

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073685.D
 Acq On : 02 Aug 2022 14:22
 Operator : JC\MD
 Sample : N3971-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16SR

Quant Time: Aug 03 02:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

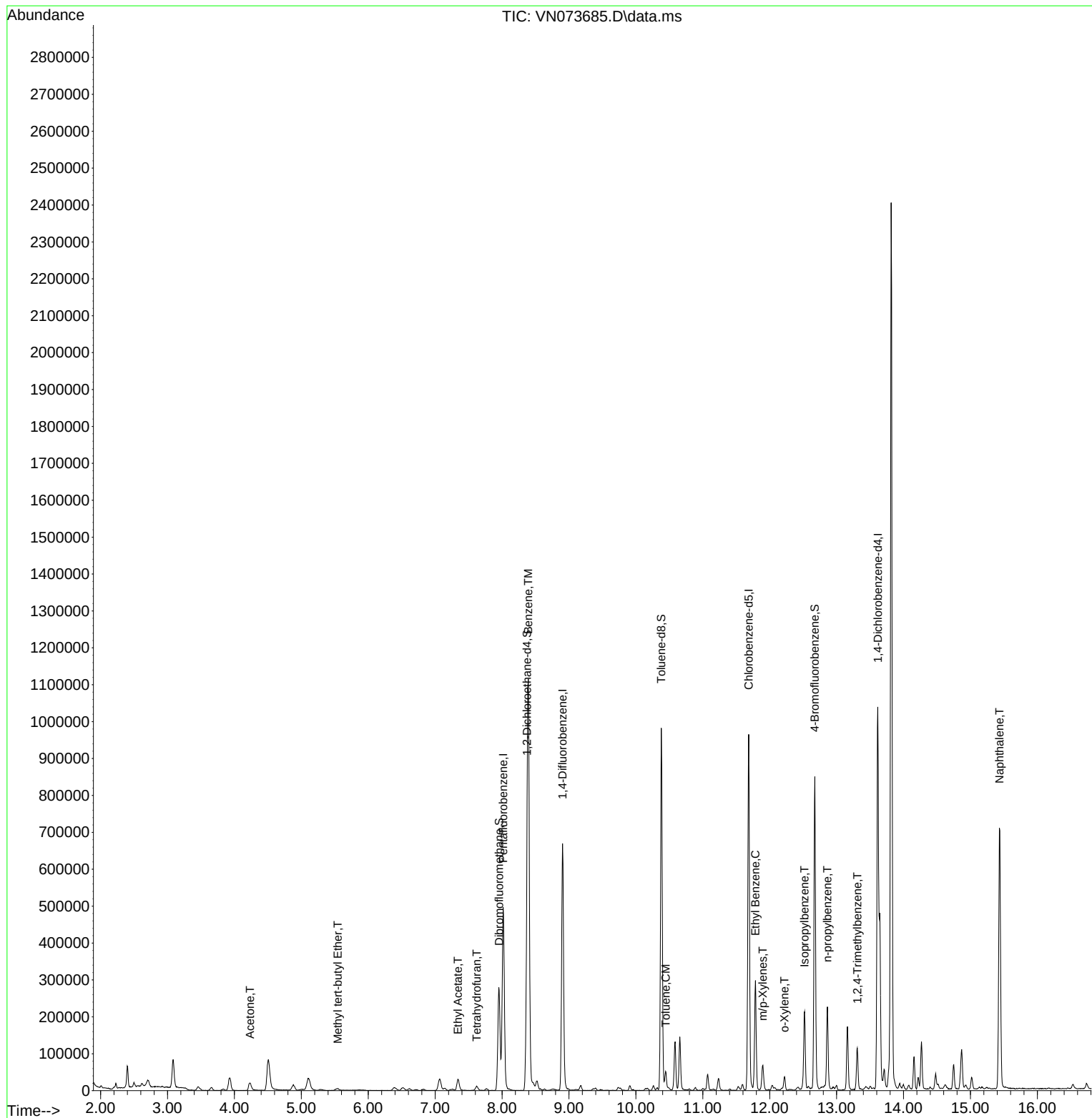
Internal Standards						
1) Pentafluorobenzene	8.016	168	372625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	602740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	577767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	294488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	219377	48.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.620%
35) Dibromofluoromethane	7.957	113	203709	53.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.640%
50) Toluene-d8	10.380	98	689338	46.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.674	95	270163	53.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.120%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	40219	16.490	ug/l	93
19) Methyl tert-butyl Ether	5.545	73	5246	0.434	ug/l #	41
29) Tetrahydrofuran	7.622	42	8308	3.469	ug/l	98
37) Ethyl Acetate	7.339	43	49255	6.933	ug/l	99
40) Benzene	8.392	78	1109279	63.327	ug/l	100
52) Toluene	10.445	92	20677	1.933	ug/l	96
67) Ethyl Benzene	11.786	91	209783	10.133	ug/l	98
68) m/p-Xylenes	11.898	106	22657	2.869	ug/l	95
69) o-Xylene	12.221	106	10264	1.333	ug/l	97
73) Isopropylbenzene	12.521	105	139100	6.453	ug/l	98
78) n-propylbenzene	12.863	91	175627	7.241	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	64234	3.682	ug/l	99
95) Naphthalene	15.433	128	671305	40.118	ug/l	100

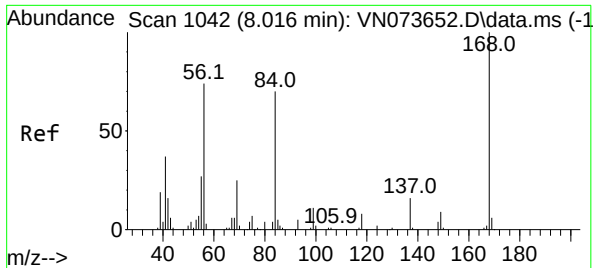
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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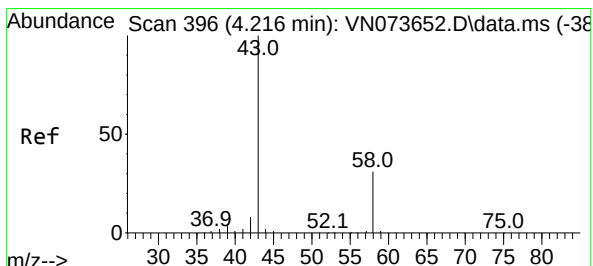
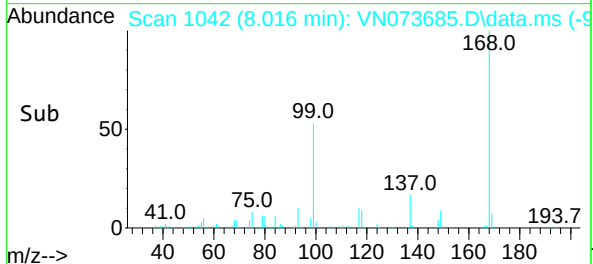
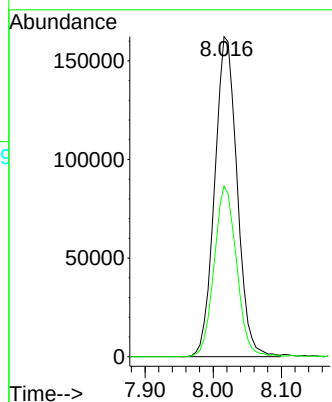
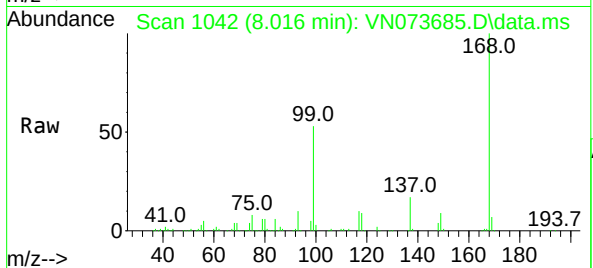




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

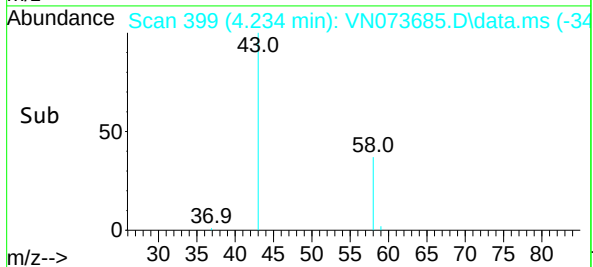
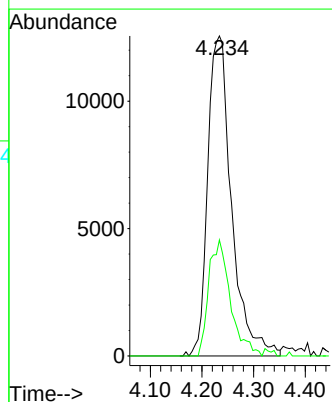
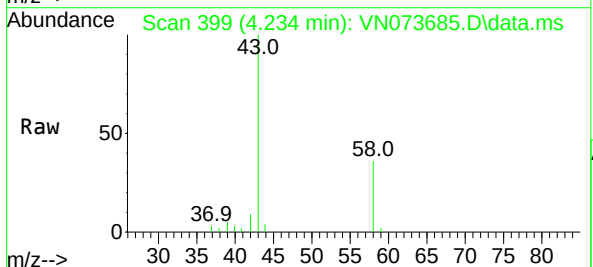
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

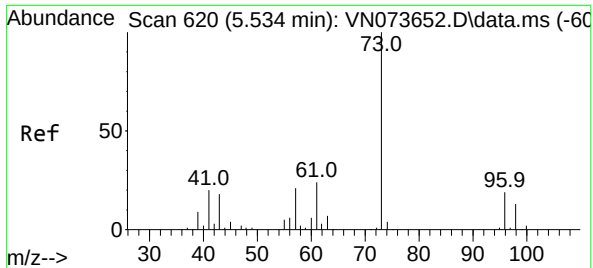
Tgt Ion:168 Resp: 372625
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#16
Acetone
Concen: 16.490 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion: 43 Resp: 40219
Ion Ratio Lower Upper
43 100
58 36.2 26.0 39.0

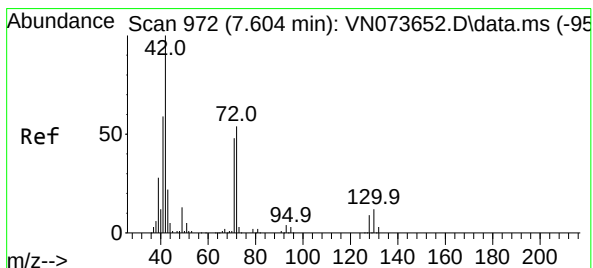
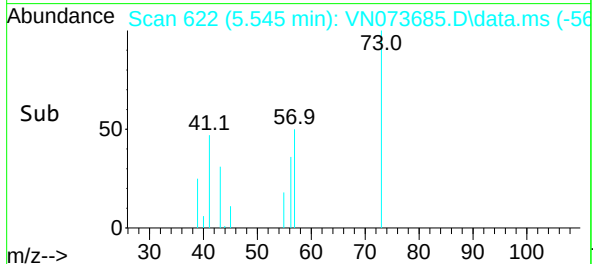
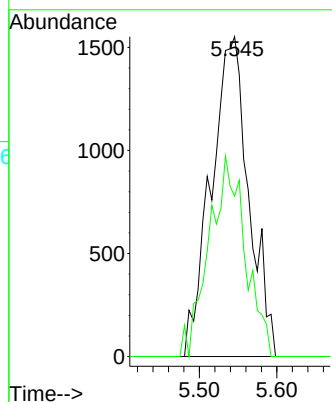
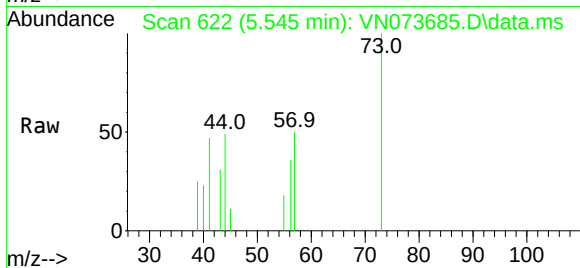




#19
Methyl tert-butyl Ether
Concen: 0.434 ug/l
RT: 5.545 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

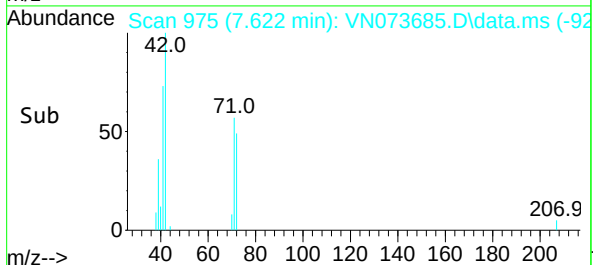
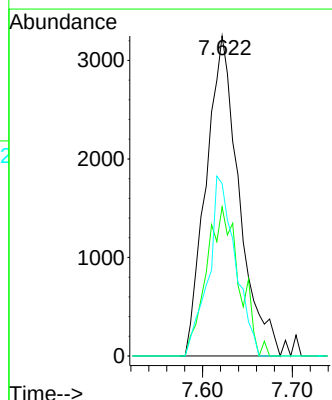
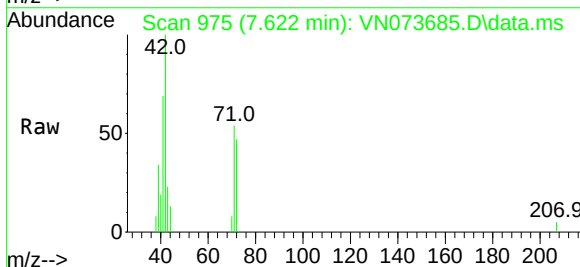
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

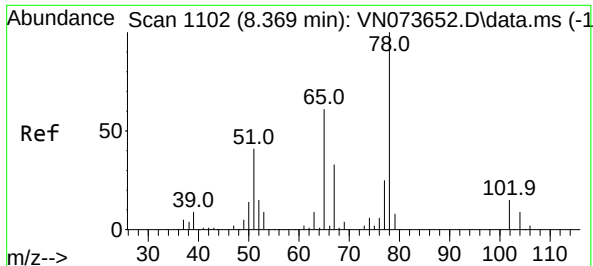
Tgt Ion: 73 Resp: 5246
Ion Ratio Lower Upper
73 100
57 50.1 17.6 26.4#



#29
Tetrahydrofuran
Concen: 3.469 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion: 42 Resp: 8308
Ion Ratio Lower Upper
42 100
72 46.4 39.7 59.5
71 45.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.310 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073685.D

Acq: 02 Aug 2022 14:22

Instrument :

MSVOA_N

ClientSampleId :

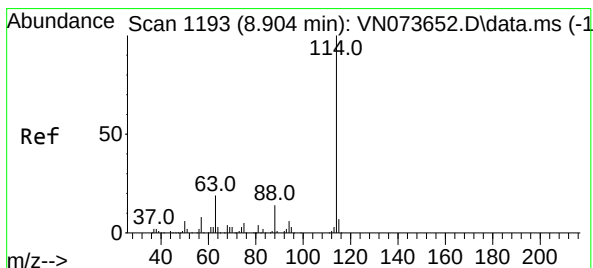
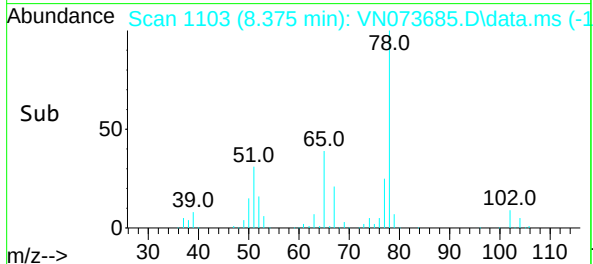
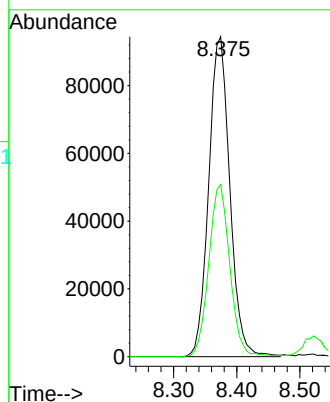
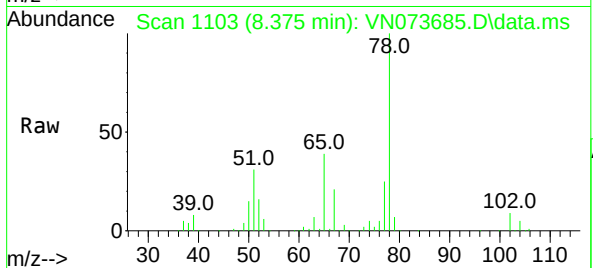
MW-16SR

Tgt Ion: 65 Resp: 219377

Ion Ratio Lower Upper

65 100

67 53.7 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: VN073685.D

Acq: 02 Aug 2022 14:22

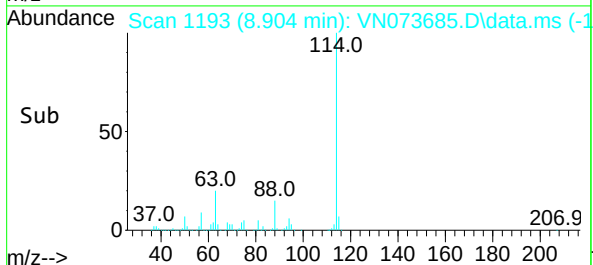
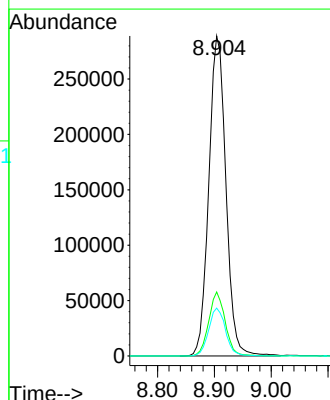
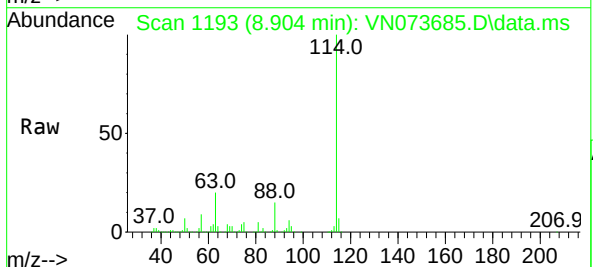
Tgt Ion: 114 Resp: 602740

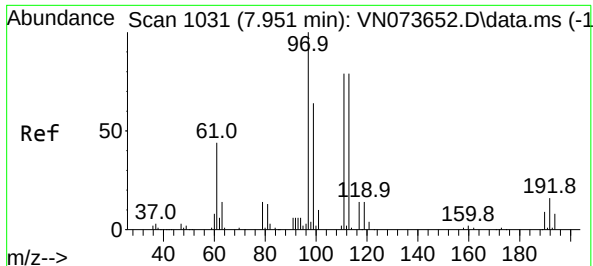
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.823 ug/l

RT: 7.957 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN073685.D

Acq: 02 Aug 2022 14:22

Instrument :

MSVOA_N

ClientSampleId :

MW-16SR

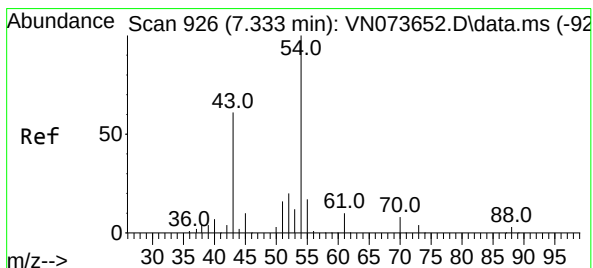
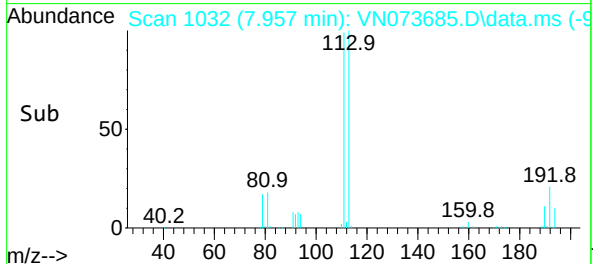
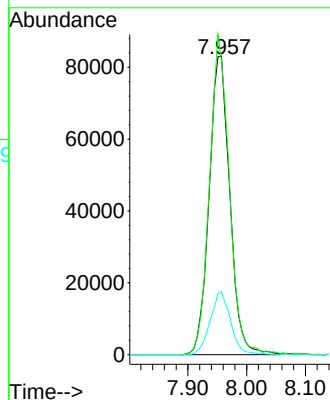
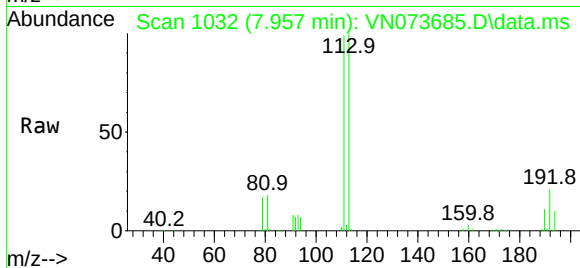
Tgt Ion:113 Resp: 203709

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 20.7 17.0 25.6



#37

Ethyl Acetate

Concen: 6.933 ug/l

RT: 7.339 min Scan# 927

Delta R.T. -0.000 min

Lab File: VN073685.D

Acq: 02 Aug 2022 14:22

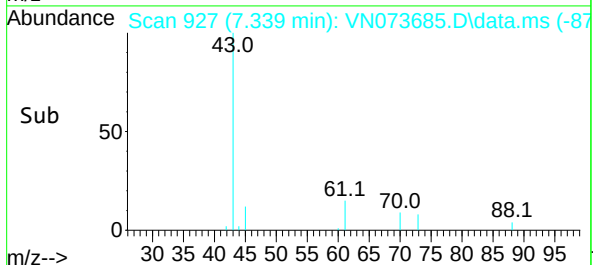
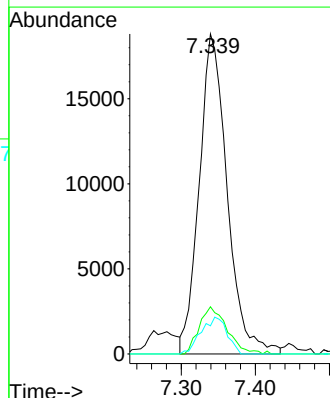
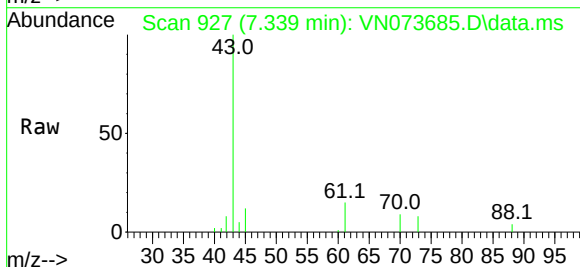
Tgt Ion: 43 Resp: 49255

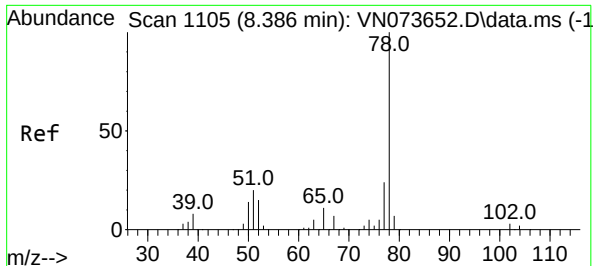
Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.6

70 10.7 9.3 13.9

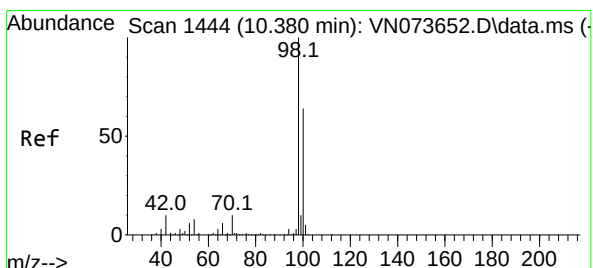
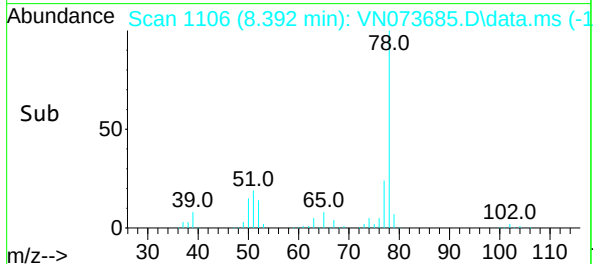
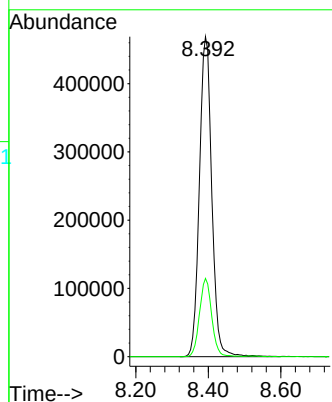
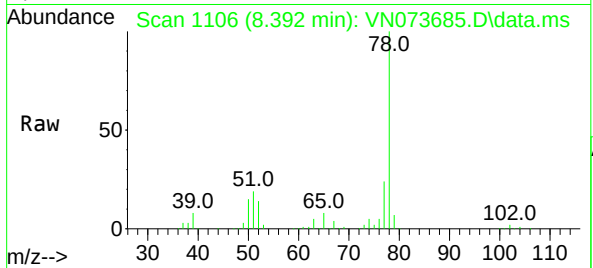




#40
Benzene
Concen: 63.327 ug/l
RT: 8.392 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

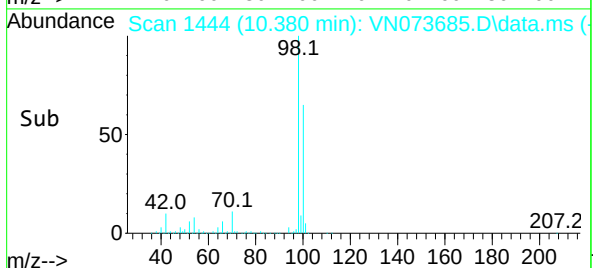
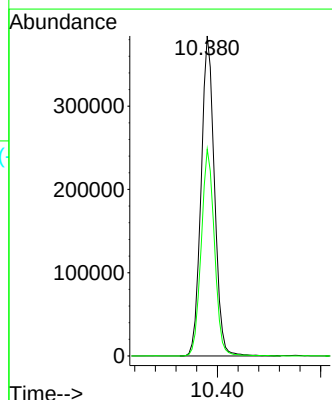
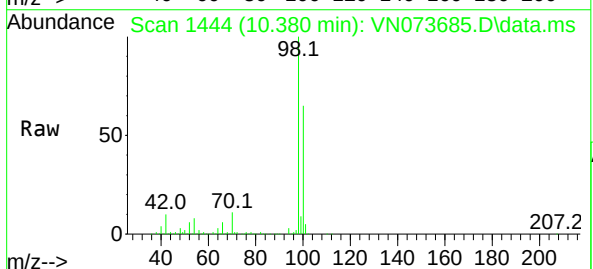
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MW-16SR

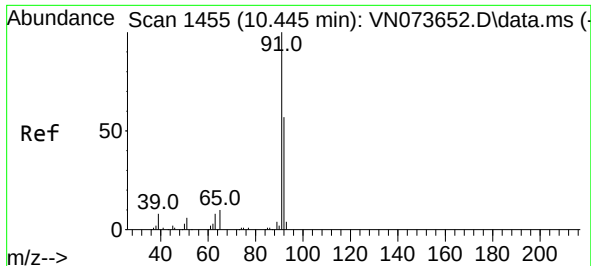
Tgt Ion: 78 Resp: 1109279
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



#50
Toluene-d8
Concen: 46.284 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion: 98 Resp: 689338
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

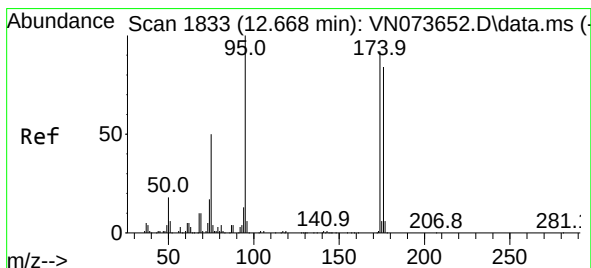
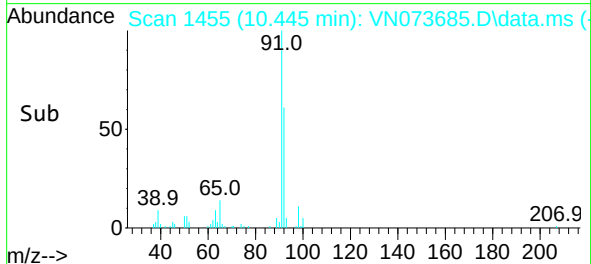
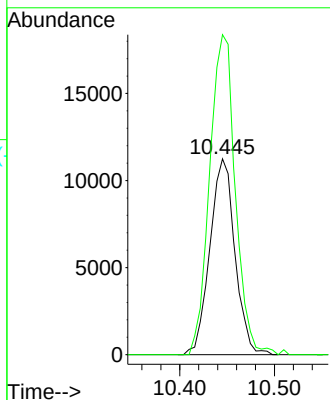
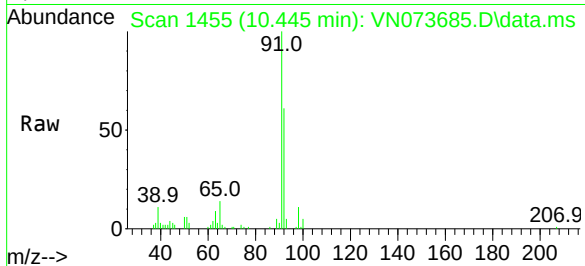




#52
Toluene
Concen: 1.933 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

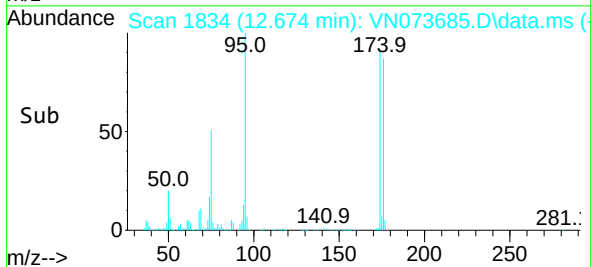
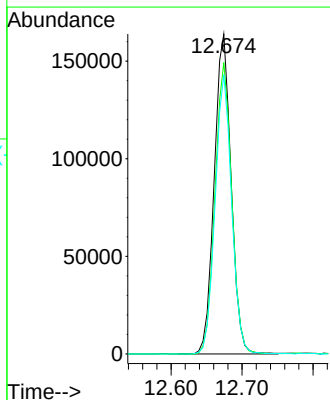
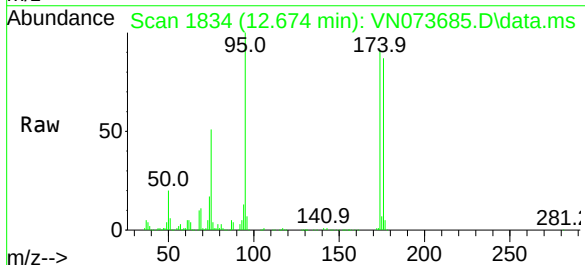
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MW-16SR

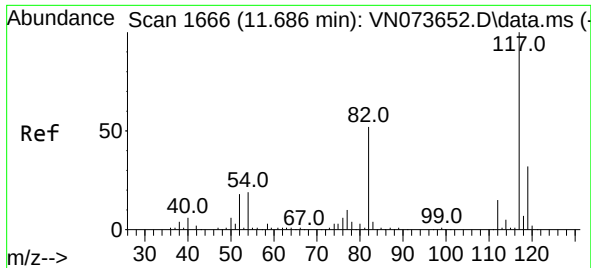
Tgt Ion: 92 Resp: 20677
Ion Ratio Lower Upper
92 100
91 167.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.556 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion: 95 Resp: 270163
Ion Ratio Lower Upper
95 100
174 90.1 0.0 167.6
176 85.2 0.0 163.4

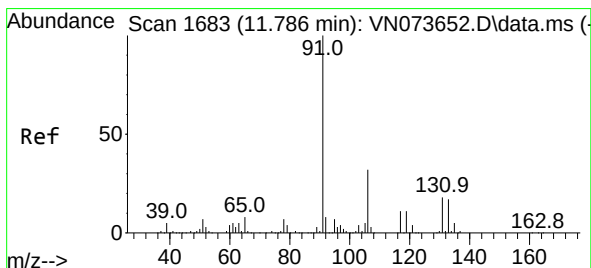
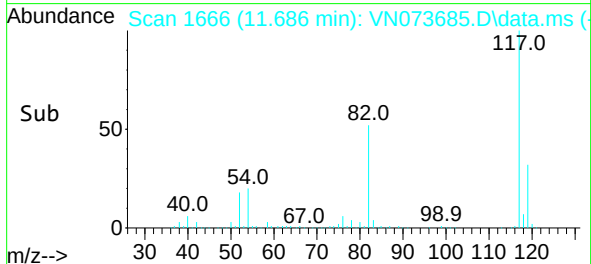
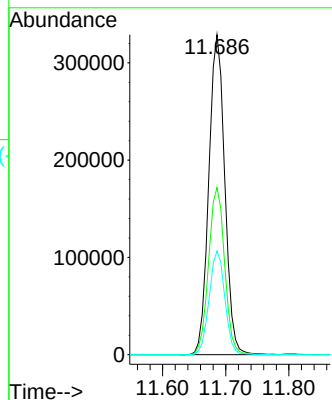
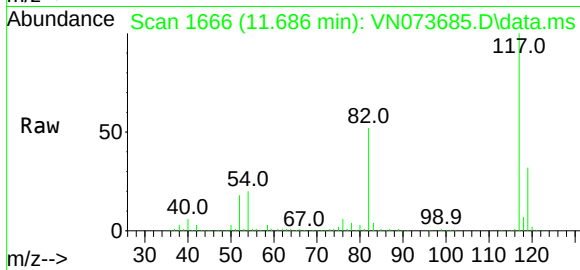




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

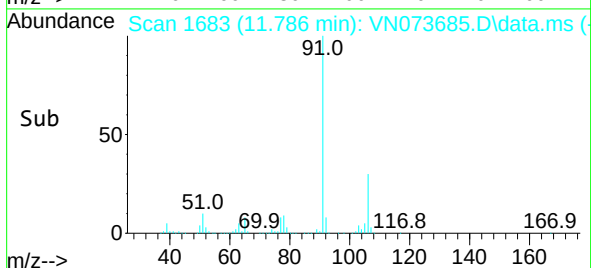
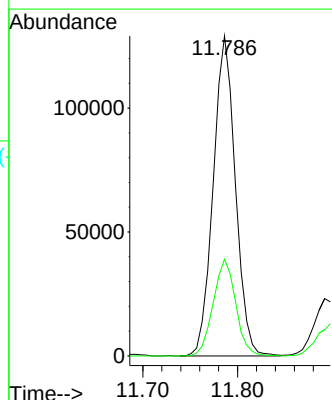
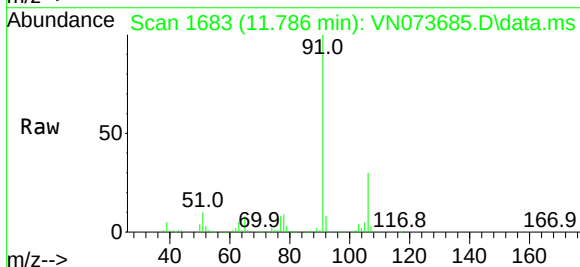
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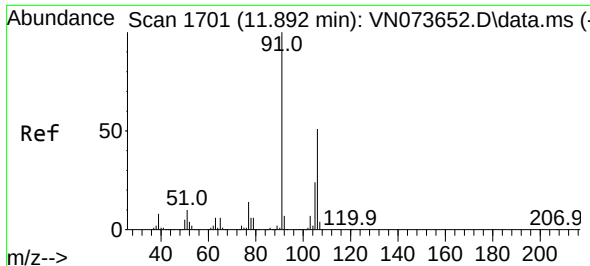
Tgt Ion:117 Resp: 577767
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 10.133 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion: 91 Resp: 209783
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

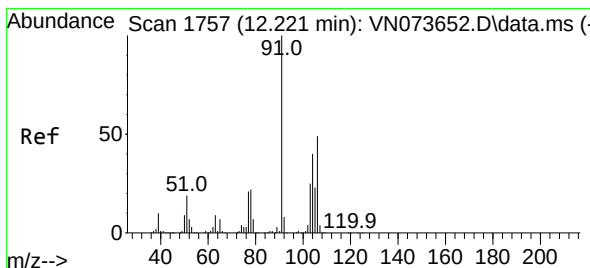
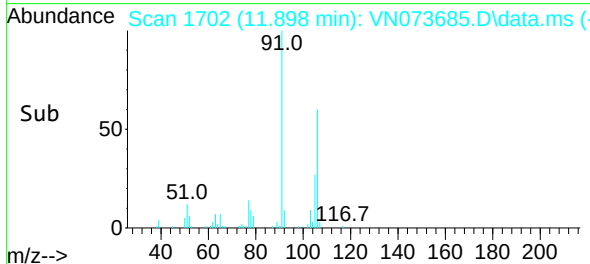
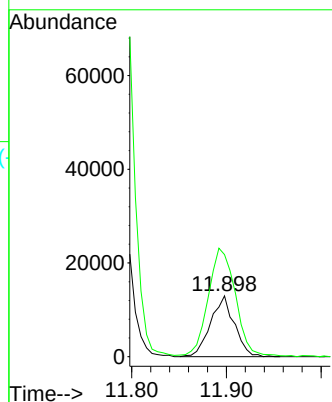
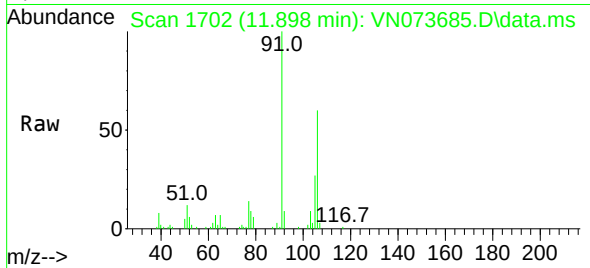




#68
m/p-Xylenes
Concen: 2.869 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

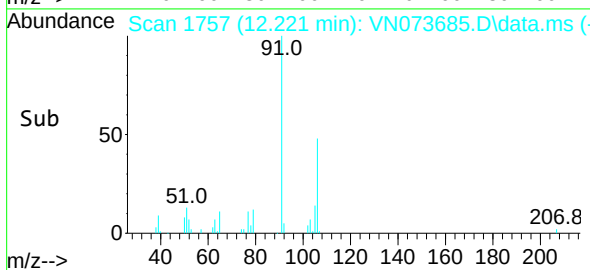
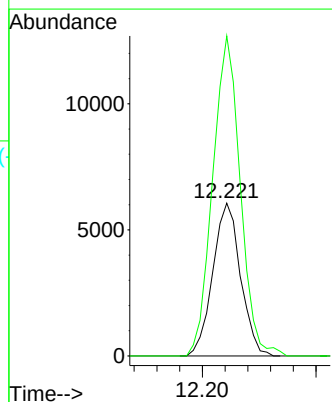
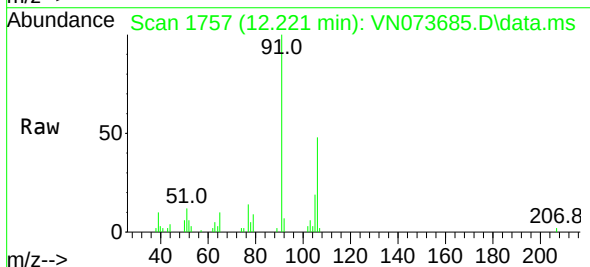
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

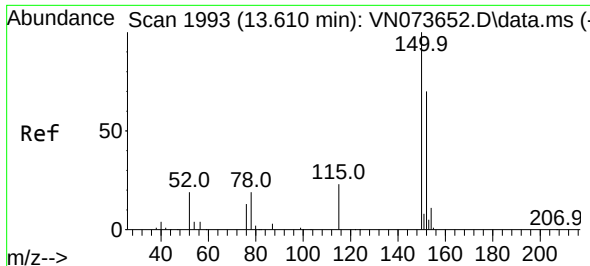
Tgt Ion:106 Resp: 22657
Ion Ratio Lower Upper
106 100
91 206.4 158.9 238.3



#69
o-Xylene
Concen: 1.333 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion:106 Resp: 10264
Ion Ratio Lower Upper
106 100
91 208.0 106.0 318.0

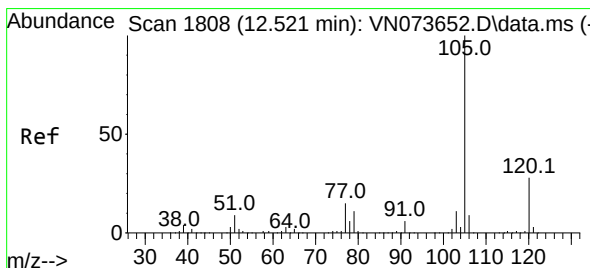
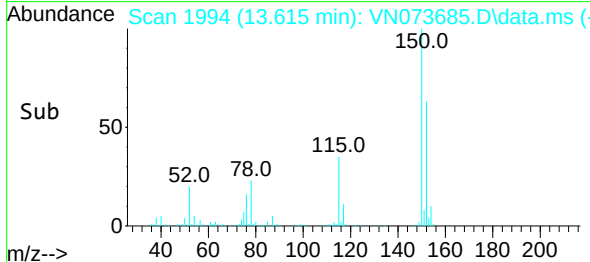
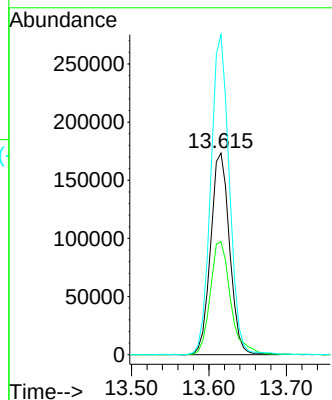
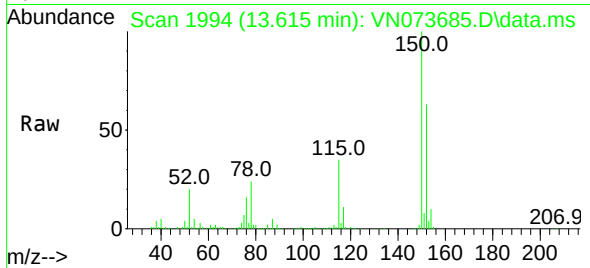




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

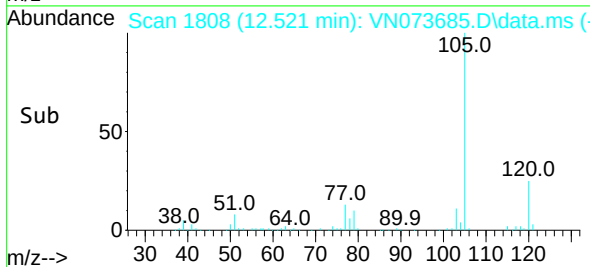
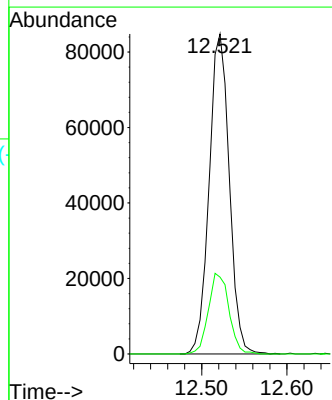
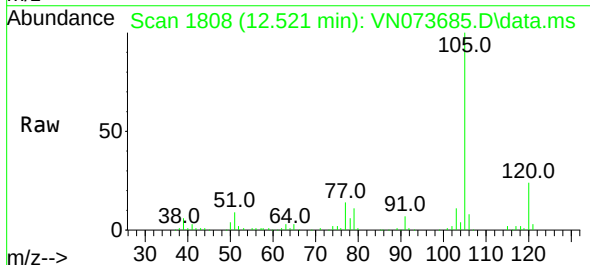
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

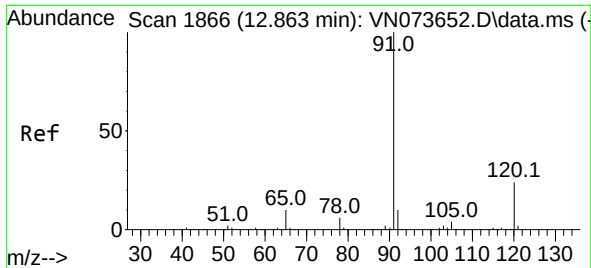
Tgt Ion:152 Resp: 294488
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 156.1 0.0 356.2



#73
Isopropylbenzene
Concen: 6.453 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion:105 Resp: 139100
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

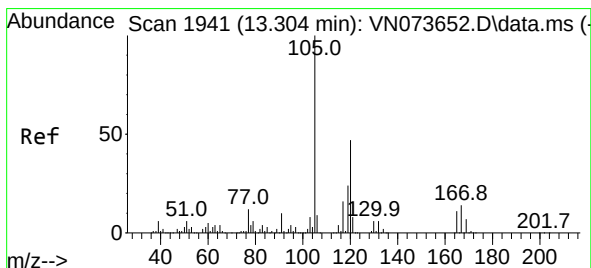
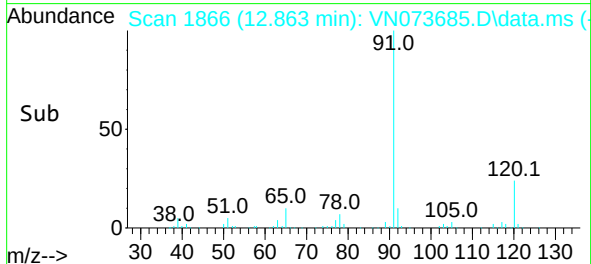
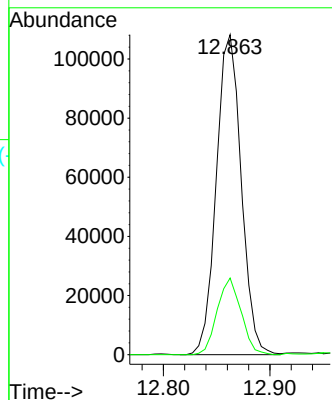
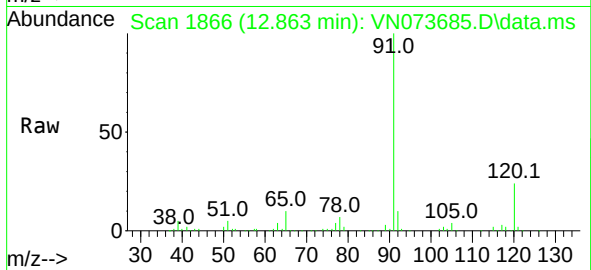




#78
n-propylbenzene
Concen: 7.241 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

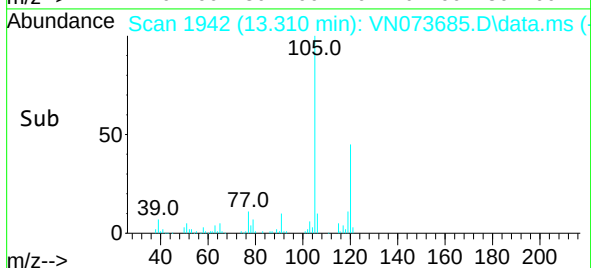
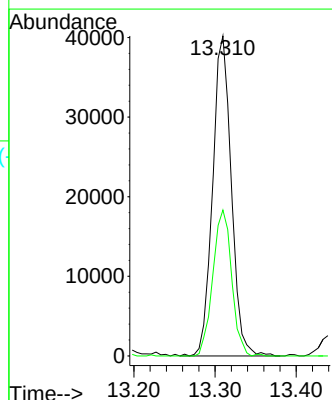
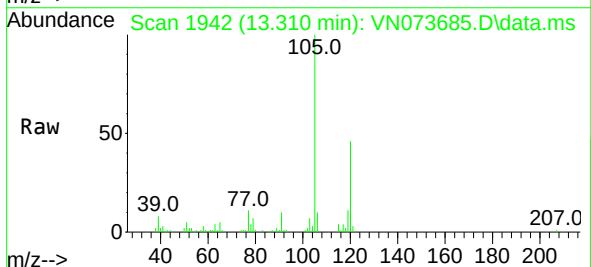
Instrument :
MSVOA_N
ClientSampleId :
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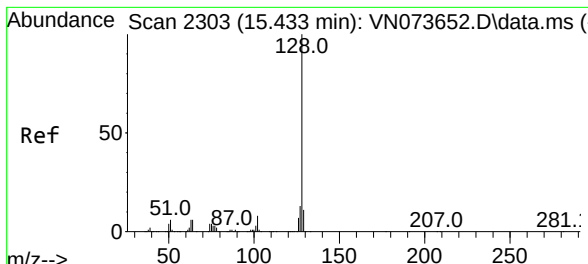
Tgt Ion: 91 Resp: 175627
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 3.682 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073685.D
Acq: 02 Aug 2022 14:22

Tgt Ion: 105 Resp: 64234
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





#95
 Naphthalene
 Concen: 40.118 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN073685.D
 Acq: 02 Aug 2022 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16SR

Tgt Ion:128 Resp: 671305

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.6	13.0

