

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073697.D
 Acq On : 02 Aug 2022 19:18
 Operator : JC\MD
 Sample : N3971-10 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Aug 03 02:10:31 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)

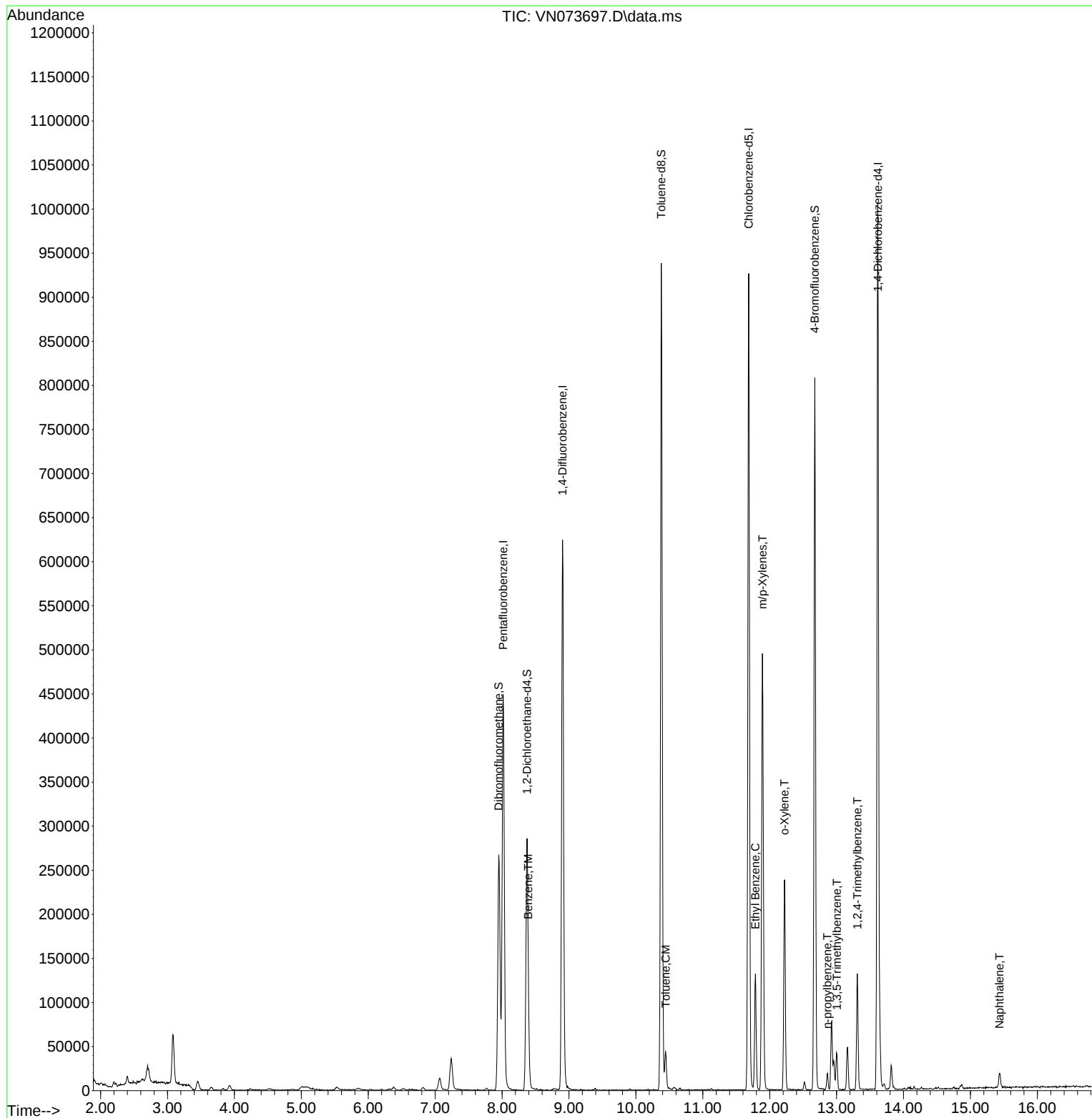
Internal Standards						
1) Pentafluorobenzene	8.016	168	351836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	576936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	557685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	281943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	214099	49.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.860%
35) Dibromofluoromethane	7.951	113	196857	54.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.680%
50) Toluene-d8	10.380	98	654564	45.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.674	95	258898	53.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.220%
Target Compounds						
					Qvalue	
40) Benzene	8.392	78	44370	2.646	ug/l	97
52) Toluene	10.445	92	16478	1.609	ug/l	96
67) Ethyl Benzene	11.786	91	93187	4.663	ug/l	98
68) m/p-Xylenes	11.892	106	164375	21.566	ug/l	99
69) o-Xylene	12.222	106	65180	8.771	ug/l	97
78) n-propylbenzene	12.863	91	13929	0.600	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	21387	1.259	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	74776	4.477	ug/l	97
95) Naphthalene	15.433	128	16954	1.058	ug/l	99

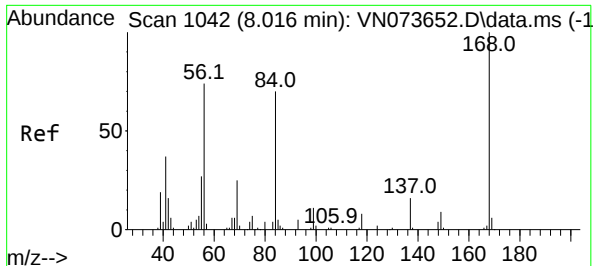
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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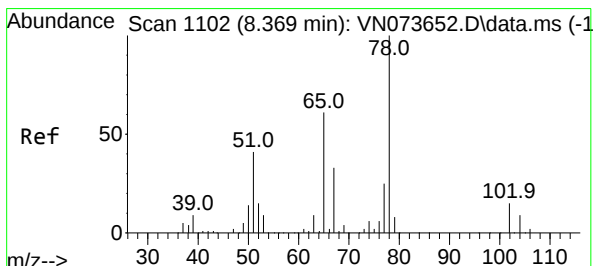
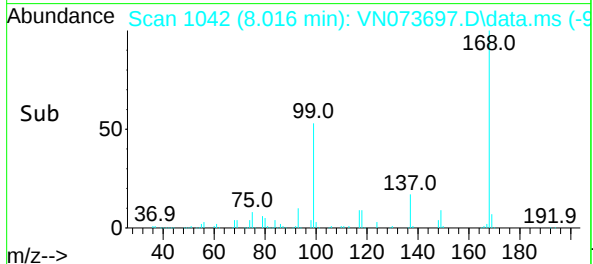
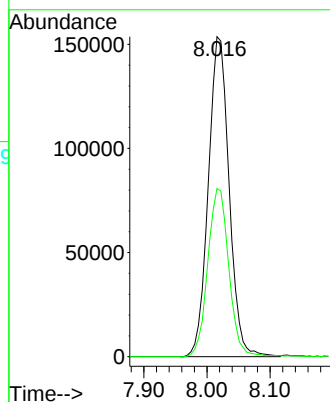
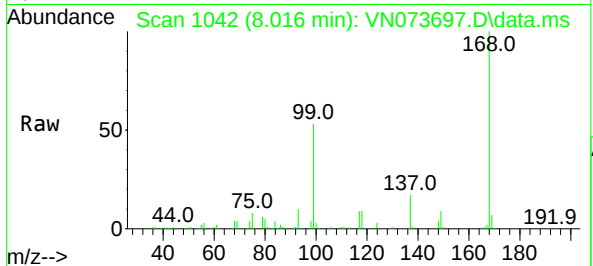




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

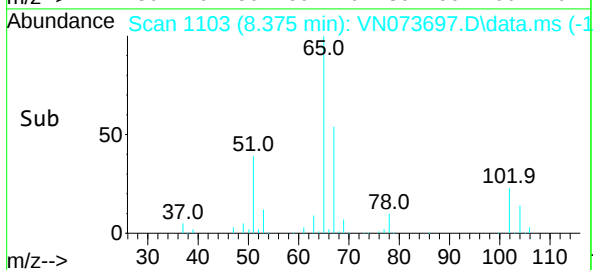
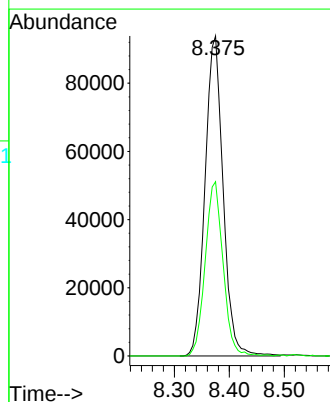
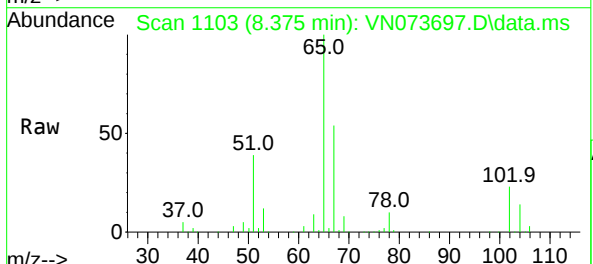
Instrument :
MSVOA_N
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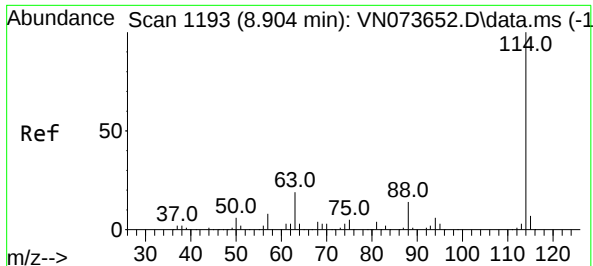
Tgt Ion:168 Resp: 351836
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.933 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion: 65 Resp: 214099
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

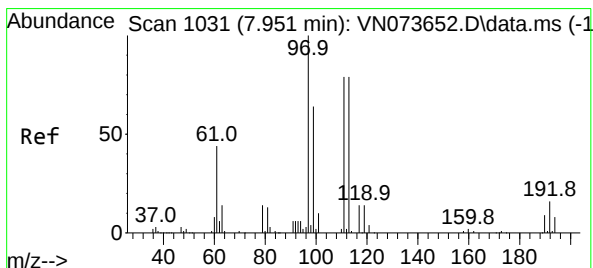
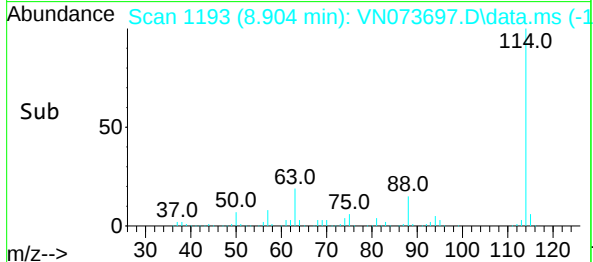
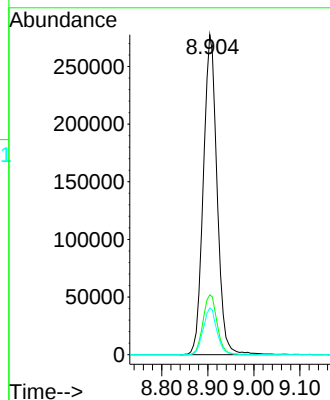
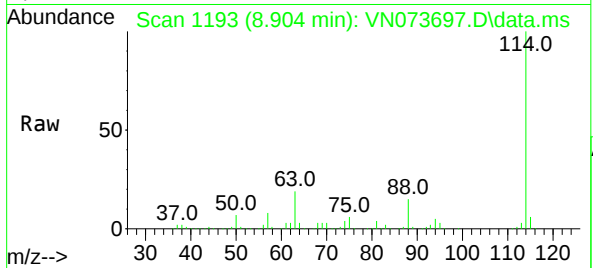




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

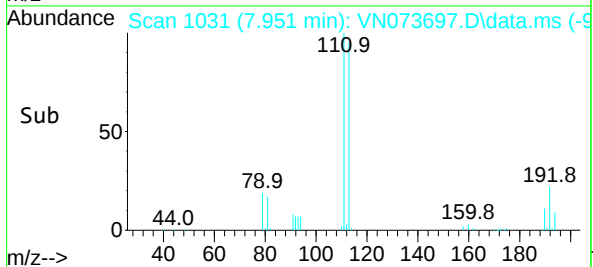
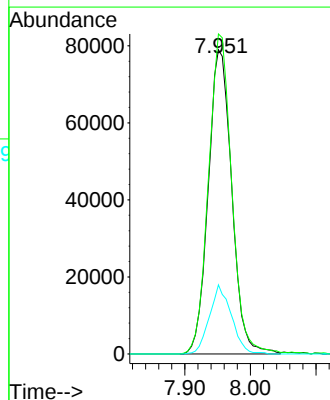
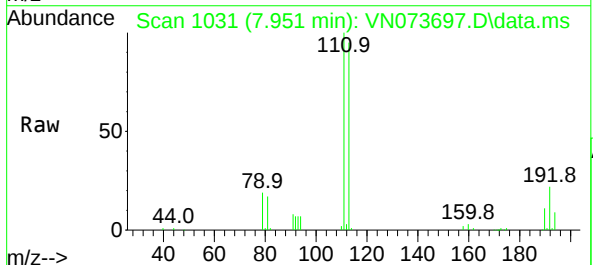
Instrument :
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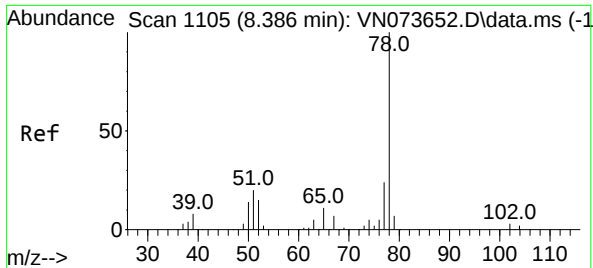
Tgt Ion:114 Resp: 576936
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 14.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.338 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion:113 Resp: 196857
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 21.3 17.0 25.6

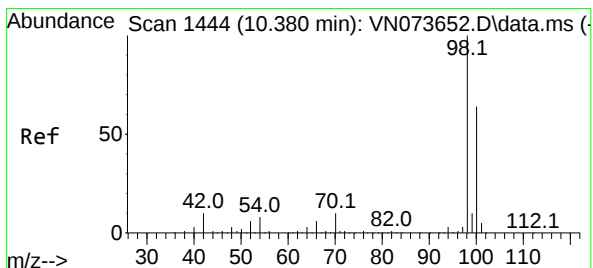
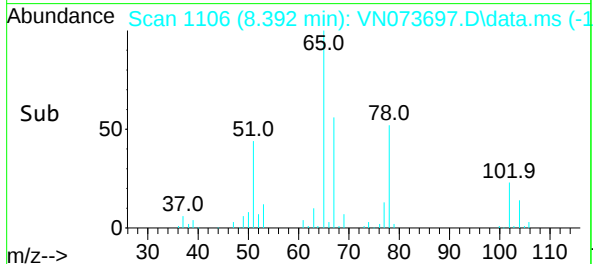
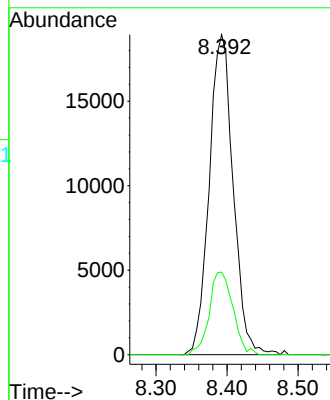
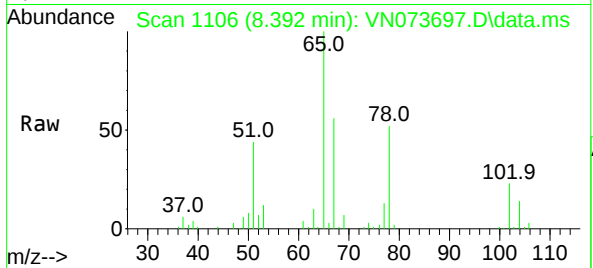




#40
Benzene
Concen: 2.646 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

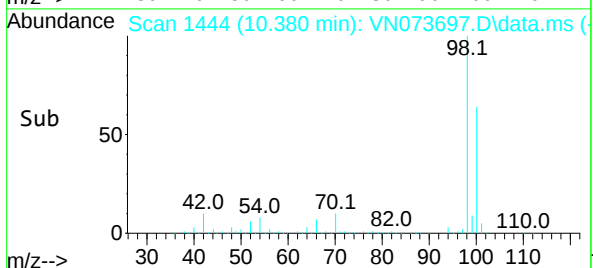
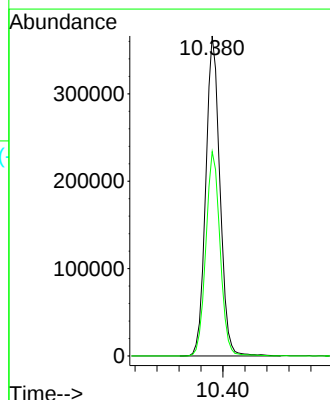
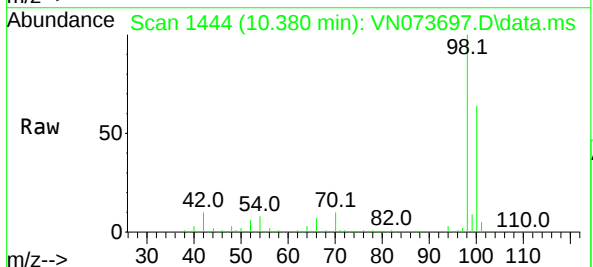
Instrument :
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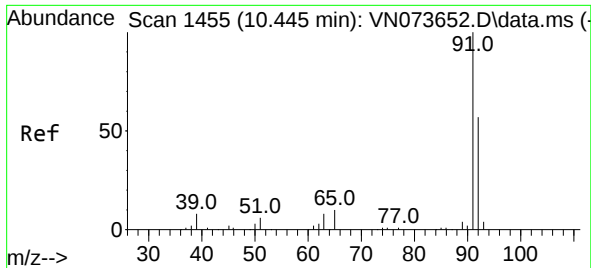
Tgt Ion: 78 Resp: 44370
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0



#50
Toluene-d8
Concen: 45.915 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion: 98 Resp: 654564
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

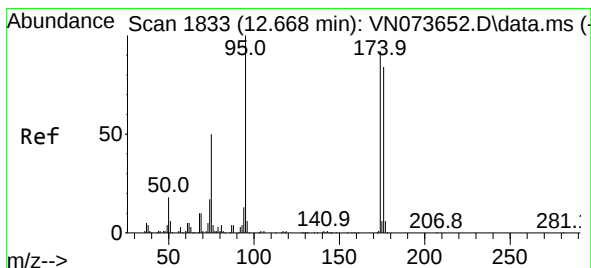
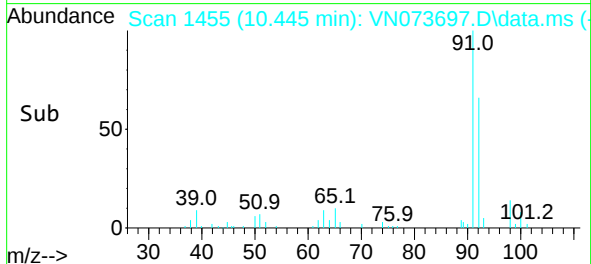
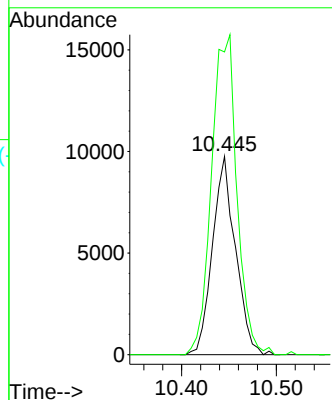
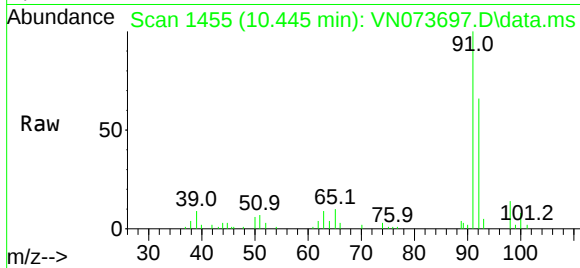




#52
Toluene
Concen: 1.609 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

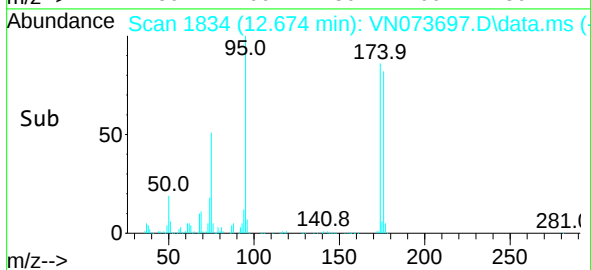
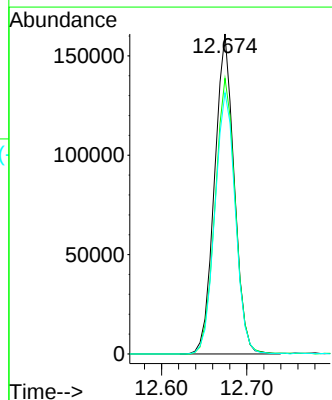
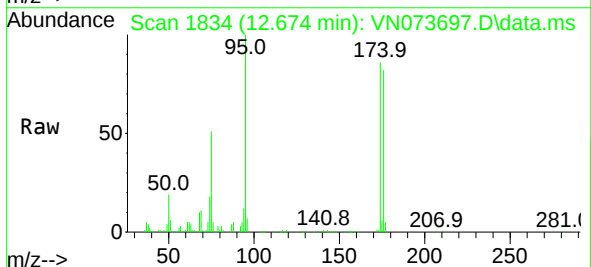
Instrument :
MSVOA_N
ClientSampleId :
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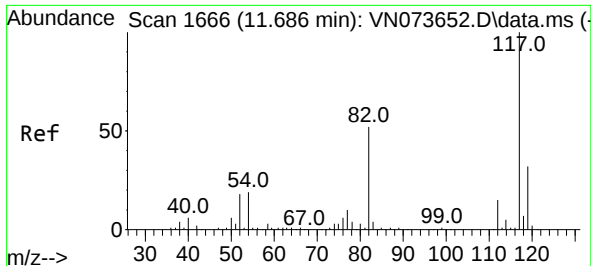
Tgt Ion: 92 Resp: 16478
Ion Ratio Lower Upper
92 100
91 178.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.607 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion: 95 Resp: 258898
Ion Ratio Lower Upper
95 100
174 88.4 0.0 167.6
176 84.5 0.0 163.4

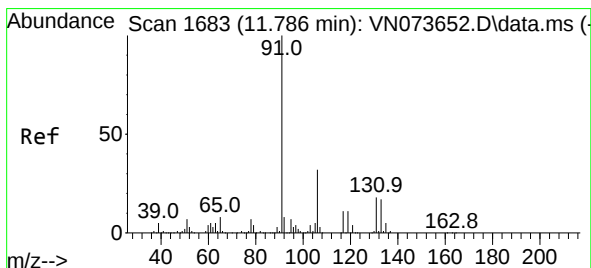
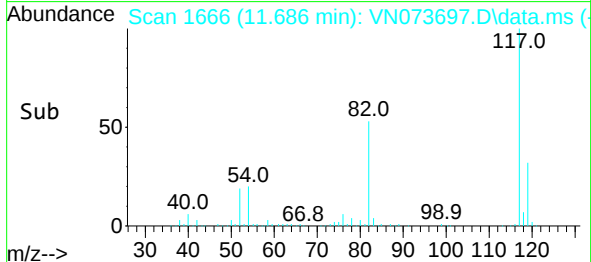
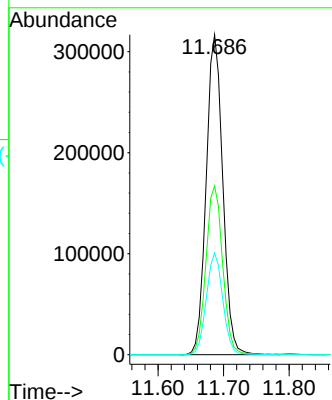
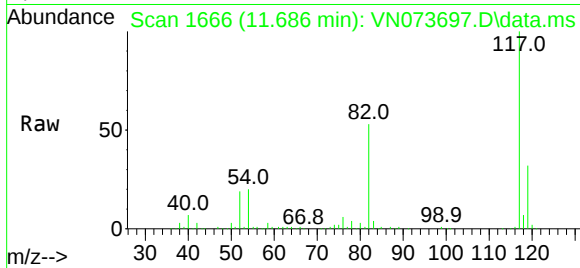




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

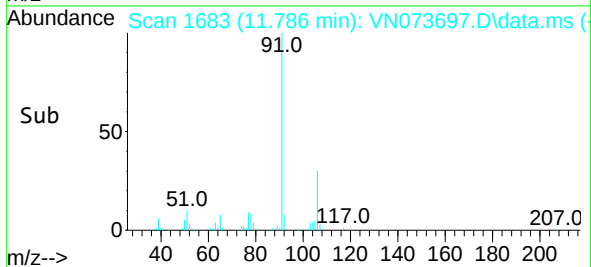
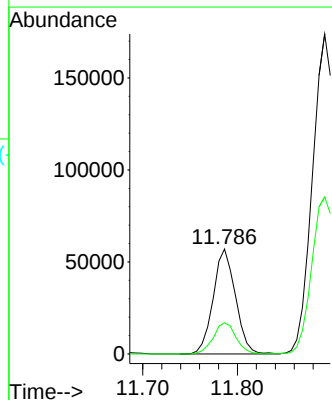
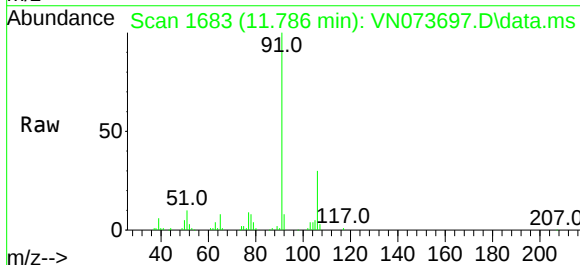
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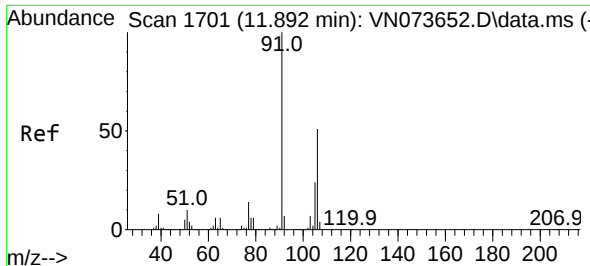
Tgt Ion:117 Resp: 557685
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 4.663 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion: 91 Resp: 93187
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

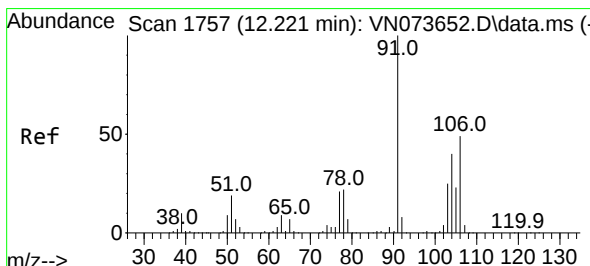
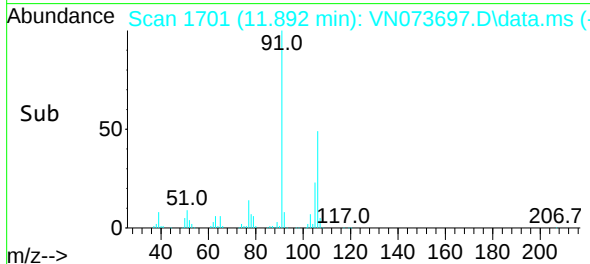
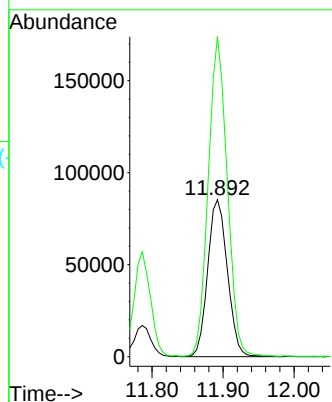
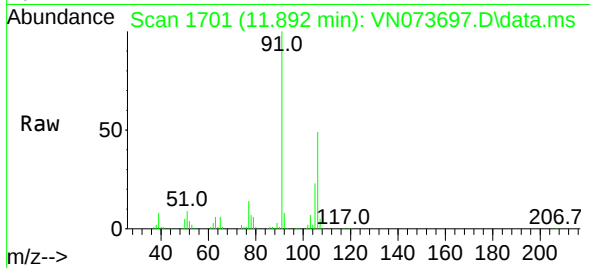




#68
m/p-Xylenes
Concen: 21.566 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

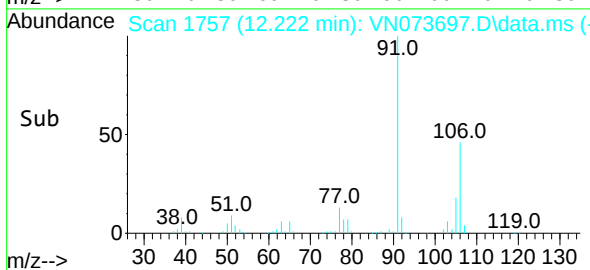
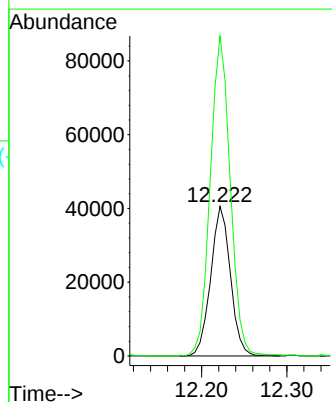
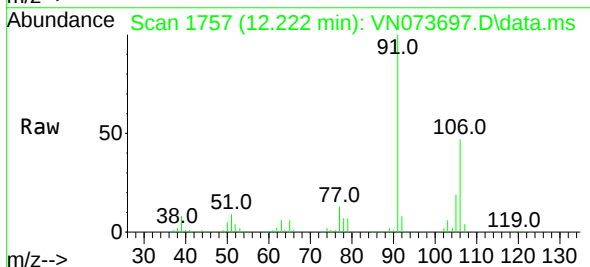
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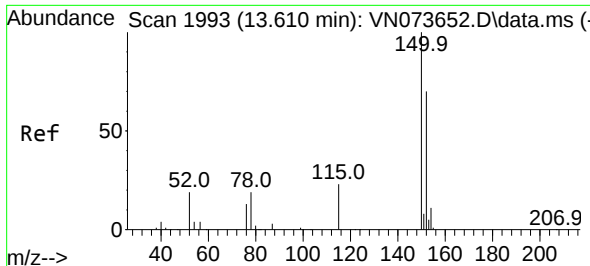
Tgt Ion:106 Resp: 164375
Ion Ratio Lower Upper
106 100
91 196.4 158.9 238.3



#69
o-Xylene
Concen: 8.771 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion:106 Resp: 65180
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0

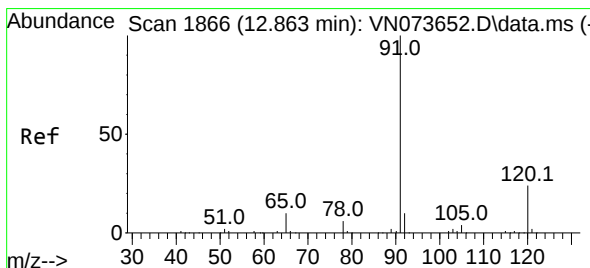
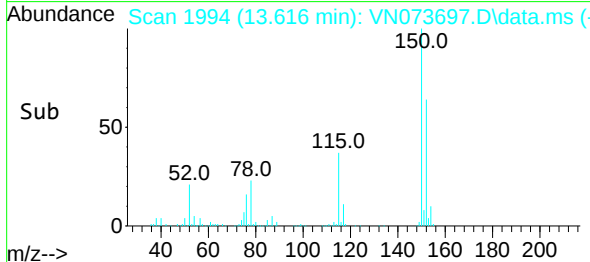
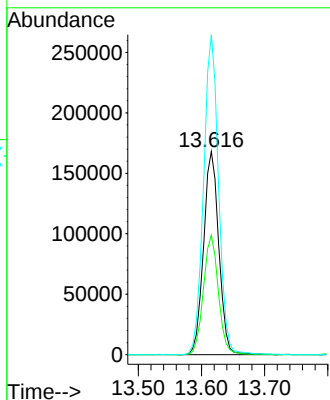
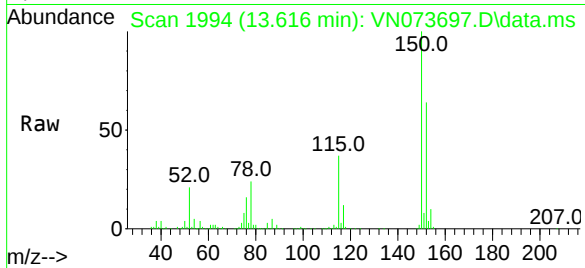




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

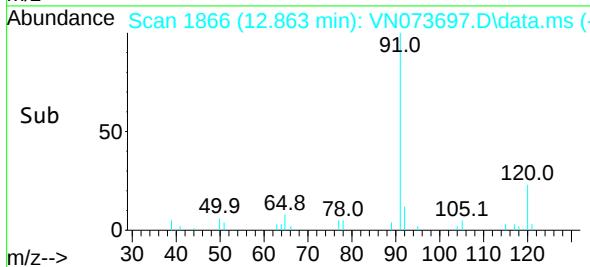
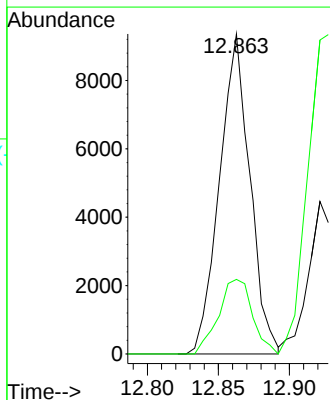
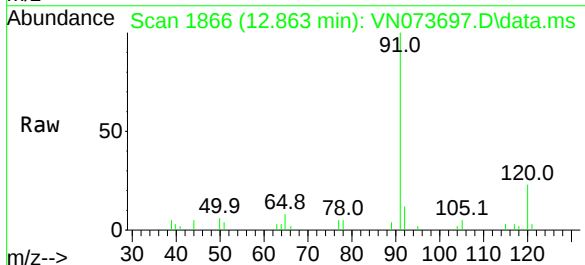
Instrument :
MSVOA_N
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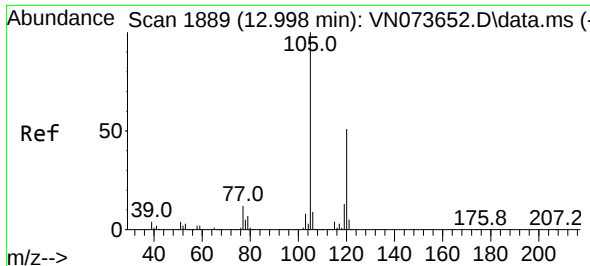
Tgt Ion:152 Resp: 281943
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 154.8 0.0 356.2



#78
n-propylbenzene
Concen: 0.600 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

Tgt Ion: 91 Resp: 13929
Ion Ratio Lower Upper
91 100
120 26.0 11.9 35.5

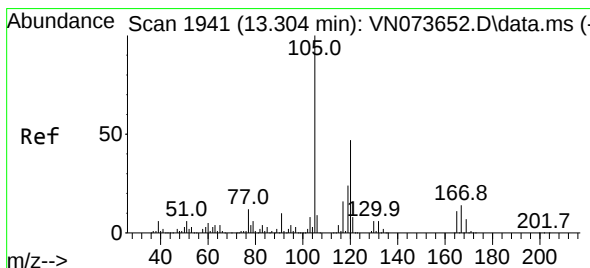
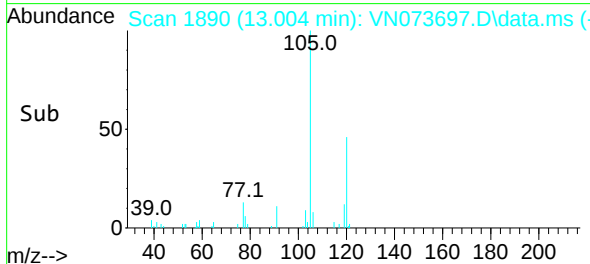
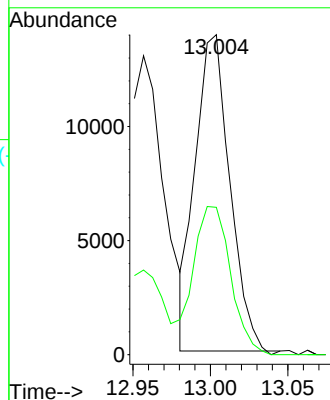
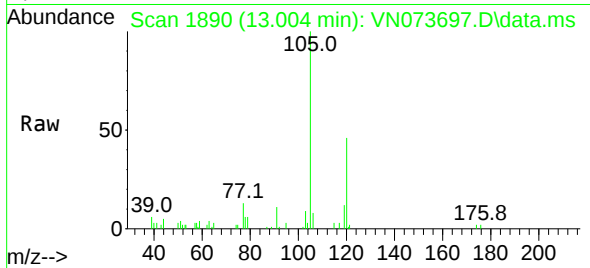




#80
1,3,5-Trimethylbenzene
Concen: 1.259 ug/l
RT: 13.004 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

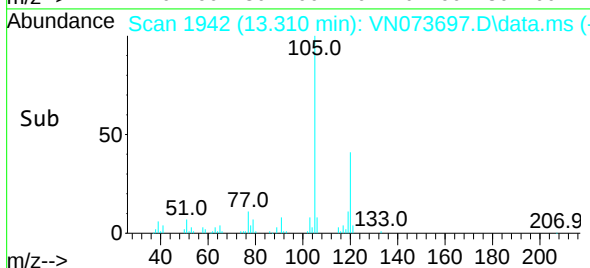
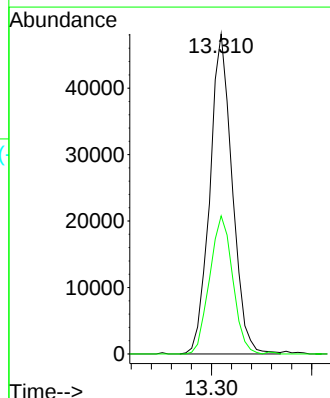
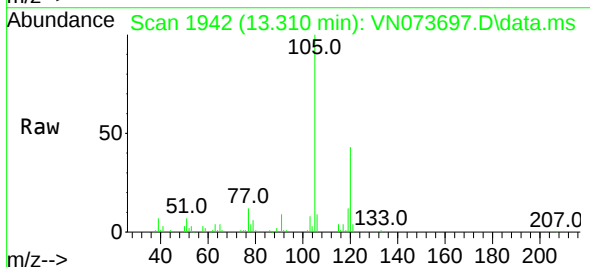
Instrument :
MSVOA_N
ClientSampleId :
MW-14

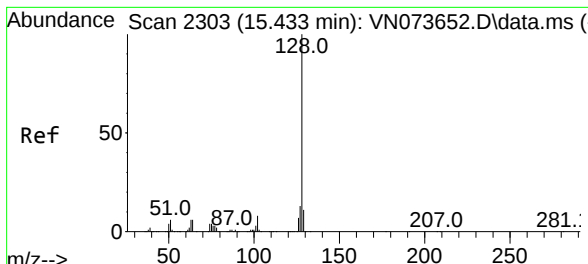
Tgt Ion:105 Resp: 21387
Ion Ratio Lower Upper
105 100
120 52.1 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 4.477 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073697.D
Acq: 02 Aug 2022 19:18

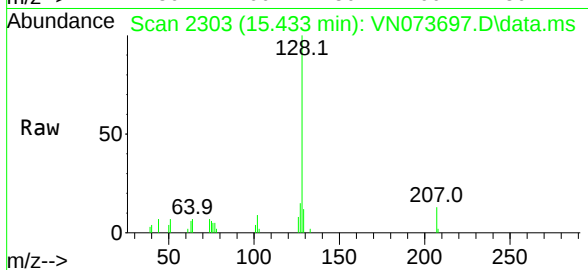
Tgt Ion:105 Resp: 74776
Ion Ratio Lower Upper
105 100
120 44.3 23.3 69.8





#95
 Naphthalene
 Concen: 1.058 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073697.D
 Acq: 02 Aug 2022 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14



Tgt Ion:	128	Resp:	16954
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.8	8.6	13.0

