

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073982.D
 Acq On : 17 Aug 2022 17:36
 Operator : JC\MD
 Sample : N4204-25 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Aug 18 00:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

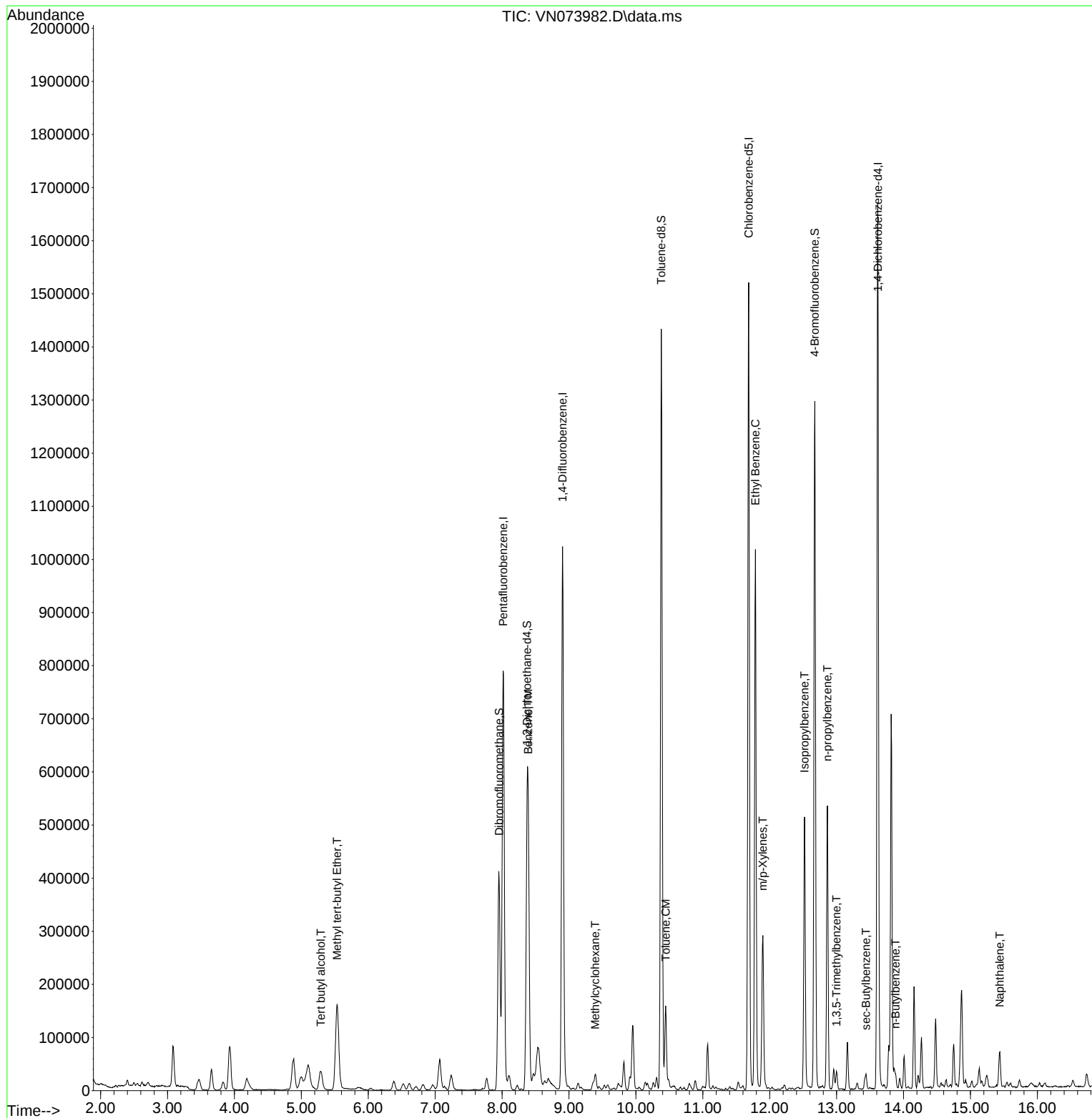
Internal Standards						
1) Pentafluorobenzene	8.016	168	665097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	960708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	922332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	497168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	310581	47.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.880%
35) Dibromofluoromethane	7.957	113	300182	52.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	10.380	98	1020490	46.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.760%
62) 4-Bromofluorobenzene	12.674	95	437327	59.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.292	59	71929	49.639	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	249840	13.215	ug/l #	89
39) Methylcyclohexane	9.392	83	11947	1.208	ug/l	94
40) Benzene	8.392	78	431416	17.321	ug/l	97
52) Toluene	10.445	92	67238	3.937	ug/l	97
67) Ethyl Benzene	11.786	91	740132	22.704	ug/l	97
68) m/p-Xylenes	11.898	106	98093	7.406	ug/l	99
73) Isopropylbenzene	12.521	105	339298	9.372	ug/l	98
78) n-propylbenzene	12.862	91	417952	10.831	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	15159	0.515	ug/l	89
85) sec-Butylbenzene	13.439	105	16143	0.460	ug/l #	61
89) n-Butylbenzene	13.880	91	15024	0.634	ug/l #	69
95) Naphthalene	15.439	128	65494	1.881	ug/l	98

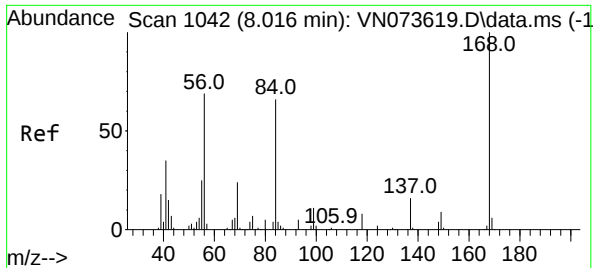
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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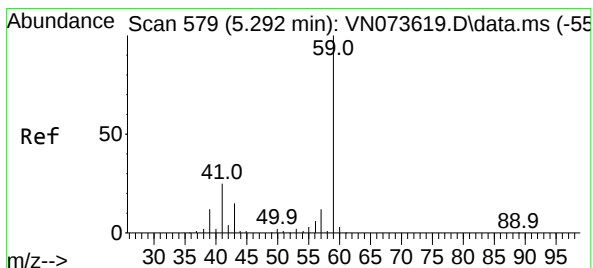
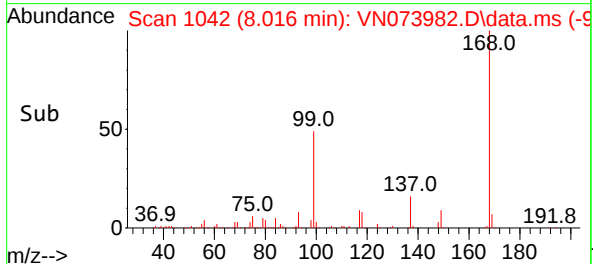
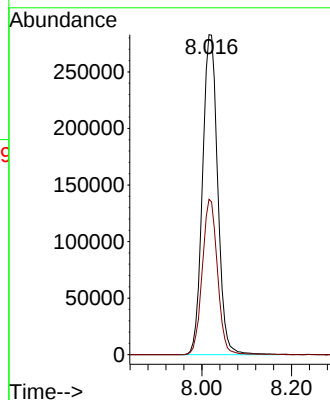
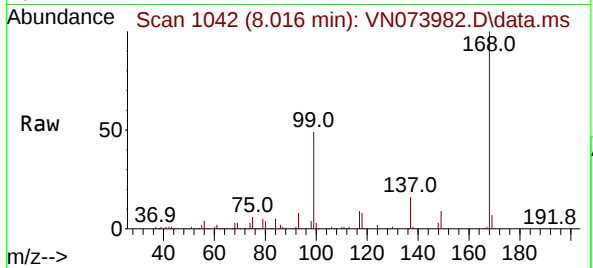




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

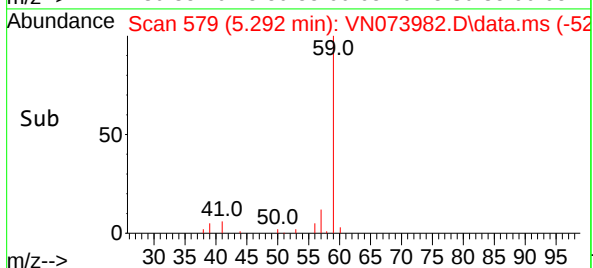
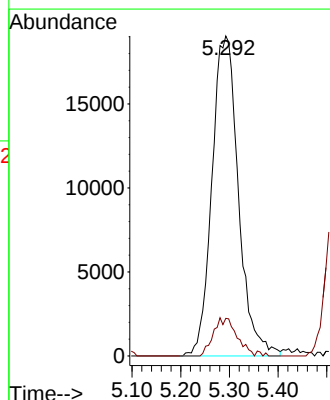
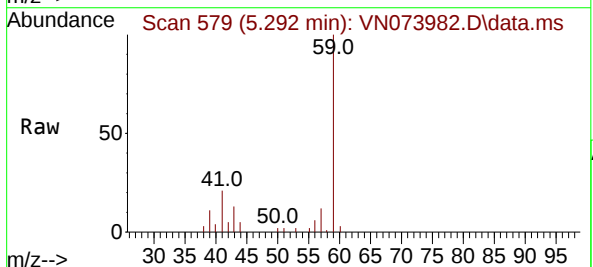
Instrument :
MSVOA_N
ClientSampleId :
MW-5

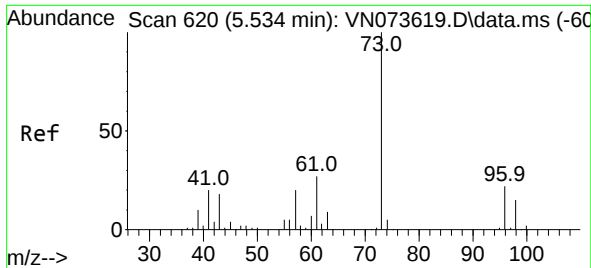
Tgt Ion:168 Resp: 665097
Ion Ratio Lower Upper
168 100
99 48.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 49.639 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 59 Resp: 71929
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

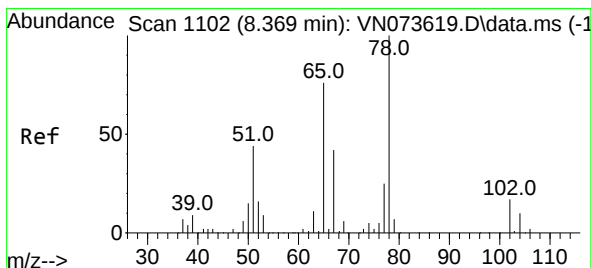
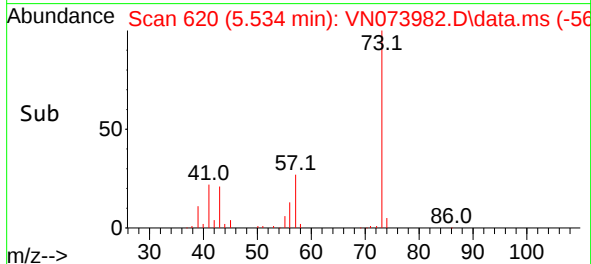
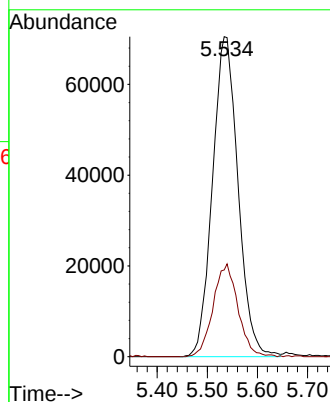
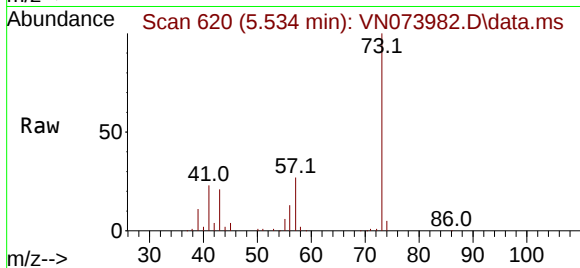




#19
Methyl tert-butyl Ether
Concen: 13.215 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

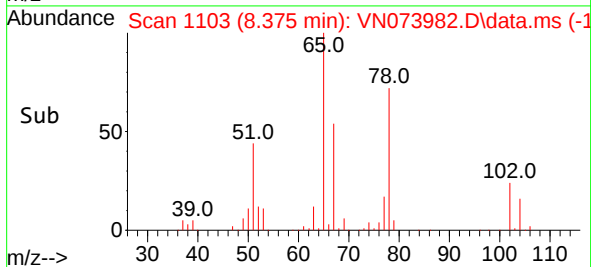
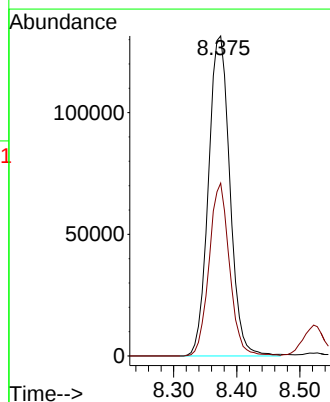
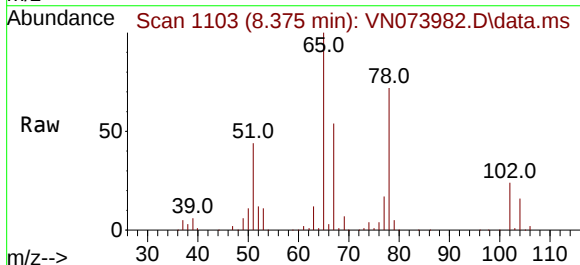
Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tgt Ion: 73 Resp: 249840
Ion Ratio Lower Upper
73 100
57 27.1 17.6 26.4#



#33
1,2-Dichloroethane-d4
Concen: 47.944 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 65 Resp: 310581
Ion Ratio Lower Upper
65 100
67 51.4 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: VN073982.D

Acq: 17 Aug 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-5

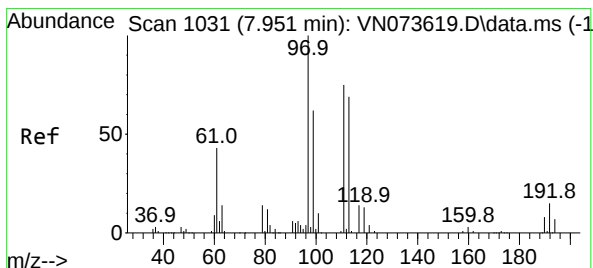
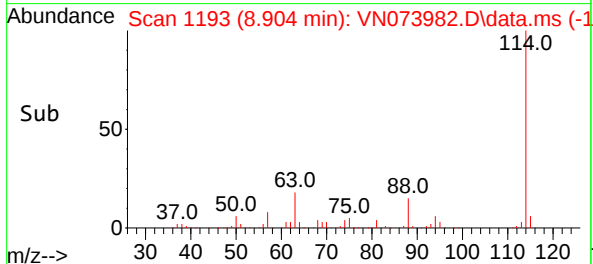
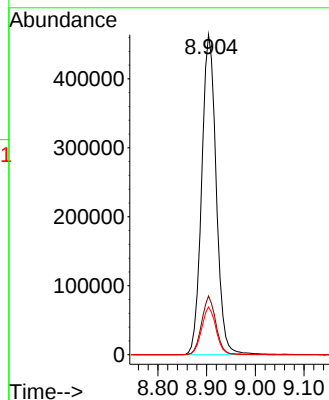
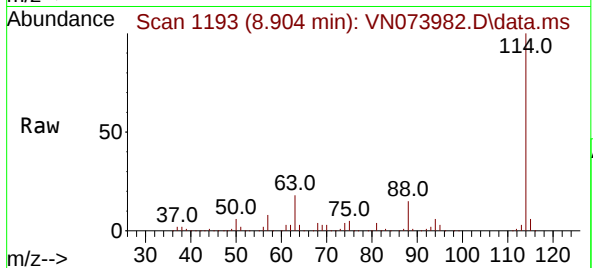
Tgt Ion:114 Resp: 960708

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.835 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073982.D

Acq: 17 Aug 2022 17:36

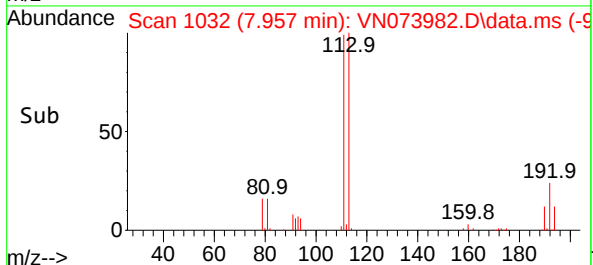
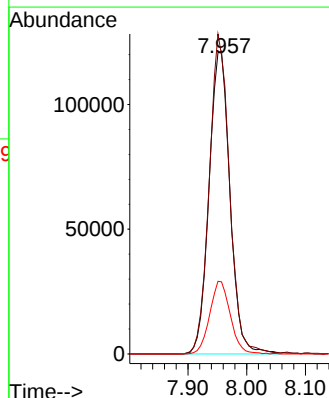
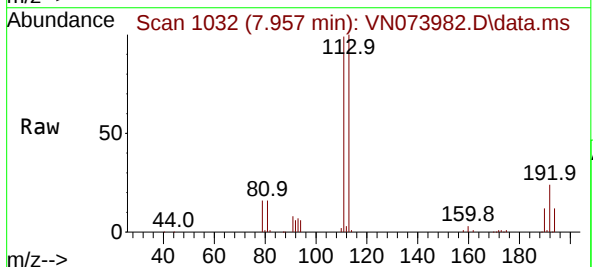
Tgt Ion:113 Resp: 300182

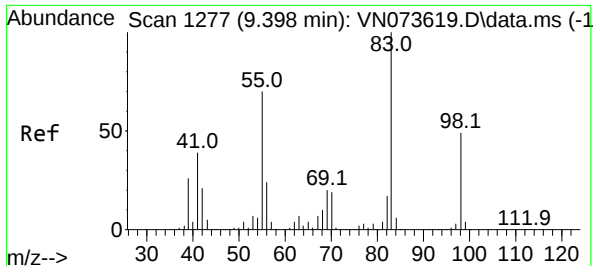
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 23.6 17.0 25.6





#39

Methylcyclohexane

Concen: 1.208 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073982.D

Acq: 17 Aug 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-5

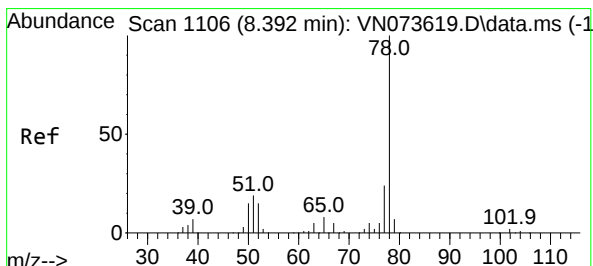
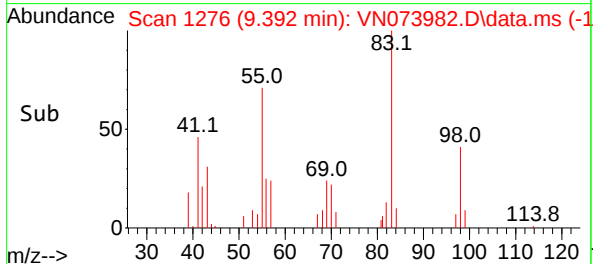
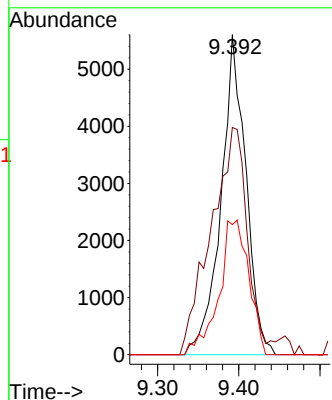
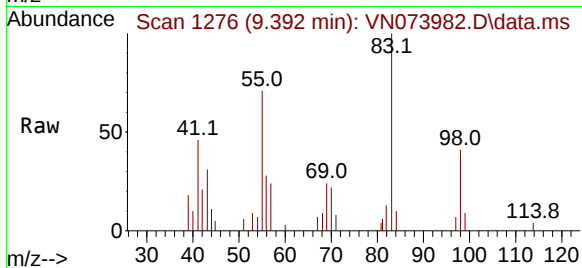
Tgt Ion: 83 Resp: 11947

Ion Ratio Lower Upper

83 100

55 71.0 57.8 86.8

98 40.6 39.4 59.2



#40

Benzene

Concen: 17.321 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073982.D

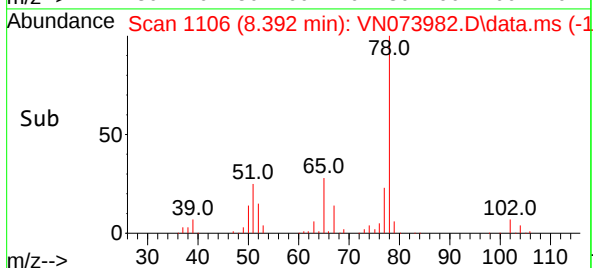
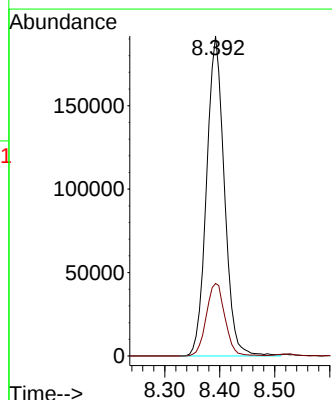
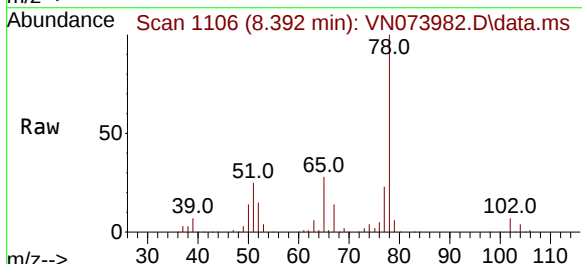
Acq: 17 Aug 2022 17:36

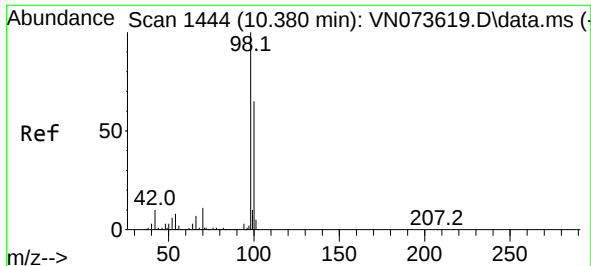
Tgt Ion: 78 Resp: 431416

Ion Ratio Lower Upper

78 100

77 22.6 19.4 29.0

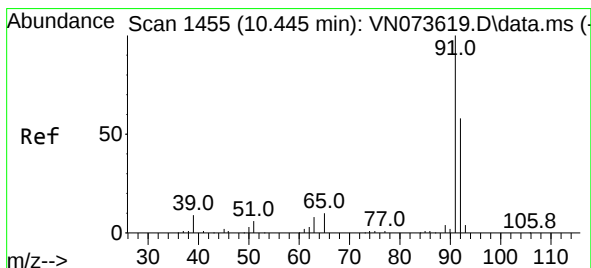
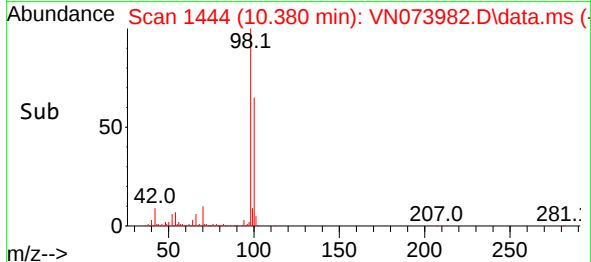
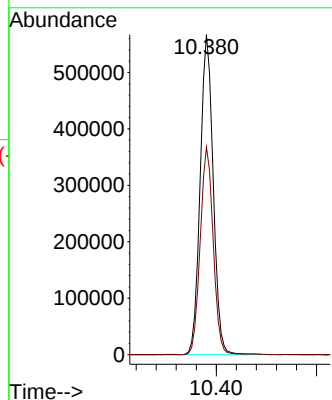
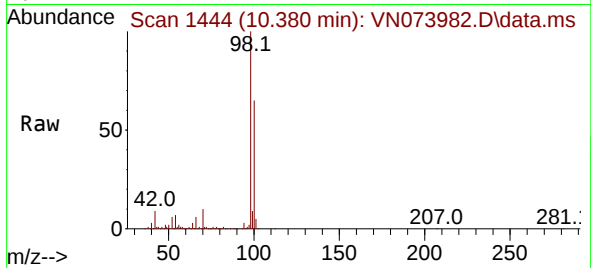




#50
Toluene-d8
Concen: 46.377 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

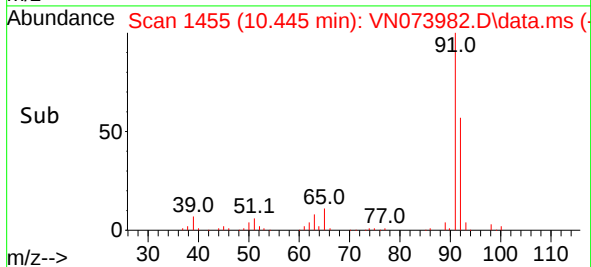
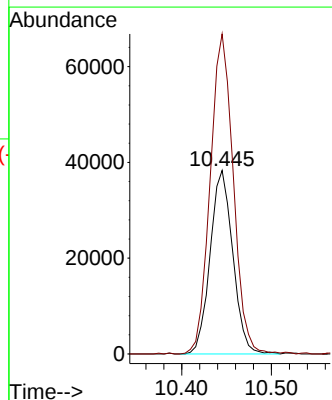
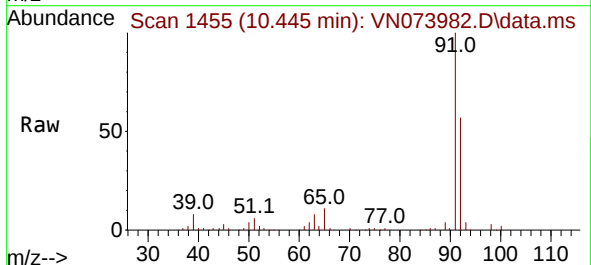
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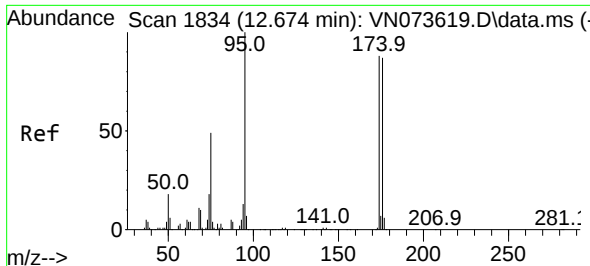
Tgt Ion: 98 Resp: 1020490
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#52
Toluene
Concen: 3.937 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 92 Resp: 67238
Ion Ratio Lower Upper
92 100
91 177.9 138.6 207.8

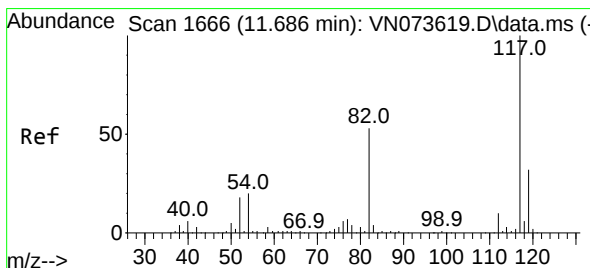
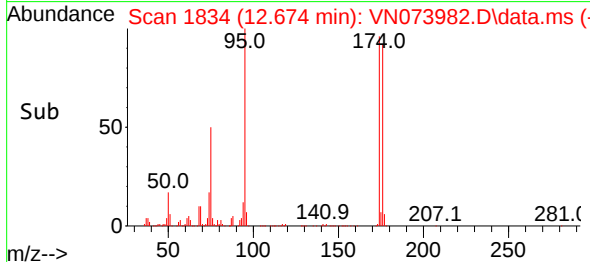
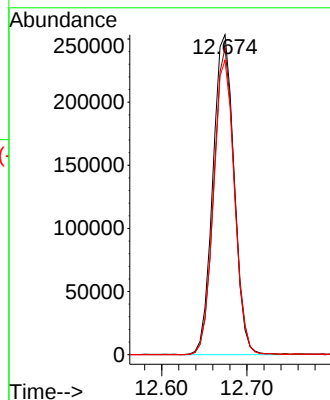
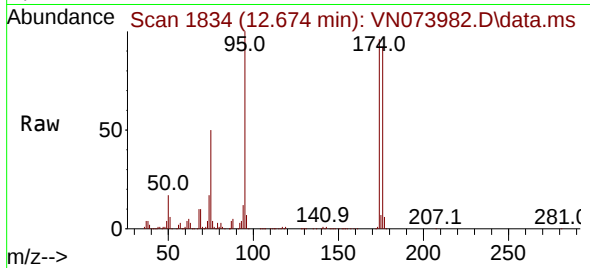




#62
4-Bromofluorobenzene
Concen: 59.885 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

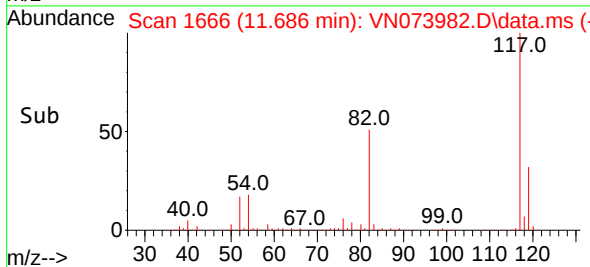
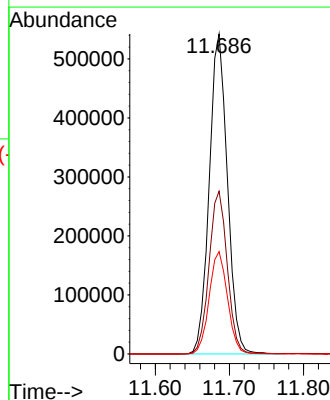
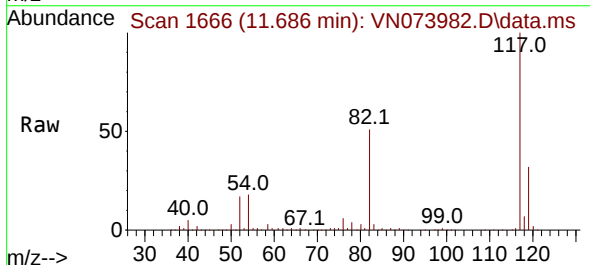
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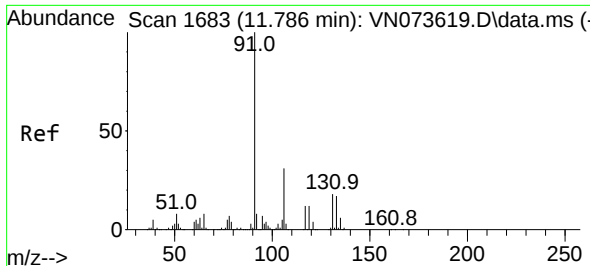
Tgt Ion: 95 Resp: 437327
Ion Ratio Lower Upper
95 100
174 93.6 0.0 167.6
176 90.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 117 Resp: 922332
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 32.0 25.4 38.0

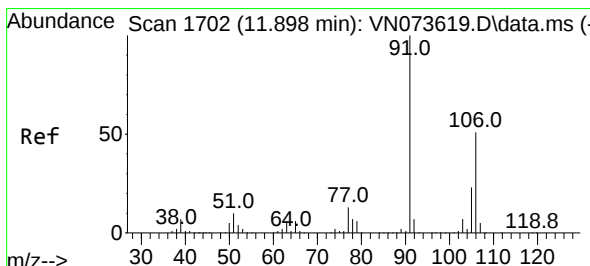
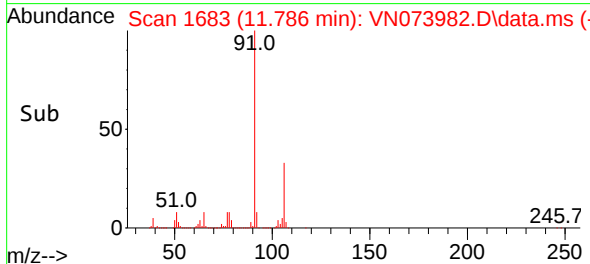
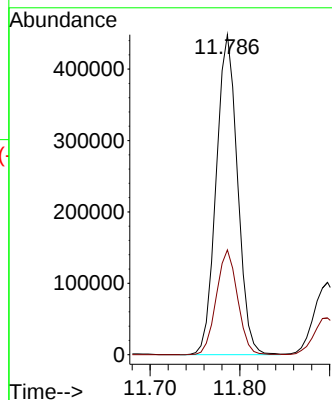
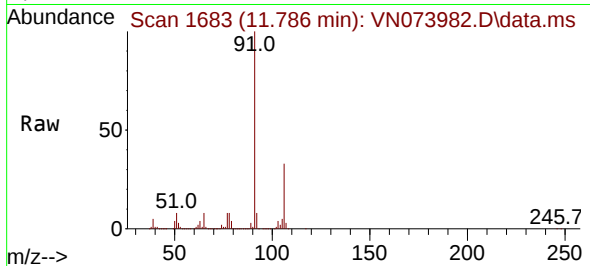




#67
Ethyl Benzene
Concen: 22.704 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

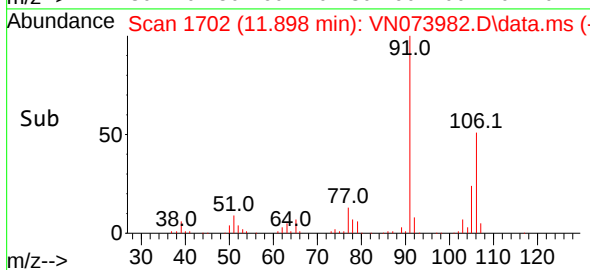
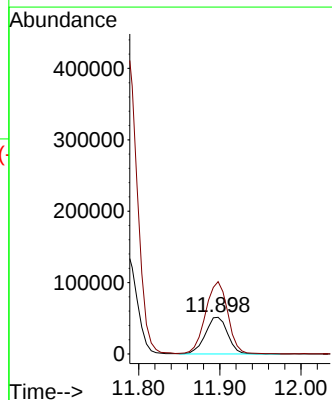
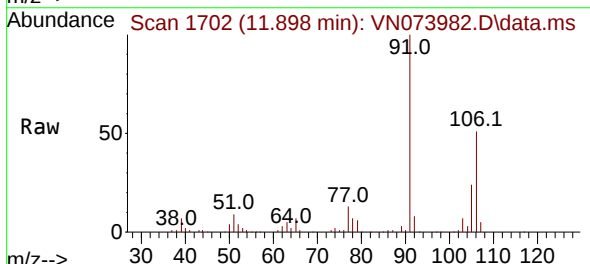
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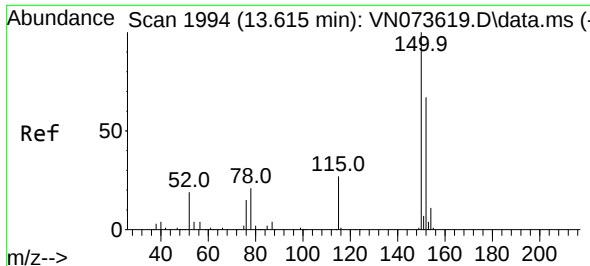
Tgt Ion: 91 Resp: 740132
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 7.406 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion:106 Resp: 98093
Ion Ratio Lower Upper
106 100
91 196.7 158.9 238.3

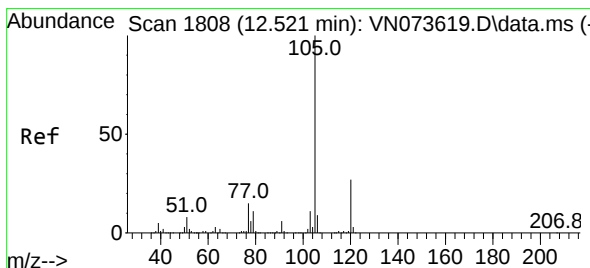
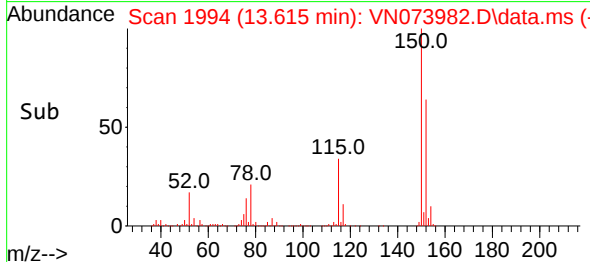
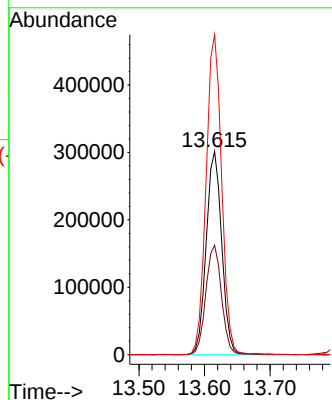
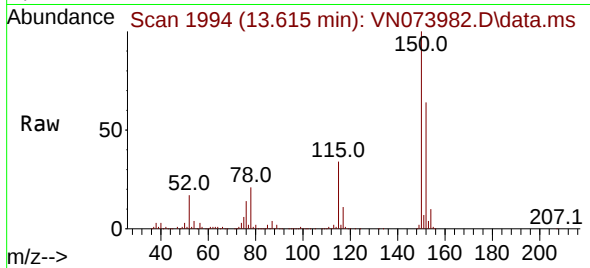




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

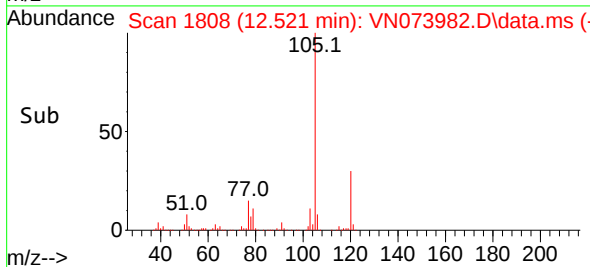
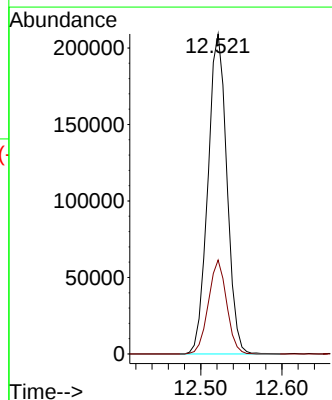
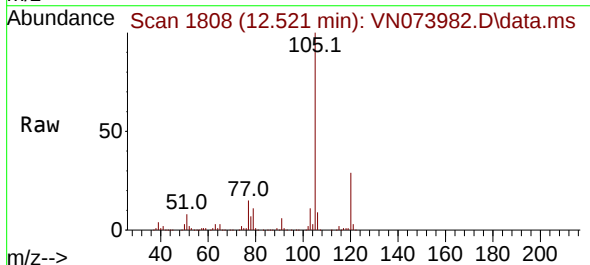
Instrument :
MSVOA_N
ClientSampleId :
MW-5

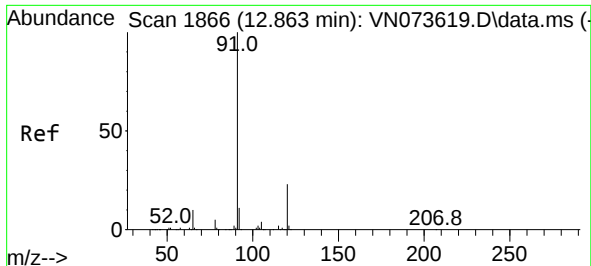
Tgt Ion:152 Resp: 497168
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.7
150 157.9 0.0 356.2



#73
Isopropylbenzene
Concen: 9.372 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion:105 Resp: 339298
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4

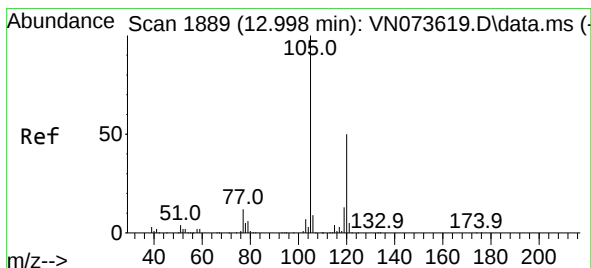
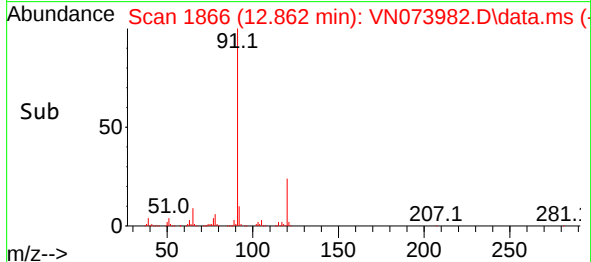
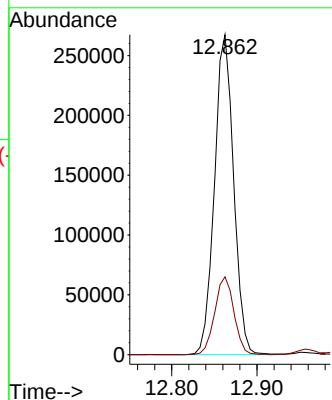
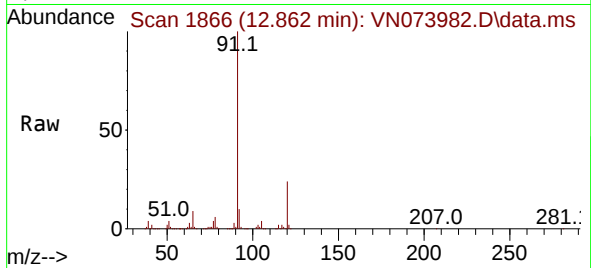




#78
n-propylbenzene
Concen: 10.831 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

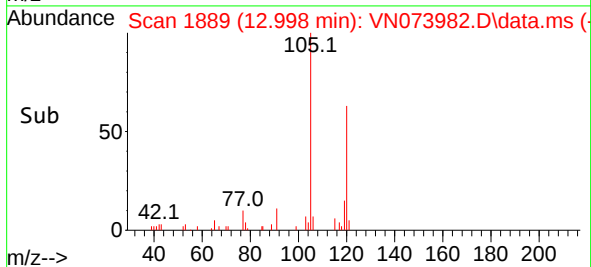
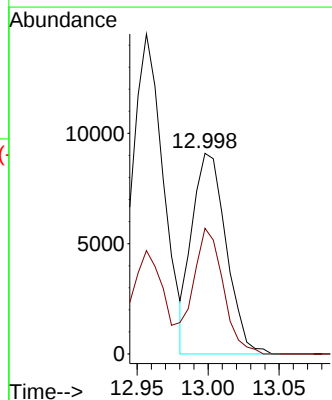
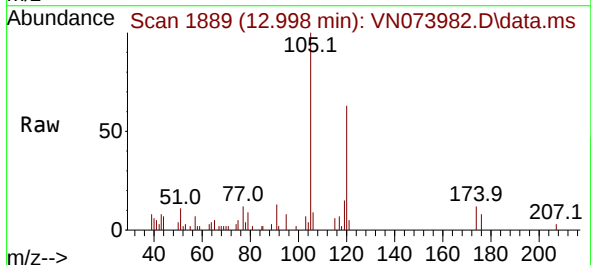
Instrument :
MSVOA_N
ClientSampleId :
MW-5

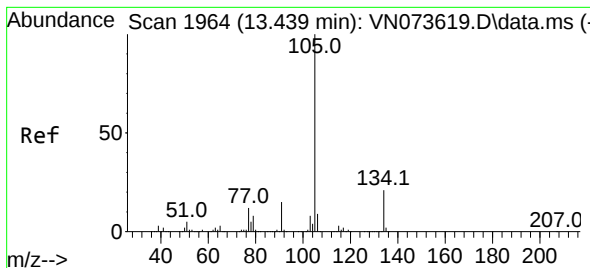
Tgt Ion: 91 Resp: 417952
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 0.515 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073982.D
Acq: 17 Aug 2022 17:36

Tgt Ion:105 Resp: 15159
Ion Ratio Lower Upper
105 100
120 57.0 24.9 74.7





#85

sec-Butylbenzene

Concen: 0.460 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073982.D

Acq: 17 Aug 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

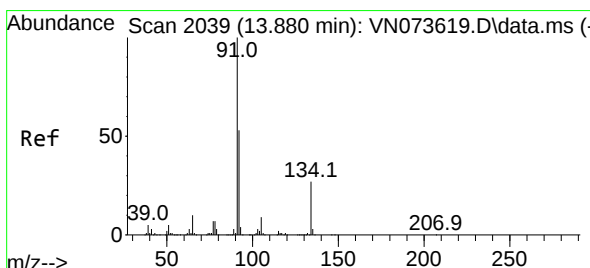
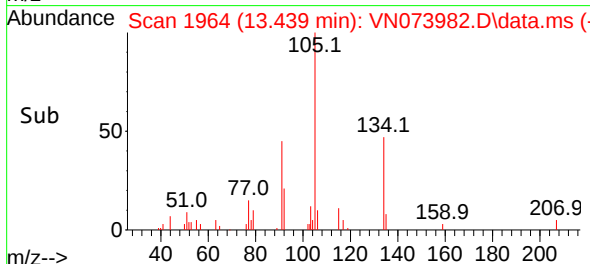
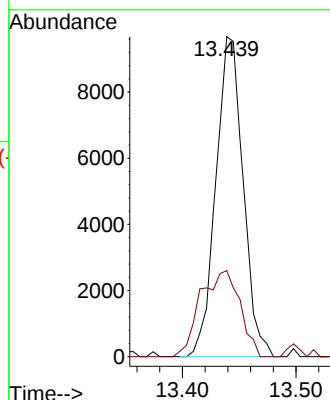
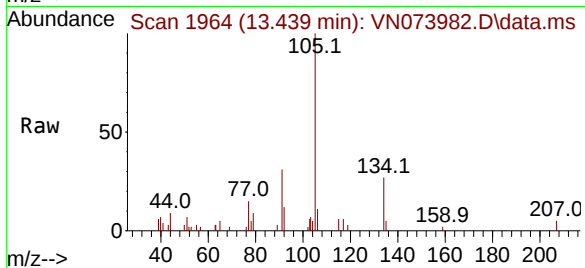
MW-5

Tgt Ion:105 Resp: 16143

Ion Ratio Lower Upper

105 100

134 39.0 10.4 31.1#



#89

n-Butylbenzene

Concen: 0.634 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073982.D

Acq: 17 Aug 2022 17:36

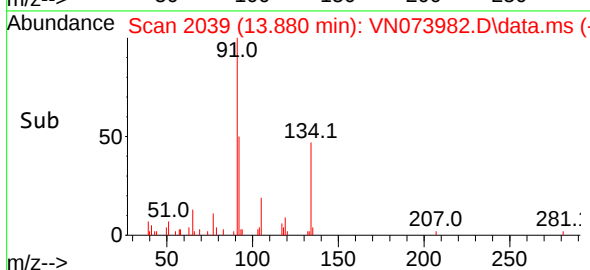
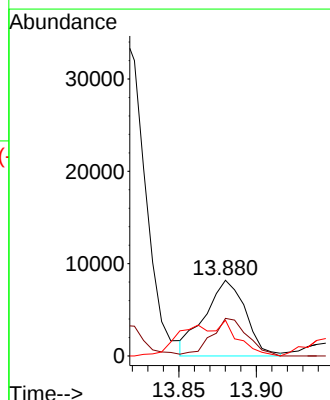
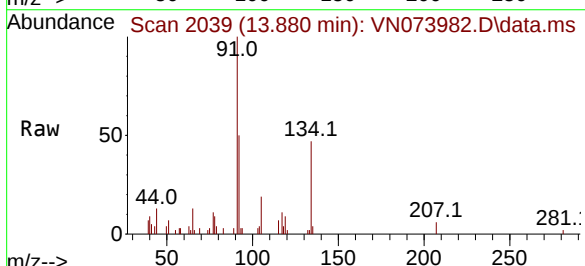
Tgt Ion: 91 Resp: 15024

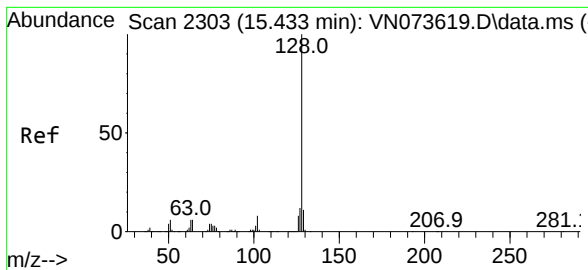
Ion Ratio Lower Upper

91 100

92 43.5 26.9 80.7

134 59.7 13.6 40.8#





#95
 Naphthalene
 Concen: 1.881 ug/l
 RT: 15.439 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073982.D
 Acq: 17 Aug 2022 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tgt Ion:128	Resp:	65494
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.3 15.5
129	12.1	8.6 13.0

