

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072900.D
 Acq On : 17 Jun 2022 00:05
 Operator : JC\MD
 Sample : N3202-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27

Quant Time: Jun 17 06:08:33 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)

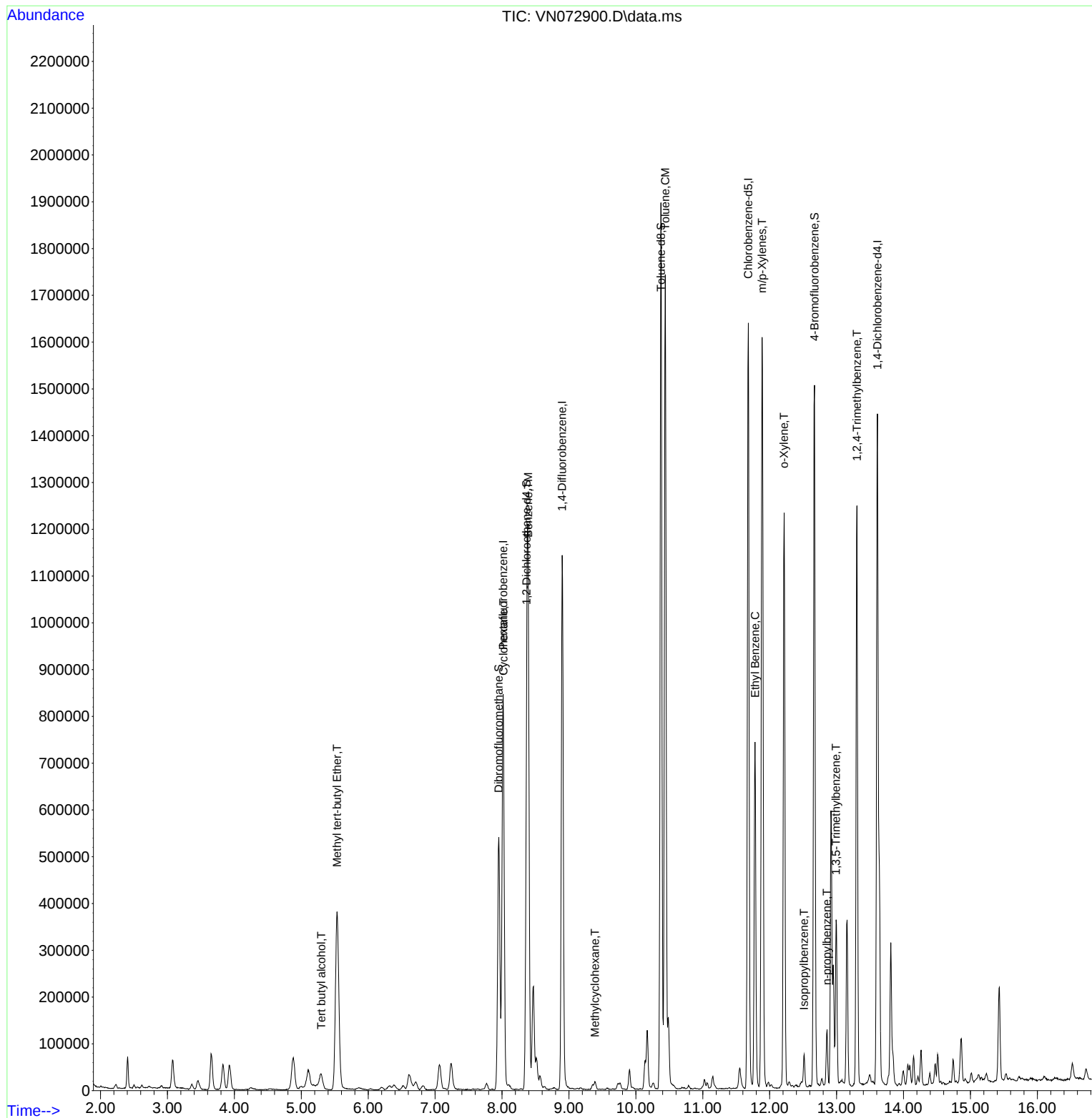
Internal Standards						
1) Pentafluorobenzene	8.016	168	633688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	1032144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	939823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	401040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	460371	39.323	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	78.640%
35) Dibromofluoromethane	7.951	113	402733	42.955	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.920%
50) Toluene-d8	10.375	98	1306690	35.606	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	71.220%
62) 4-Bromofluorobenzene	12.669	95	540186	42.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.298	59	74610	24.476	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	647206	20.018	ug/l	98
31) Cyclohexane	8.022	56	36425	2.321	ug/l #	65
39) Methylcyclohexane	9.386	83	6928	0.436	ug/l	94
40) Benzene	8.392	78	996790	24.433	ug/l	98
52) Toluene	10.439	92	763450	28.917	ug/l	99
67) Ethyl Benzene	11.780	91	533810	12.197	ug/l	99
68) m/p-Xylenes	11.886	106	544335	32.393	ug/l	98
69) o-Xylene	12.216	106	354630	20.570	ug/l	100
73) Isopropylbenzene	12.516	105	43932	1.149	ug/l	100
78) n-propylbenzene	12.857	91	95059	2.383	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	187517	6.118	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	714266	24.240	ug/l	99

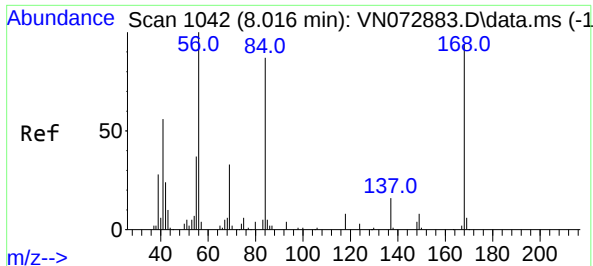
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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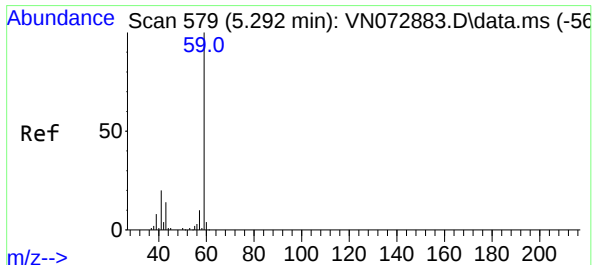
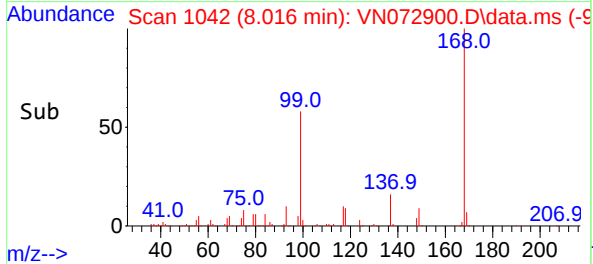
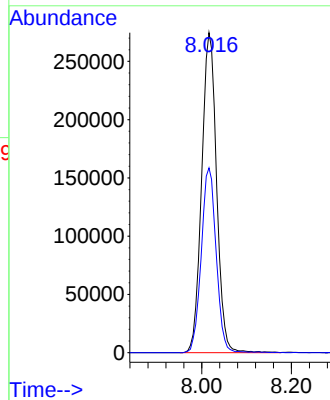
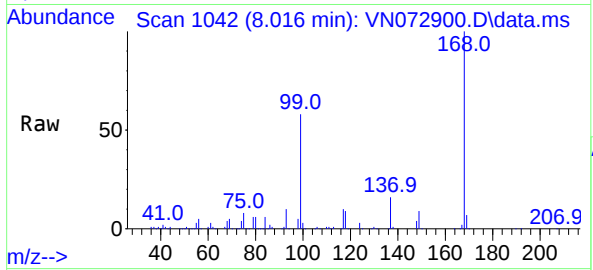




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

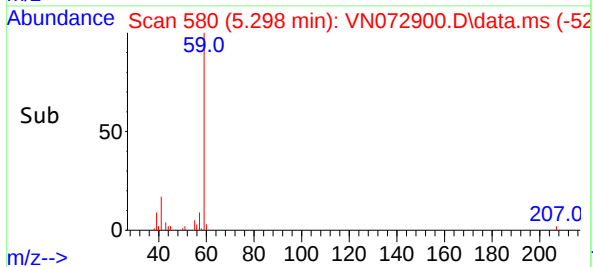
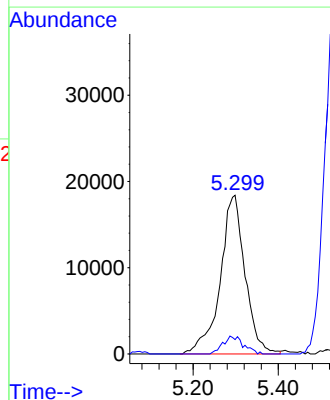
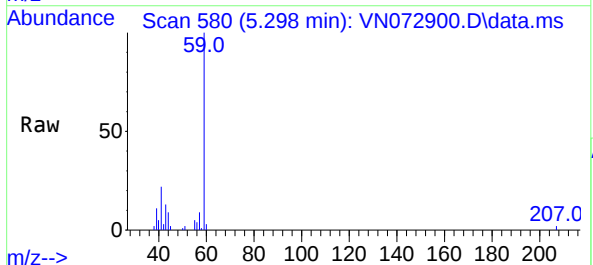
Instrument :
MSVOA_N
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MW-27

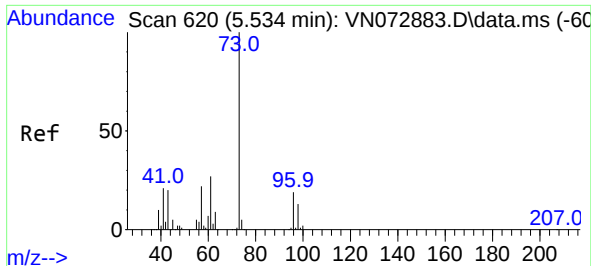
Tgt Ion:168 Resp: 633688
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#11
Tert butyl alcohol
Concen: 24.476 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 59 Resp: 74610
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

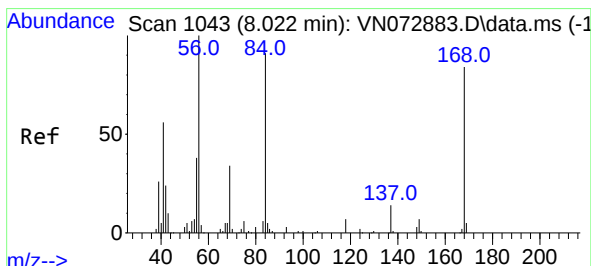
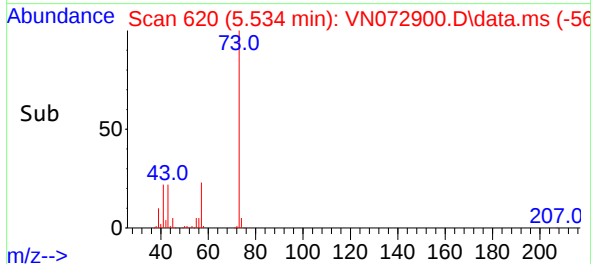
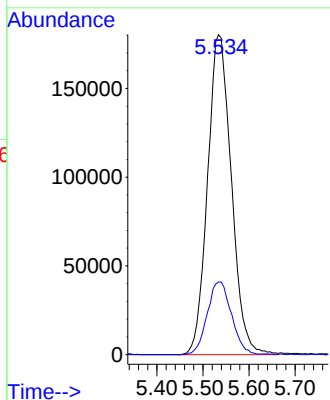
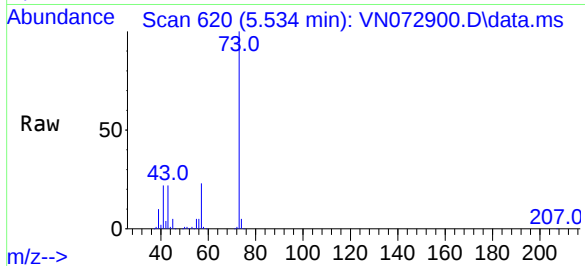




#19
Methyl tert-butyl Ether
Concen: 20.018 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

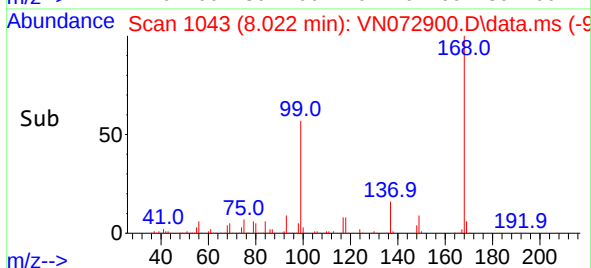
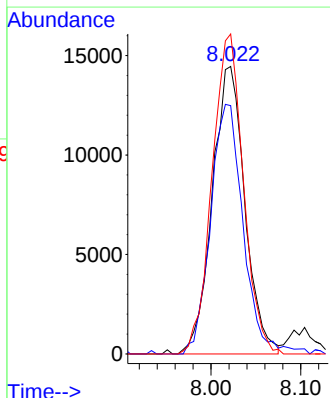
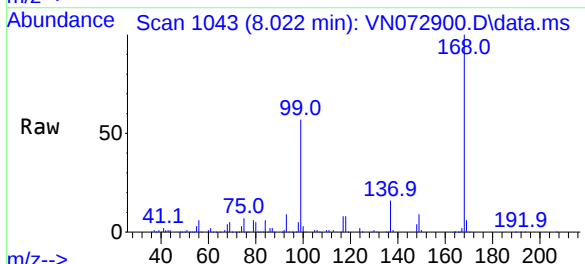
Instrument :
MSVOA_N
ClientSampleId :
MW-27

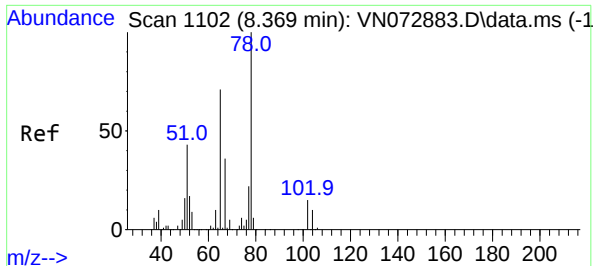
Tgt Ion: 73 Resp: 647206
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4



#31
Cyclohexane
Concen: 2.321 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 56 Resp: 36425
Ion Ratio Lower Upper
56 100
69 86.4 27.8 41.8#
84 111.3 76.9 115.3

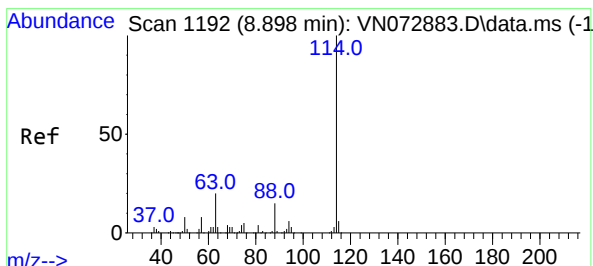
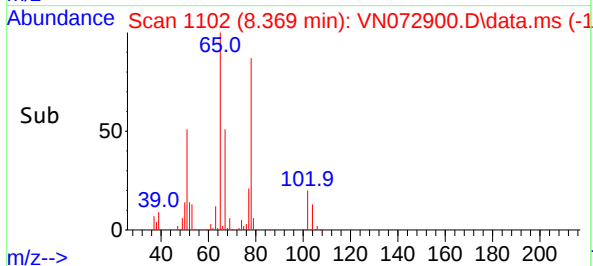
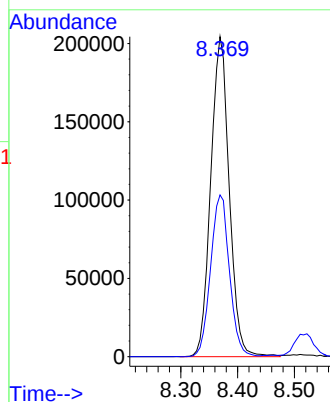
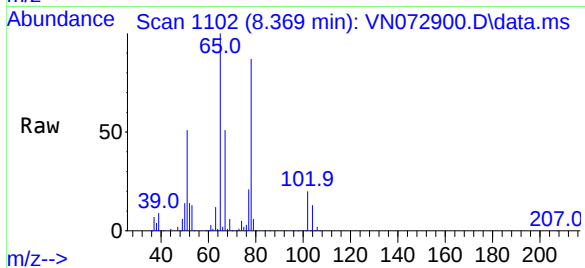




#33
1,2-Dichloroethane-d4
Concen: 39.323 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

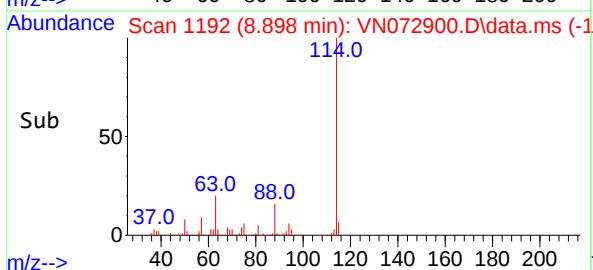
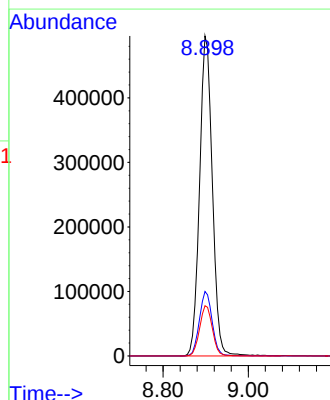
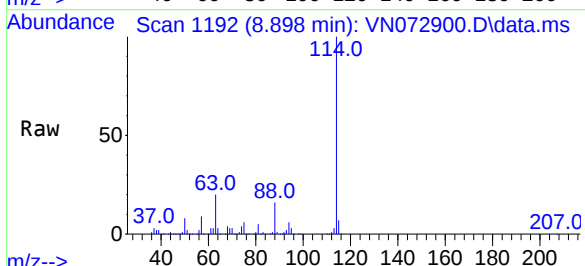
Instrument :
MSVOA_N
ClientSampleId :
MW-27

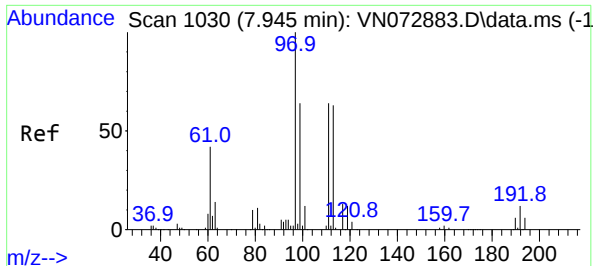
Tgt Ion: 65 Resp: 460371
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 114 Resp: 1032144
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.7 0.0 32.6

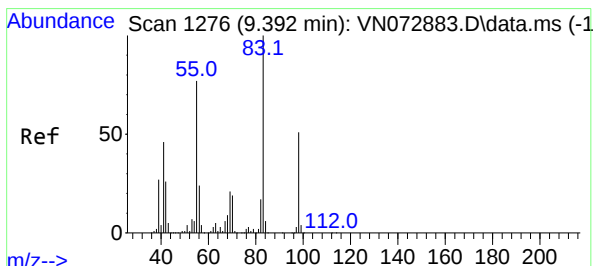
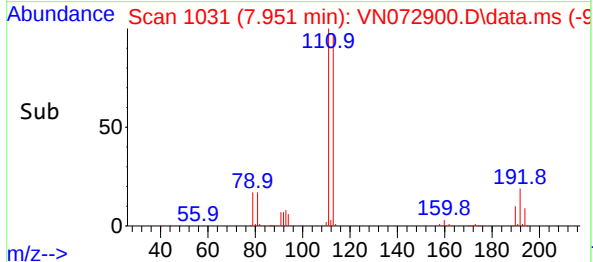
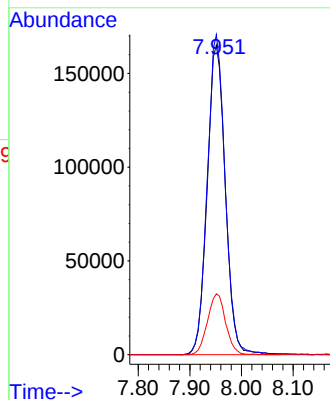
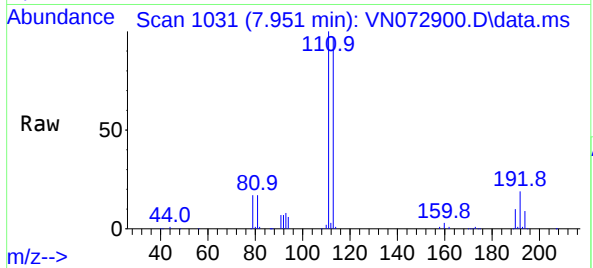




#35
Dibromofluoromethane
Concen: 42.955 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

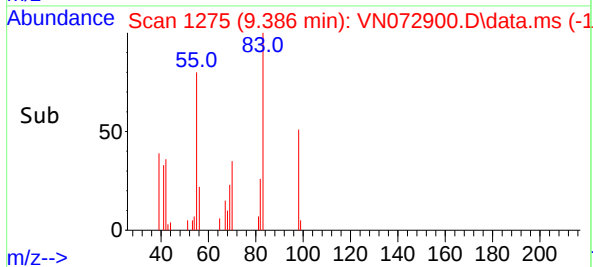
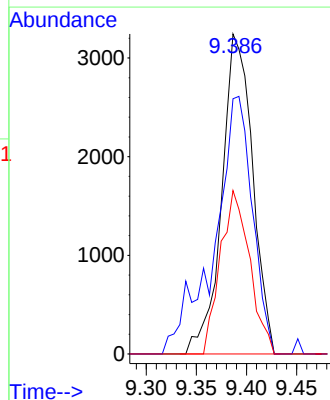
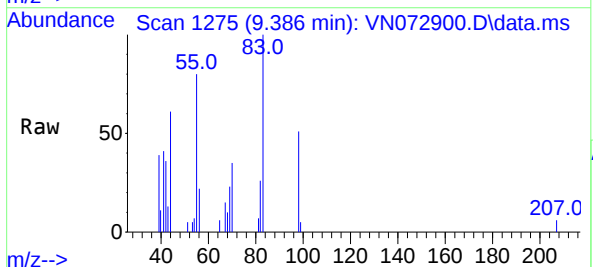
Instrument :
MSVOA_N
ClientSampleId :
MW-27

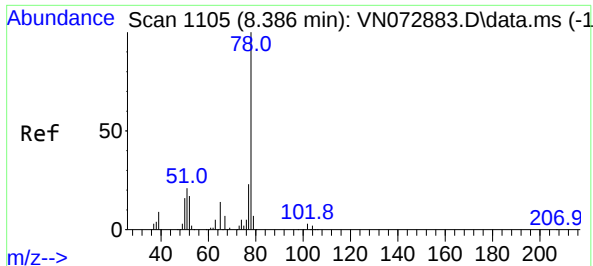
Tgt Ion:113 Resp: 402733
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.6 17.0 25.6



#39
Methylcyclohexane
Concen: 0.436 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 83 Resp: 6928
Ion Ratio Lower Upper
83 100
55 79.8 57.8 86.8
98 51.0 39.4 59.2

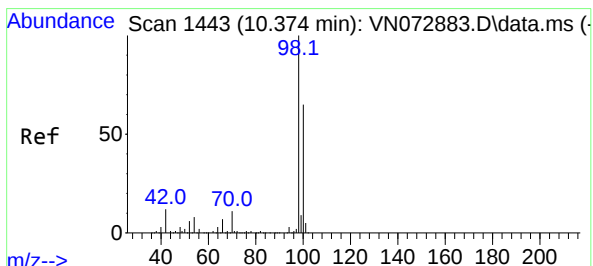
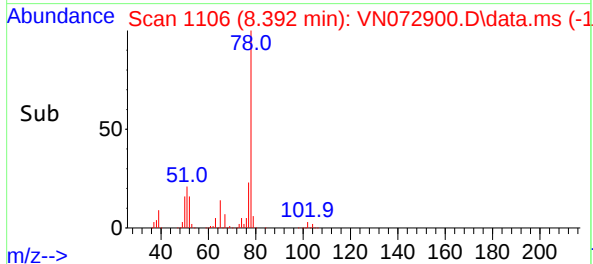
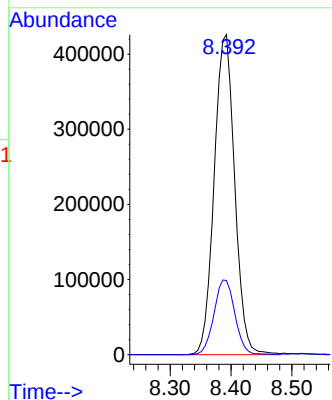
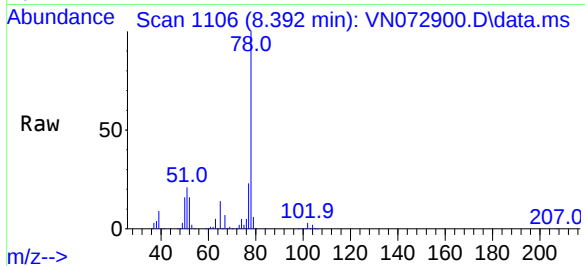




#40
Benzene
Concen: 24.433 ug/l
RT: 8.392 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

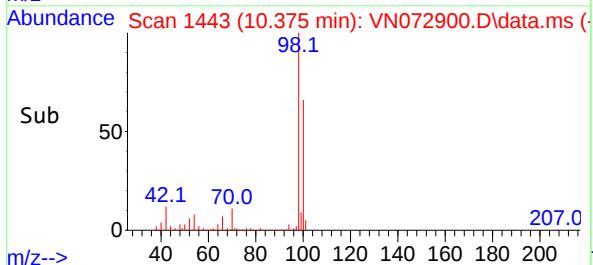
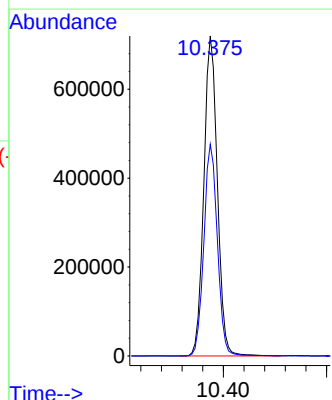
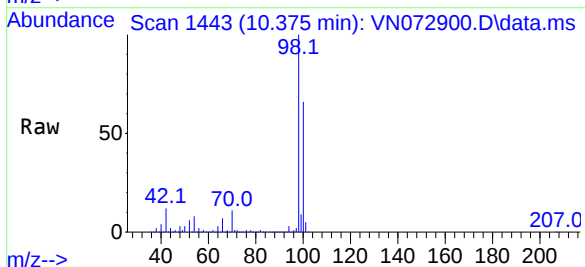
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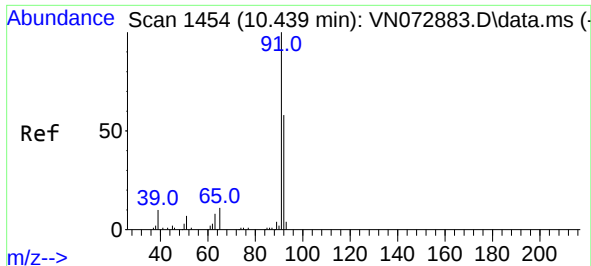
Tgt Ion: 78 Resp: 996790
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0



#50
Toluene-d8
Concen: 35.606 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 98 Resp: 1306690
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

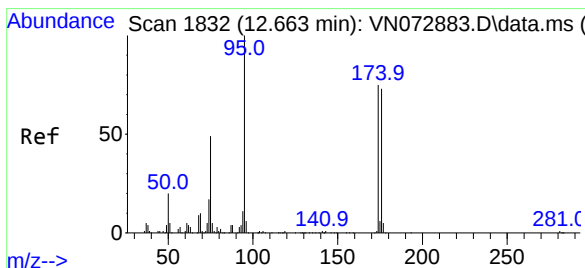
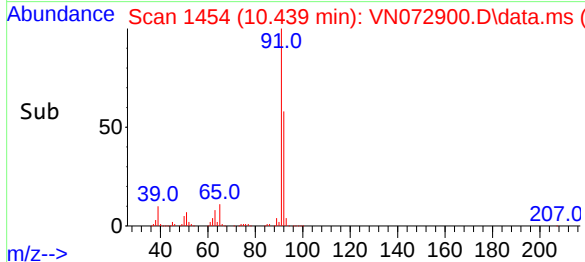
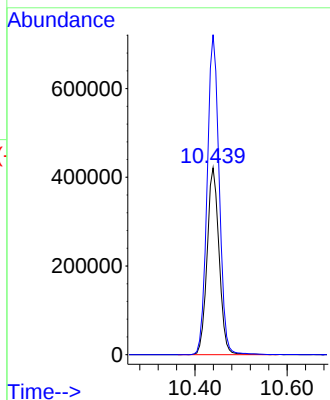
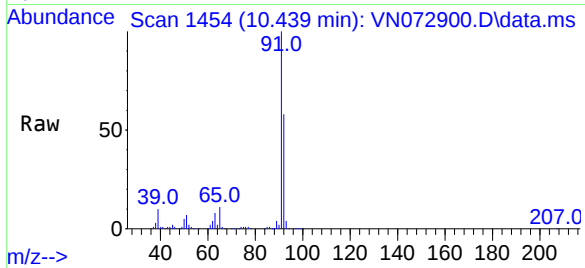




#52
Toluene
Concen: 28.917 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

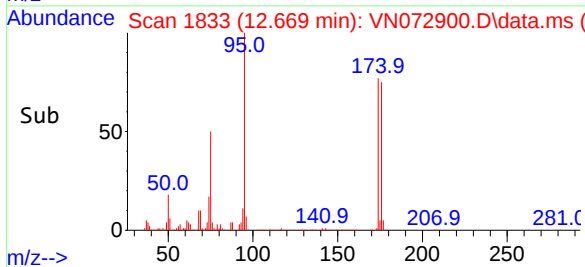
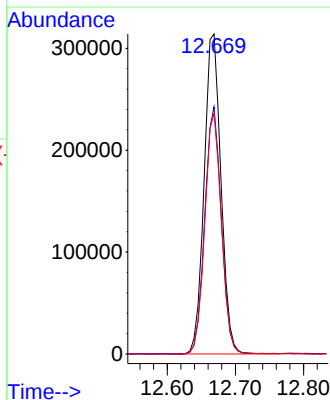
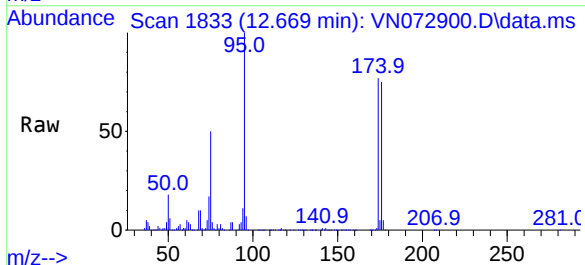
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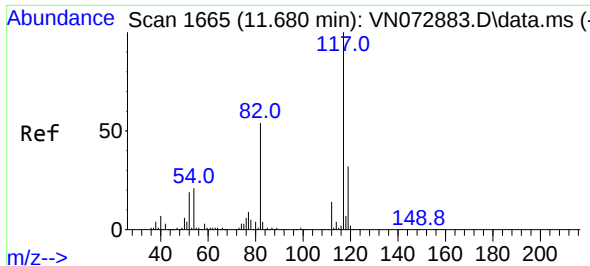
Tgt Ion: 92 Resp: 763450
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 42.432 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 95 Resp: 540186
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 73.9 0.0 163.4

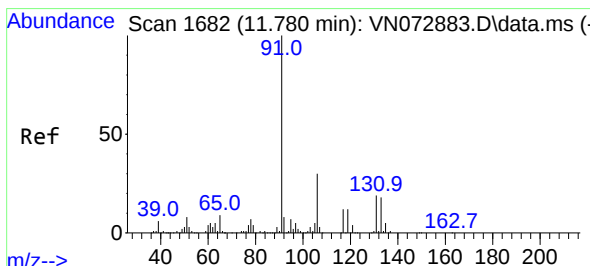
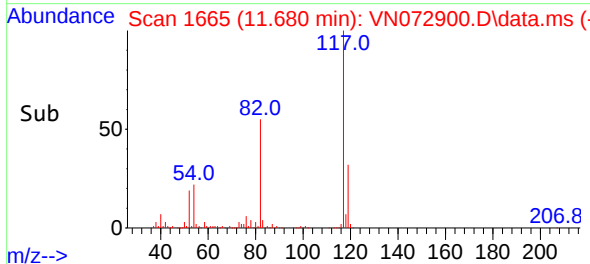
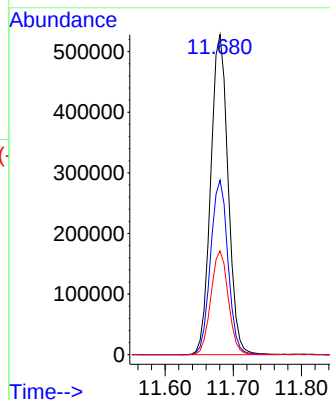
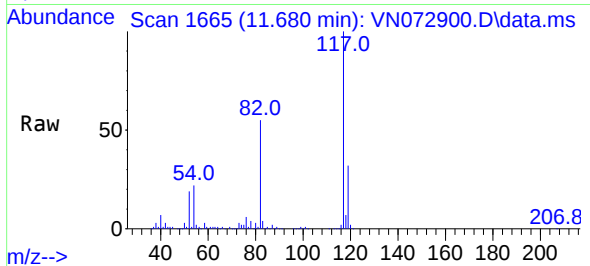




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

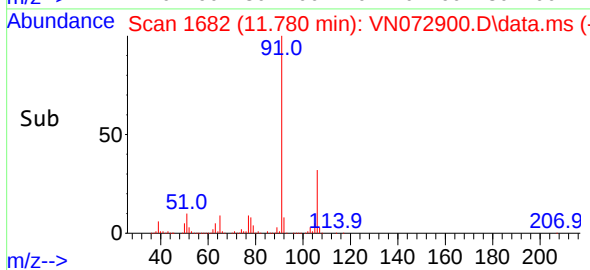
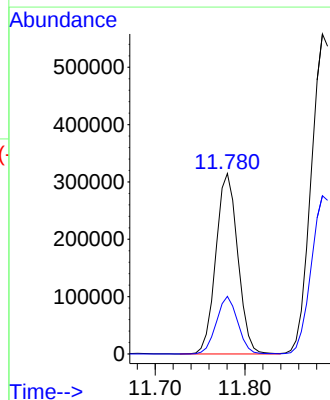
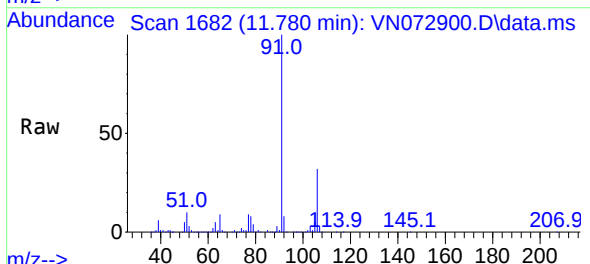
Instrument :
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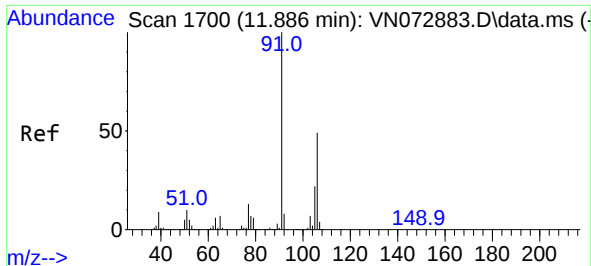
Tgt Ion:117 Resp: 939823
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 12.197 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 91 Resp: 533810
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

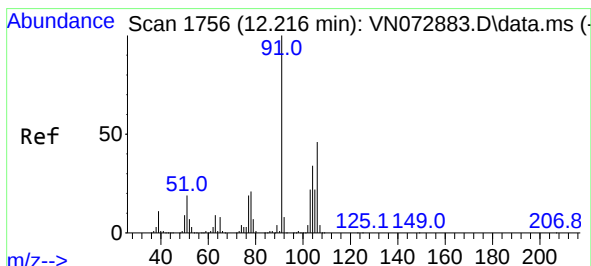
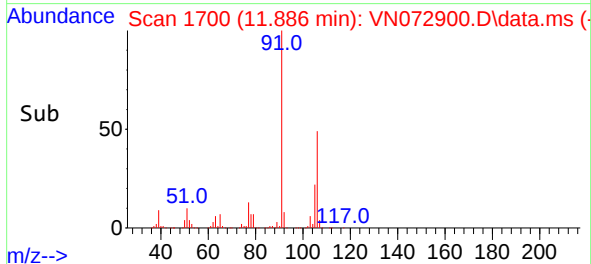
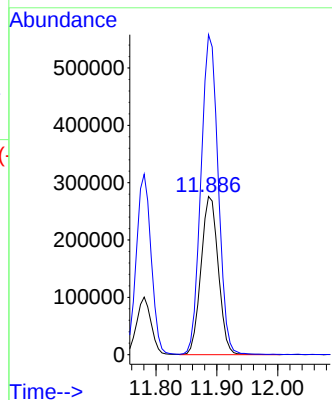
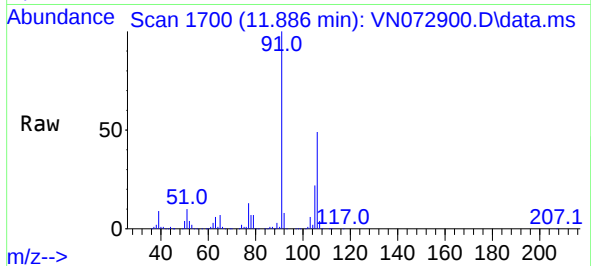




#68
m/p-Xylenes
Concen: 32.393 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

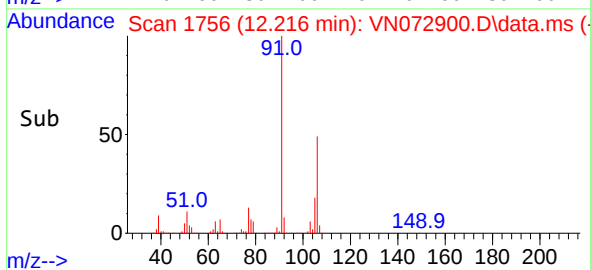
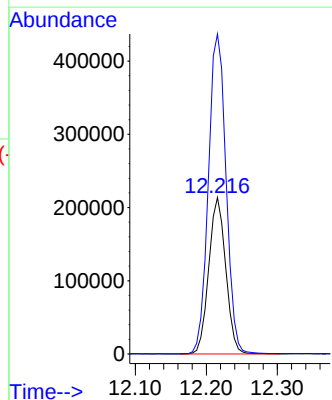
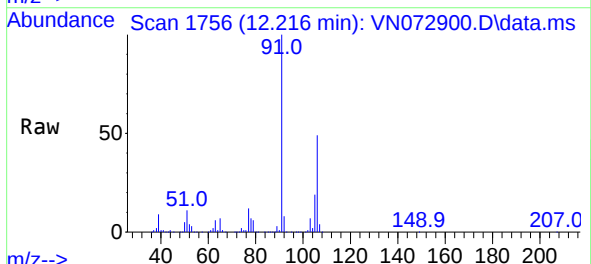
Instrument :
MSVOA_N
ClientSampleId :
MW-27

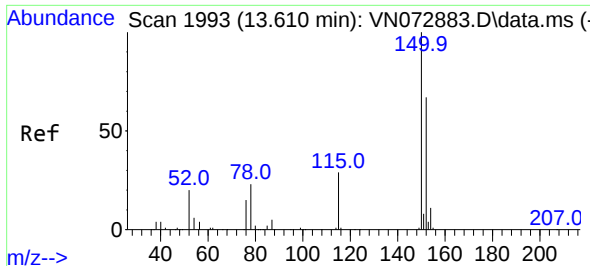
Tgt Ion:106 Resp: 544335
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3



#69
o-Xylene
Concen: 20.570 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion:106 Resp: 354630
Ion Ratio Lower Upper
106 100
91 212.6 106.0 318.0

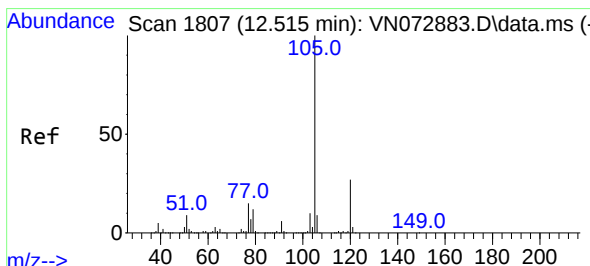
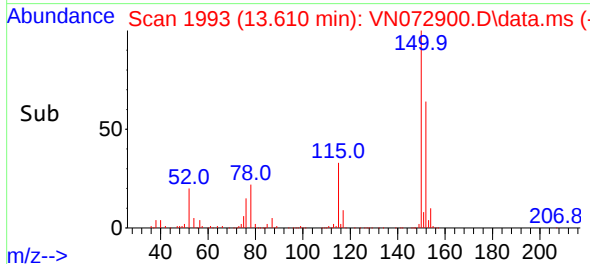
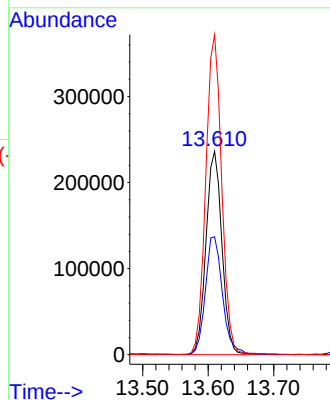
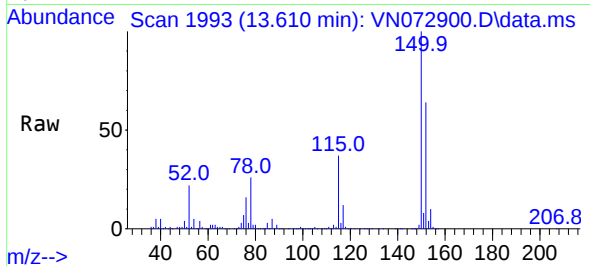




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

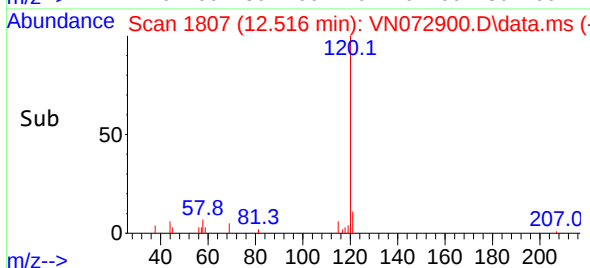
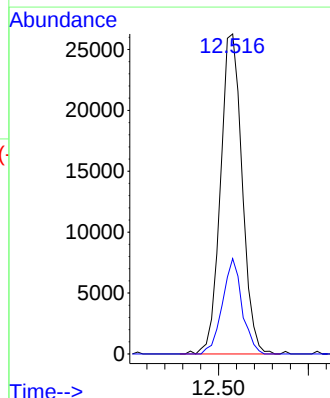
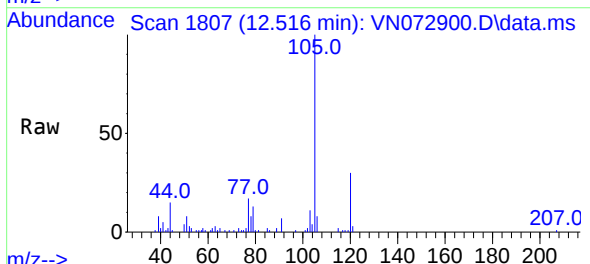
Instrument :
MSVOA_N
ClientSampleId :
MW-27

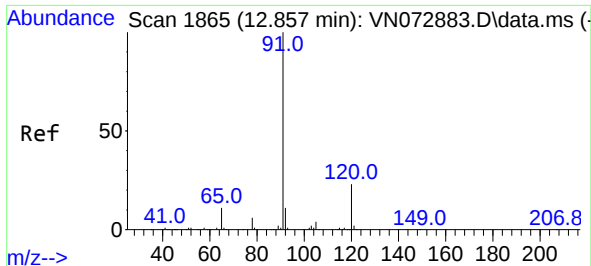
Tgt Ion:152 Resp: 401040
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 157.1 0.0 356.2



#73
Isopropylbenzene
Concen: 1.149 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion:105 Resp: 43932
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

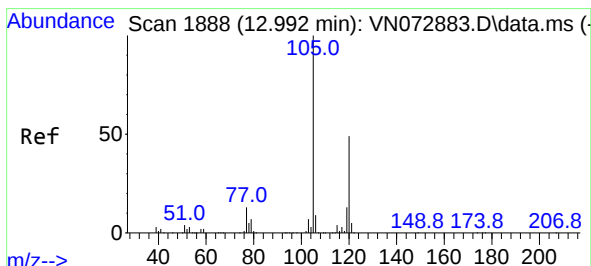
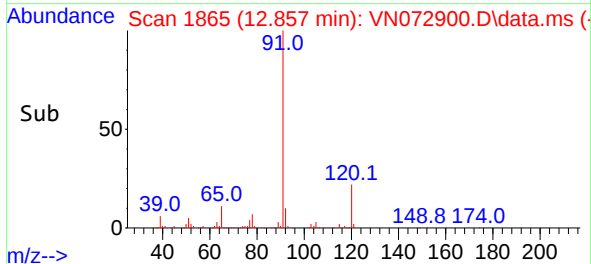
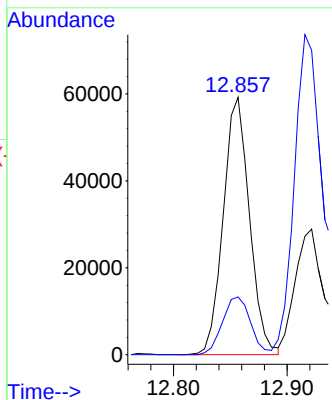
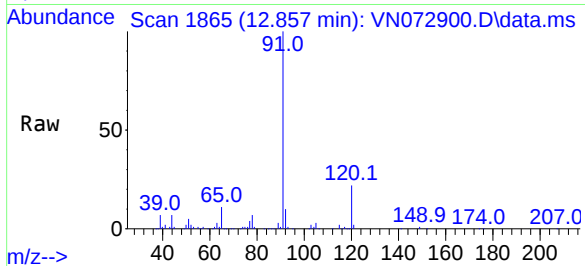




#78
n-propylbenzene
Concen: 2.383 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

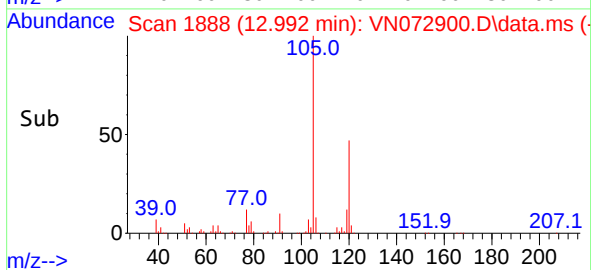
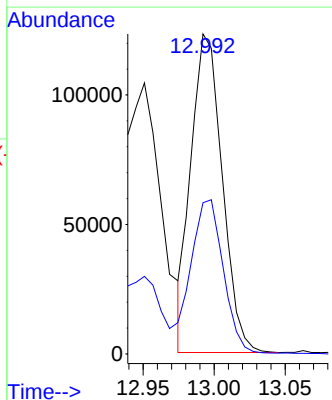
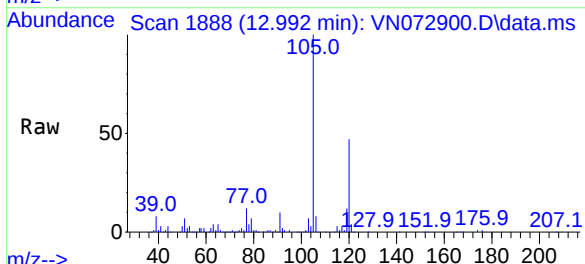
Instrument :
MSVOA_N
ClientSampleId :
MW-27

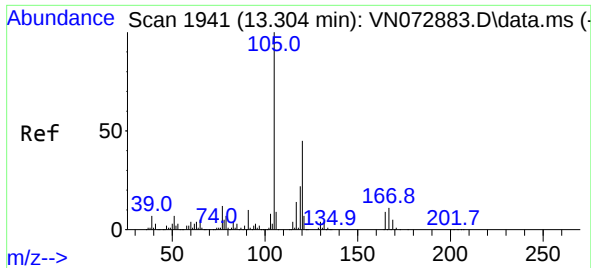
Tgt Ion: 91 Resp: 95059
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 6.118 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN072900.D
Acq: 17 Jun 2022 00:05

Tgt Ion: 105 Resp: 187517
Ion Ratio Lower Upper
105 100
120 51.9 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 24.240 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN072900.D
 Acq: 17 Jun 2022 00:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27

Tgt Ion:105 Resp: 714266
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.8

