

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072139.D
 Acq On : 21 Apr 2022 20:45
 Operator : JC\MD
 Sample : N2481-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16SR

Quant Time: Apr 22 01:27:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

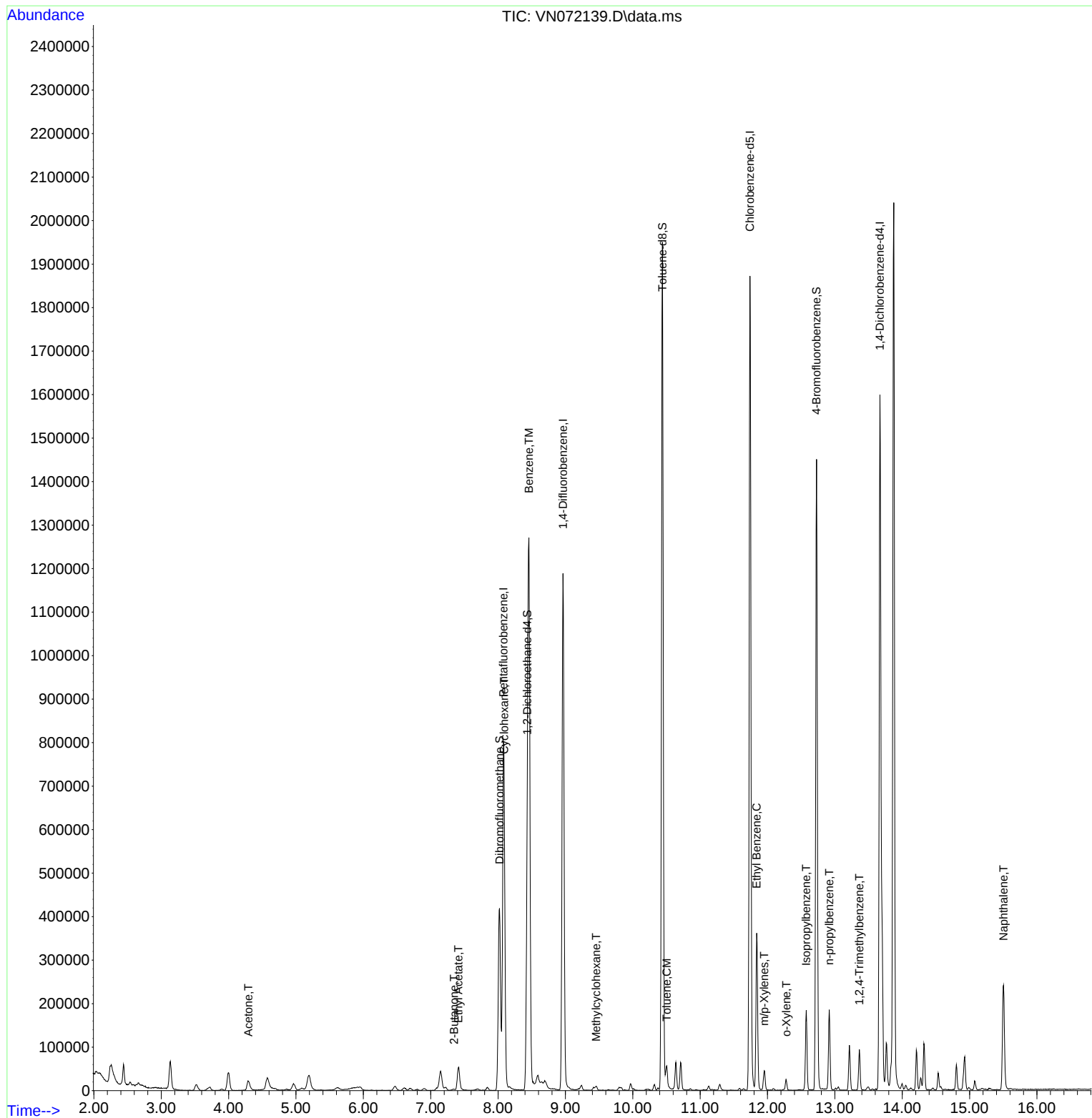
Internal Standards						
1) Pentafluorobenzene	8.080	168	655621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1123372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1201648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	475758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	350525	46.832	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.660%
35) Dibromofluoromethane	8.022	113	320068	48.419	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.840%
50) Toluene-d8	10.439	98	1419400	52.489	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.727	95	513694	58.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.480%
Target Compounds						
					Qvalue	
16) Acetone	4.292	43	39066	12.213	ug/l	96
25) 2-Butanone	7.345	43	4411	0.957	ug/l	100
31) Cyclohexane	8.092	56	28461	2.796	ug/l #	46
37) Ethyl Acetate	7.410	43	81017	8.018	ug/l	96
39) Methylcyclohexane	9.457	83	4738	0.431	ug/l #	92
40) Benzene	8.457	78	1265711	43.404	ug/l	99
52) Toluene	10.504	92	21426	1.162	ug/l	98
67) Ethyl Benzene	11.839	91	274225	6.732	ug/l	99
68) m/p-Xylenes	11.951	106	16121	1.030	ug/l	95
69) o-Xylene	12.280	106	7345	0.473	ug/l	89
73) Isopropylbenzene	12.574	105	119344	2.977	ug/l	98
78) n-propylbenzene	12.915	91	149770	3.551	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	51932	1.676	ug/l	99
95) Naphthalene	15.504	128	256471	14.741	ug/l	100

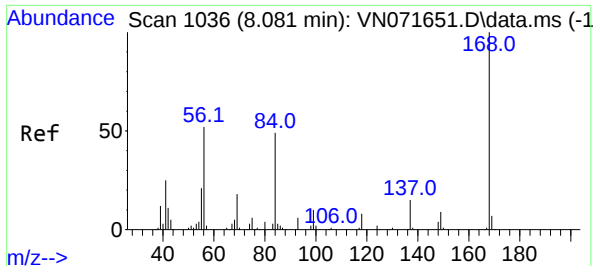
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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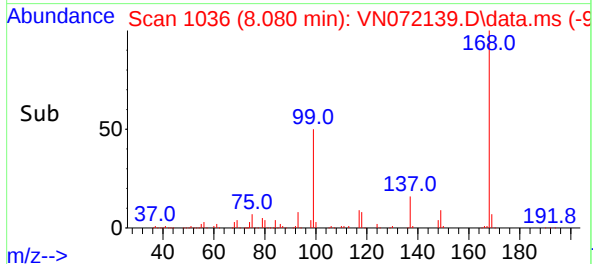
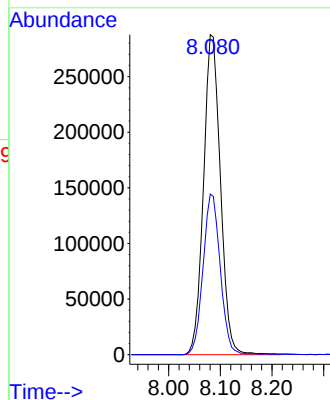
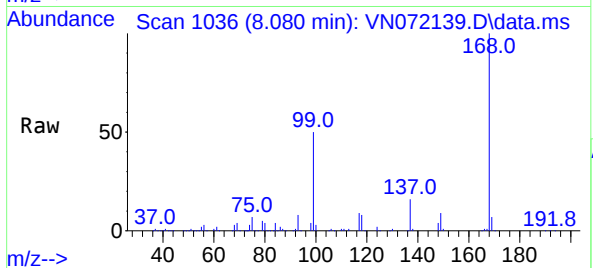




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

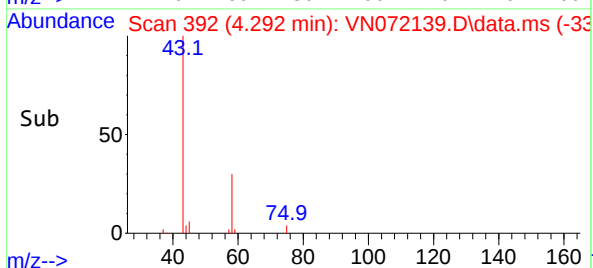
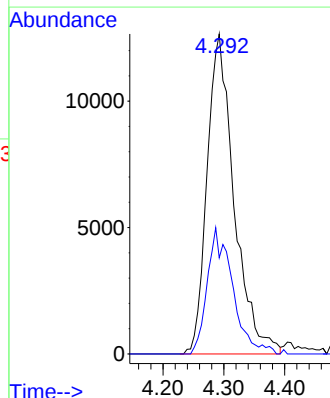
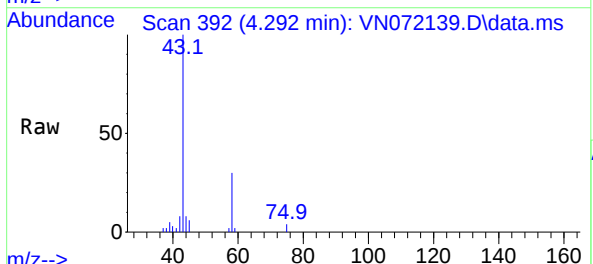
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

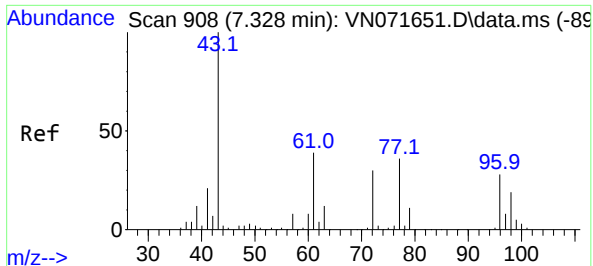
Tgt Ion:168 Resp: 655621
Ion Ratio Lower Upper
168 100
99 50.2 42.3 63.5



#16
Acetone
Concen: 12.213 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion: 43 Resp: 39066
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0





#25

2-Butanone

Concen: 0.957 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072139.D

Acq: 21 Apr 2022 20:45

Instrument :

MSVOA_N

ClientSampleId :

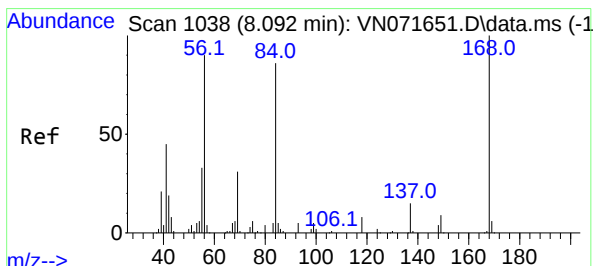
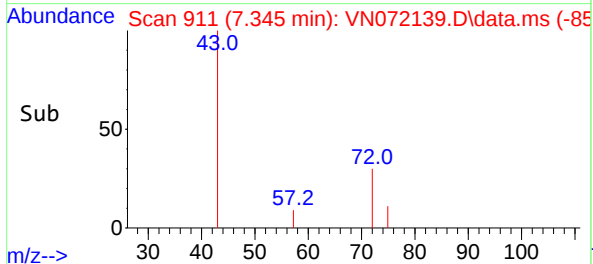
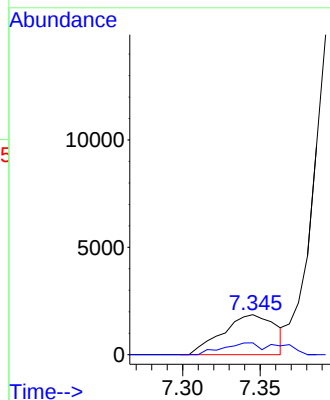
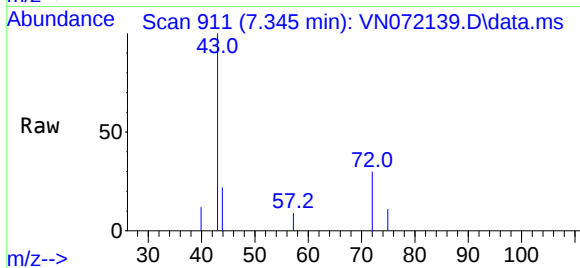
MW-16SR

Tgt Ion: 43 Resp: 4411

Ion Ratio Lower Upper

43 100

72 29.6 23.7 35.5



#31

Cyclohexane

Concen: 2.796 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072139.D

Acq: 21 Apr 2022 20:45

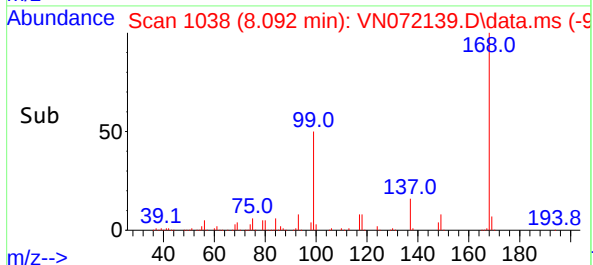
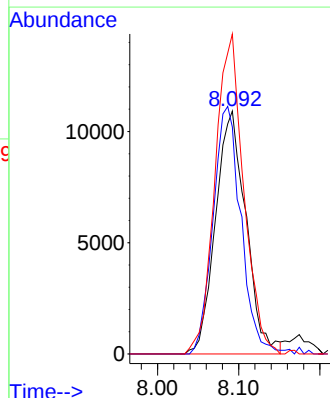
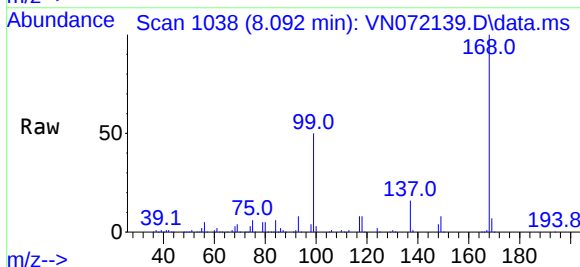
Tgt Ion: 56 Resp: 28461

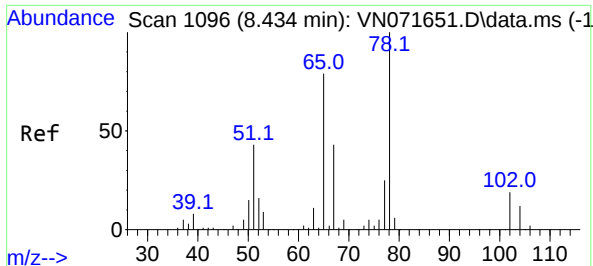
Ion Ratio Lower Upper

56 100

69 93.4 27.8 41.8#

84 131.7 76.9 115.3#

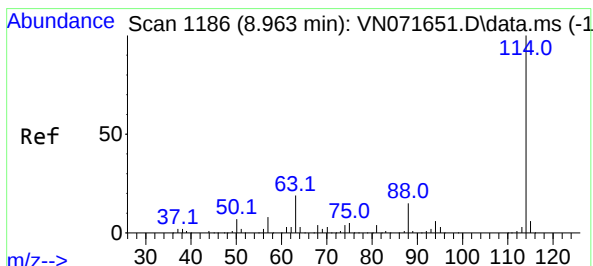
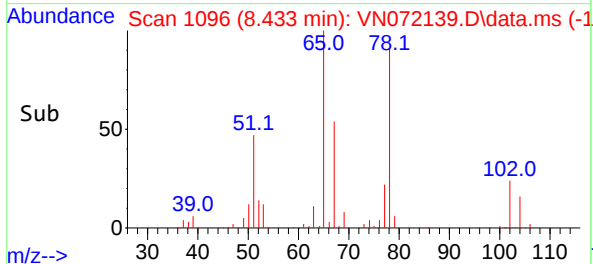
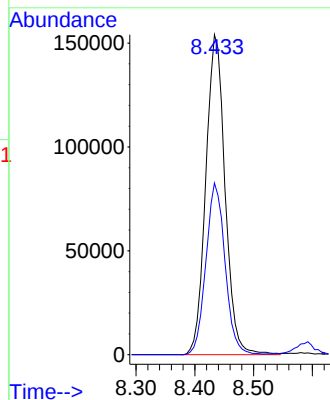
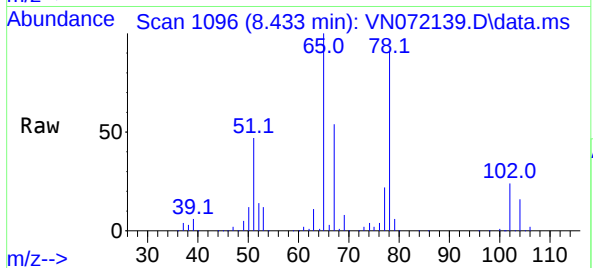




#33
1,2-Dichloroethane-d4
Concen: 46.832 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

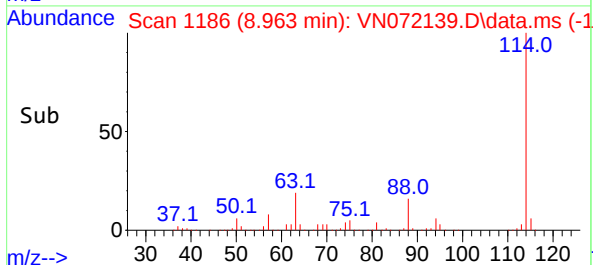
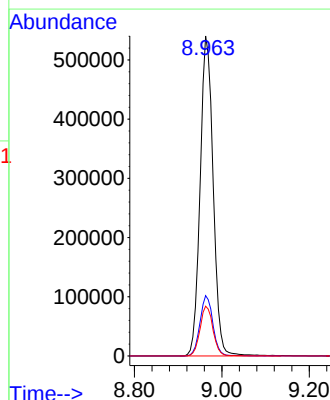
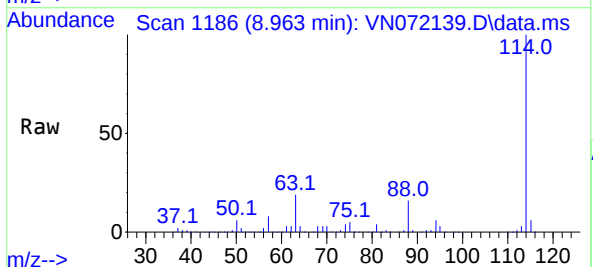
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

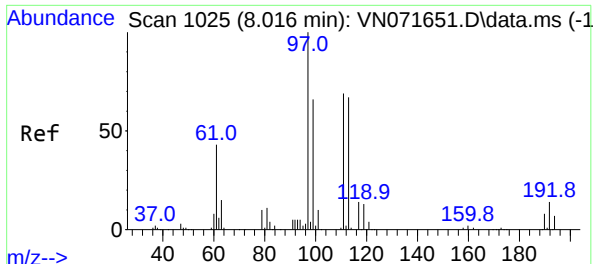
Tgt Ion: 65 Resp: 350525
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion:114 Resp: 1123372
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.5 0.0 32.6

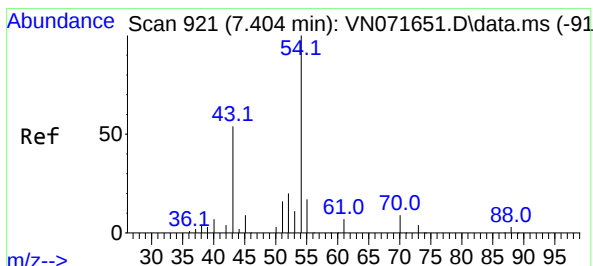
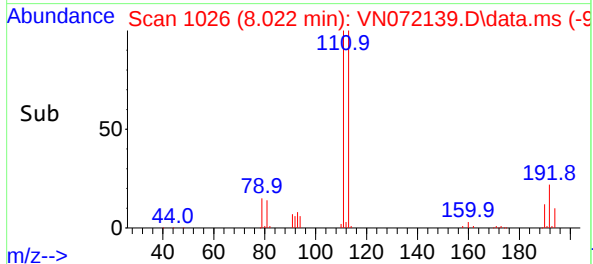
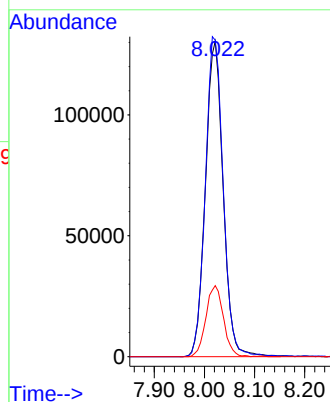
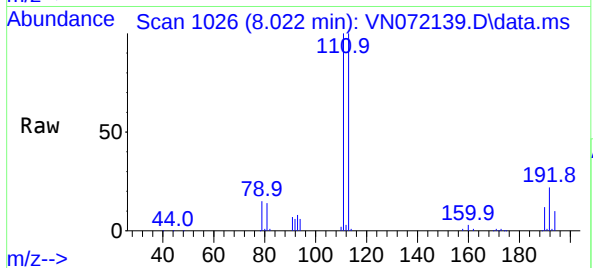




#35
Dibromofluoromethane
Concen: 48.419 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

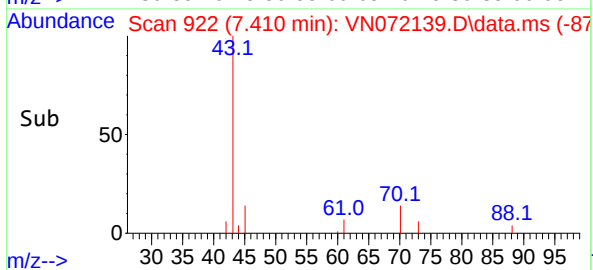
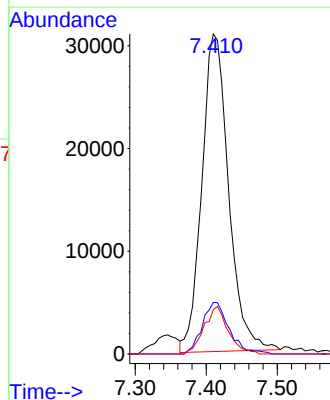
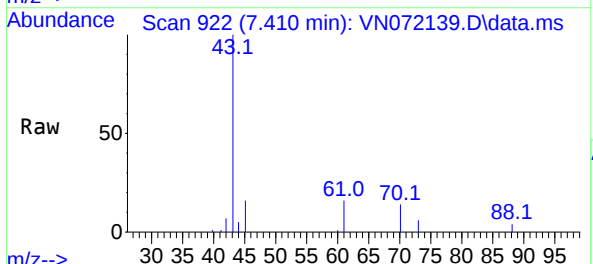
Instrument :
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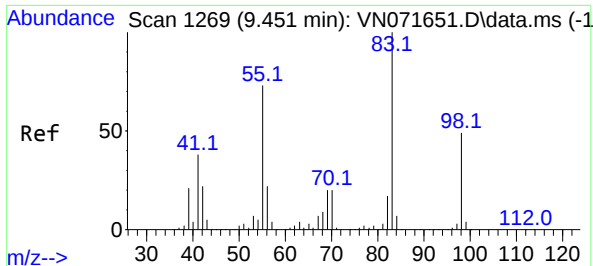
Tgt Ion:113 Resp: 320068
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 22.3 17.0 25.6



#37
Ethyl Acetate
Concen: 8.018 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion: 43 Resp: 81017
Ion Ratio Lower Upper
43 100
61 16.3 11.8 17.6
70 13.5 9.3 13.9

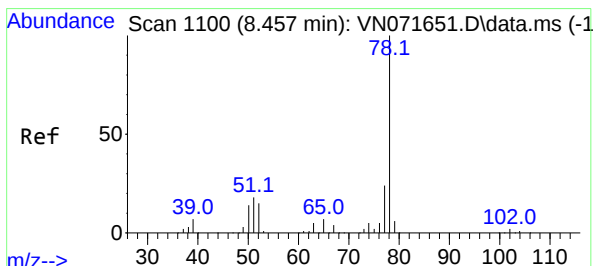
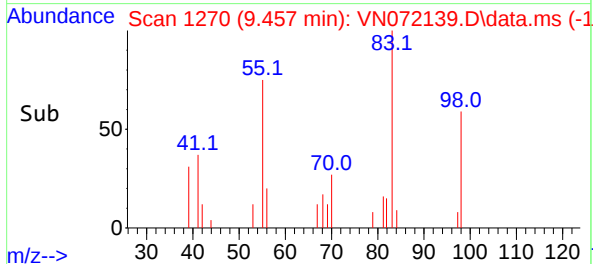
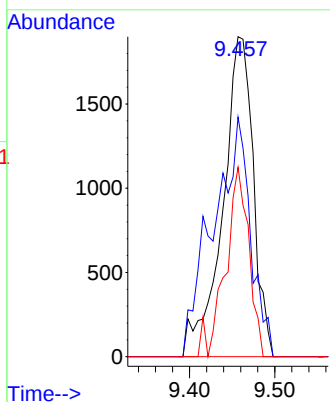
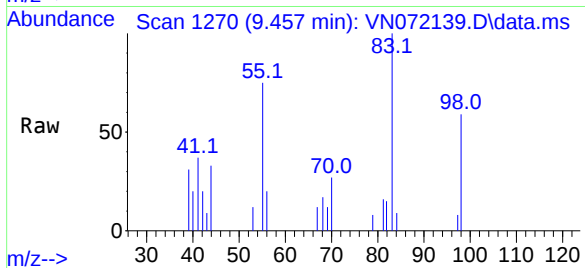




#39
Methylcyclohexane
Concen: 0.431 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

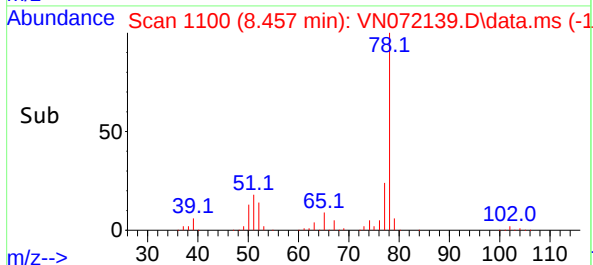
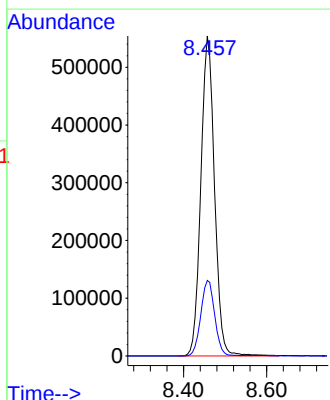
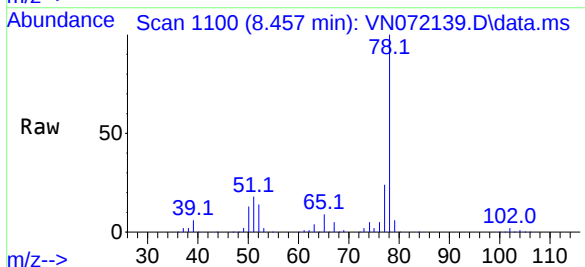
Instrument :
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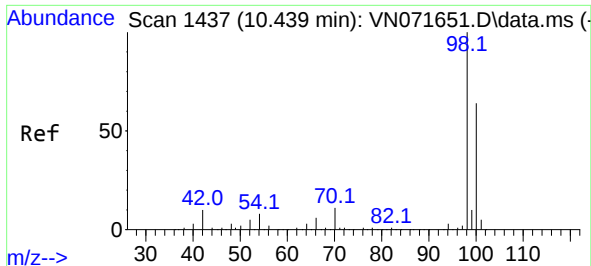
Tgt Ion: 83 Resp: 4738
Ion Ratio Lower Upper
83 100
55 74.8 57.8 86.8
98 59.2 39.4 59.2#



#40
Benzene
Concen: 43.404 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion: 78 Resp: 1265711
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

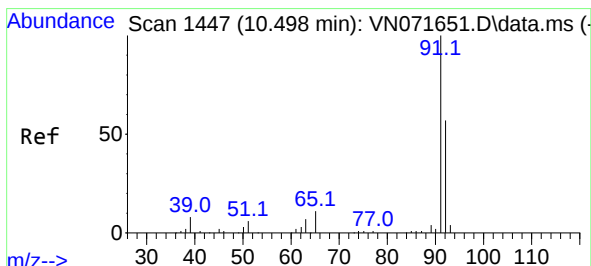
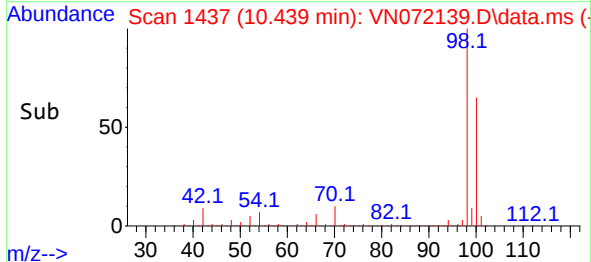
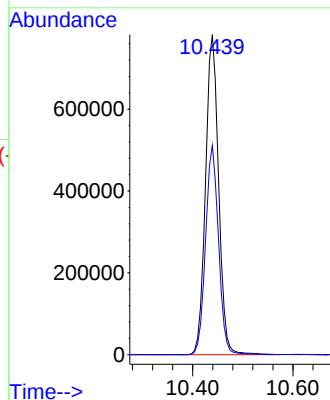
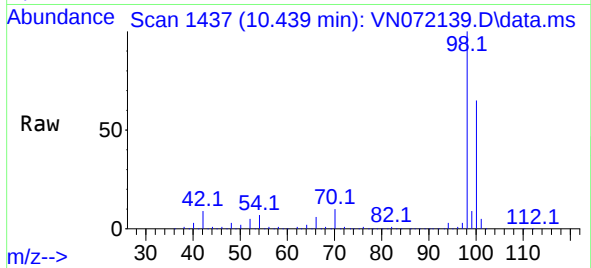




#50
Toluene-d8
Concen: 52.489 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

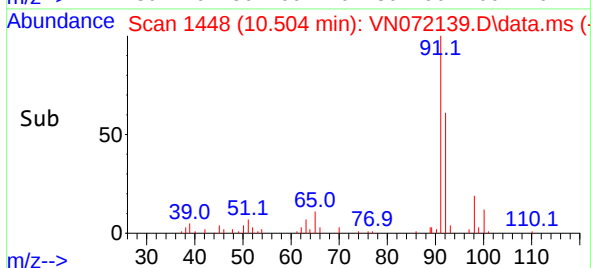
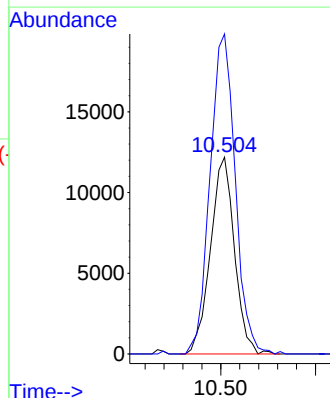
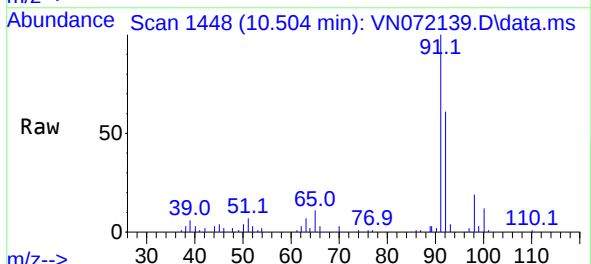
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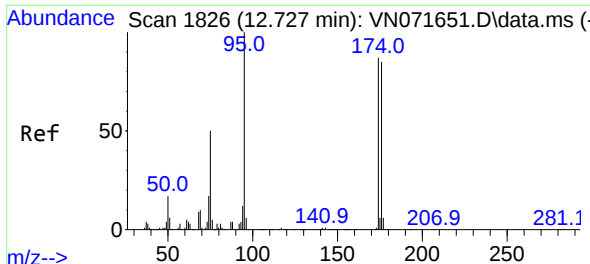
Tgt Ion: 98 Resp: 1419400
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#52
Toluene
Concen: 1.162 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion: 92 Resp: 21426
Ion Ratio Lower Upper
92 100
91 170.8 138.6 207.8

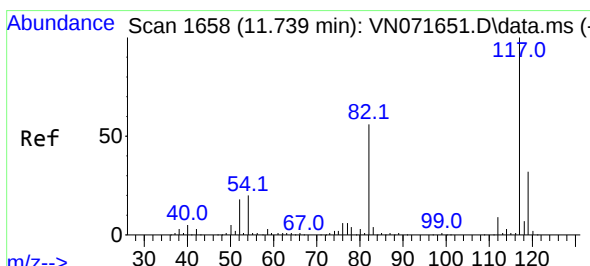
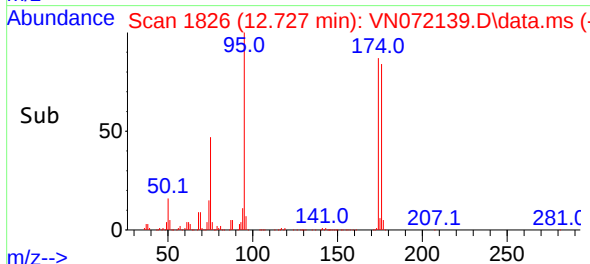
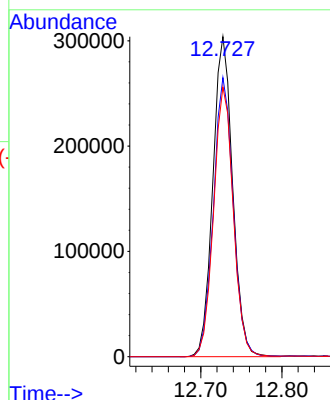
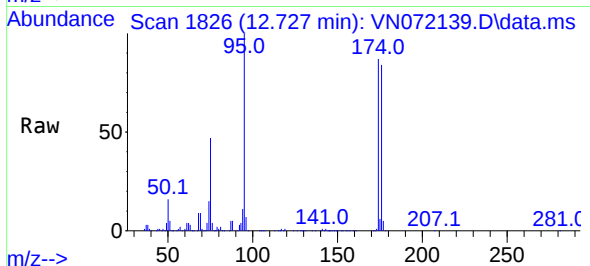




#62
4-Bromofluorobenzene
Concen: 58.737 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

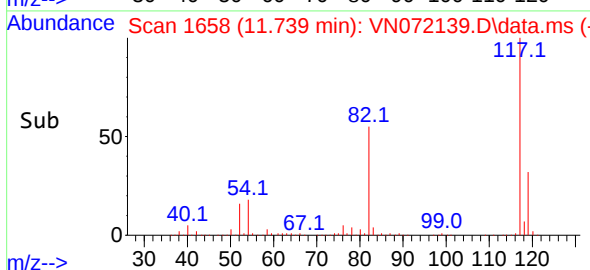
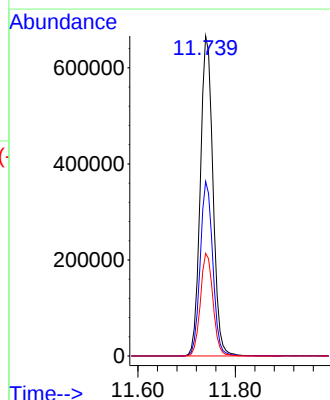
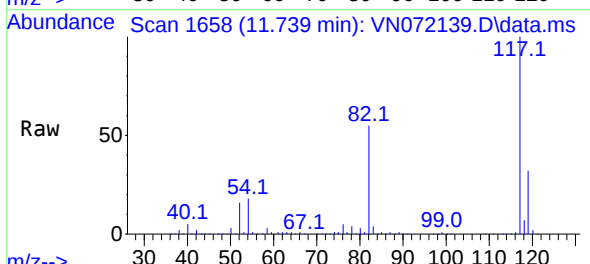
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

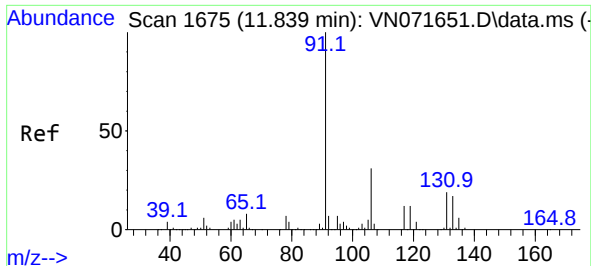
Tgt Ion: 95 Resp: 513694
Ion Ratio Lower Upper
95 100
174 87.4 0.0 167.6
176 84.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion: 117 Resp: 1201648
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.1 25.4 38.0

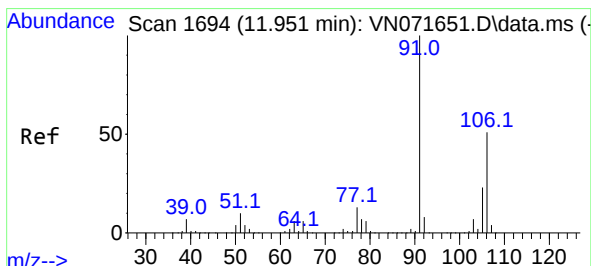
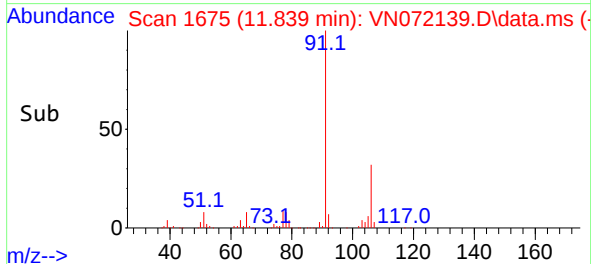
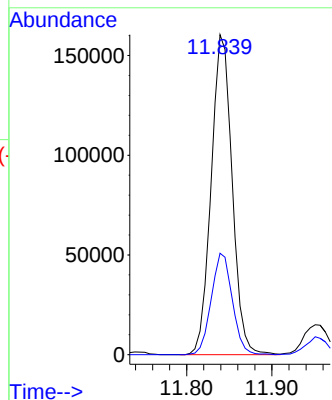
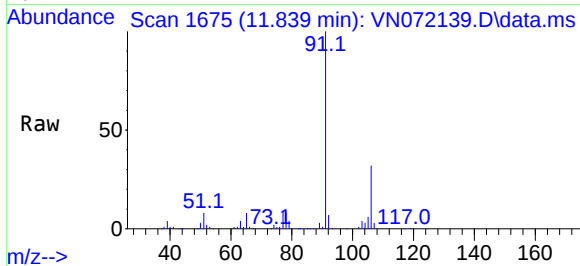




#67
Ethyl Benzene
Concen: 6.732 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

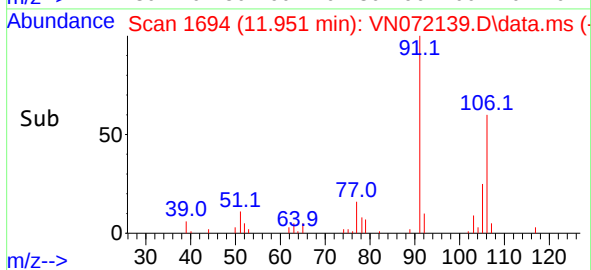
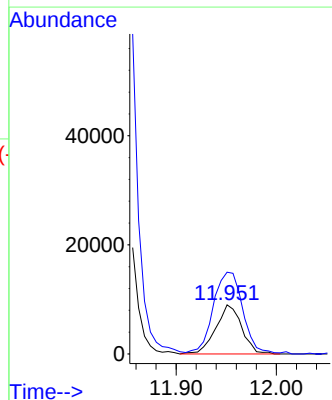
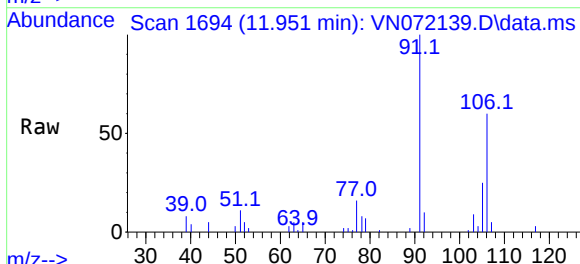
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

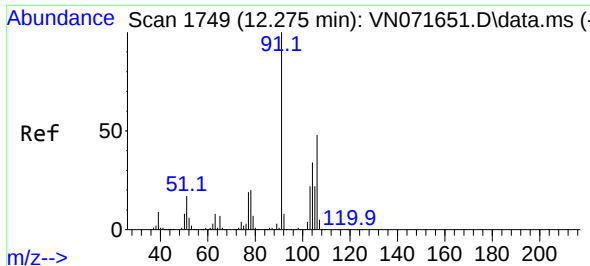
Tgt Ion: 91 Resp: 274225
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1.030 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion:106 Resp: 16121
Ion Ratio Lower Upper
106 100
91 191.5 158.9 238.3

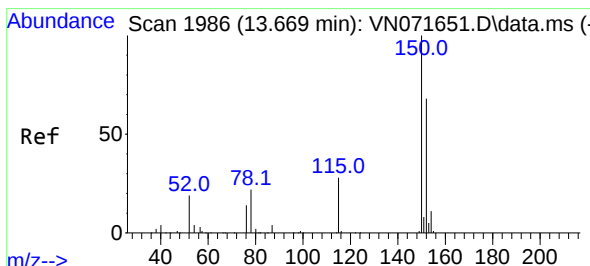
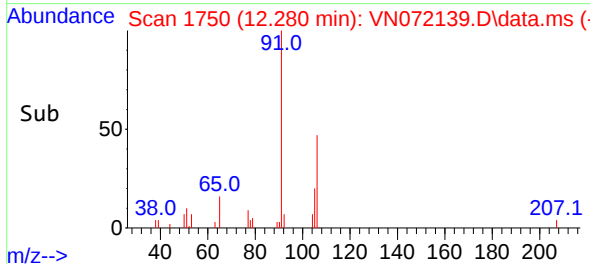
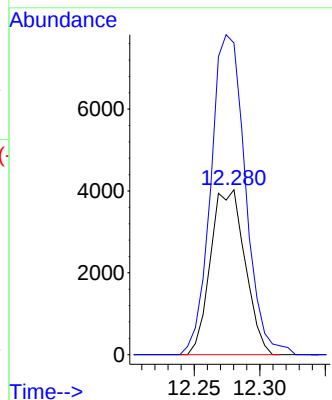
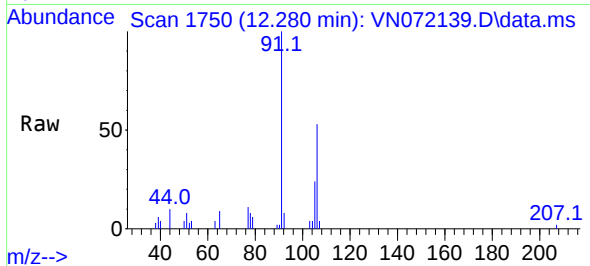




#69
o-Xylene
Concen: 0.473 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.005 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

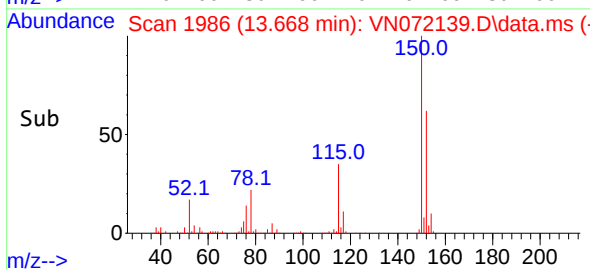
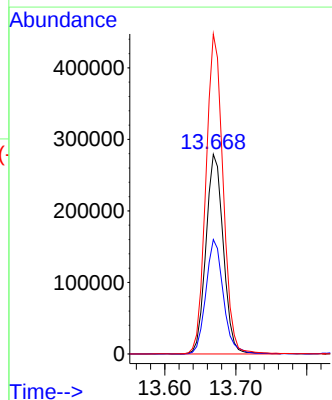
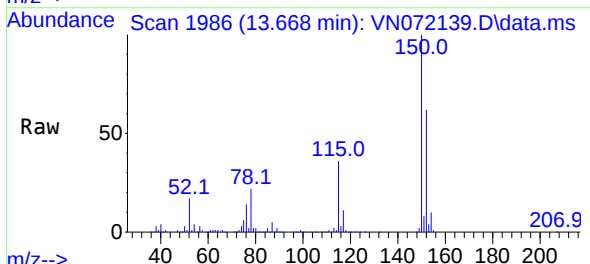
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

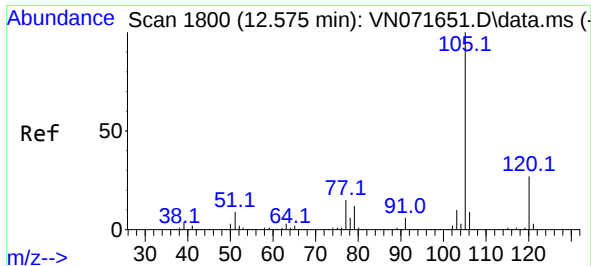
Tgt Ion:106 Resp: 7345
Ion Ratio Lower Upper
106 100
91 194.6 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion:152 Resp: 475758
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 158.2 0.0 356.2

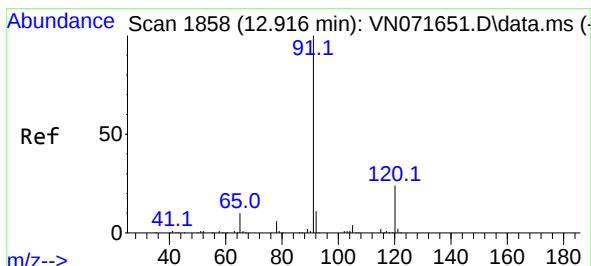
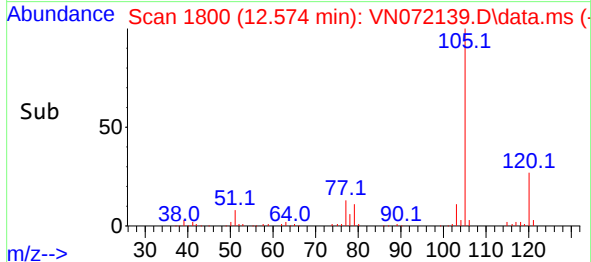
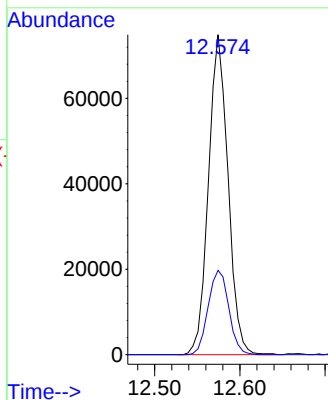
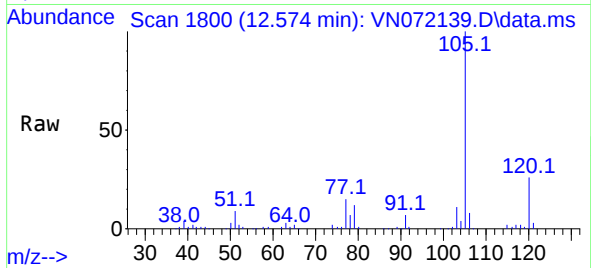




#73
Isopropylbenzene
Concen: 2.977 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

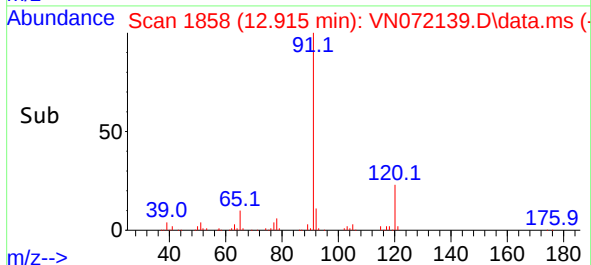
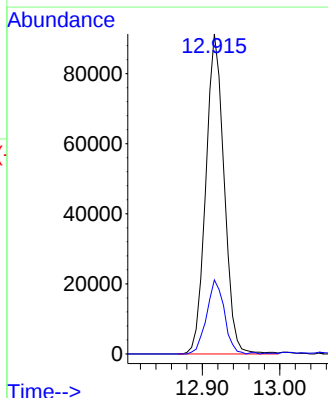
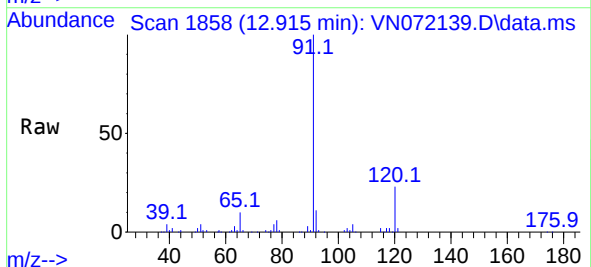
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

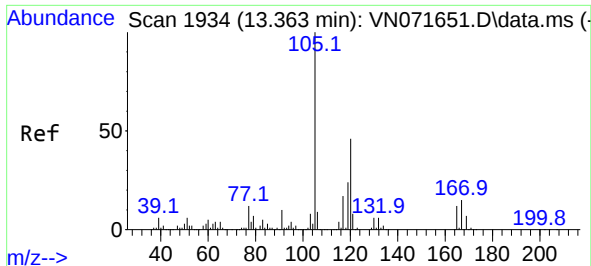
Tgt Ion:105 Resp: 119344
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#78
n-propylbenzene
Concen: 3.551 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion: 91 Resp: 149770
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5

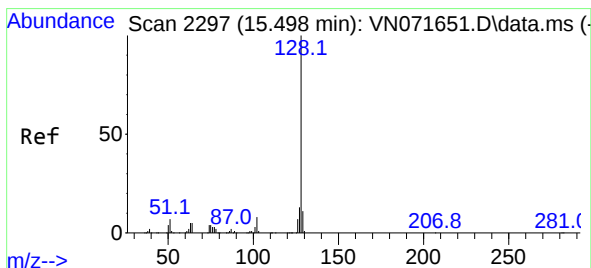
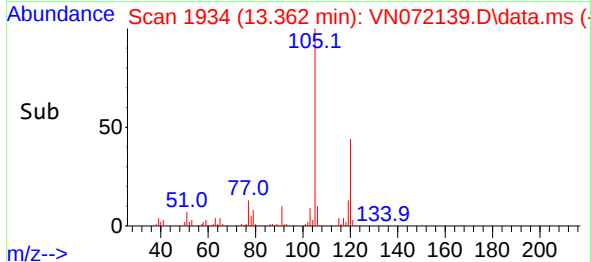
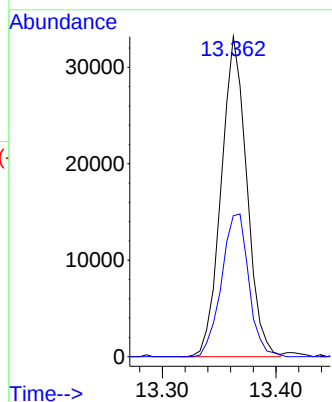
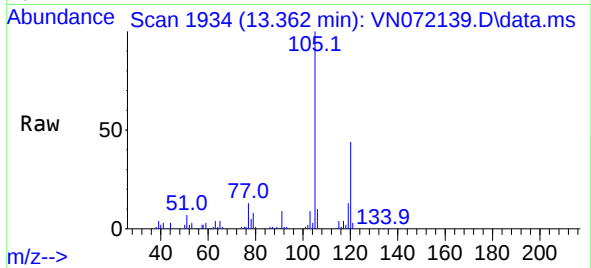




#84
1,2,4-Trimethylbenzene
Concen: 1.676 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

Tgt Ion:105 Resp: 51932
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.8



#95
Naphthalene
Concen: 14.741 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072139.D
Acq: 21 Apr 2022 20:45

Tgt Ion:128 Resp: 256471
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

