

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072901.D
 Acq On : 17 Jun 2022 00:29
 Operator : JC\MD
 Sample : N3202-05 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-29

Quant Time: Jun 17 06:08:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

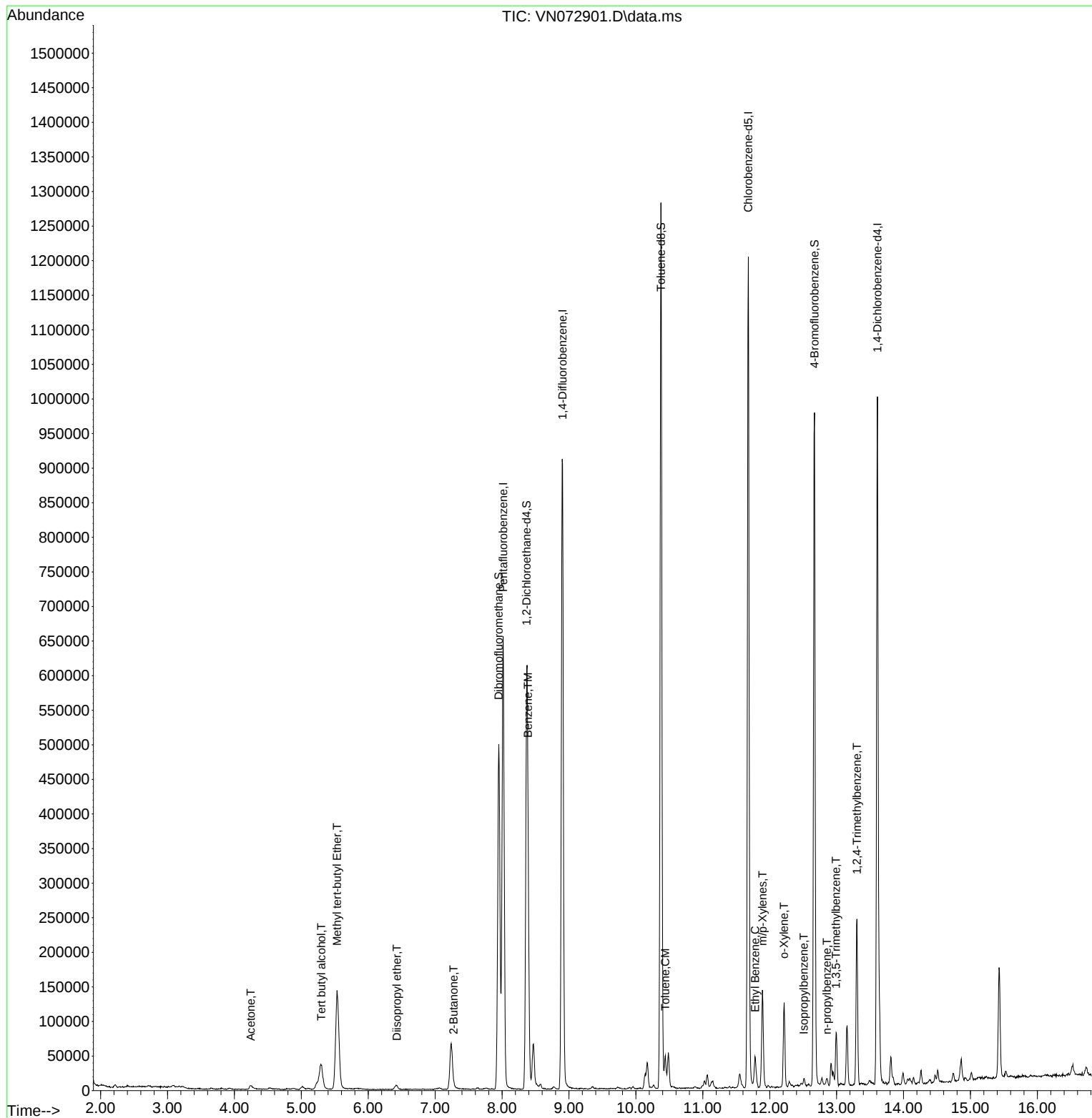
Internal Standards						
1) Pentafluorobenzene	8.016	168	506172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	846159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	694475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	274841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	455761	48.736	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.480%
35) Dibromofluoromethane	7.951	113	370633	48.221	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.440%
50) Toluene-d8	10.374	98	889523	29.566	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	59.140%#
62) 4-Bromofluorobenzene	12.668	95	348647	33.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	66.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.298	59	79285	32.562	ug/l	100
16) Acetone	4.245	43	12179	2.580	ug/l #	85
19) Methyl tert-butyl Ether	5.534	73	238808	9.247	ug/l	98
22) Diisopropyl ether	6.428	45	7784	0.294	ug/l #	93
25) 2-Butanone	7.275	43	8518	1.133	ug/l #	74
40) Benzene	8.386	78	171917	5.140	ug/l	97
52) Toluene	10.439	92	17020	0.786	ug/l	100
67) Ethyl Benzene	11.780	91	25524	0.789	ug/l	96
68) m/p-Xylenes	11.892	106	42923	3.457	ug/l	100
69) o-Xylene	12.216	106	33716	2.647	ug/l	93
73) Isopropylbenzene	12.510	105	7897	0.301	ug/l	98
78) n-propylbenzene	12.857	91	8665	0.317	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	38997	1.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	140111	6.938	ug/l	98

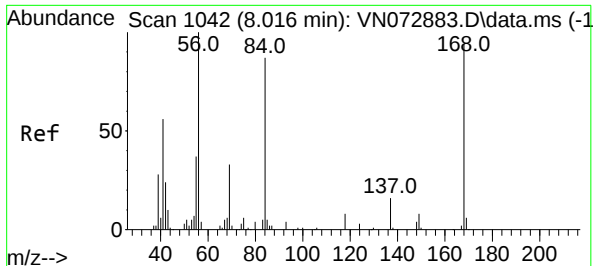
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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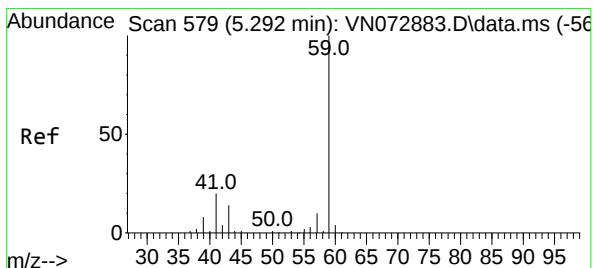
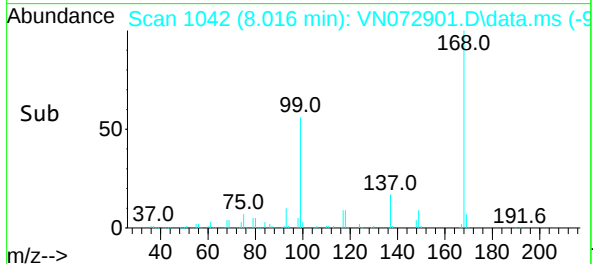
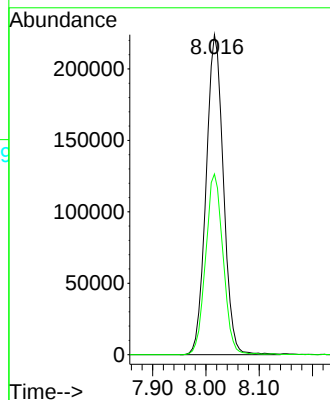
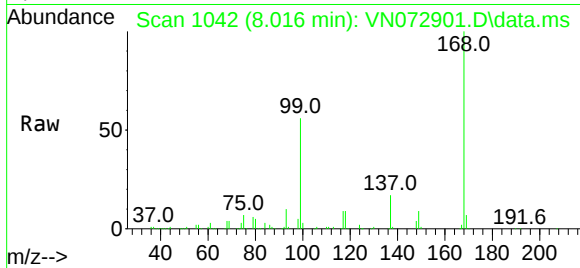




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

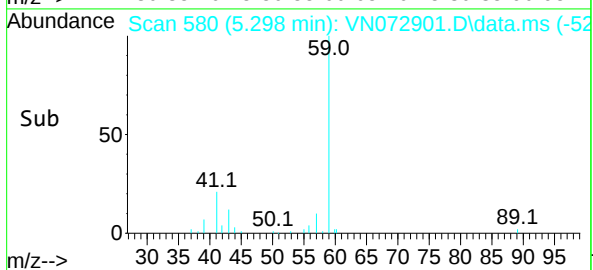
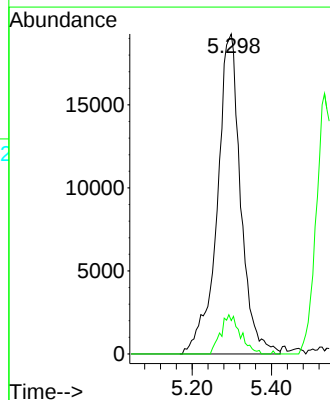
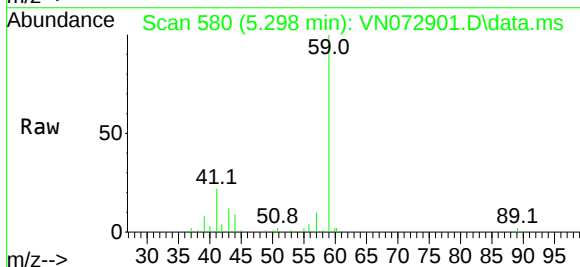
Instrument :
MSVOA_N
ClientSampleId :
MW-29

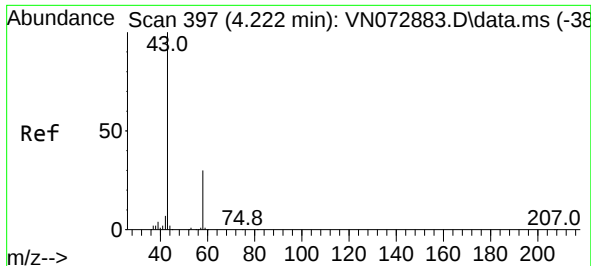
Tgt Ion:168 Resp: 506172
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 32.562 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion: 59 Resp: 79285
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

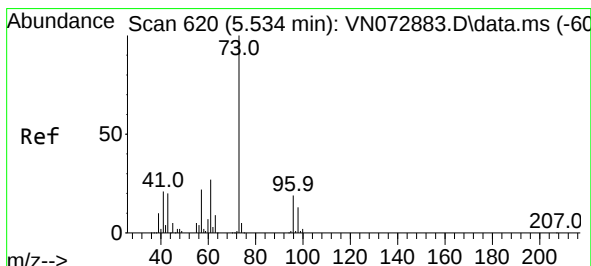
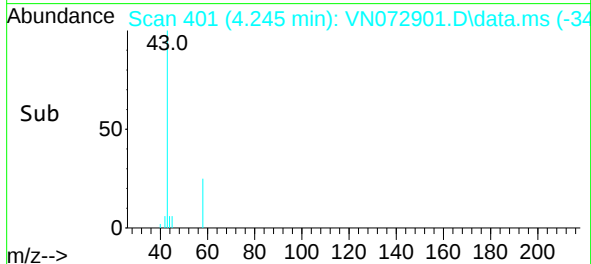
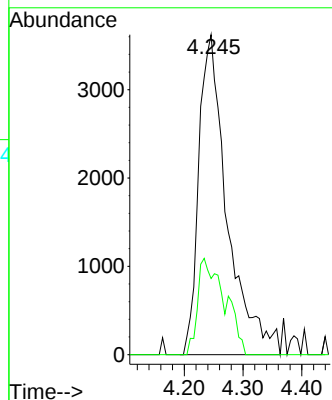
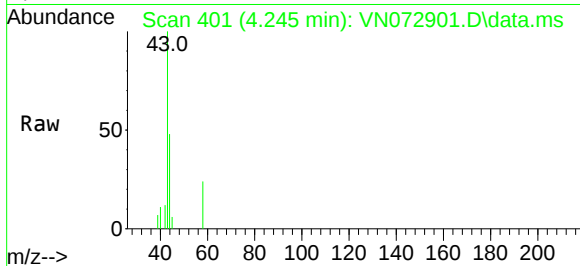




#16
Acetone
Concen: 2.580 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

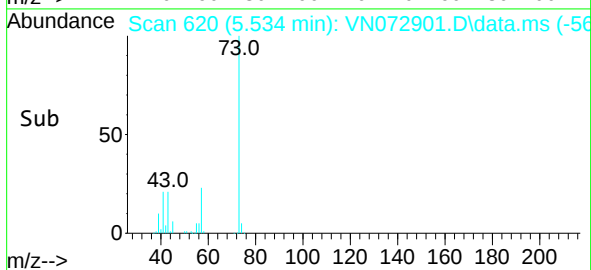
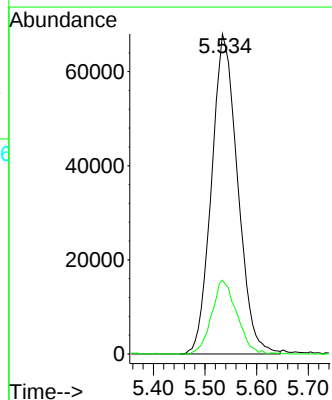
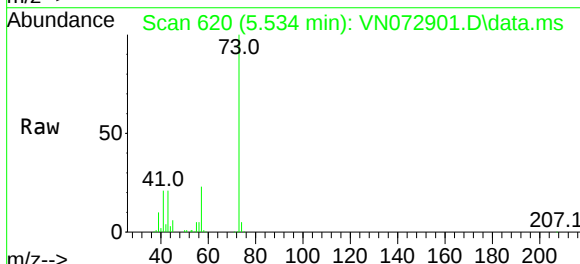
Instrument :
MSVOA_N
ClientSampleId :
MW-29

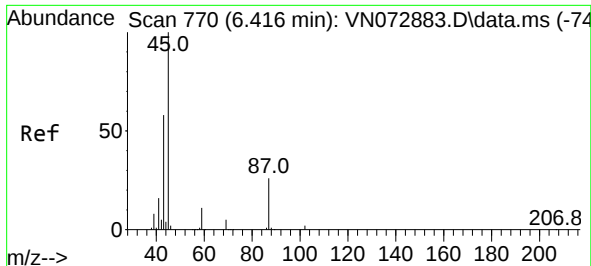
Tgt Ion: 43 Resp: 12179
Ion Ratio Lower Upper
43 100
58 23.8 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 9.247 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion: 73 Resp: 238808
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

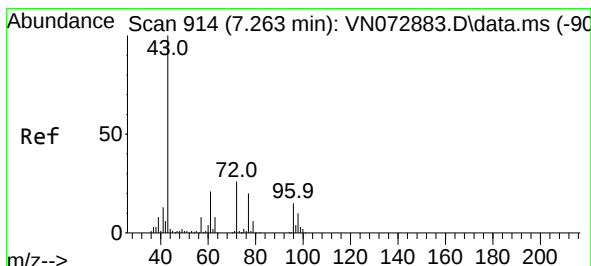
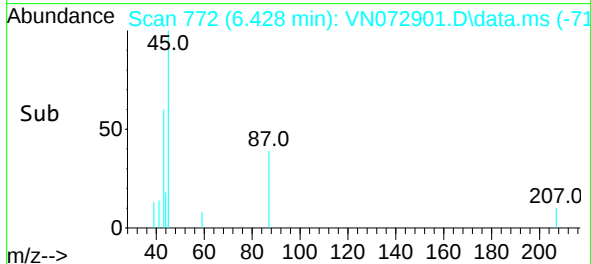
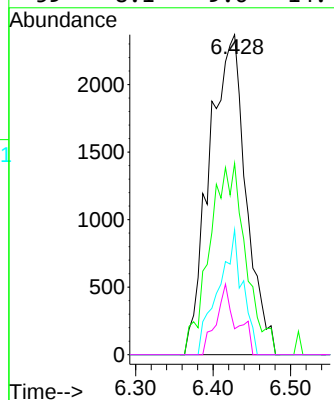
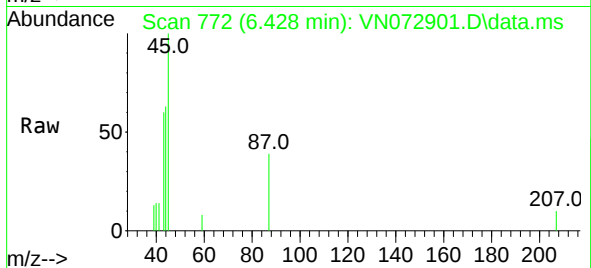




#22
Diisopropyl ether
Concen: 0.294 ug/l
RT: 6.428 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

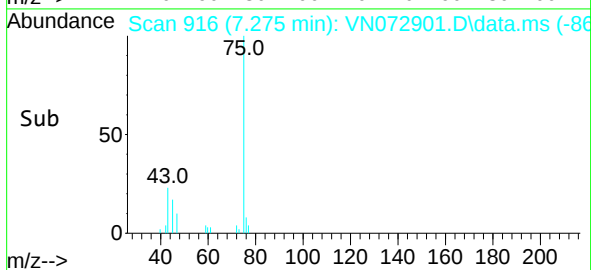
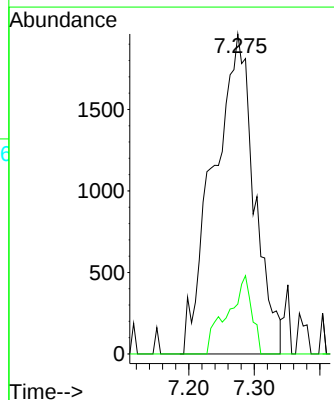
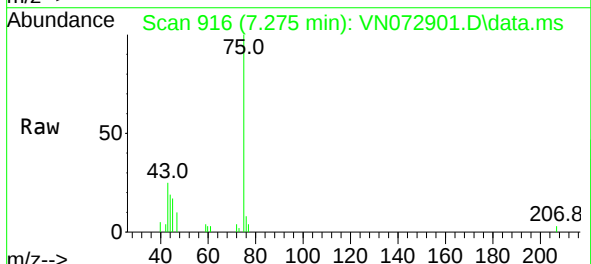
Instrument :
MSVOA_N
ClientSampleId :
MW-29

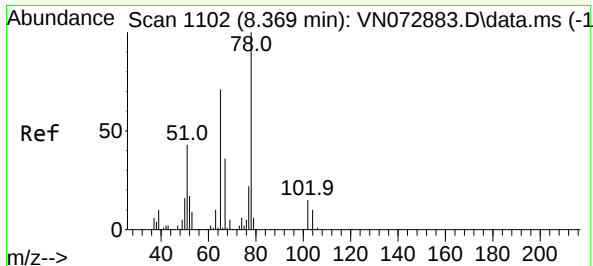
Tgt Ion:	45	Resp:	7784
Ion	Ratio	Lower	Upper
45	100		
43	59.8	46.6	70.0
87	39.0	24.3	36.5#
59	8.1	9.6	14.4#



#25
2-Butanone
Concen: 1.133 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion:	43	Resp:	8518
Ion	Ratio	Lower	Upper
43	100		
72	15.6	23.7	35.5#





#33

1,2-Dichloroethane-d4

Concen: 48.736 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072901.D

Acq: 17 Jun 2022 00:29

Instrument :

MSVOA_N

ClientSampleId :

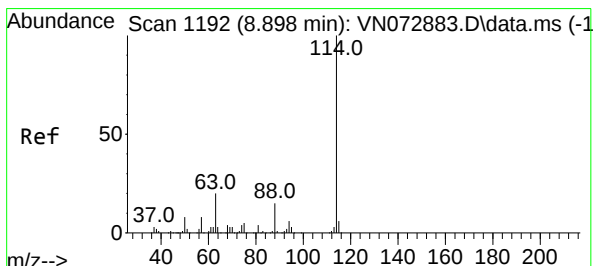
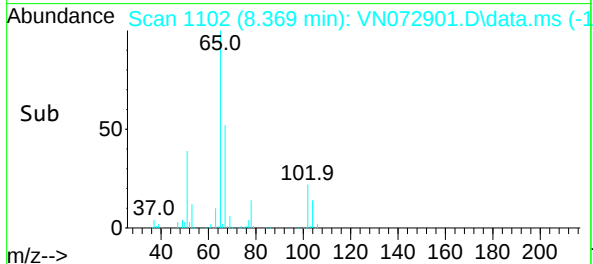
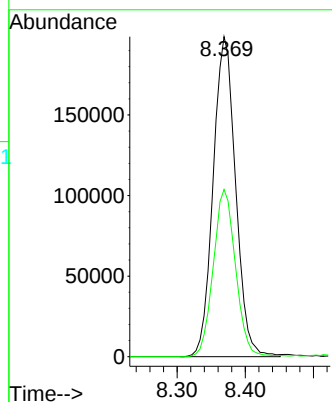
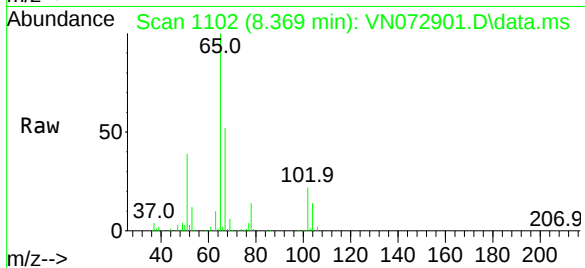
MW-29

Tgt Ion: 65 Resp: 455761

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. 0.006 min

Lab File: VN072901.D

Acq: 17 Jun 2022 00:29

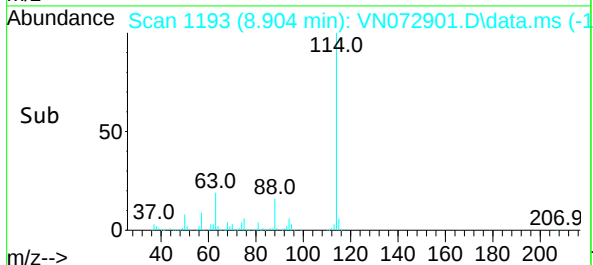
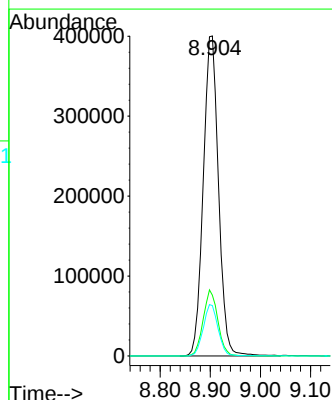
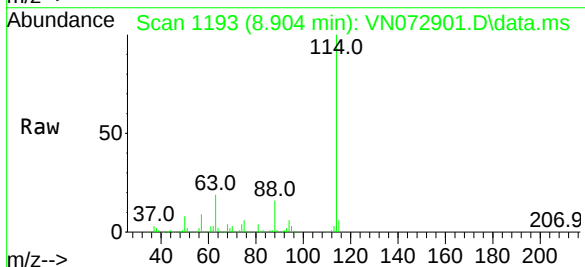
Tgt Ion: 114 Resp: 846159

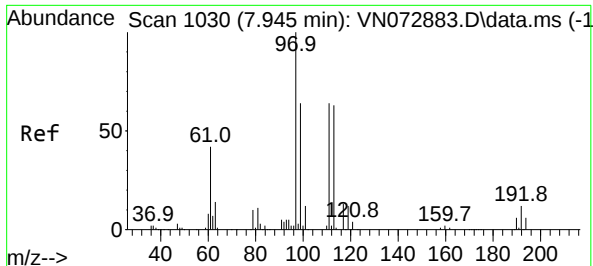
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.221 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN072901.D

Acq: 17 Jun 2022 00:29

Instrument :

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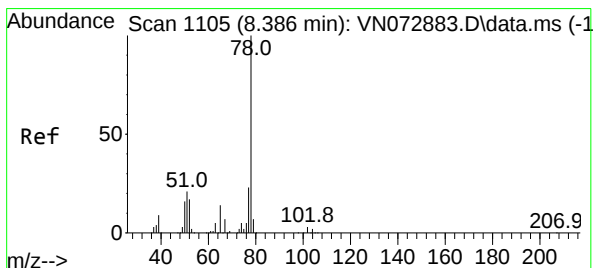
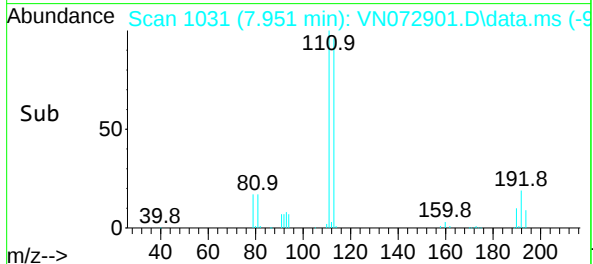
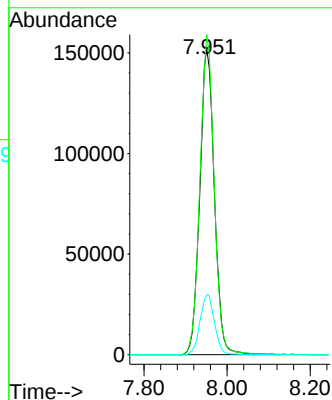
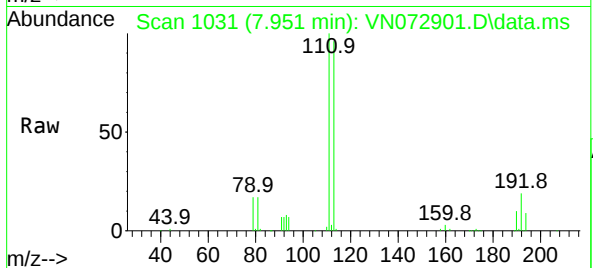
Tgt Ion:113 Resp: 370633

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.4 17.0 25.6



#40

Benzene

Concen: 5.140 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072901.D

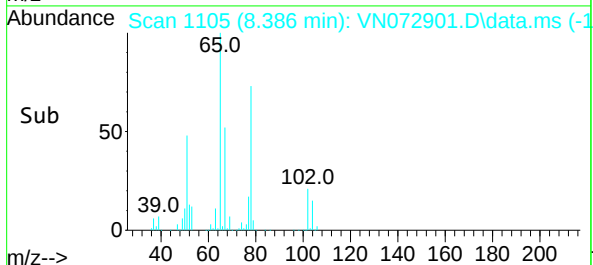
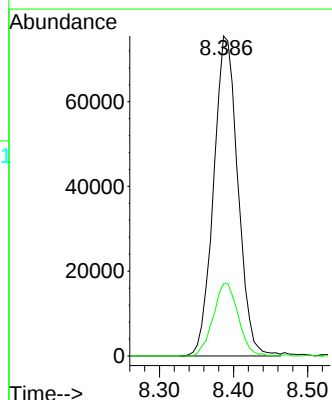
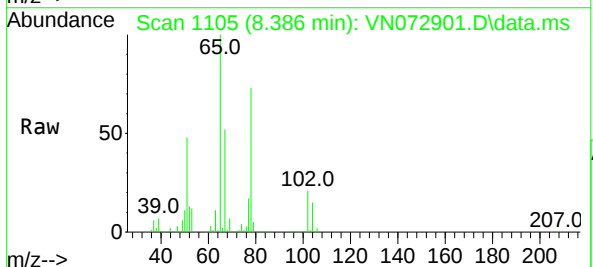
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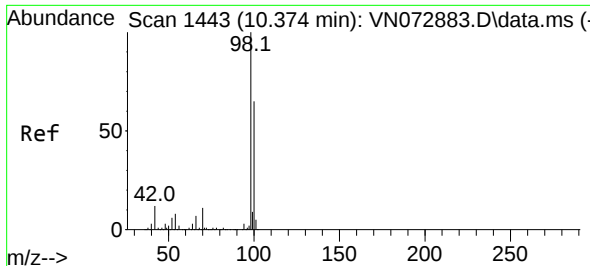
Tgt Ion: 78 Resp: 171917

Ion Ratio Lower Upper

78 100

77 22.6 19.4 29.0

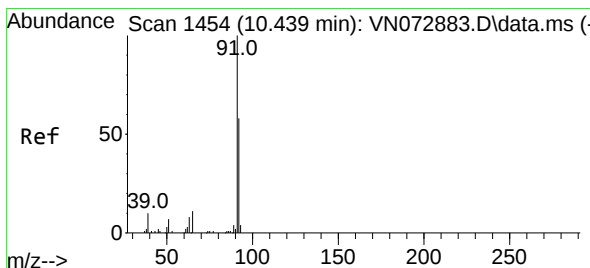
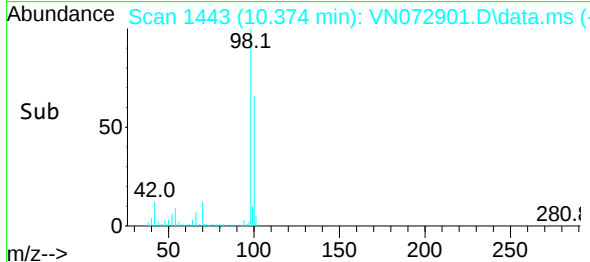
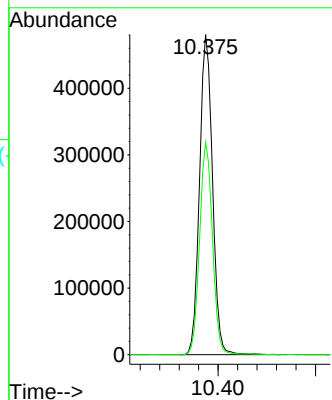
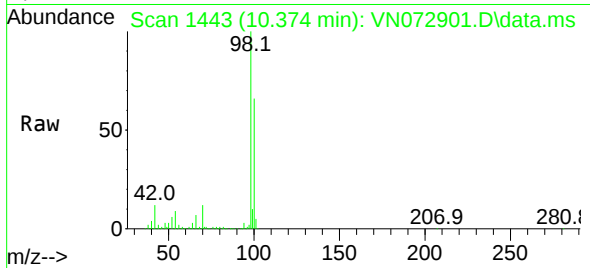




#50
Toluene-d8
Concen: 29.566 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

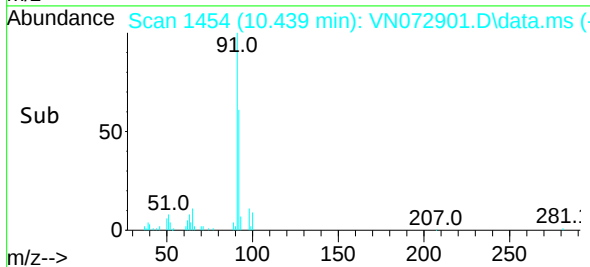
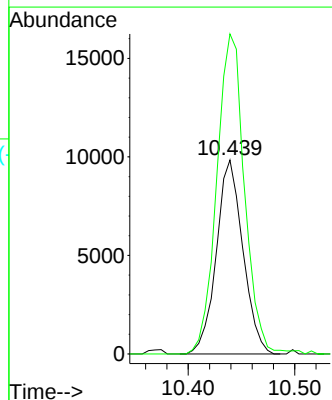
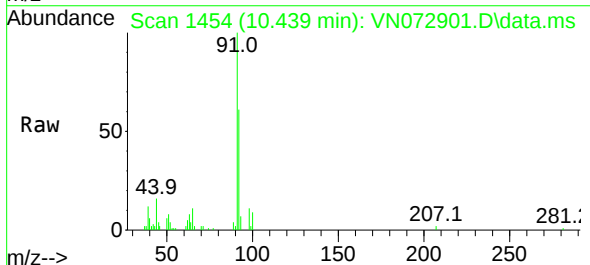
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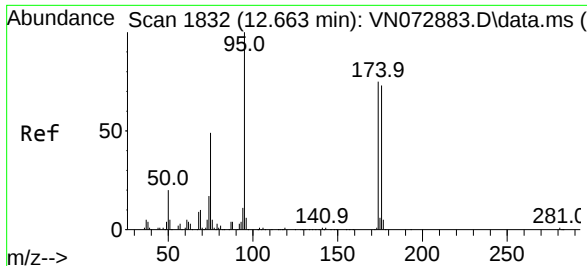
Tgt Ion: 98 Resp: 889523
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#52
Toluene
Concen: 0.786 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion: 92 Resp: 17020
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8

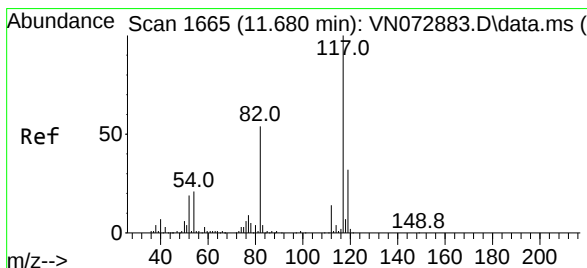
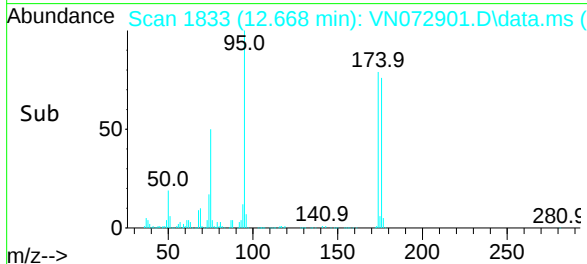
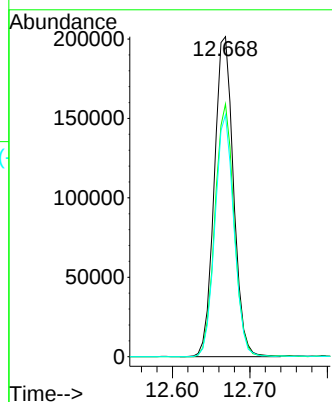
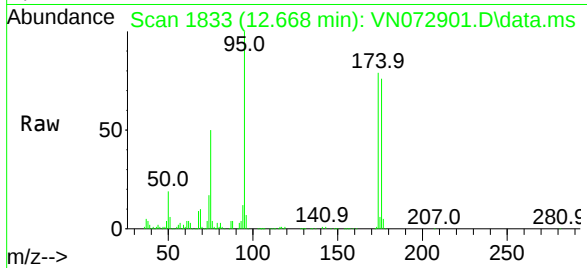




#62
4-Bromofluorobenzene
Concen: 33.406 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

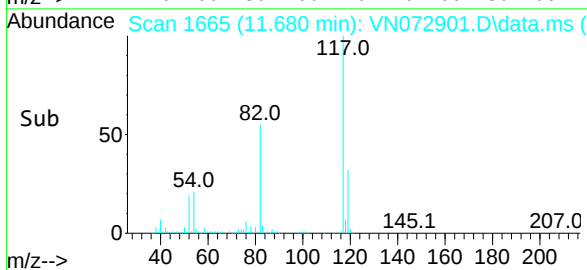
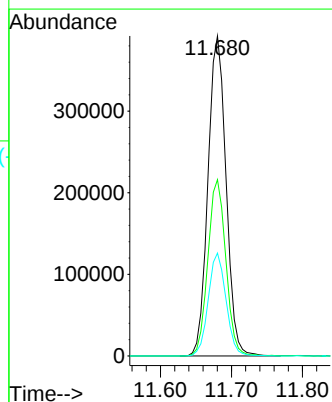
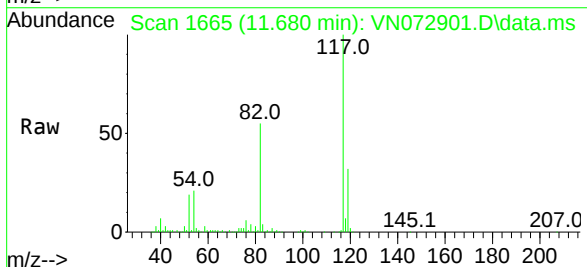
Instrument :
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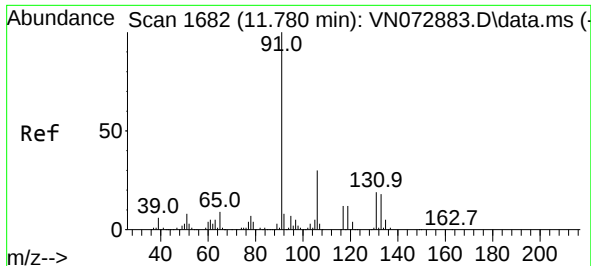
Tgt Ion: 95 Resp: 348647
Ion Ratio Lower Upper
95 100
174 78.1 0.0 167.6
176 74.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion: 117 Resp: 694475
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.1 25.4 38.0

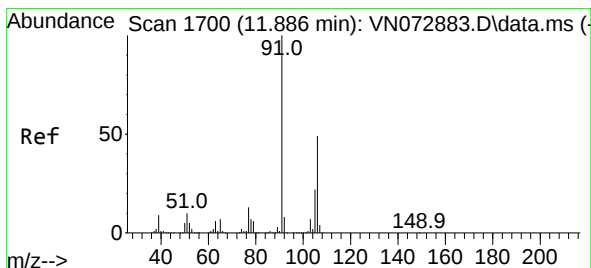
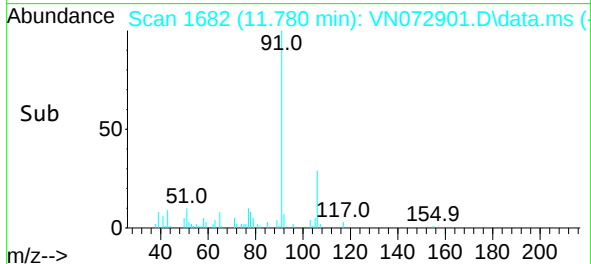
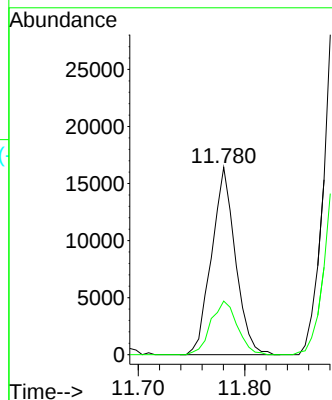
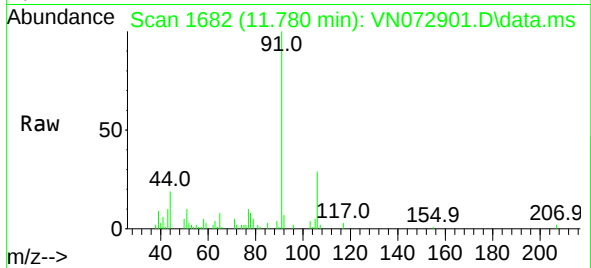




#67
Ethyl Benzene
Concen: 0.789 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

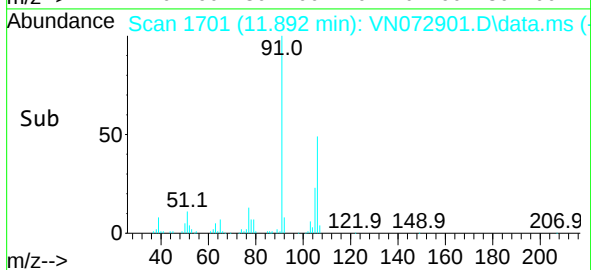
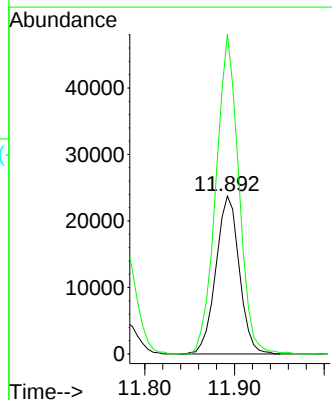
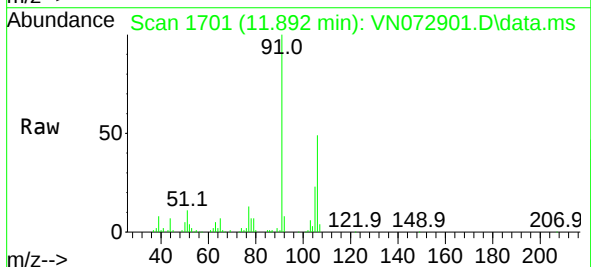
Instrument :
MSVOA_N
ClientSampleId :
MW-29

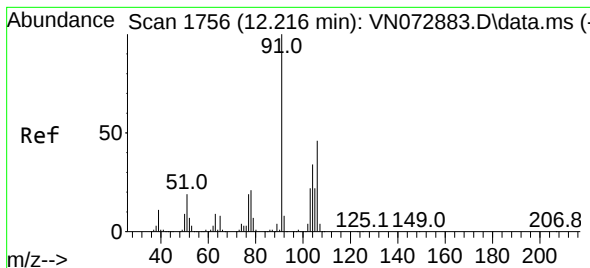
Tgt Ion: 91 Resp: 25524
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3



#68
m/p-Xylenes
Concen: 3.457 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion: 106 Resp: 42923
Ion Ratio Lower Upper
106 100
91 198.0 158.9 238.3





#69

o-Xylene

Concen: 2.647 ug/l

RT: 12.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072901.D

Acq: 17 Jun 2022 00:29

Instrument :

MSVOA_N

ClientSampleId :

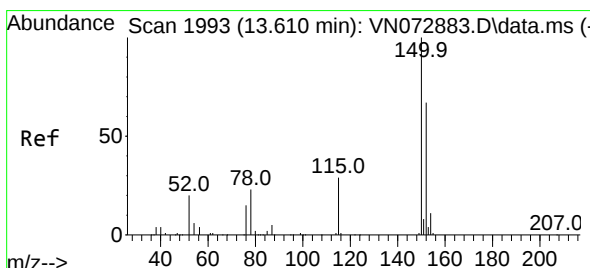
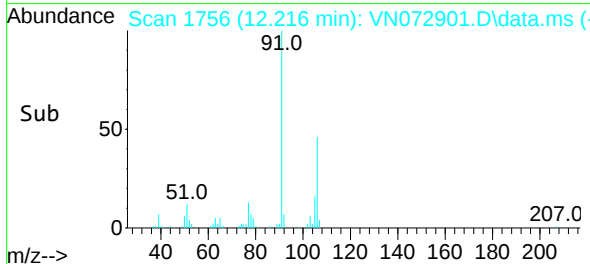
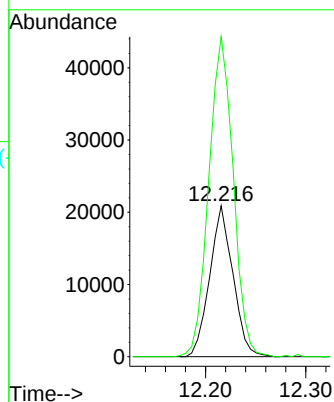
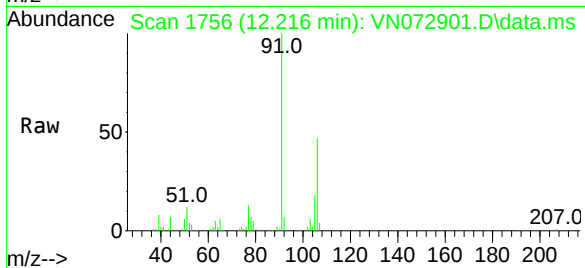
MW-29

Tgt Ion:106 Resp: 33716

Ion Ratio Lower Upper

106 100

91 223.2 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN072901.D

Acq: 17 Jun 2022 00:29

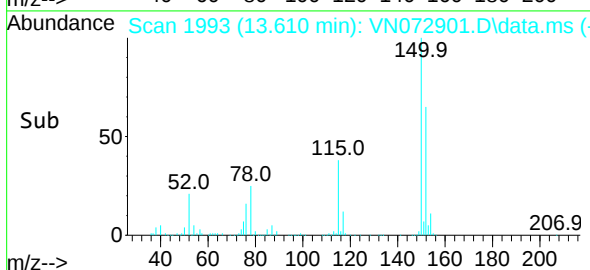
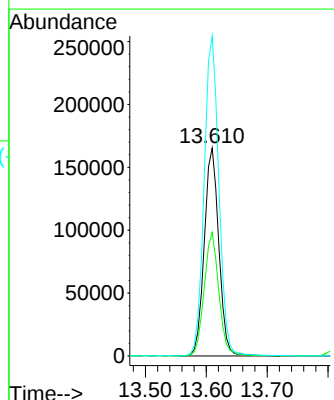
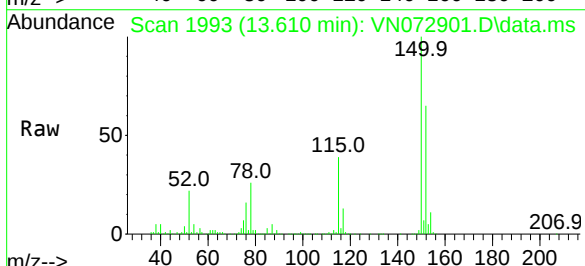
Tgt Ion:152 Resp: 274841

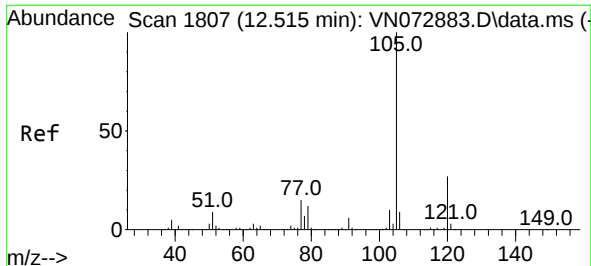
Ion Ratio Lower Upper

152 100

115 60.3 28.9 86.7

150 155.9 0.0 356.2

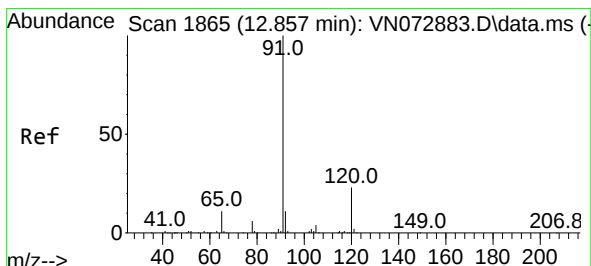
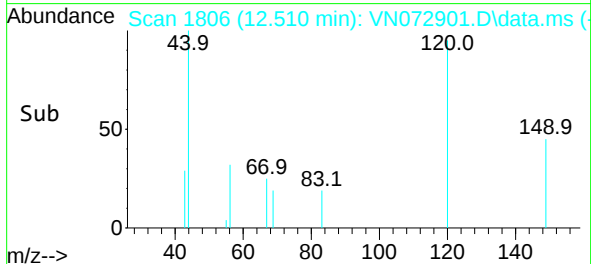
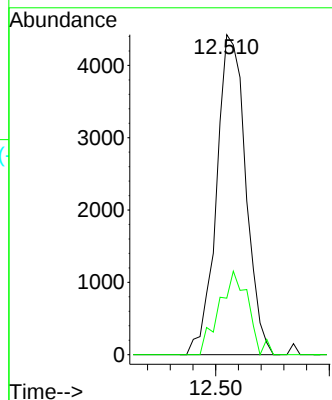
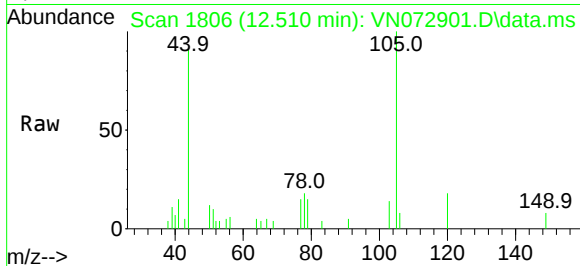




#73
Isopropylbenzene
Concen: 0.301 ug/l
RT: 12.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

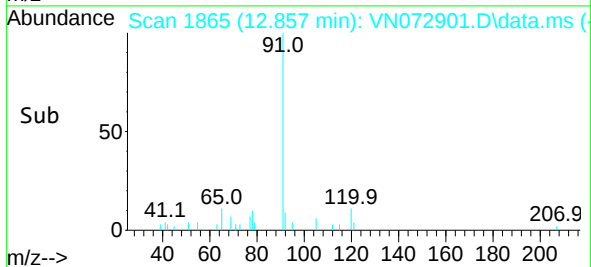
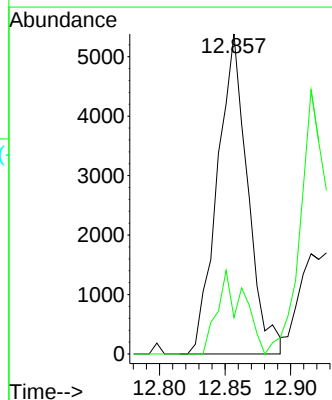
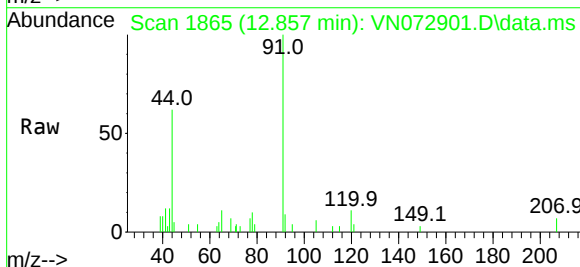
Instrument :
MSVOA_N
ClientSampleId :
MW-29

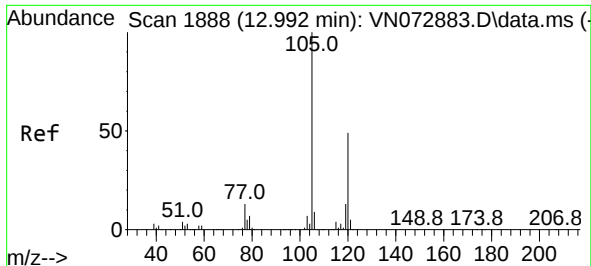
Tgt Ion:105 Resp: 7897
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#78
n-propylbenzene
Concen: 0.317 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072901.D
Acq: 17 Jun 2022 00:29

Tgt Ion: 91 Resp: 8665
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5

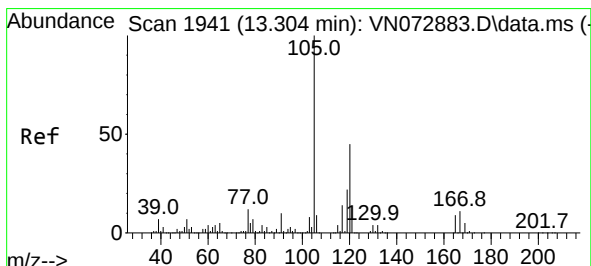
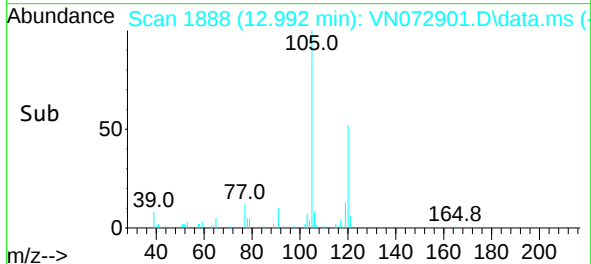
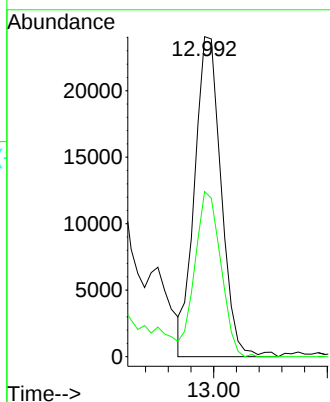
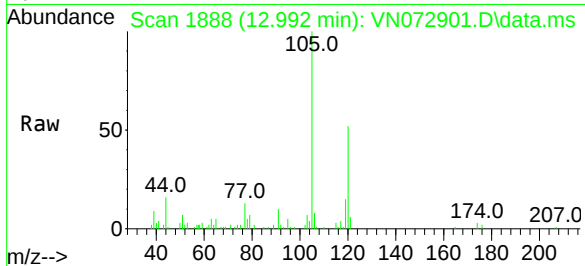




#80
 1,3,5-Trimethylbenzene
 Concen: 1.857 ug/l
 RT: 12.992 min Scan# 1888
 Delta R.T. 0.000 min
 Lab File: VN072901.D
 Acq: 17 Jun 2022 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-29

Tgt Ion:105 Resp: 38997
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 6.938 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN072901.D
 Acq: 17 Jun 2022 00:29

Tgt Ion:105 Resp: 140111
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.3 69.8

