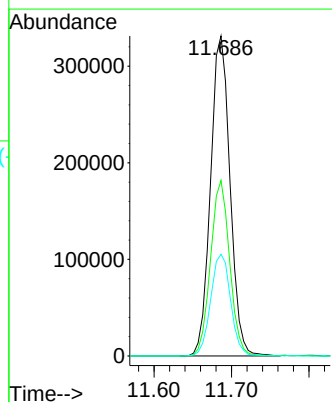
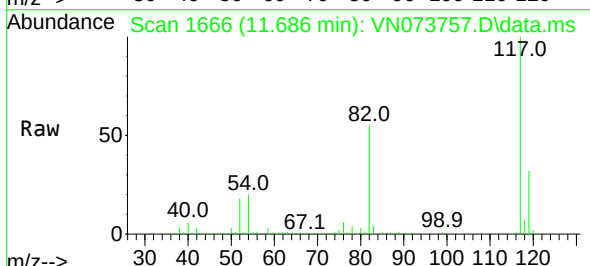
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

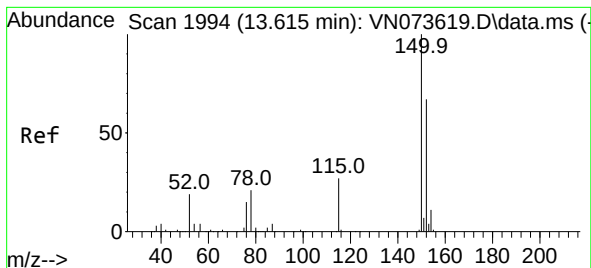
Tgt Ion: 95 Resp: 264921
Ion Ratio Lower Upper
95 100
174 90.9 0.0 167.6
176 87.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion: 117 Resp: 579106
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.8 25.4 38.0

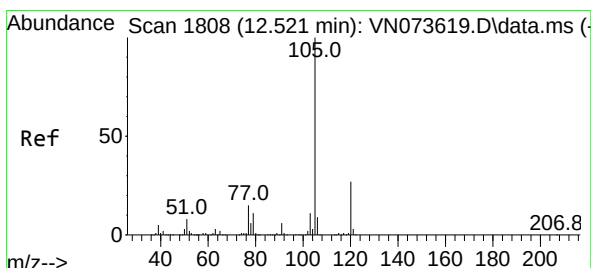
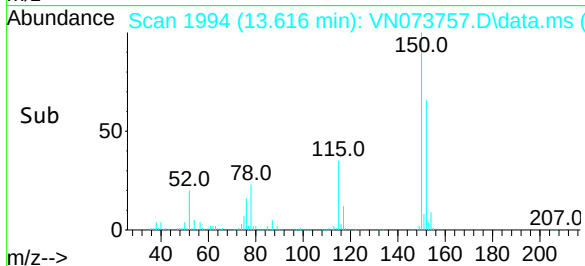
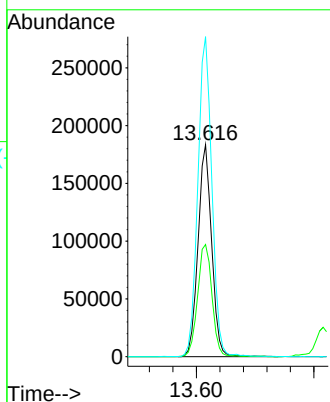
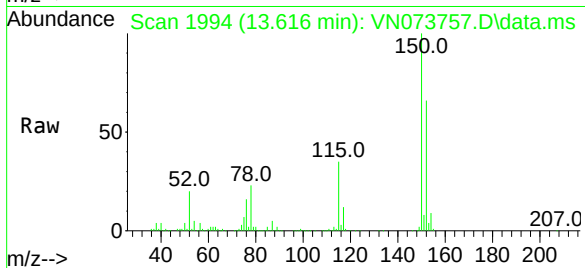




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

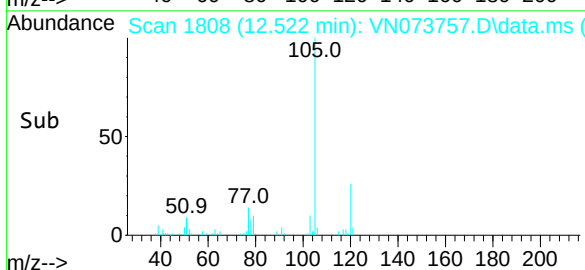
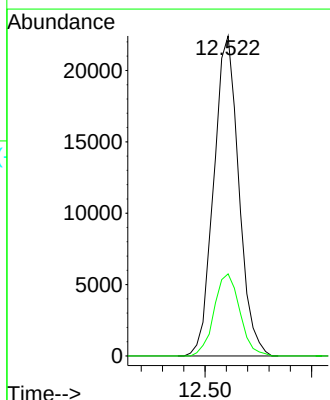
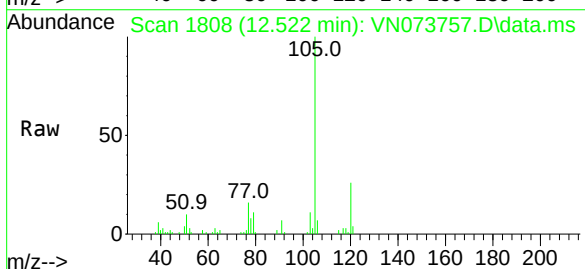
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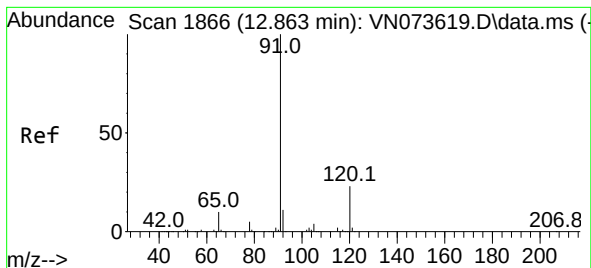
Tgt Ion:152 Resp: 295190
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 155.6 0.0 356.2



#73
Isopropylbenzene
Concen: 1.692 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion:105 Resp: 36555
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4





#78

n-propylbenzene

Concen: 4.296 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073757.D

Acq: 05 Aug 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

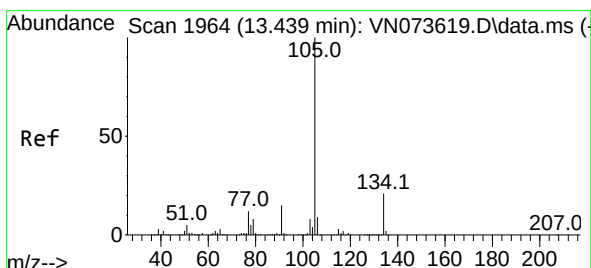
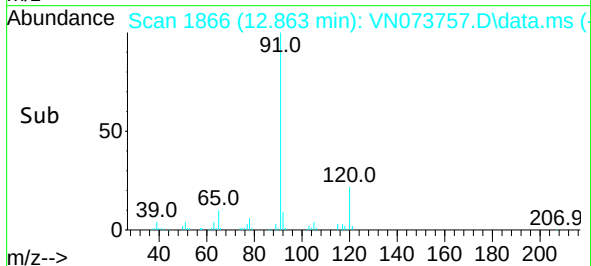
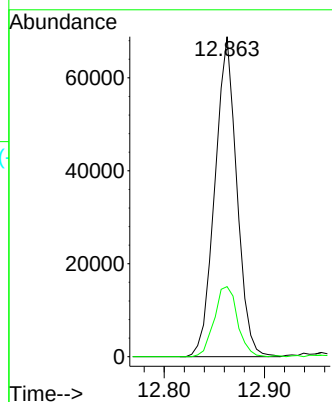
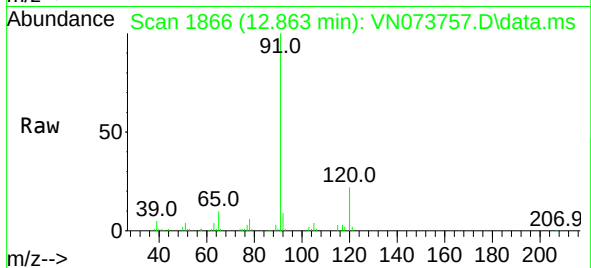
MW-1DL

Tgt Ion: 91 Resp: 104445

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5



#85

sec-Butylbenzene

Concen: 0.460 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073757.D

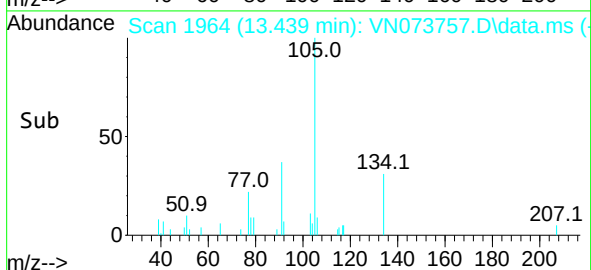
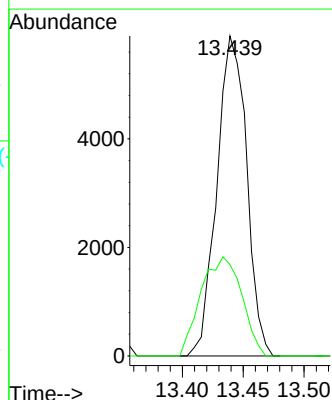
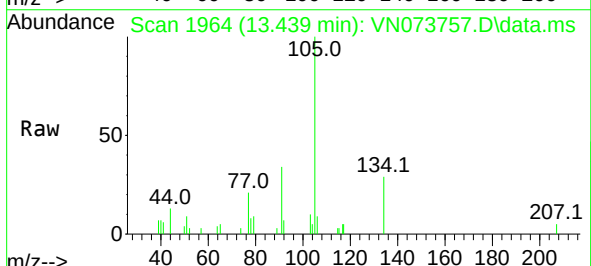
Acq: 05 Aug 2022 13:02

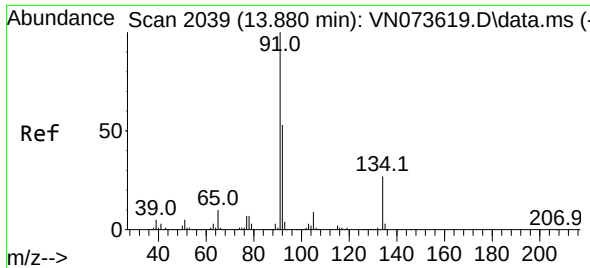
Tgt Ion: 105 Resp: 10024

Ion Ratio Lower Upper

105 100

134 42.5 10.4 31.1#

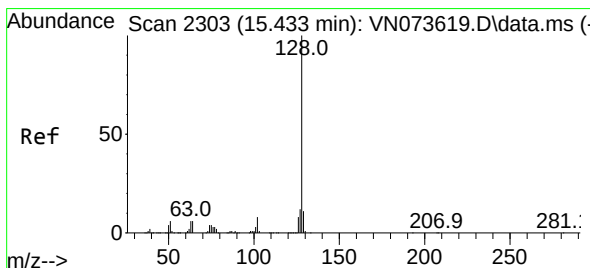
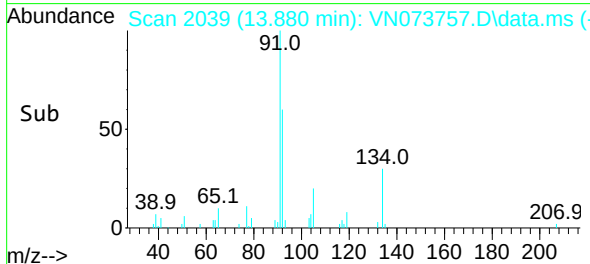
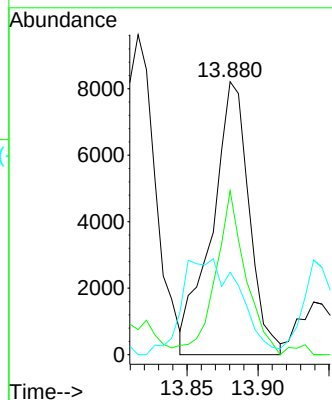
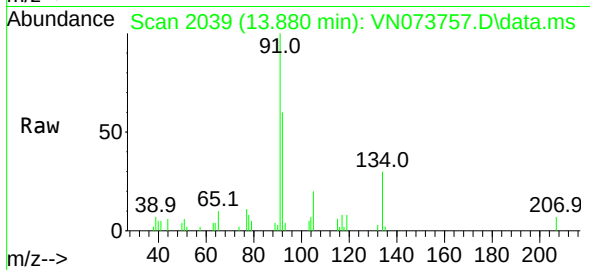




#89
n-Butylbenzene
Concen: 1.067 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tgt Ion: 91 Resp: 14904
Ion Ratio Lower Upper
91 100
92 48.8 26.9 80.7
134 54.7 13.6 40.8#



#95
Naphthalene
Concen: 1.594 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073757.D
Acq: 05 Aug 2022 13:02

Tgt Ion:128 Resp: 26739
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 13.2 8.6 13.0#

