

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073053.D
 Acq On : 23 Jun 2022 17:04
 Operator : JC\MD
 Sample : N3381-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Jun 24 01:19:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

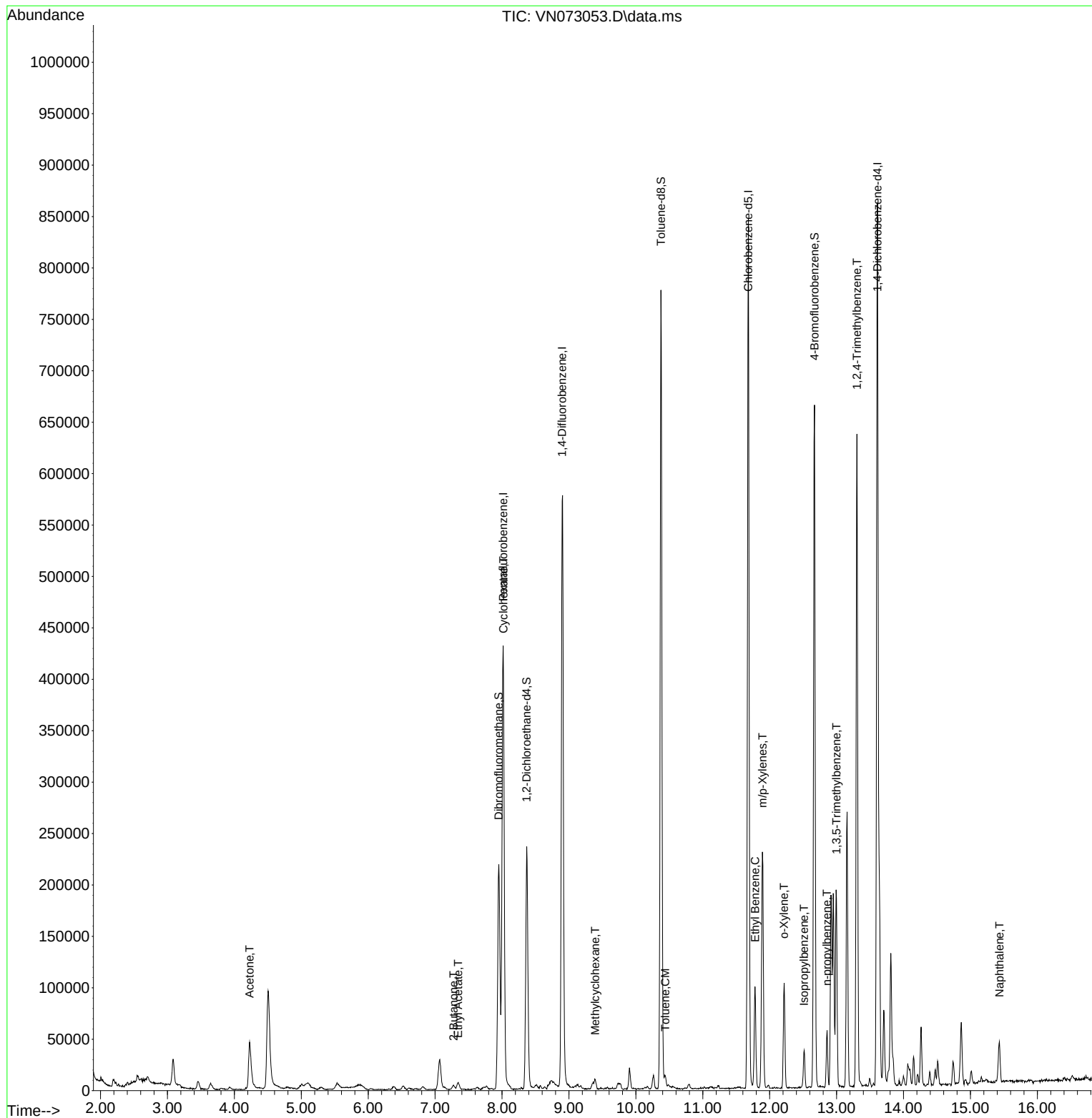
Internal Standards						
1) Pentafluorobenzene	8.016	168	320026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	518687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	467039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	230216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195681	45.227	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.460%			
35) Dibromofluoromethane	7.951	113	163499	50.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	10.375	98	532052	44.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.200%			
62) 4-Bromofluorobenzene	12.669	95	234837	54.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.480%			
Target Compounds					Qvalue	
16) Acetone	4.228	43	85580	35.983	ug/l	99
25) 2-Butanone	7.275	43	7028	1.862	ug/l #	76
31) Cyclohexane	8.022	56	17405	2.974	ug/l #	74
37) Ethyl Acetate	7.345	43	11130	1.604	ug/l	98
39) Methylcyclohexane	9.392	83	3735	0.714	ug/l	91
52) Toluene	10.439	92	4221	0.504	ug/l	96
67) Ethyl Benzene	11.780	91	68922	4.293	ug/l	98
68) m/p-Xylenes	11.892	106	73814	11.721	ug/l	95
69) o-Xylene	12.216	106	26905	4.276	ug/l	94
73) Isopropylbenzene	12.516	105	24591	1.381	ug/l	98
78) n-propylbenzene	12.857	91	41155	2.101	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	100250	6.853	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	360285	24.726	ug/l	98
95) Naphthalene	15.433	128	35354	1.988	ug/l	99

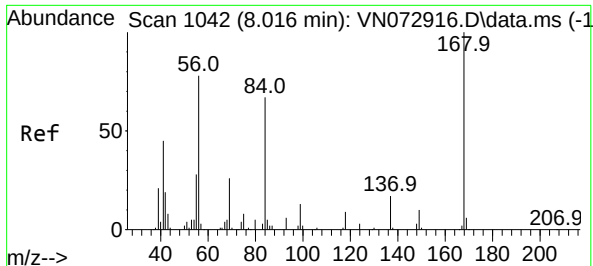
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
Data File : VN073053.D
Acq On : 23 Jun 2022 17:04
Operator : JC\MD
Sample : N3381-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Quant Time: Jun 24 01:19:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

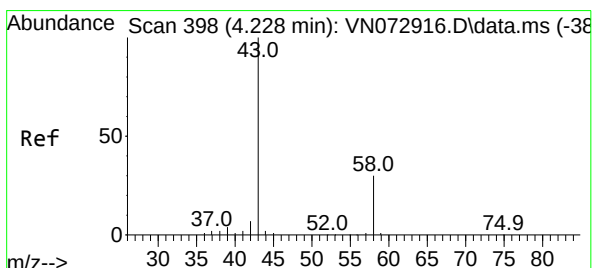
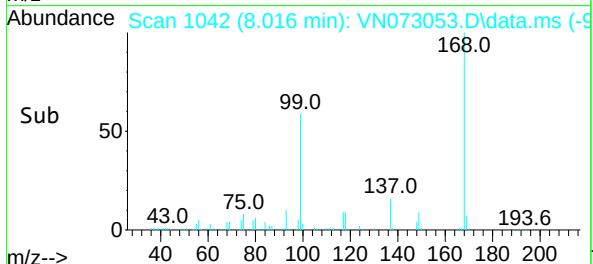
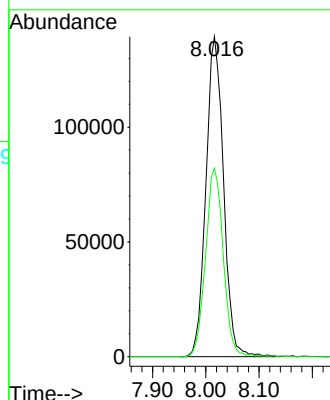
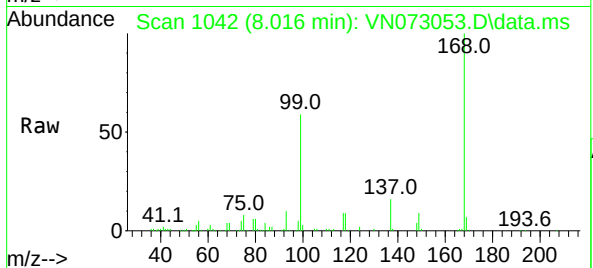




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

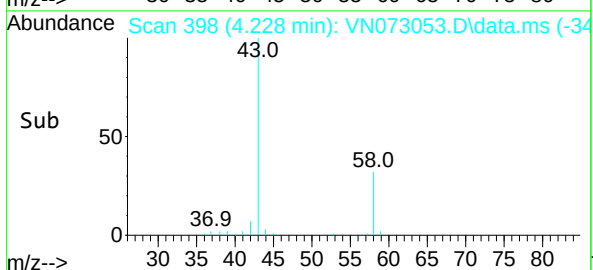
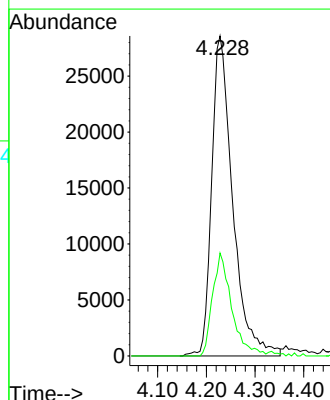
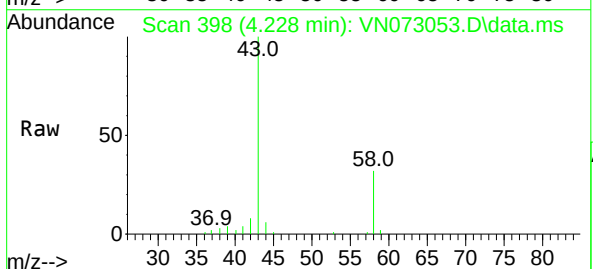
Instrument :
MSVOA_N
ClientSampleId :
MW-26

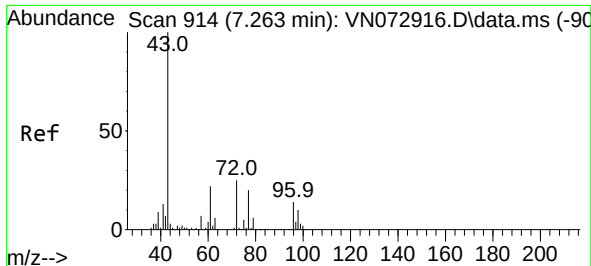
Tgt Ion:168 Resp: 320026
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#16
Acetone
Concen: 35.983 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

Tgt Ion: 43 Resp: 85580
Ion Ratio Lower Upper
43 100
58 32.2 26.0 39.0

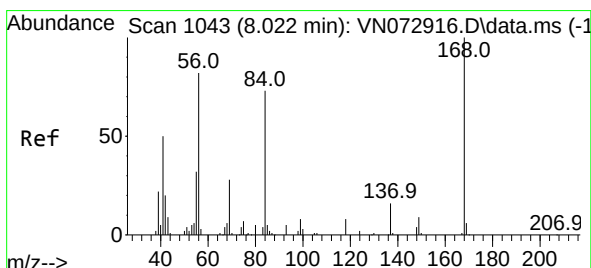
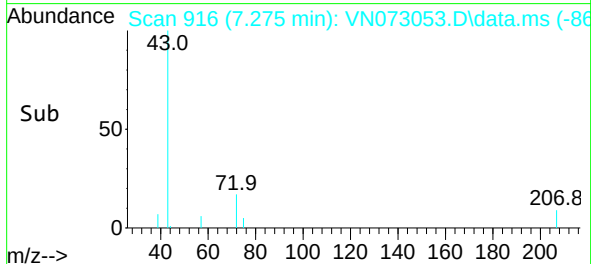
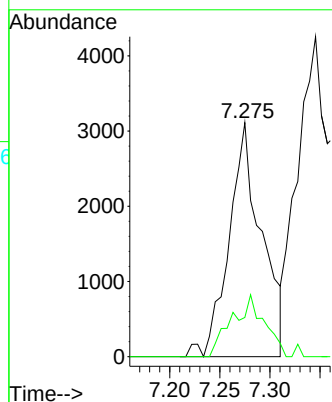
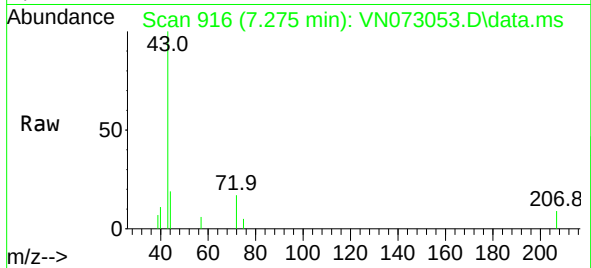




#25
2-Butanone
Concen: 1.862 ug/l
RT: 7.275 min Scan# 914
Delta R.T. 0.012 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

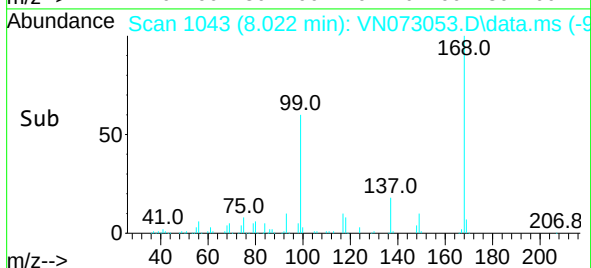
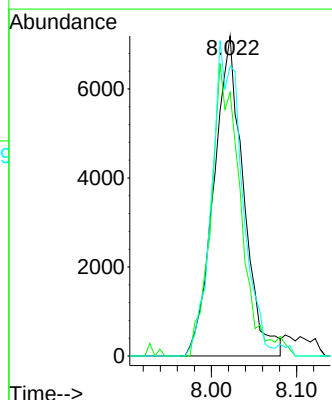
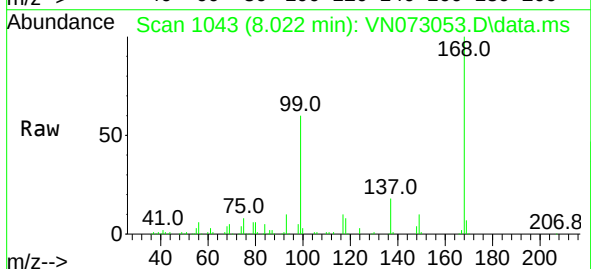
Instrument :
MSVOA_N
ClientSampleId :
MW-26

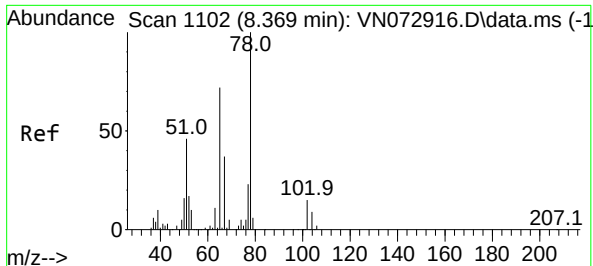
Tgt Ion: 43 Resp: 7028
Ion Ratio Lower Upper
43 100
72 16.7 23.7 35.5#



#31
Cyclohexane
Concen: 2.974 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

Tgt Ion: 56 Resp: 17405
Ion Ratio Lower Upper
56 100
69 82.4 27.8 41.8#
84 90.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 45.227 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

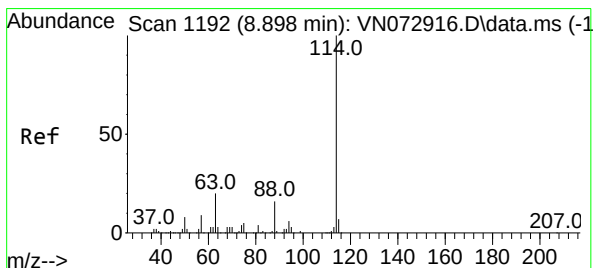
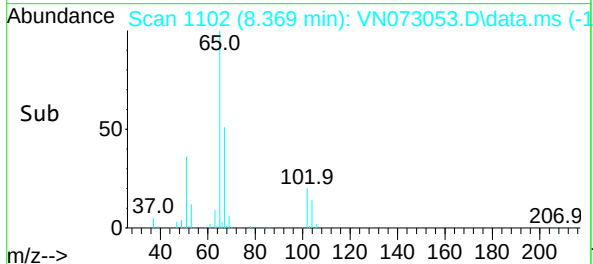
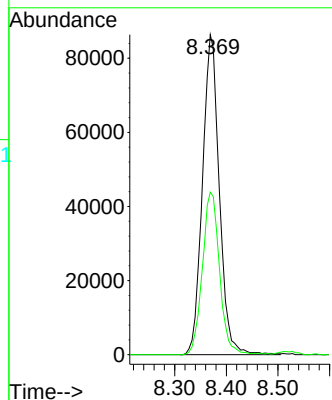
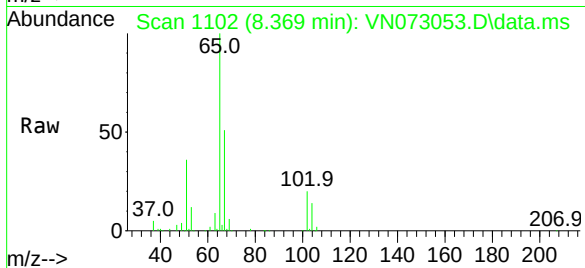
MW-26

Tgt Ion: 65 Resp: 195681

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

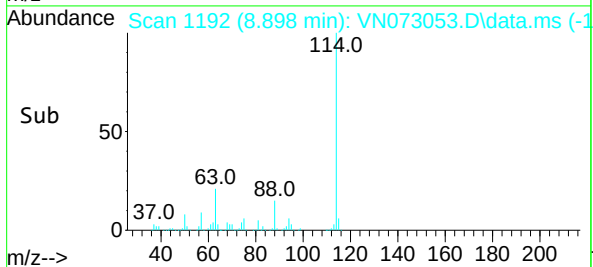
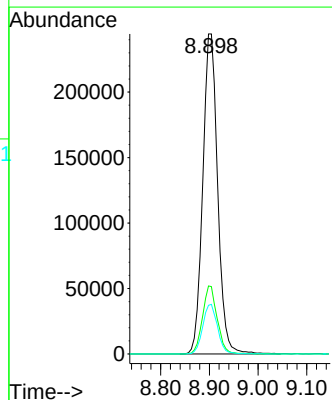
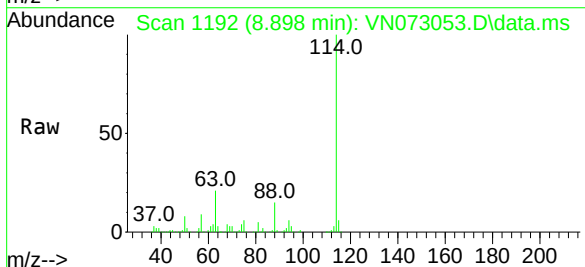
Tgt Ion: 114 Resp: 518687

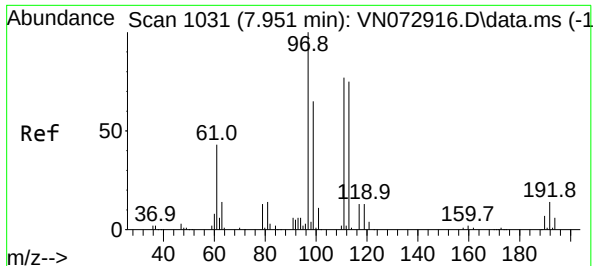
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.998 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

MW-26

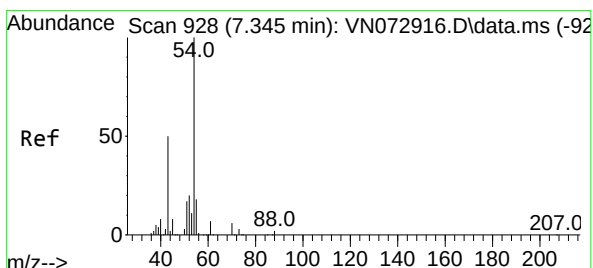
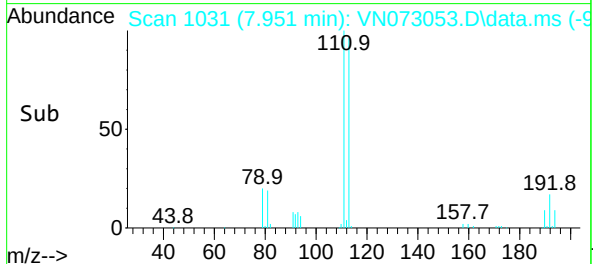
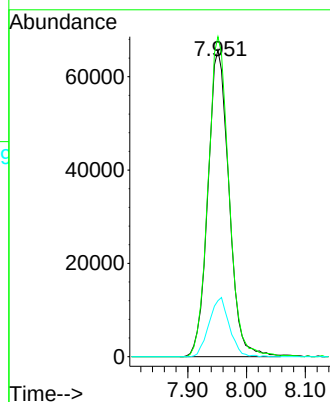
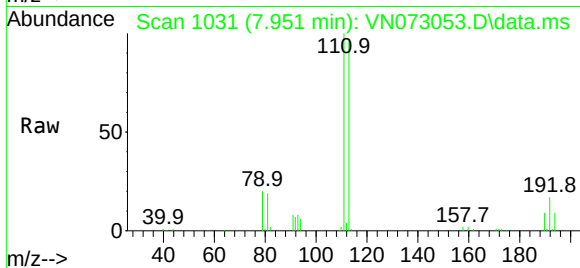
Tgt Ion:113 Resp: 163499

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.5 17.0 25.6



#37

Ethyl Acetate

Concen: 1.604 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

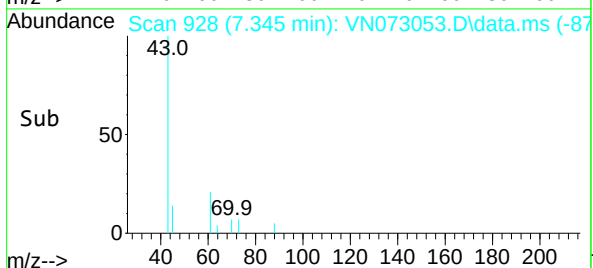
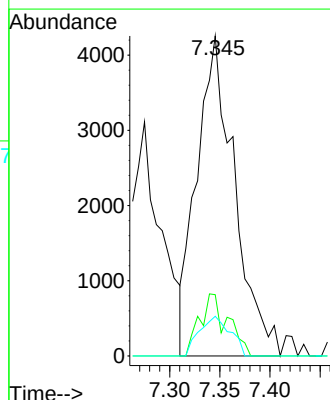
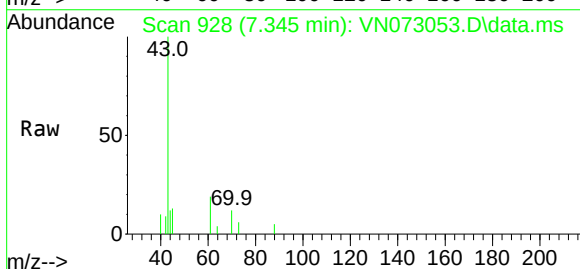
Tgt Ion: 43 Resp: 11130

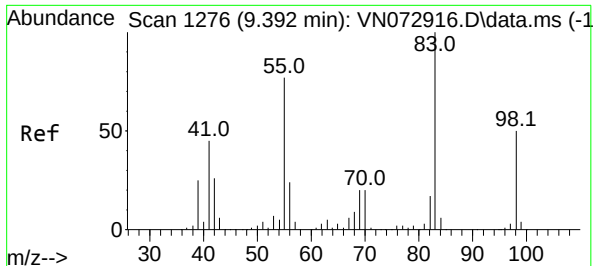
Ion Ratio Lower Upper

43 100

61 14.4 11.8 17.6

70 10.1 9.3 13.9





#39

Methylcyclohexane

Concen: 0.714 ug/l

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

MW-26

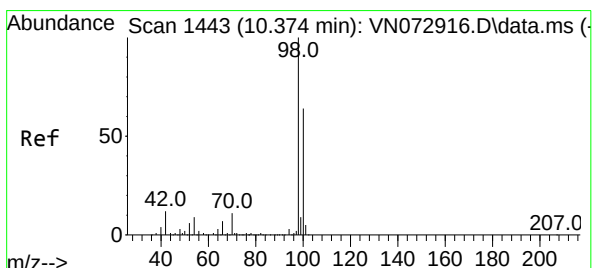
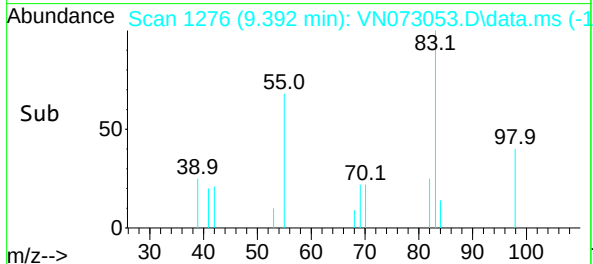
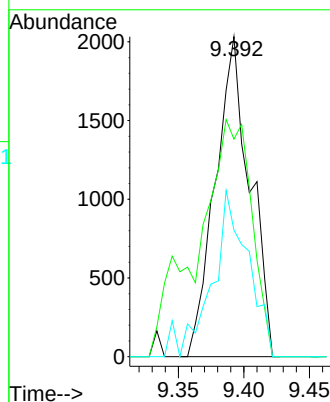
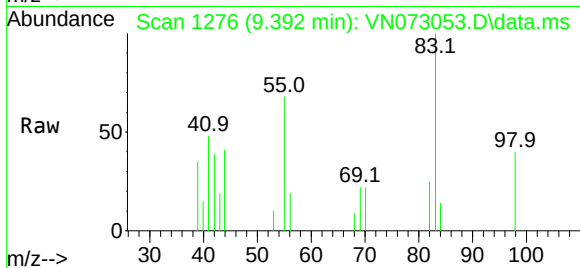
Tgt Ion: 83 Resp: 3735

Ion Ratio Lower Upper

83 100

55 68.0 57.8 86.8

98 39.5 39.4 59.2



#50

Toluene-d8

Concen: 44.600 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073053.D

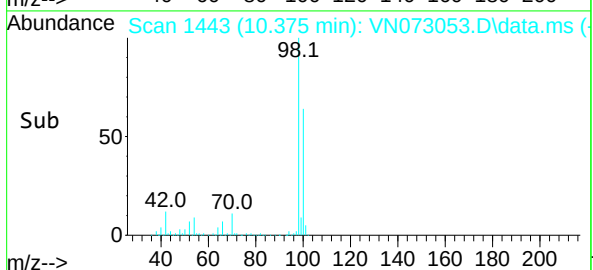
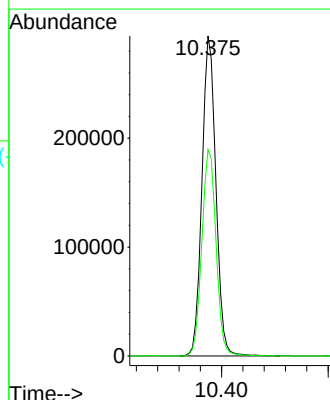
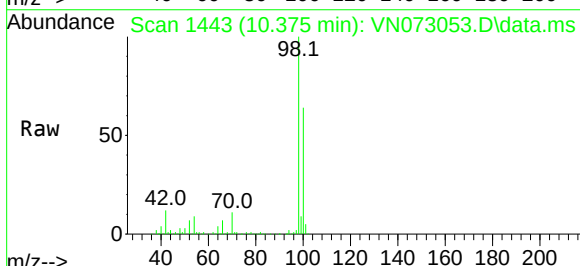
Acq: 23 Jun 2022 17:04

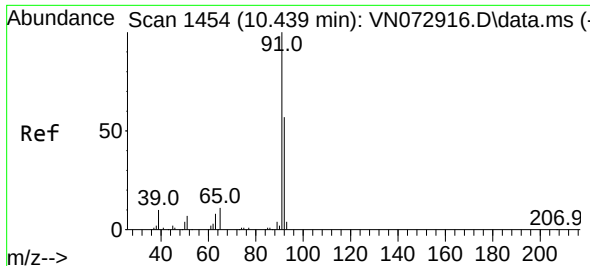
Tgt Ion: 98 Resp: 532052

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

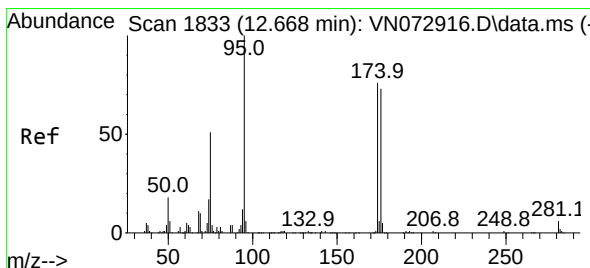
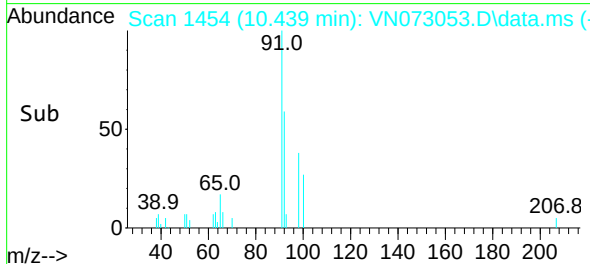
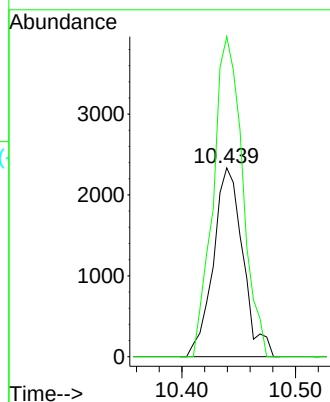
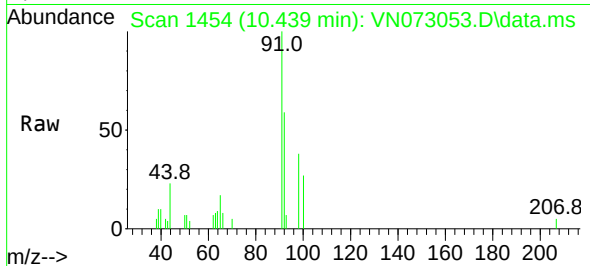




#52
Toluene
Concen: 0.504 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

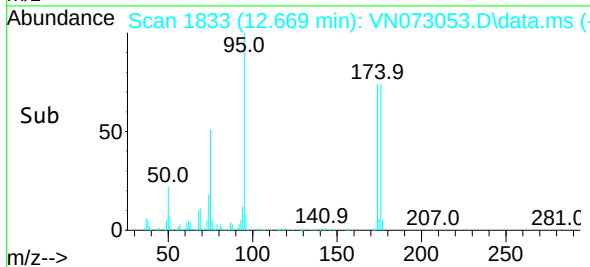
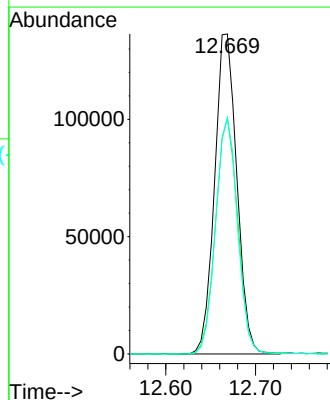
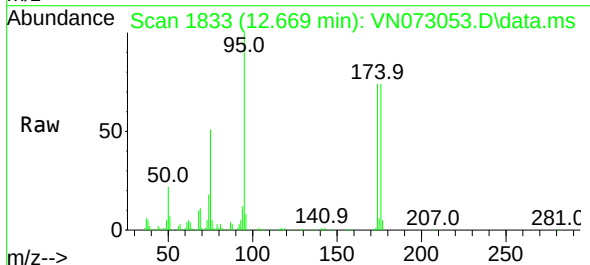
Instrument :
MSVOA_N
ClientSampleId :
MW-26

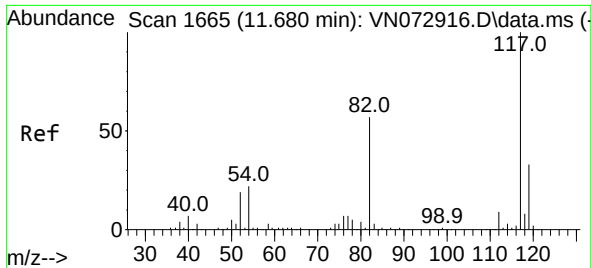
Tgt Ion: 92 Resp: 4221
Ion Ratio Lower Upper
92 100
91 168.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.745 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

Tgt Ion: 95 Resp: 234837
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 72.4 0.0 163.4

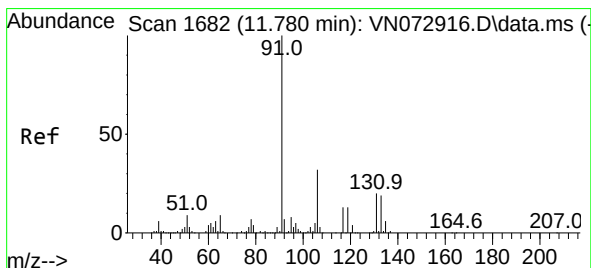
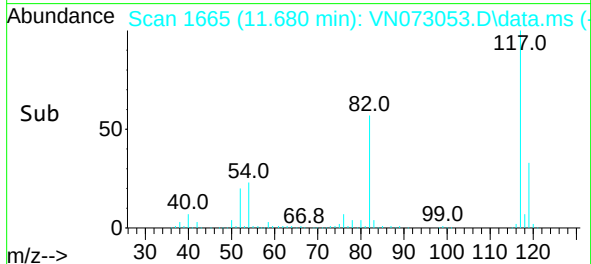
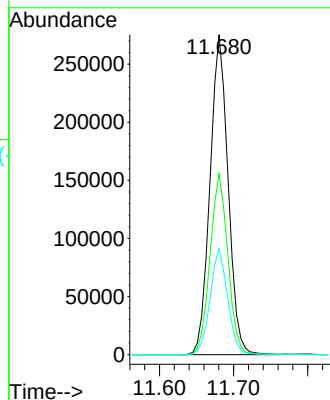
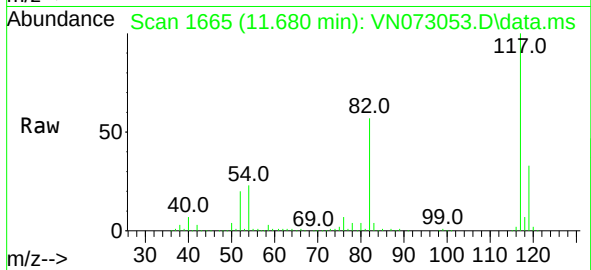




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

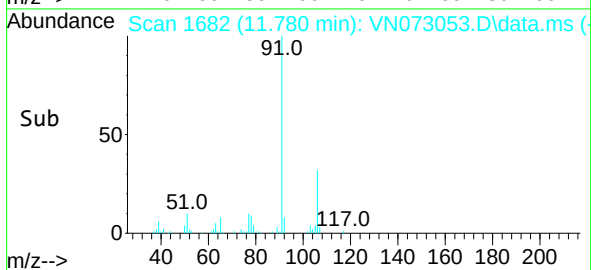
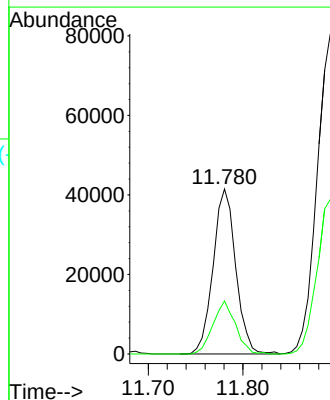
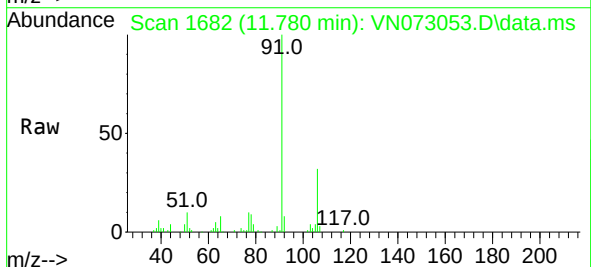
Instrument :
MSVOA_N
ClientSampleId :
MW-26

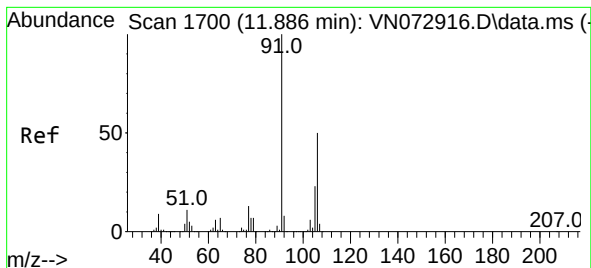
Tgt Ion:117 Resp: 467039
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 33.1 25.4 38.0



#67
Ethyl Benzene
Concen: 4.293 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

Tgt Ion: 91 Resp: 68922
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3





#68

m/p-Xylenes

Concen: 11.721 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

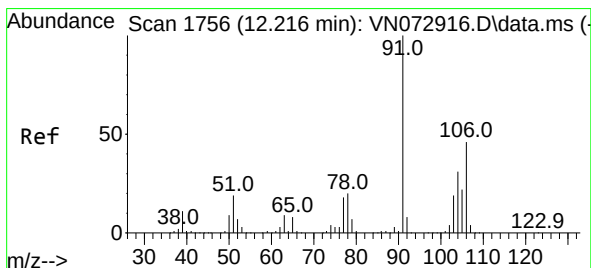
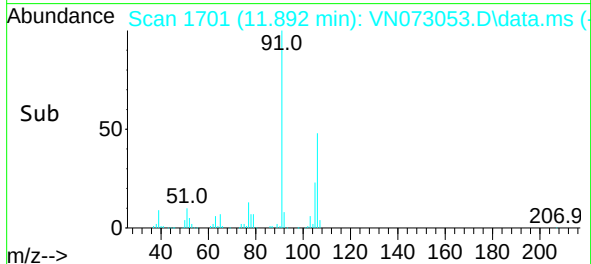
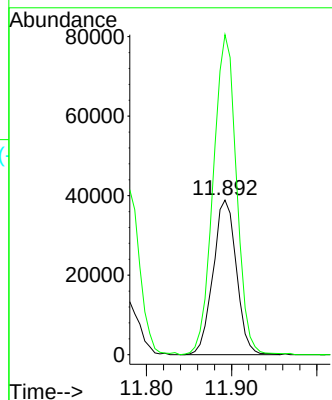
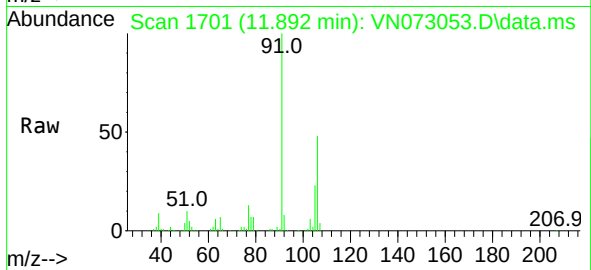
MW-26

Tgt Ion:106 Resp: 73814

Ion Ratio Lower Upper

106 100

91 206.8 158.9 238.3



#69

o-Xylene

Concen: 4.276 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VN073053.D

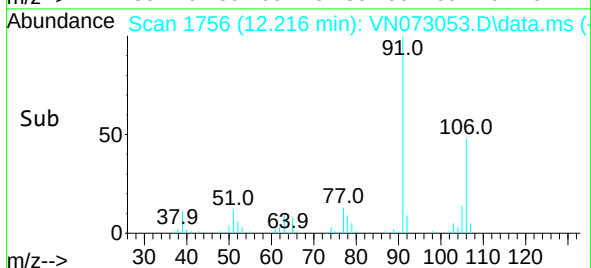
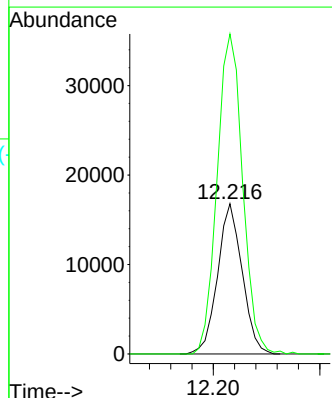
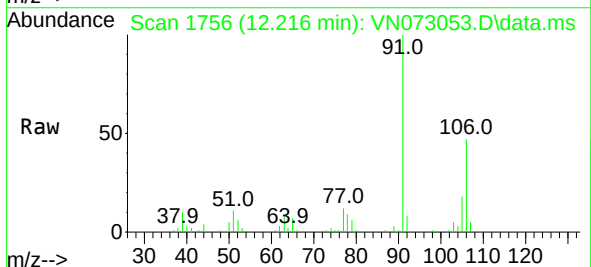
Acq: 23 Jun 2022 17:04

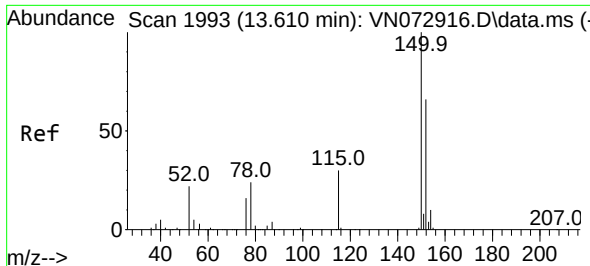
Tgt Ion:106 Resp: 26905

Ion Ratio Lower Upper

106 100

91 220.9 106.0 318.0

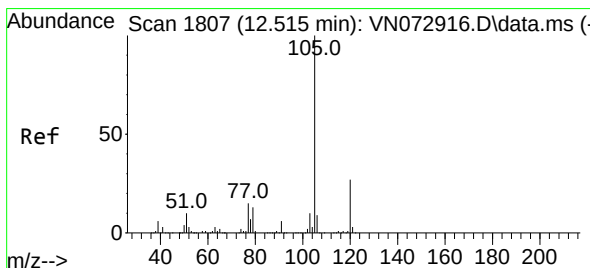
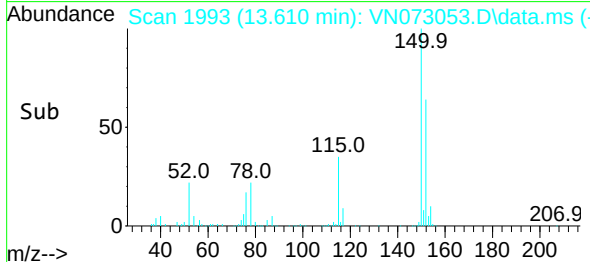
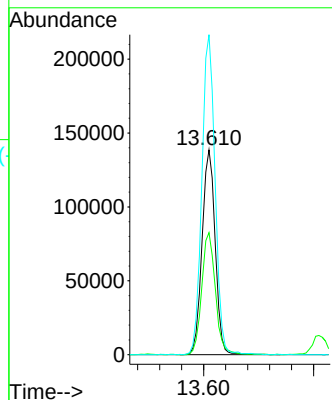
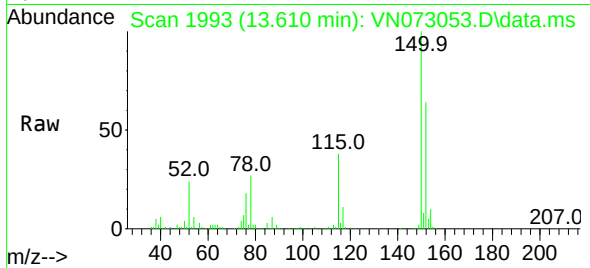




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

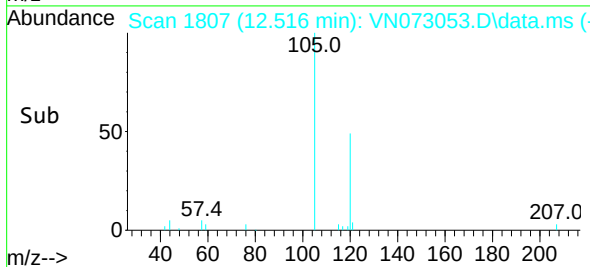
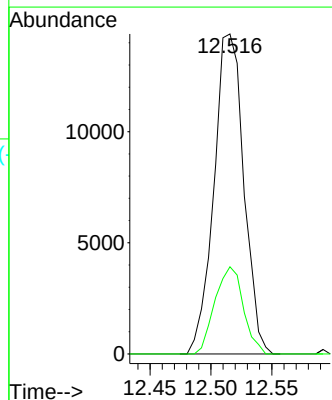
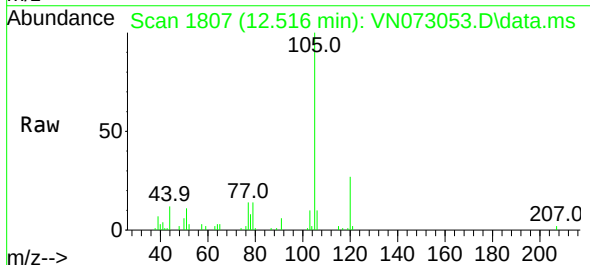
Instrument :
MSVOA_N
ClientSampleId :
MW-26

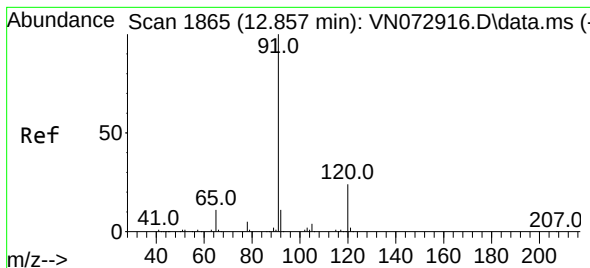
Tgt Ion:152 Resp: 230216
Ion Ratio Lower Upper
152 100
115 62.1 28.9 86.7
150 156.8 0.0 356.2



#73
Isopropylbenzene
Concen: 1.381 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073053.D
Acq: 23 Jun 2022 17:04

Tgt Ion:105 Resp: 24591
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4





#78

n-propylbenzene

Concen: 2.101 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

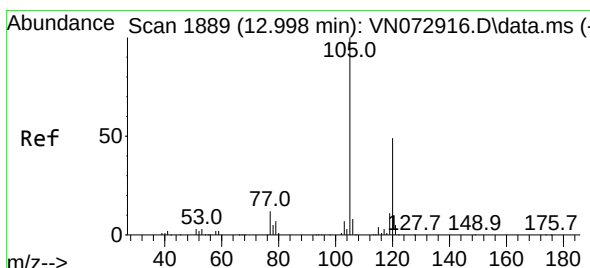
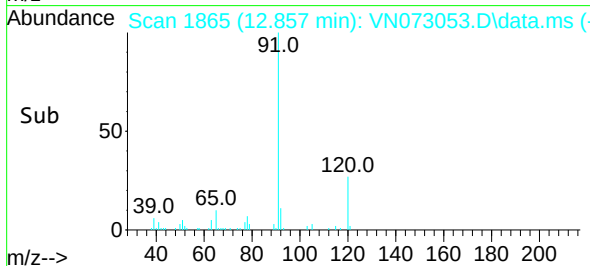
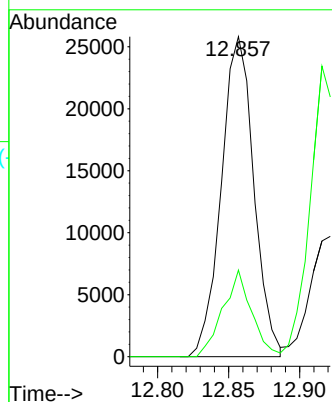
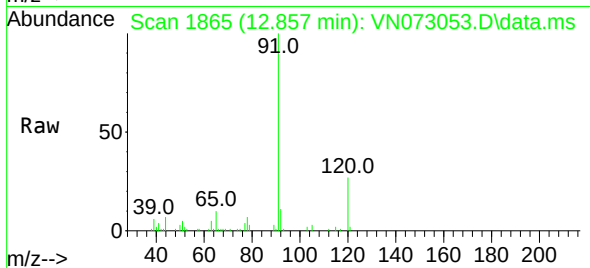
MW-26

Tgt Ion: 91 Resp: 41155

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 6.853 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073053.D

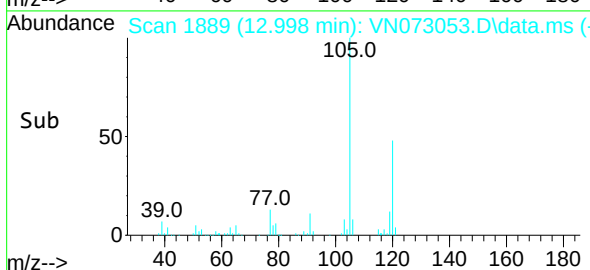
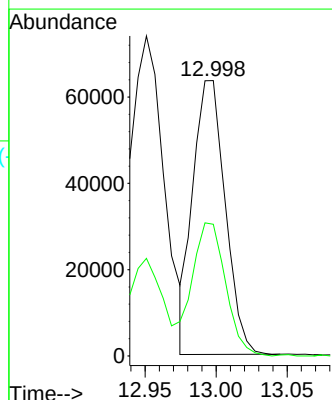
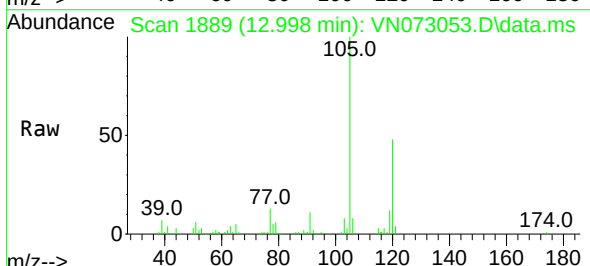
Acq: 23 Jun 2022 17:04

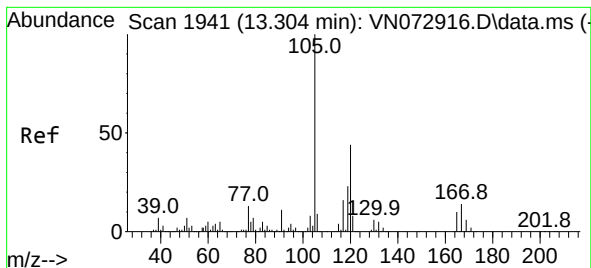
Tgt Ion: 105 Resp: 100250

Ion Ratio Lower Upper

105 100

120 51.9 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 24.726 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Instrument :

MSVOA_N

ClientSampleId :

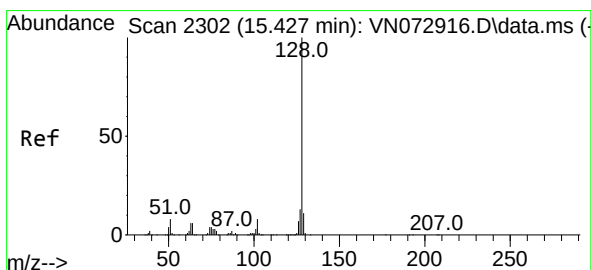
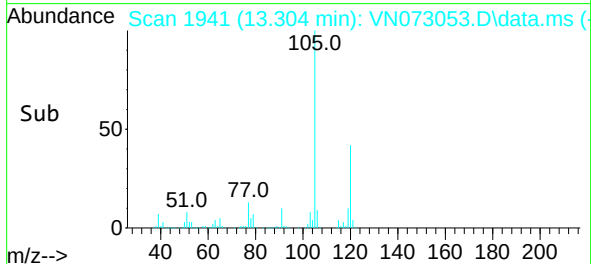
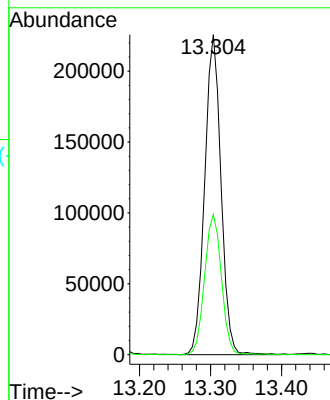
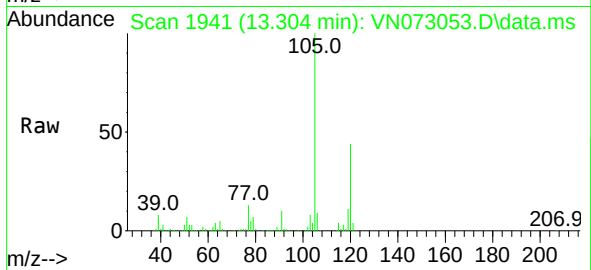
MW-26

Tgt Ion:105 Resp: 360285

Ion Ratio Lower Upper

105 100

120 45.3 23.3 69.8



#95

Naphthalene

Concen: 1.988 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073053.D

Acq: 23 Jun 2022 17:04

Tgt Ion:128 Resp: 35354

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.3 8.6 13.0

