

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071123.D
 Acq On : 01 Mar 2022 17:00
 Operator : JC\MD
 Sample : N1689-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38I

Quant Time: Mar 02 03:31:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

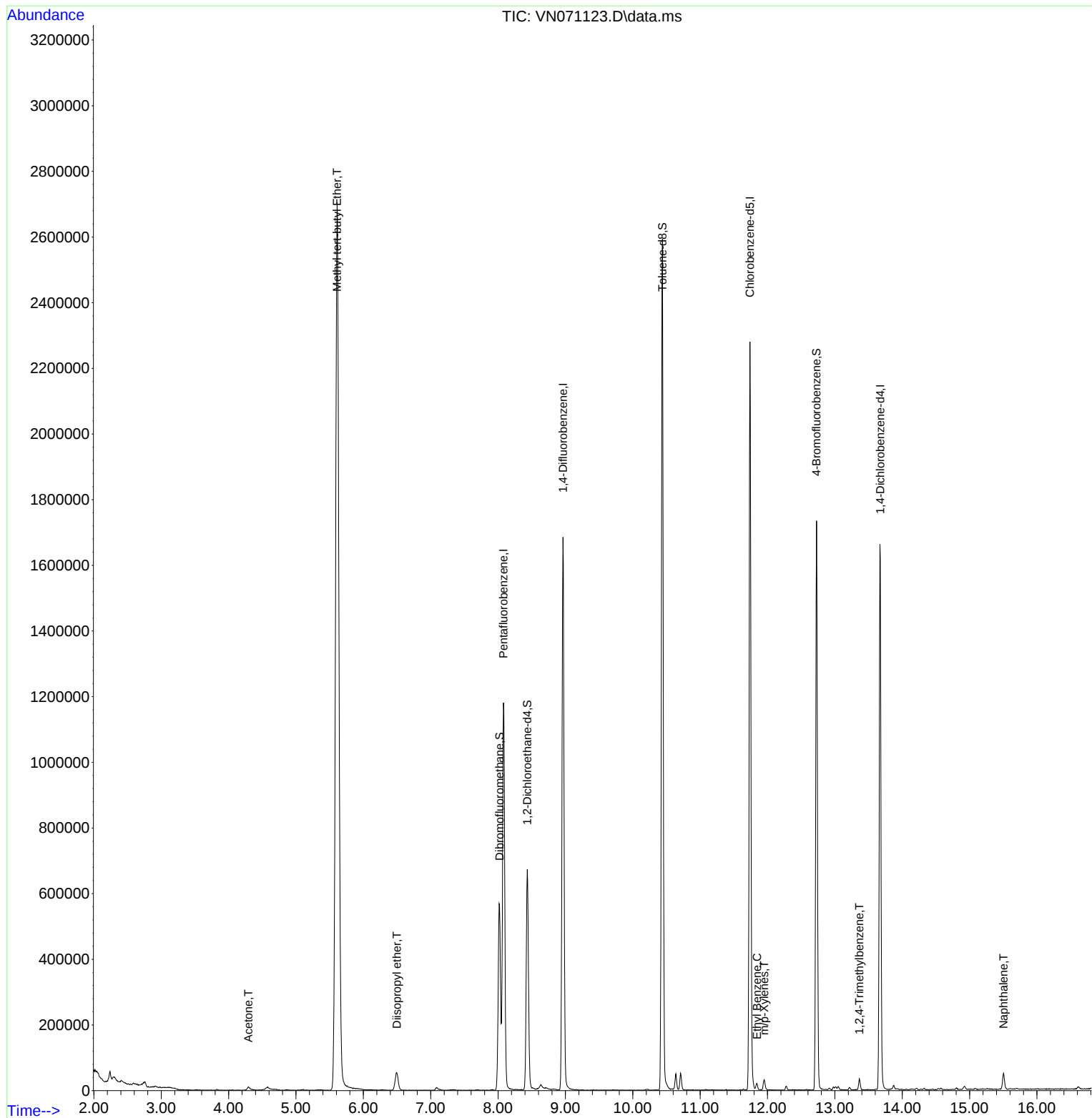
Internal Standards						
1) Pentafluorobenzene	8.081	168	928651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1489655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1334055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	465787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	566616	53.413	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.820%	
35) Dibromofluoromethane	8.022	113	430194	48.552	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.100%	
50) Toluene-d8	10.439	98	1810432	50.879	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.727	95	621335	48.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.700%	
Target Compounds						
						Qvalue
16) Acetone	4.293	43	13510	2.313	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	4566002	143.172	ug/l	95
22) Diisopropyl ether	6.498	45	71024	2.136	ug/l #	86
67) Ethyl Benzene	11.845	91	13416	0.267	ug/l	89
68) m/p-Xylenes	11.951	106	11077	0.570	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	20157	0.674	ug/l	96
95) Naphthalene	15.504	128	46862	7.015	ug/l	99

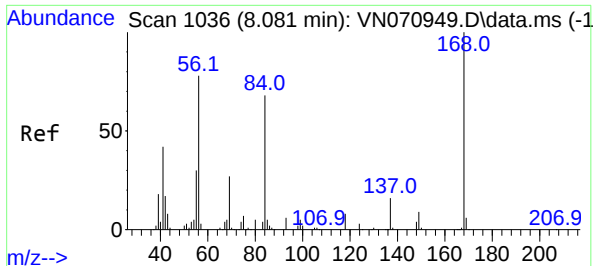
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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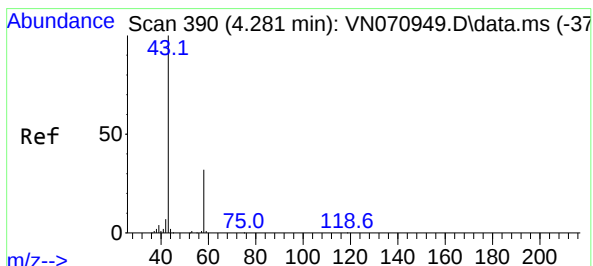
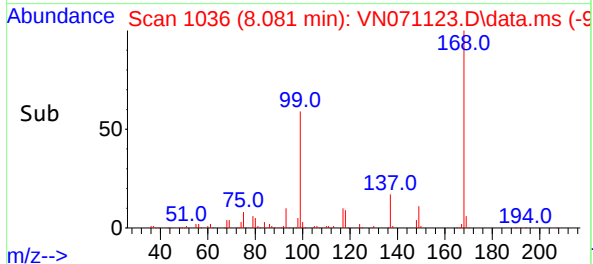
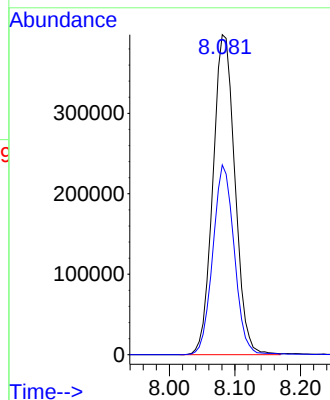
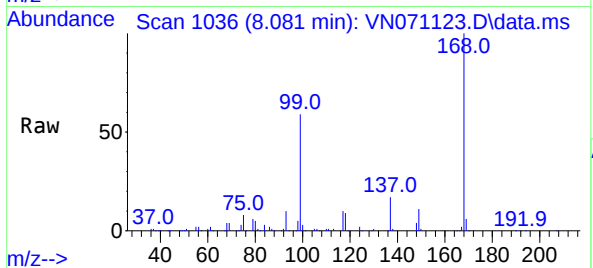




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

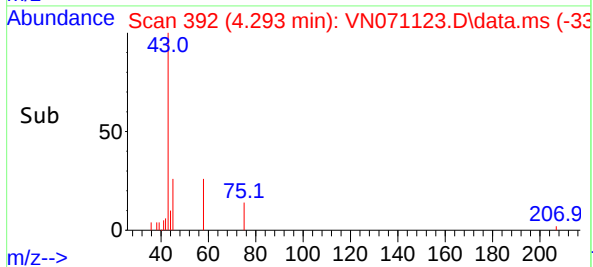
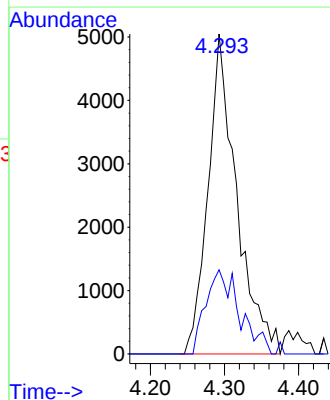
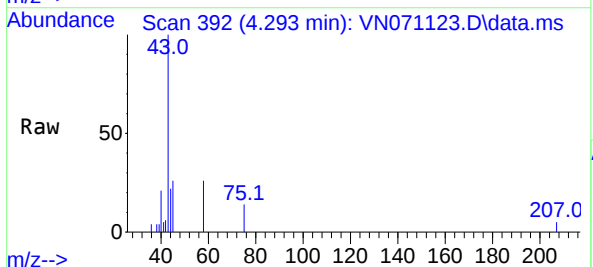
Instrument :
MSVOA_N
ClientSampleId :
MW-38I

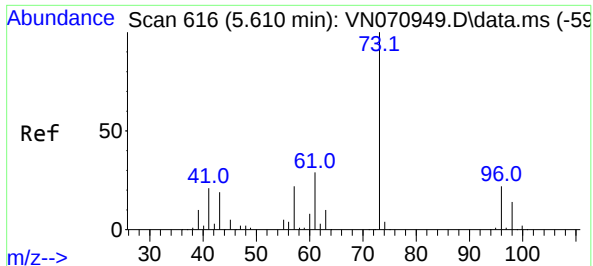
Tgt Ion:168 Resp: 928651
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9



#16
Acetone
Concen: 2.313 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Tgt Ion: 43 Resp: 13510
Ion Ratio Lower Upper
43 100
58 26.3 23.1 34.7

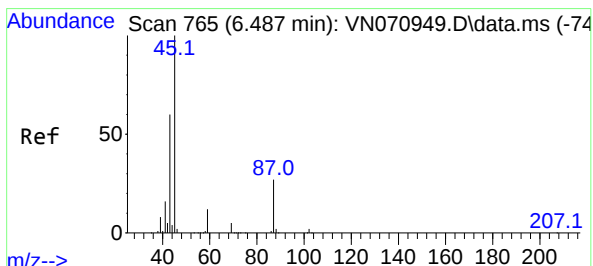
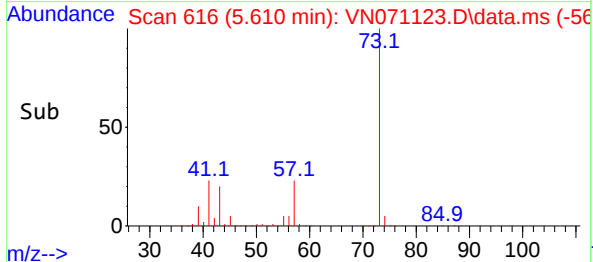
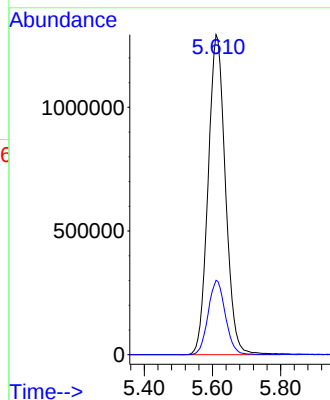
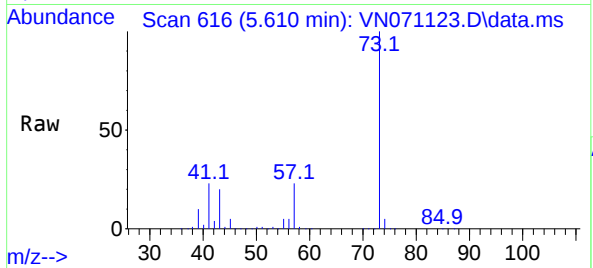




#19
Methyl tert-butyl Ether
Concen: 143.172 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

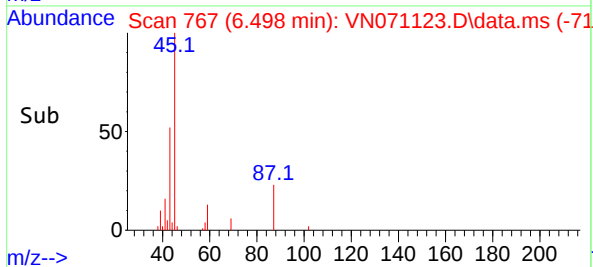
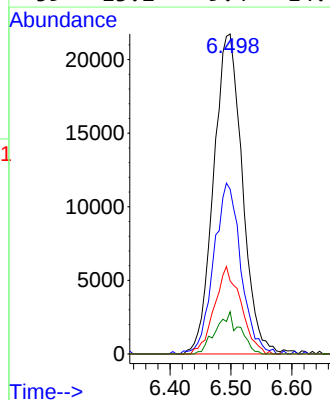
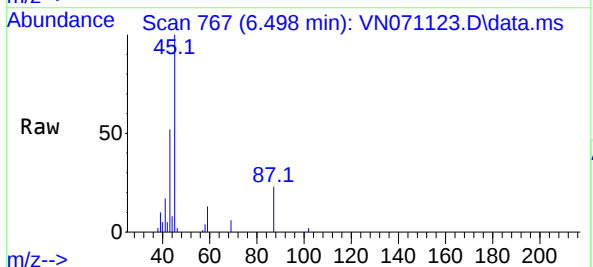
Instrument :
MSVOA_N
ClientSampleId :
MW-38I

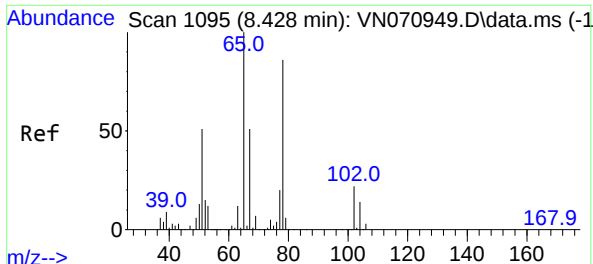
Tgt Ion: 73 Resp: 4566002
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2



#22
Diisopropyl ether
Concen: 2.136 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.012 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Tgt Ion: 45 Resp: 71024
Ion Ratio Lower Upper
45 100
43 51.5 51.7 77.5#
87 22.8 23.2 34.8#
59 13.2 9.4 14.0

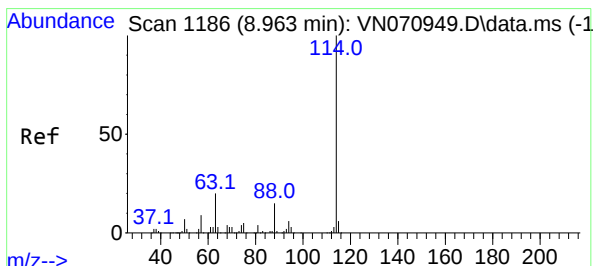
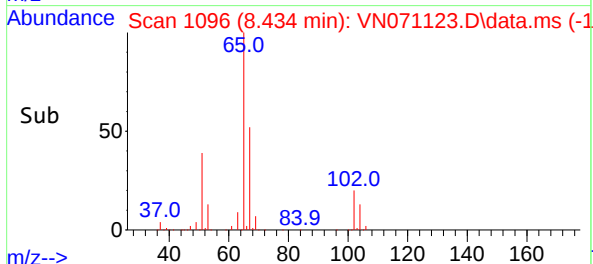
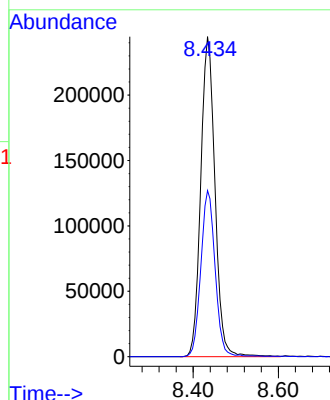
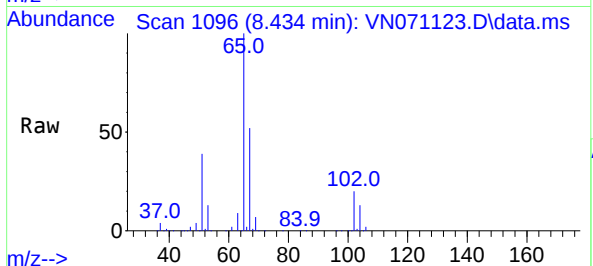




#33
1,2-Dichloroethane-d4
Concen: 53.413 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

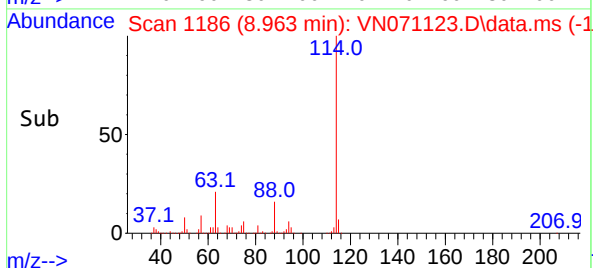
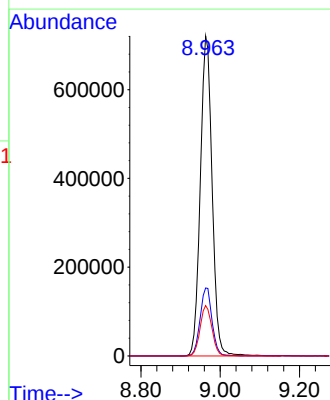
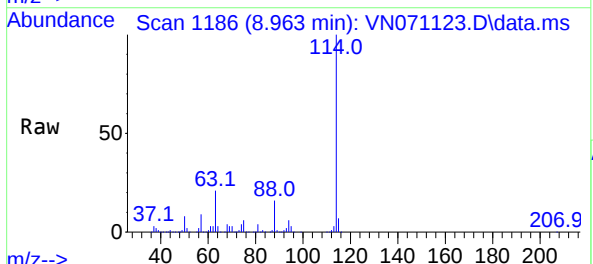
Instrument :
MSVOA_N
ClientSampleId :
MW-38I

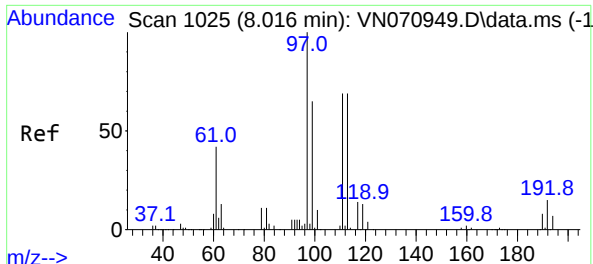
Tgt Ion: 65 Resp: 566616
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Tgt Ion:114 Resp: 1489655
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 15.7 0.0 27.4

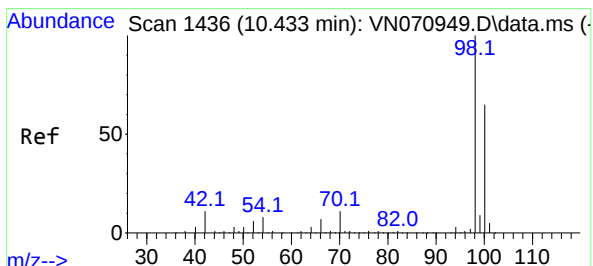
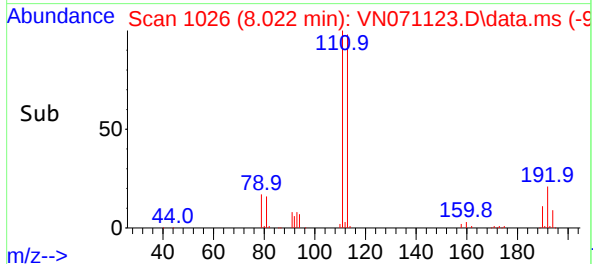
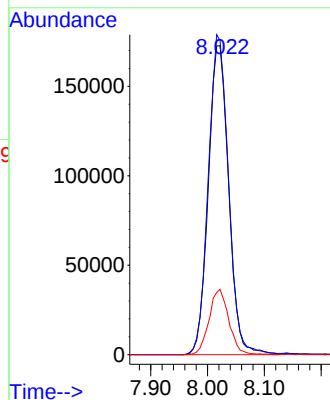
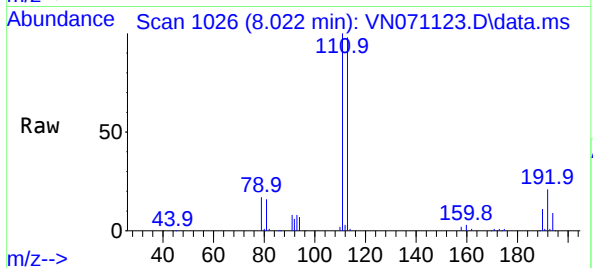




#35
Dibromofluoromethane
Concen: 48.552 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

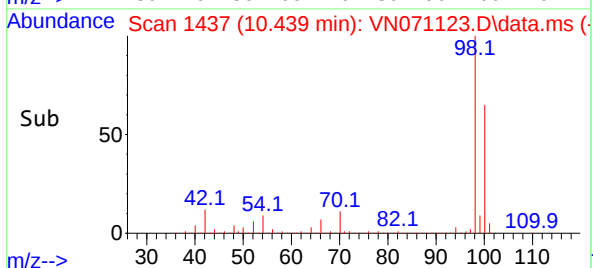
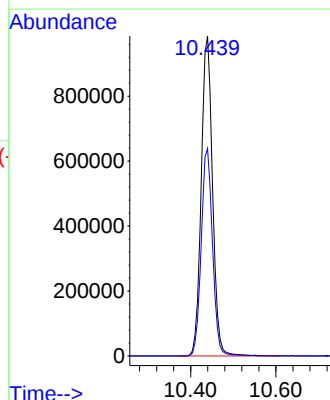
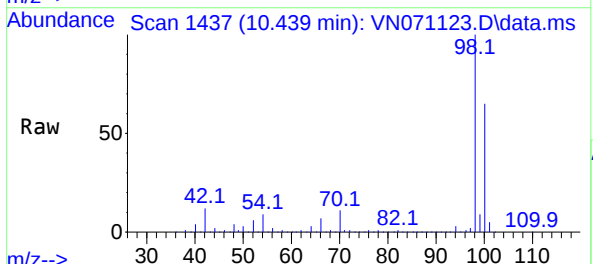
Instrument :
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ClientSampleId :
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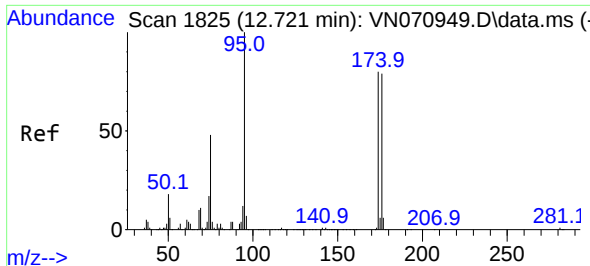
Tgt Ion:113 Resp: 430194
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 50.879 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Tgt Ion: 98 Resp: 1810432
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6

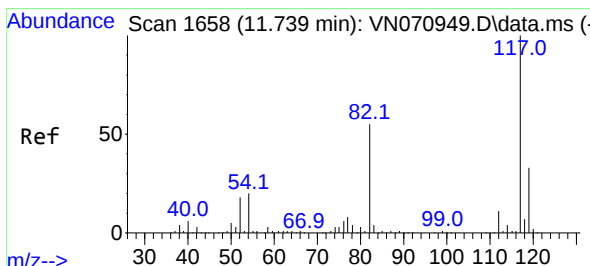
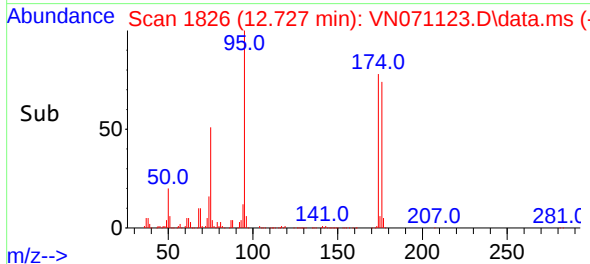
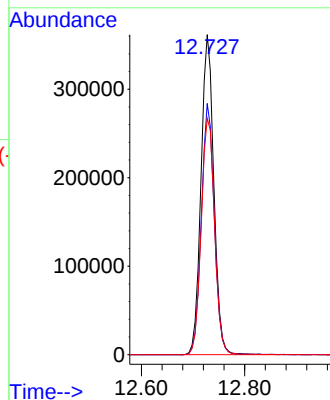
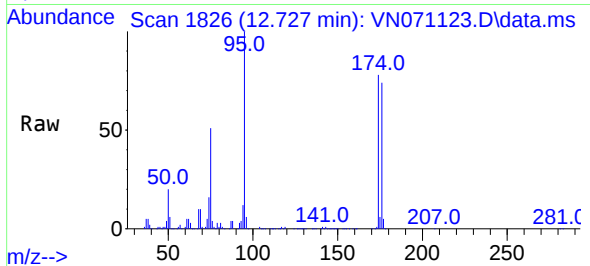




#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

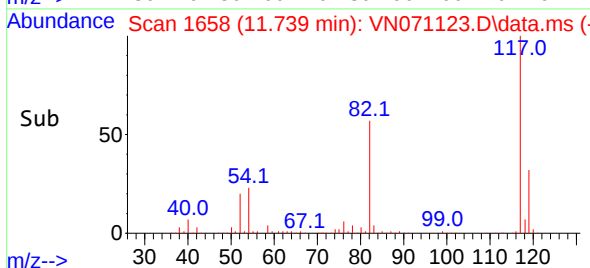
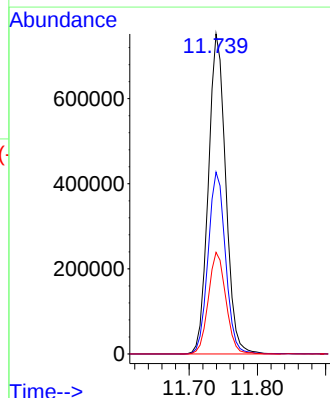
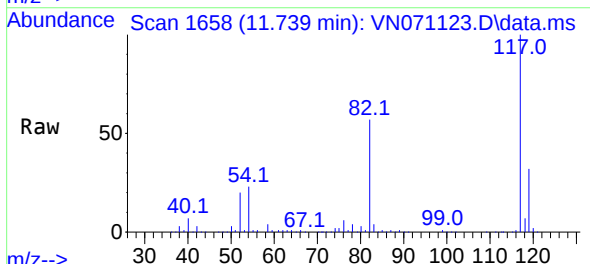
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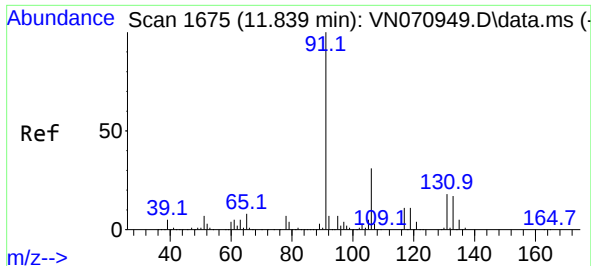
Tgt Ion: 95 Resp: 621335
Ion Ratio Lower Upper
95 100
174 79.1 0.0 187.2
176 76.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Tgt Ion: 117 Resp: 1334055
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 31.8 25.4 38.2

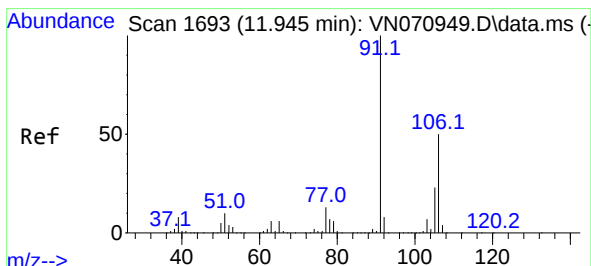
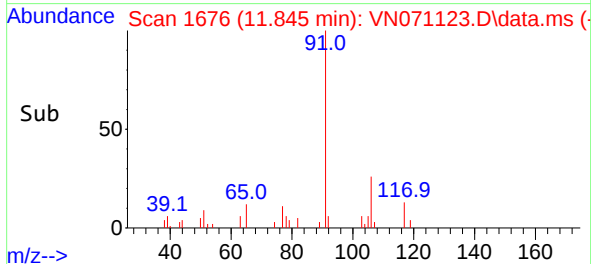
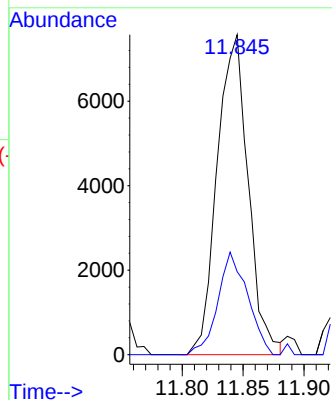
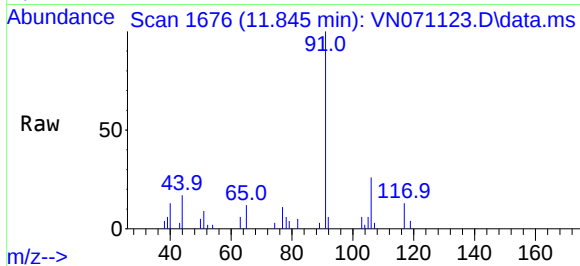




#67
Ethyl Benzene
Concen: 0.267 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

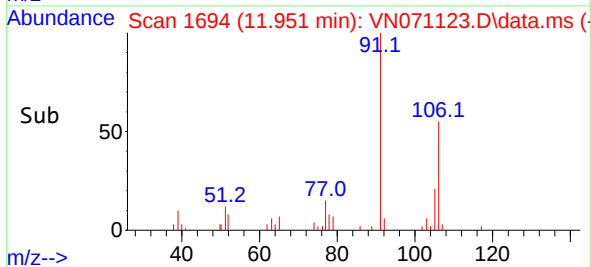
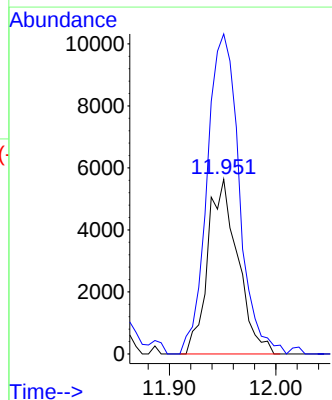
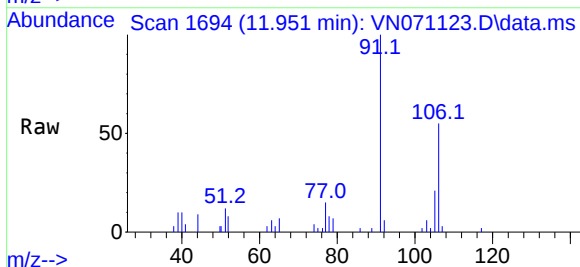
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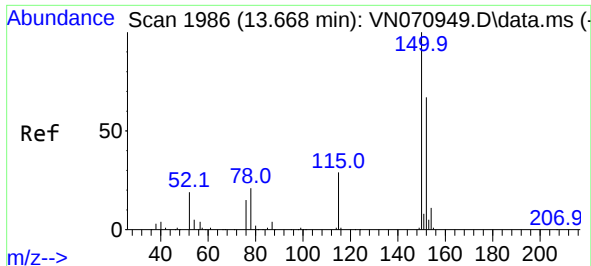
Tgt Ion: 91 Resp: 13416
Ion Ratio Lower Upper
91 100
106 26.0 25.7 38.5



#68
m/p-Xylenes
Concen: 0.570 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Tgt Ion: 106 Resp: 11077
Ion Ratio Lower Upper
106 100
91 195.3 160.6 240.8

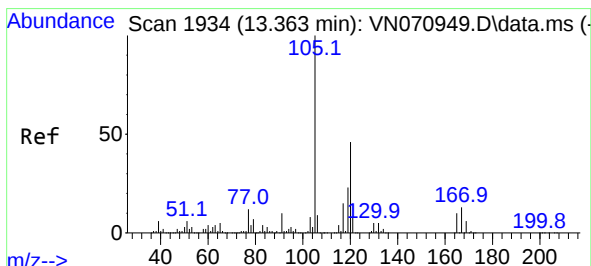
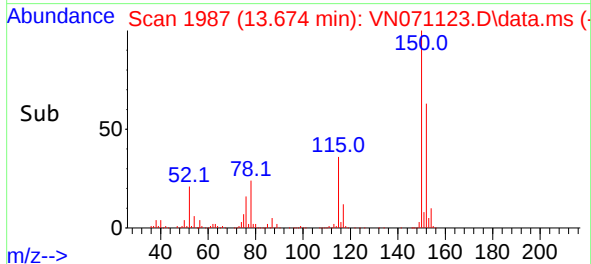
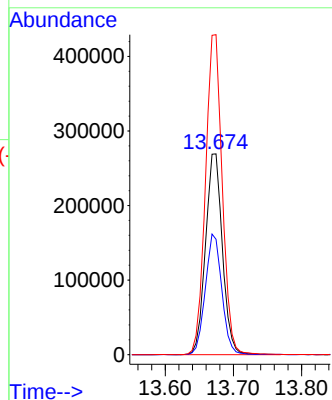
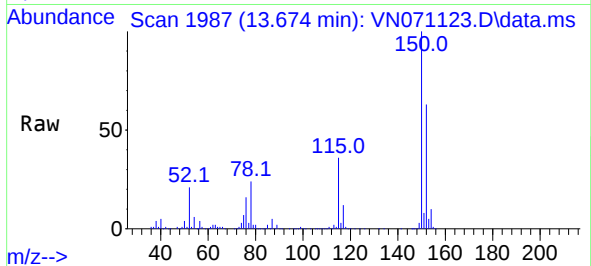




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN071123.D
 Acq: 01 Mar 2022 17:00

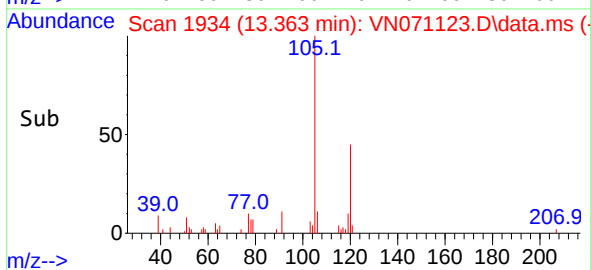
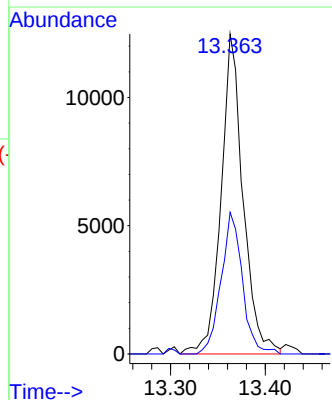
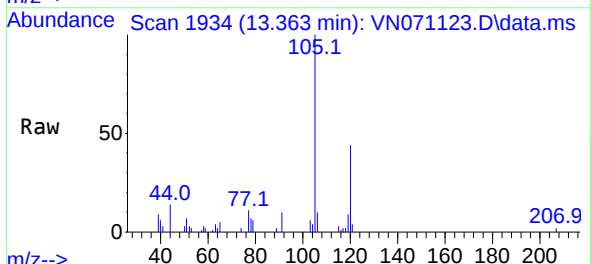
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38I

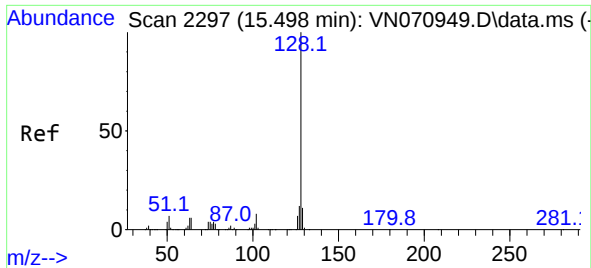
Tgt Ion:152 Resp: 465787
 Ion Ratio Lower Upper
 152 100
 115 58.6 27.5 82.5
 150 158.1 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.674 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: VN071123.D
 Acq: 01 Mar 2022 17:00

Tgt Ion:105 Resp: 20157
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.8 68.4





#95
Naphthalene
Concen: 7.015 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071123.D
Acq: 01 Mar 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
MW-38I

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	10.7	8.7	13.1

