

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072602.D
 Acq On : 24 May 2022 21:43
 Operator : JC\MD
 Sample : N2968-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Quant Time: May 25 09:22:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

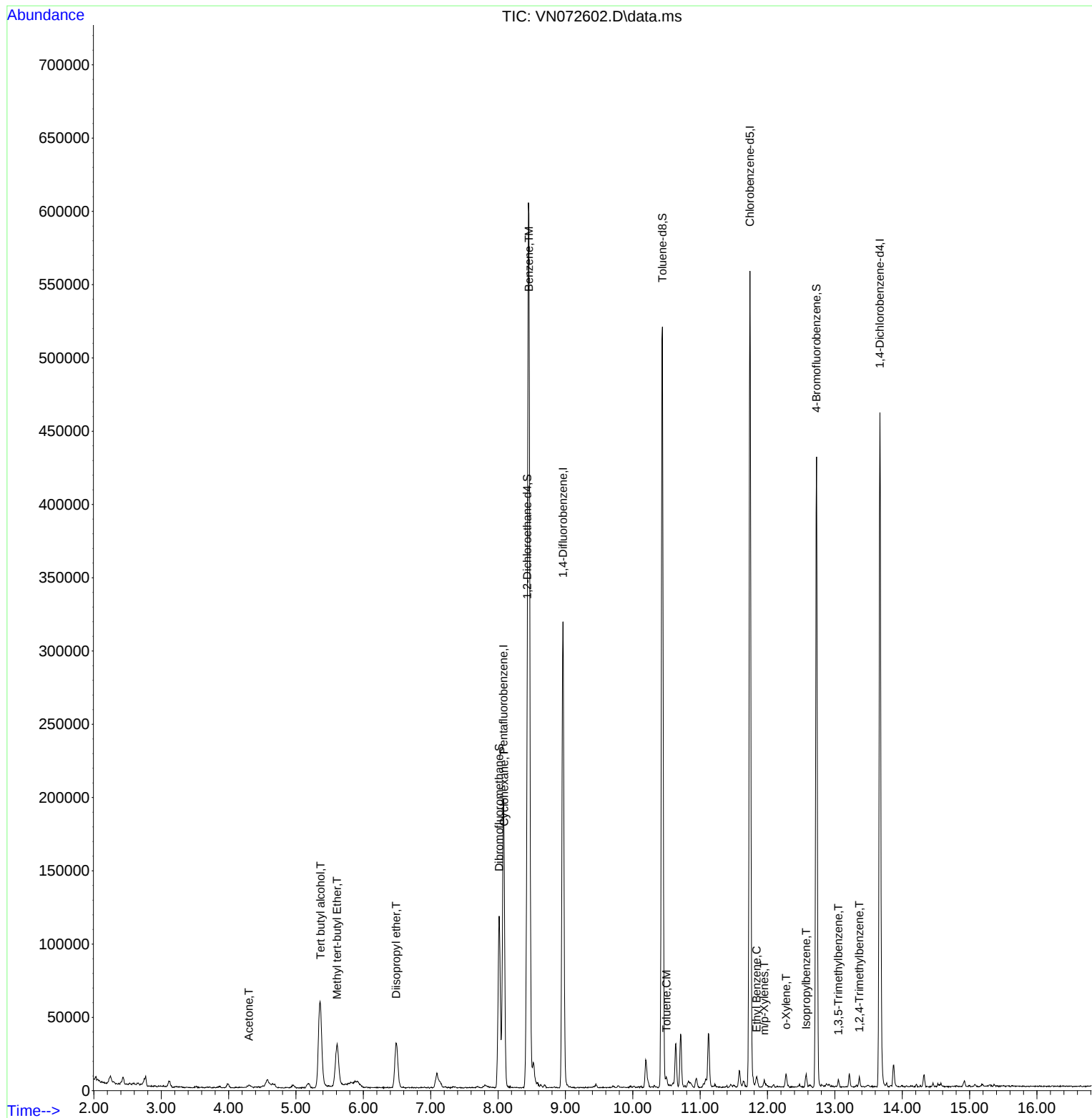
Internal Standards						
1) Pentafluorobenzene	8.081	168	157767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	294065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	338955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	129847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	94919	52.891	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.780%	
35) Dibromofluoromethane	8.016	113	85258	44.733	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 89.460%	
50) Toluene-d8	10.439	98	373621	51.340	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.727	95	144105	60.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 121.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	108019	319.642	ug/l	100
16) Acetone	4.299	43	1848	2.095	ug/l #	87
19) Methyl tert-butyl Ether	5.610	73	43687	8.883	ug/l	95
22) Diisopropyl ether	6.487	45	41069	7.469	ug/l	90
31) Cyclohexane	8.092	56	5021	1.766	ug/l #	62
40) Benzene	8.457	78	618426	71.075	ug/l	100
52) Toluene	10.498	92	2560	0.465	ug/l	86
67) Ethyl Benzene	11.839	91	5208	0.403	ug/l	90
68) m/p-Xylenes	11.951	106	1603	0.326	ug/l	98
69) o-Xylene	12.275	106	2679	0.563	ug/l	89
73) Isopropylbenzene	12.575	105	5386	0.466	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	2427	0.270	ug/l	91
84) 1,2,4-Trimethylbenzene	13.363	105	4192	0.475	ug/l	92

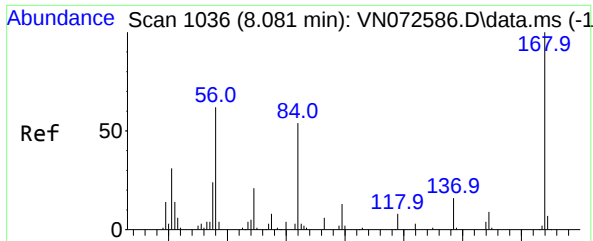
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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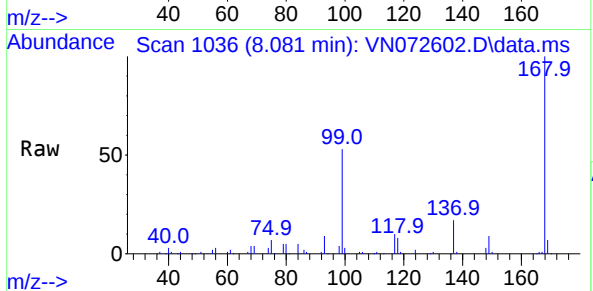
Quant Time: May 25 09:22:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration



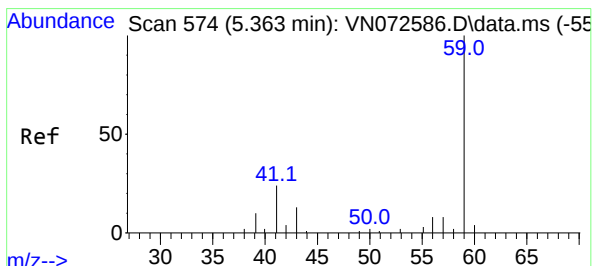
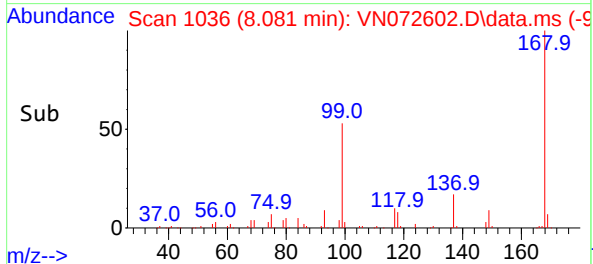
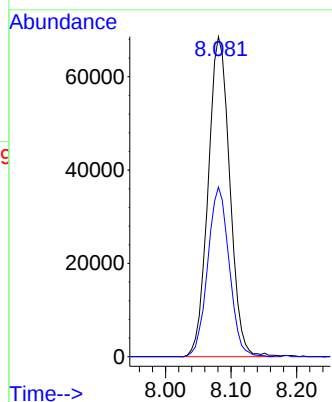


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Instrument :
MSVOA_N
ClientSampleId :
MW-40

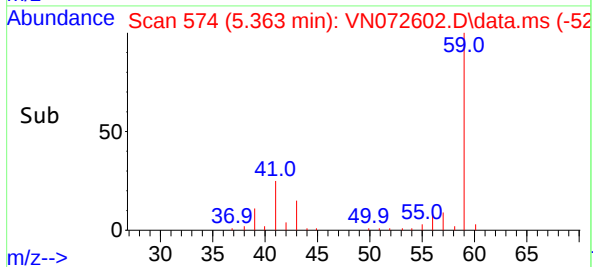
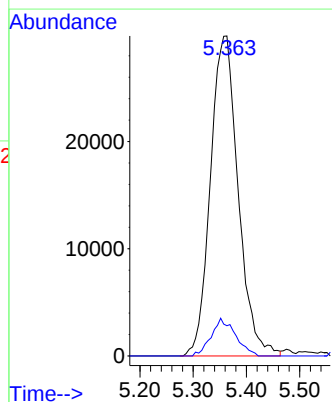
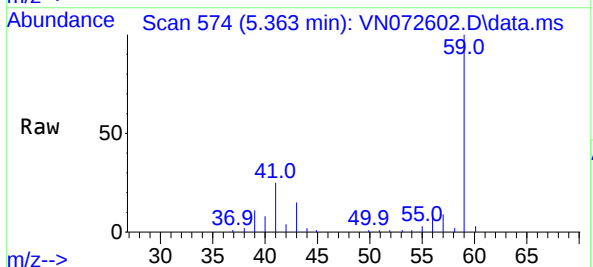


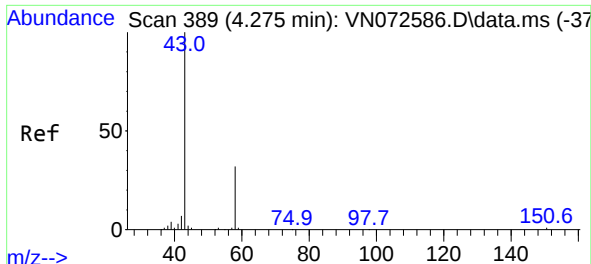
Tgt Ion:168 Resp: 157767
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 319.642 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion: 59 Resp: 108019
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

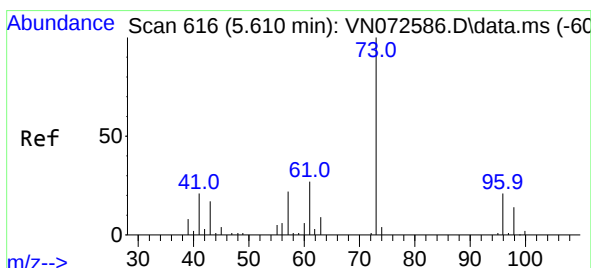
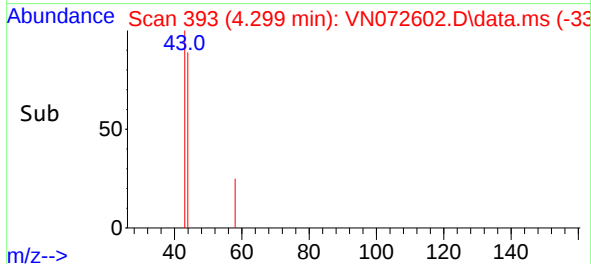
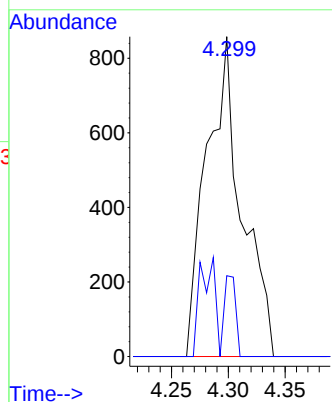
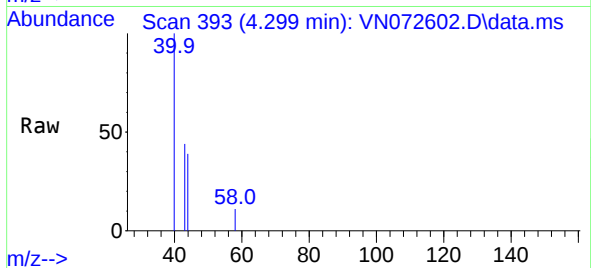




#16
Acetone
Concen: 2.095 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

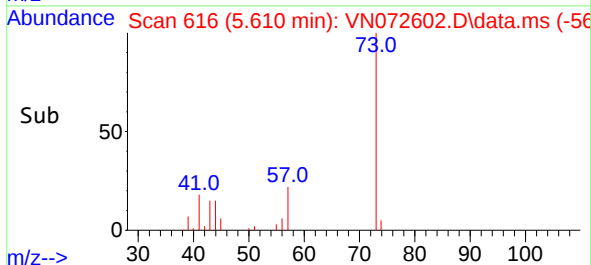
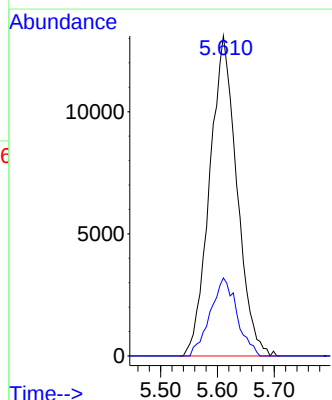
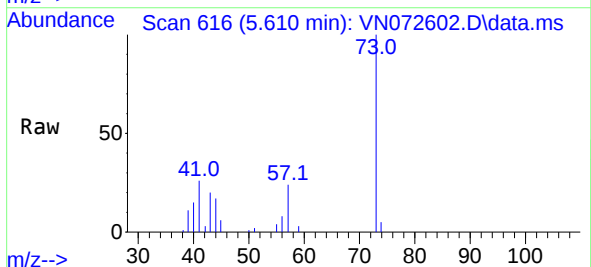
Instrument :
MSVOA_N
ClientSampleId :
MW-40

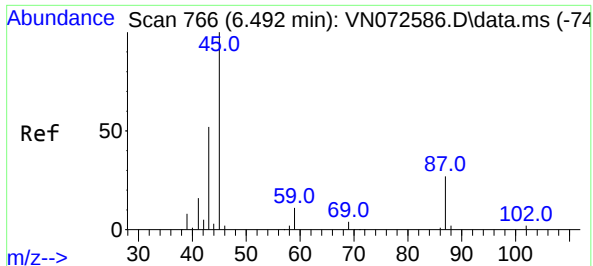
Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
58 25.3 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 8.883 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion: 73 Resp: 43687
Ion Ratio Lower Upper
73 100
57 24.4 17.6 26.4

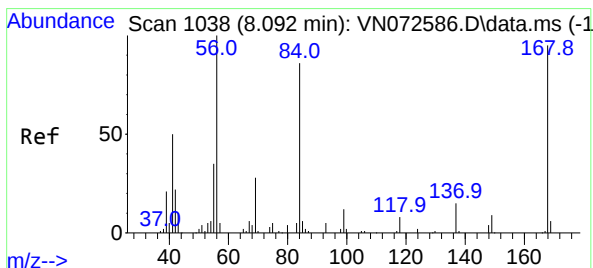
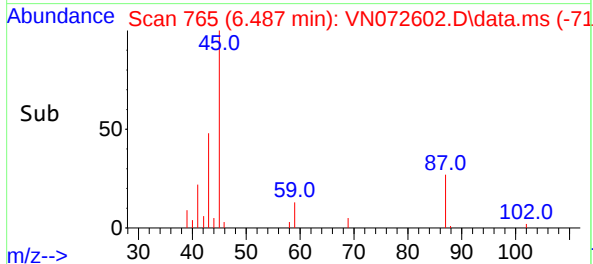
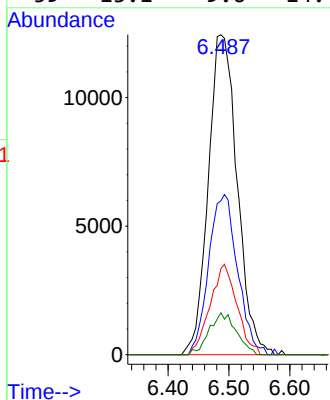
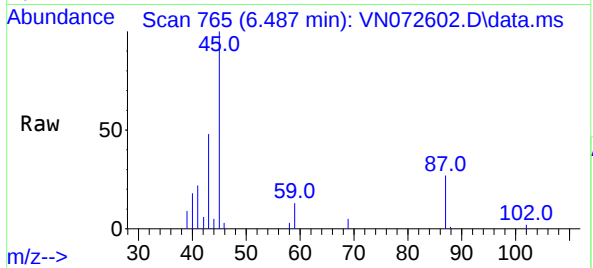




#22
Diisopropyl ether
Concen: 7.469 ug/l
RT: 6.487 min Scan# 71
Delta R.T. -0.005 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

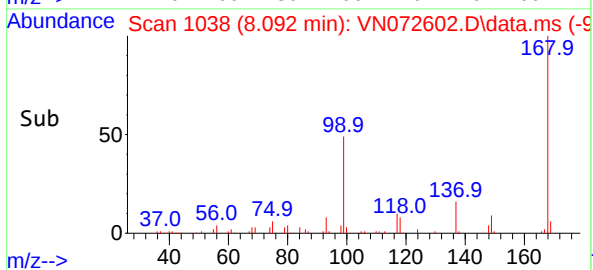
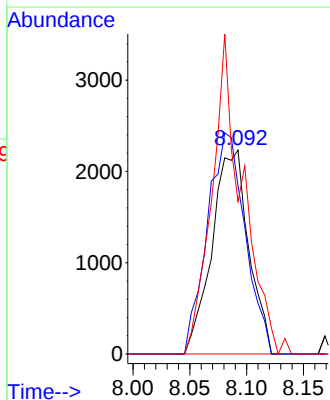
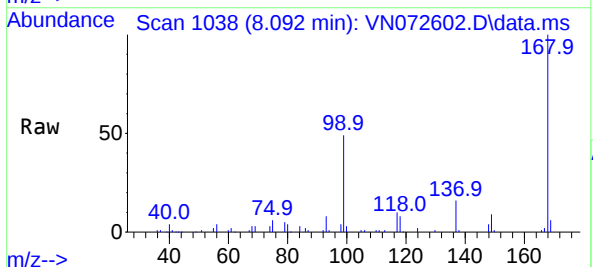
Instrument :
MSVOA_N
ClientSampleId :
MW-40

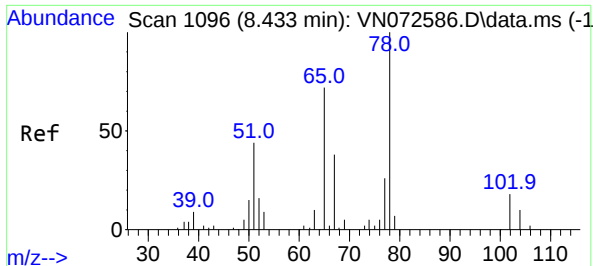
Tgt Ion:	45	Resp:	41069
Ion	Ratio	Lower	Upper
45	100		
43	48.1	46.6	70.0
87	26.9	24.3	36.5
59	13.1	9.6	14.4



#31
Cyclohexane
Concen: 1.766 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion:	56	Resp:	5021
Ion	Ratio	Lower	Upper
56	100		
69	82.4	27.8	41.8#
84	74.8	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.891 ug/l

RT: 8.434 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN072602.D

Acq: 24 May 2022 21:43

Instrument :

MSVOA_N

ClientSampleId :

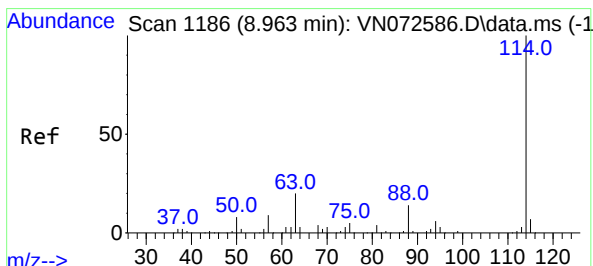
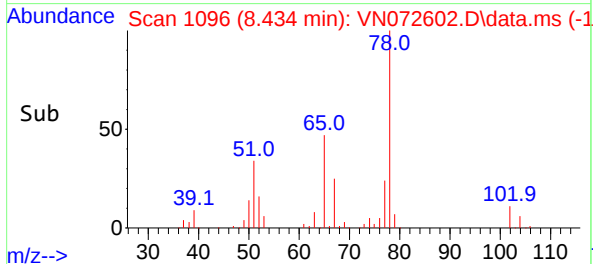
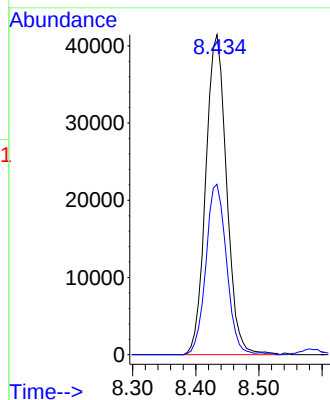
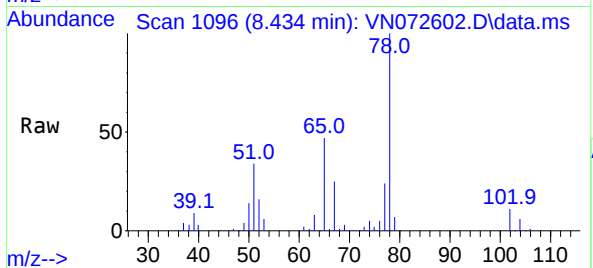
MW-40

Tgt Ion: 65 Resp: 94919

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072602.D

Acq: 24 May 2022 21:43

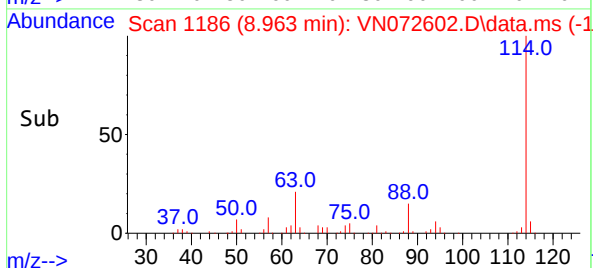
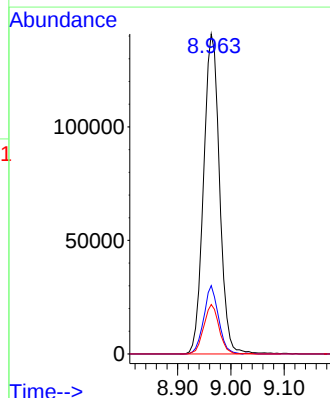
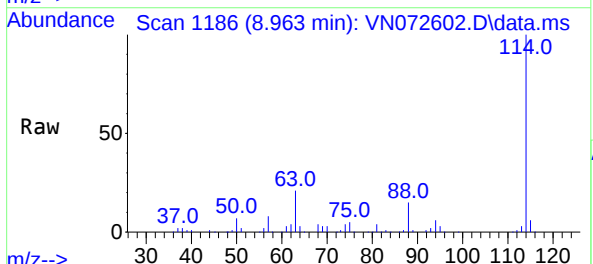
Tgt Ion:114 Resp: 294065

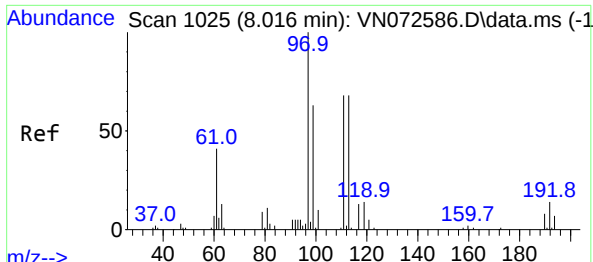
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.5 0.0 32.6

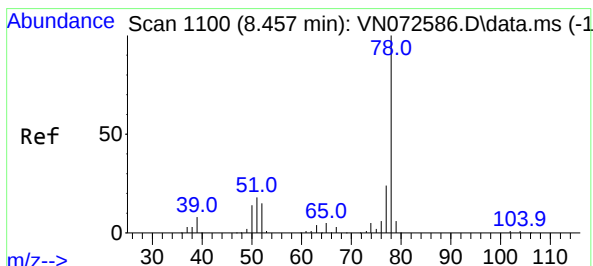
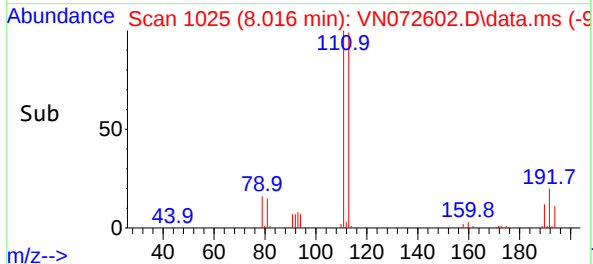
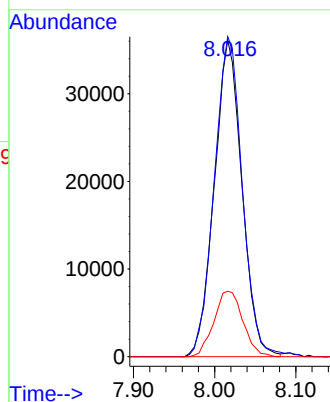
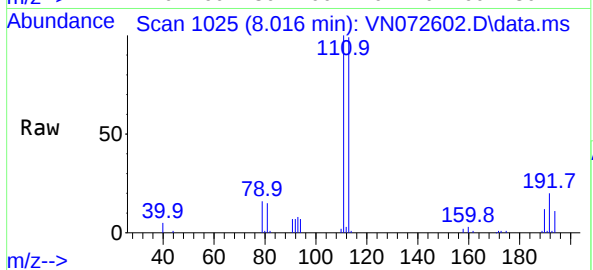




#35
Dibromofluoromethane
Concen: 44.733 ug/l
RT: 8.016 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

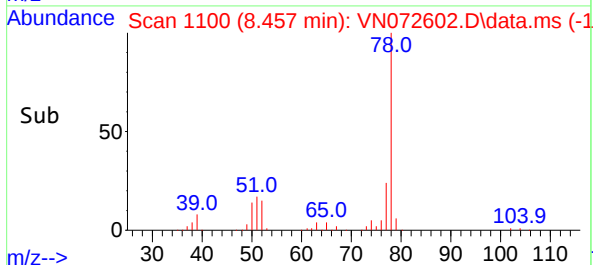
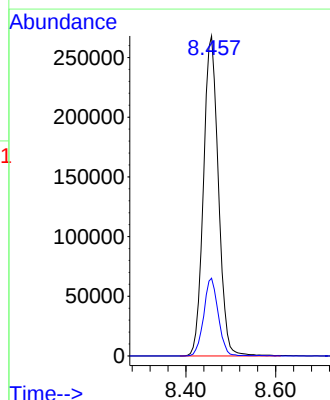
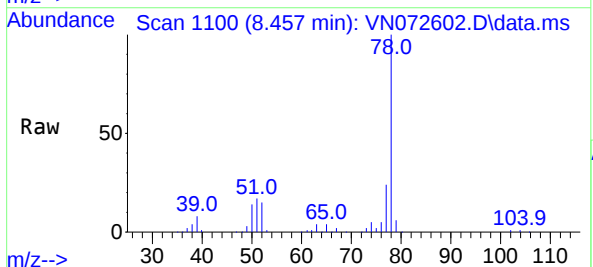
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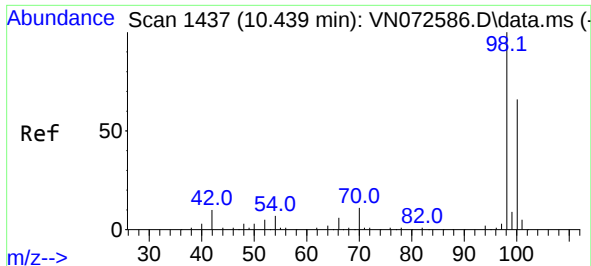
Tgt Ion:113 Resp: 85258
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 21.8 17.0 25.6



#40
Benzene
Concen: 71.075 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion: 78 Resp: 618426
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

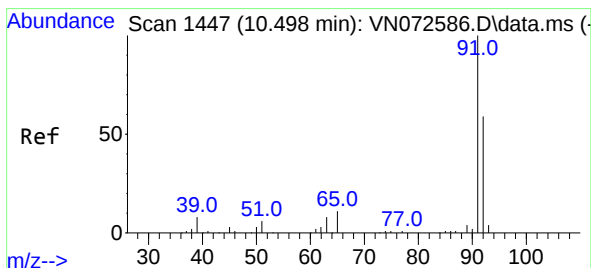
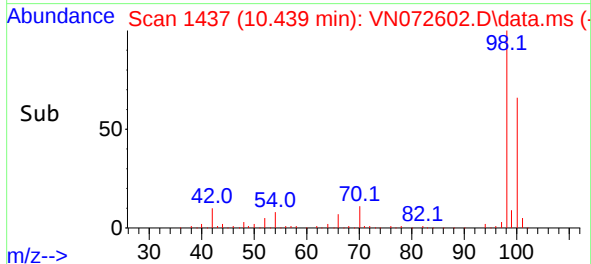
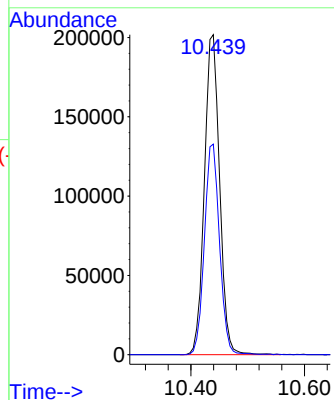
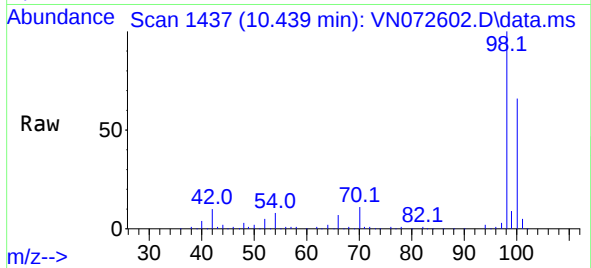




#50
Toluene-d8
Concen: 51.340 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

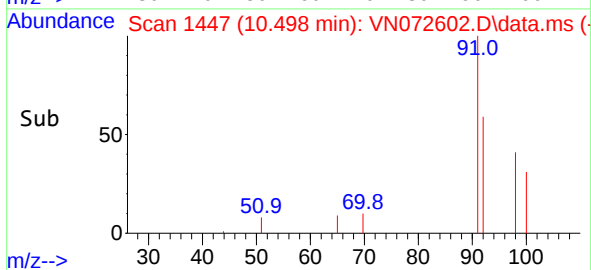
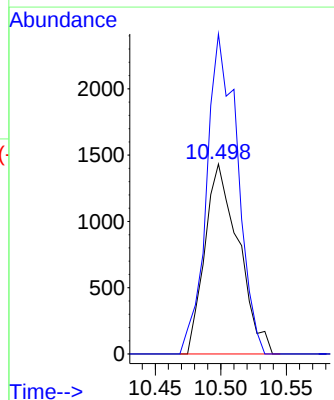
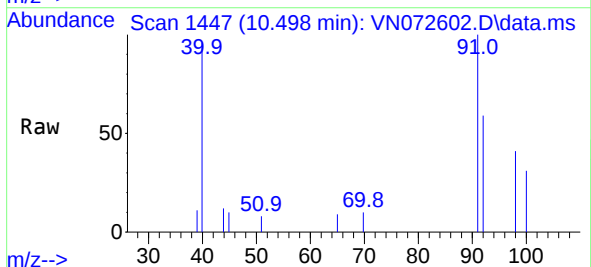
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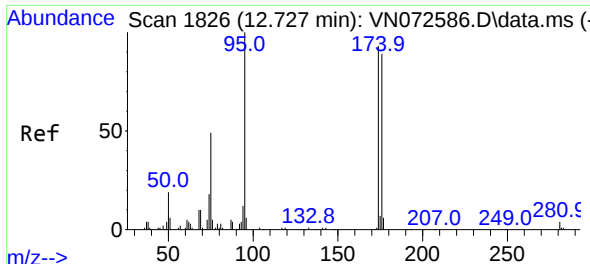
Tgt Ion: 98 Resp: 373621
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 0.465 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion: 92 Resp: 2560
Ion Ratio Lower Upper
92 100
91 154.4 138.6 207.8

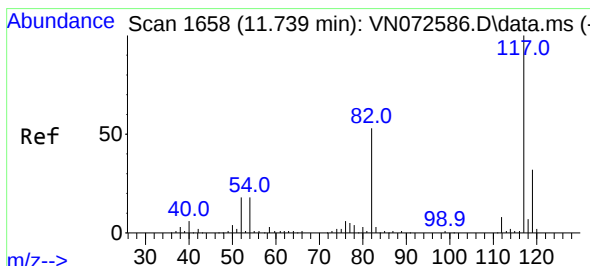
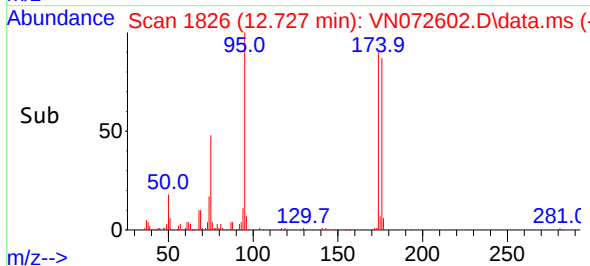
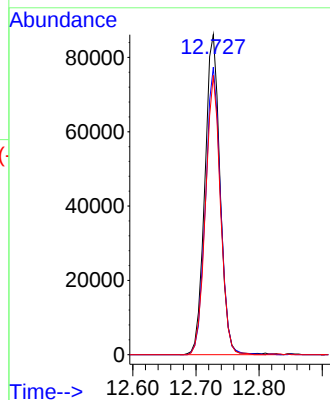
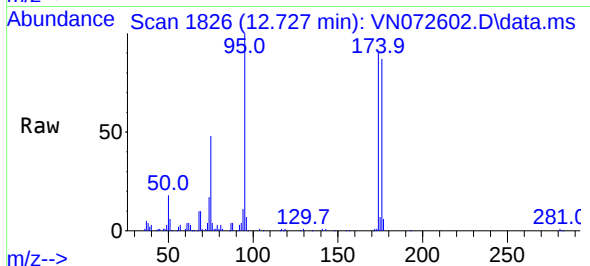




#62
4-Bromofluorobenzene
Concen: 60.883 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

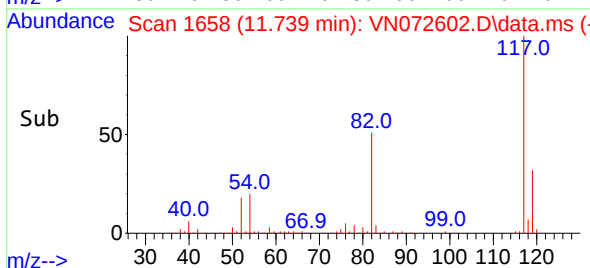
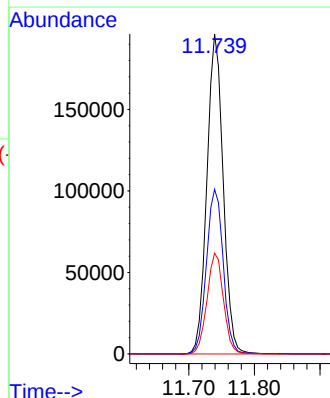
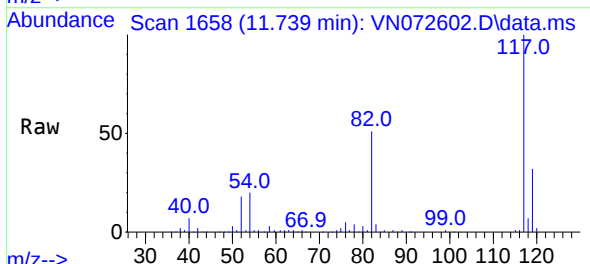
Instrument :
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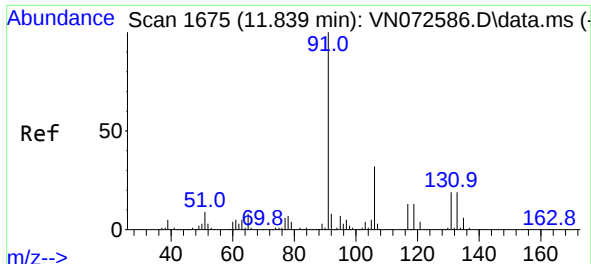
Tgt Ion: 95 Resp: 144105
Ion Ratio Lower Upper
95 100
174 88.7 0.0 167.6
176 85.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion: 117 Resp: 338955
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.5 25.4 38.0

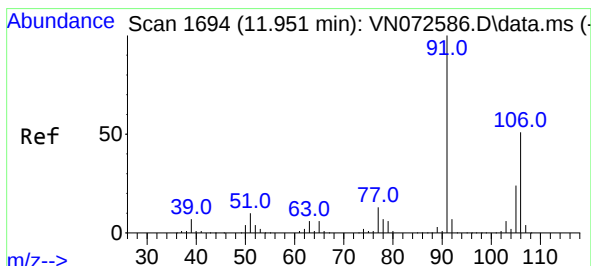
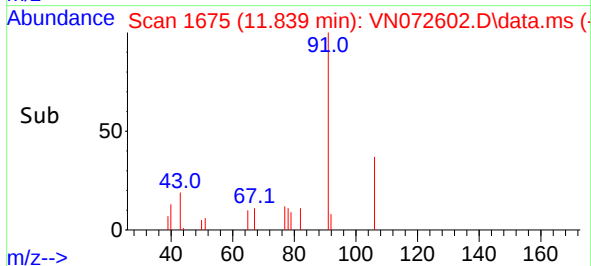
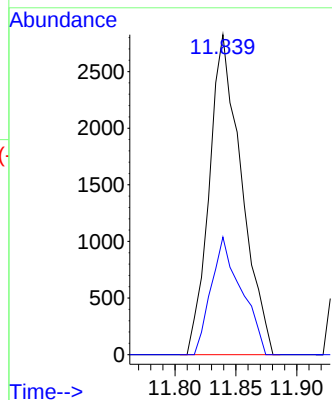
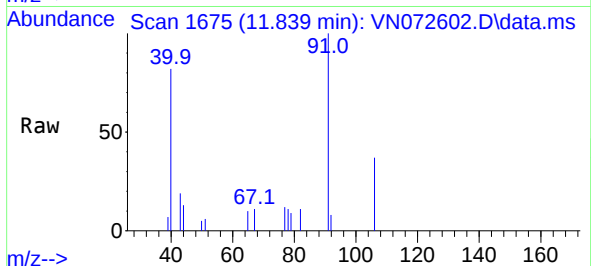




#67
Ethyl Benzene
Concen: 0.403 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

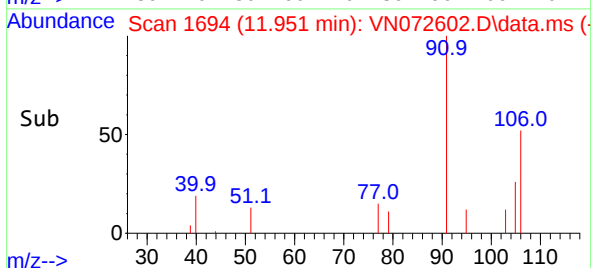
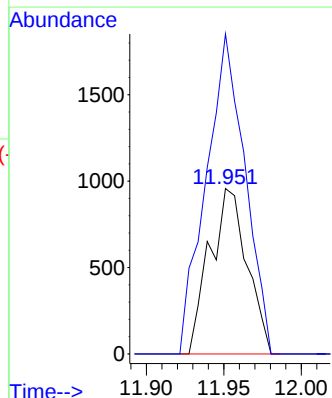
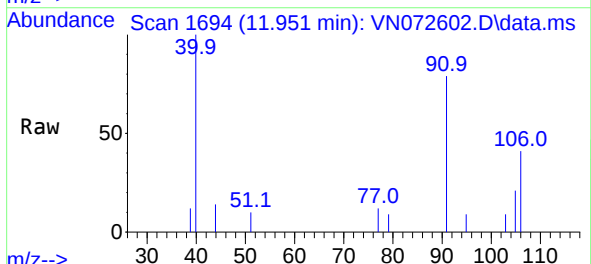
Instrument :
MSVOA_N
ClientSampleId :
MW-40

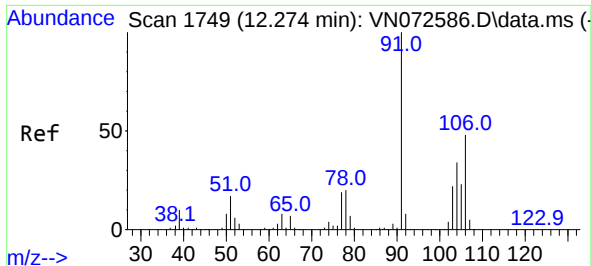
Tgt Ion: 91 Resp: 5208
Ion Ratio Lower Upper
91 100
106 36.7 24.9 37.3



#68
m/p-Xylenes
Concen: 0.326 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion: 106 Resp: 1603
Ion Ratio Lower Upper
106 100
91 201.8 158.9 238.3

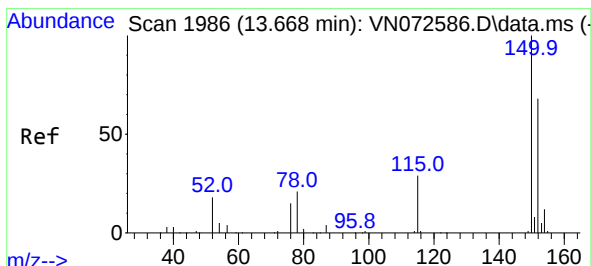
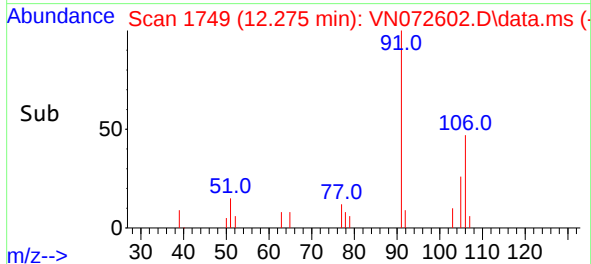
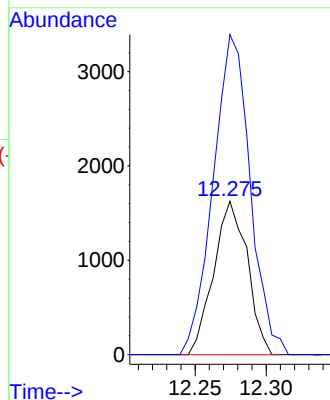
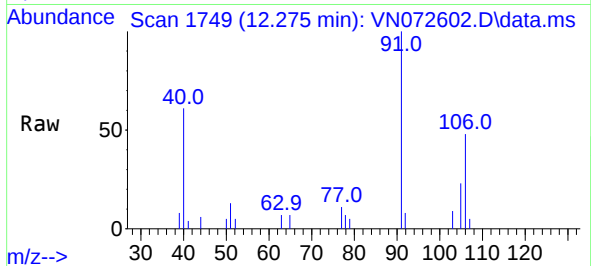




#69
o-Xylene
Concen: 0.563 ug/l
RT: 12.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

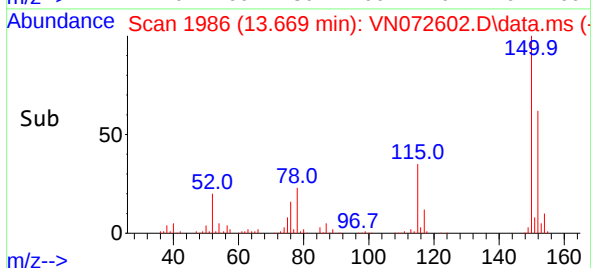
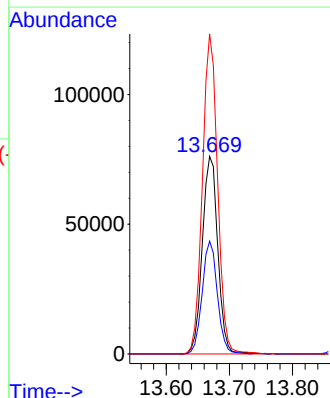
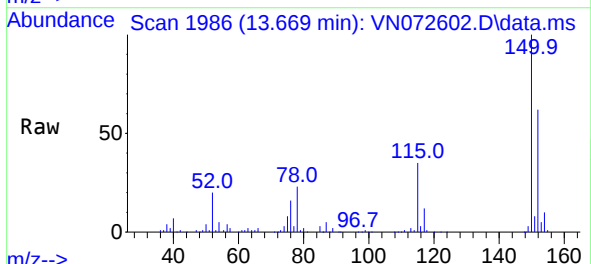
Instrument :
MSVOA_N
ClientSampleId :
MW-40

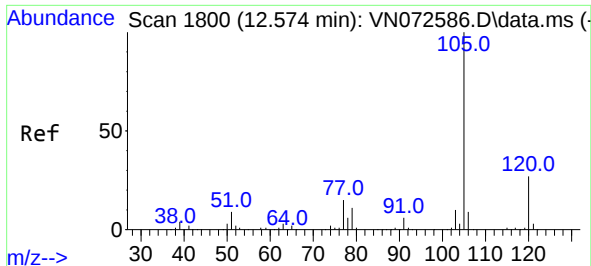
Tgt Ion:106 Resp: 2679
Ion Ratio Lower Upper
106 100
91 229.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion:152 Resp: 129847
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 158.0 0.0 356.2

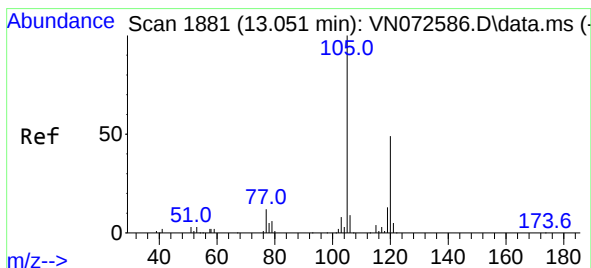
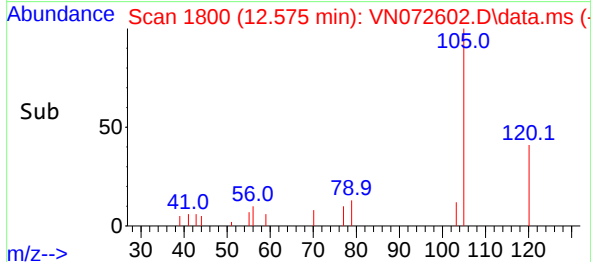
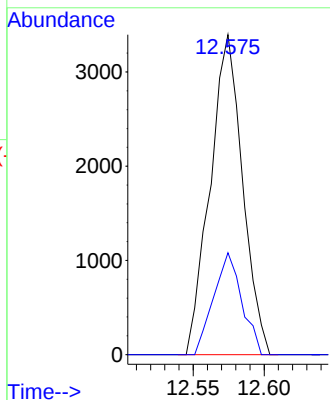
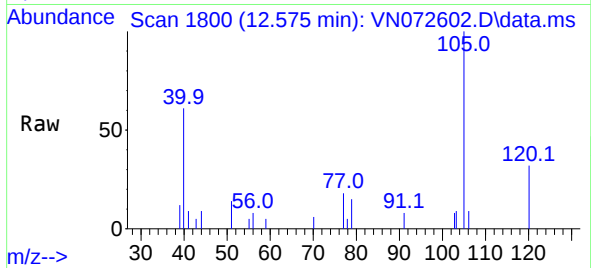




#73
Isopropylbenzene
Concen: 0.466 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.001 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

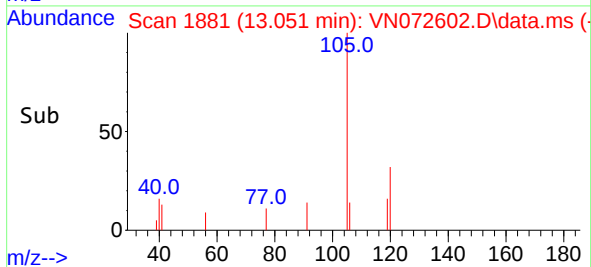
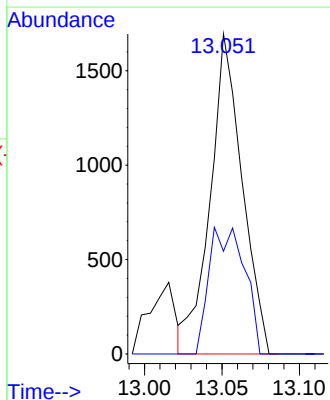
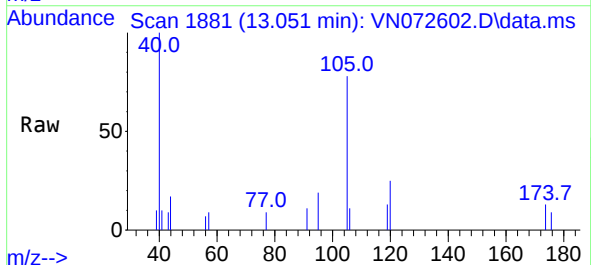
Instrument :
MSVOA_N
ClientSampleId :
MW-40

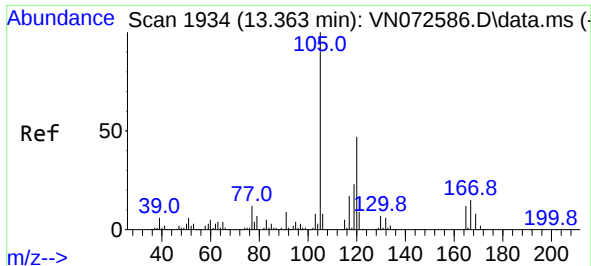
Tgt Ion:105 Resp: 5386
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#80
1,3,5-Trimethylbenzene
Concen: 0.270 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072602.D
Acq: 24 May 2022 21:43

Tgt Ion:105 Resp: 2427
Ion Ratio Lower Upper
105 100
120 43.9 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 0.475 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072602.D

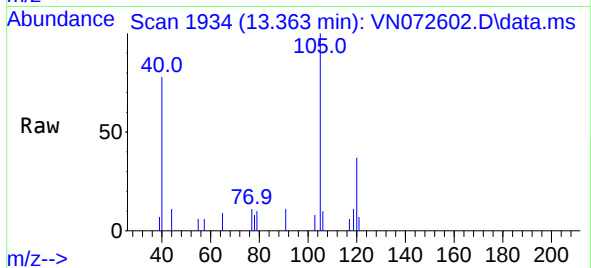
Acq: 24 May 2022 21:43

Instrument :

MSVOA_N

ClientSampleId :

MW-40



Tgt Ion:105 Resp: 4192

Ion Ratio Lower Upper

105 100

120 41.5 23.3 69.8

