

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071805.D
 Acq On : 02 Apr 2022 18:10
 Operator : JC\MD
 Sample : N2242-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Apr 04 01:08:38 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	8.086	168	607621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1030208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1054127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	577628	50.000	ug/l	0.00

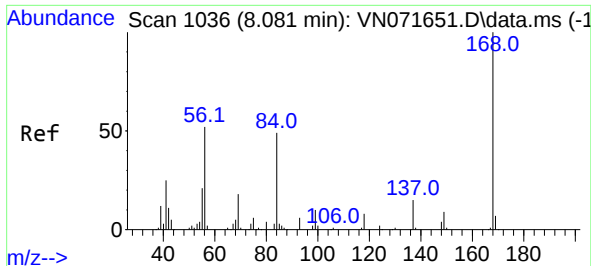
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	341734	49.265	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.520%
35) Dibromofluoromethane	8.022	113	286783	47.307	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.620%
50) Toluene-d8	10.439	98	1311354	52.879	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.760%
62) 4-Bromofluorobenzene	12.727	95	458174	57.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.260%

Target Compounds			Qvalue			
3) Chloromethane	2.299	50	1867	0.305	ug/l #	85
6) Chloroethane	2.793	64	1554	0.321	ug/l #	42
11) Tert butyl alcohol	5.316	59	1563	1.388	ug/l #	72
13) Acrolein	4.046	56	305	0.222	ug/l #	37
18) Methyl Acetate	4.863	43	2527	Below Cal	#	84
31) Cyclohexane	8.081	56	10401	1.103	ug/l #	12
36) 1,1-Dichloropropene	8.081	75	43100	5.091	ug/l #	48
38) Carbon Tetrachloride	8.081	117	56332	6.790	ug/l #	16
59) 2-Hexanone	11.098	43	1519	0.243	ug/l	70
76) 1,2,3-Trichloropropane	12.939	75	27817	2.079	ug/l	73
77) Bromobenzene	12.951	156	451796	37.026	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	224963	52.099	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.363	105	8048	0.214	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	6759	2.683	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	1443	2.236	ug/l #	60
95) Naphthalene	15.504	128	597064	24.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	1680	2.594	ug/l #	63

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

Quant Time: Apr 04 01:08:38 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

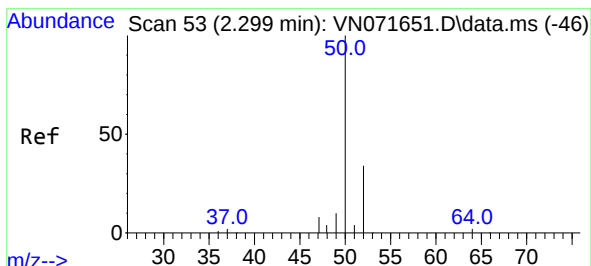
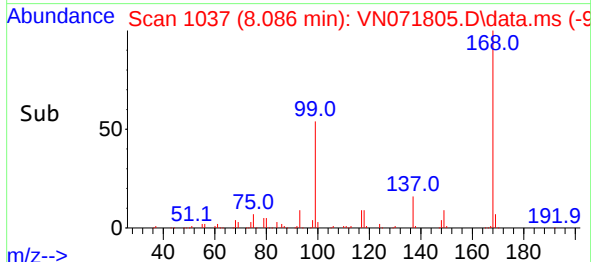
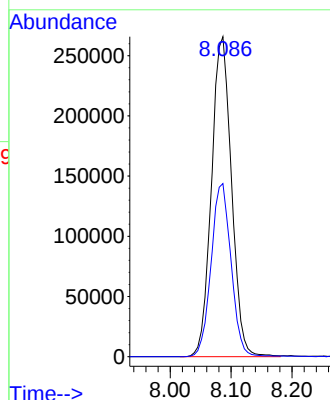
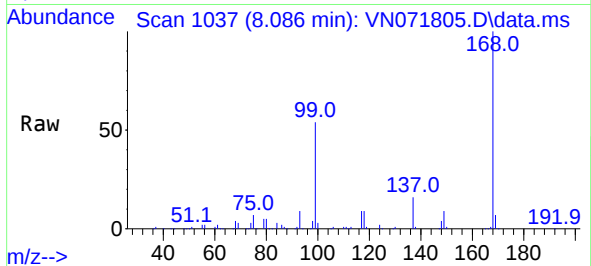




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

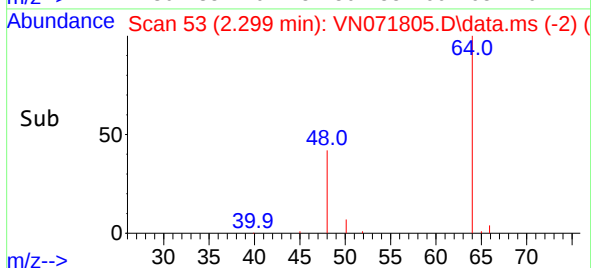
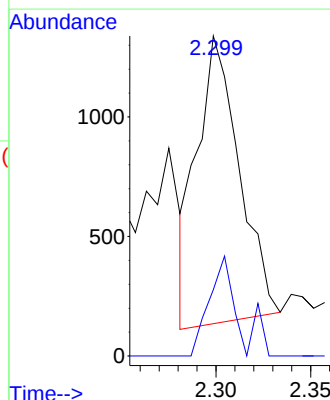
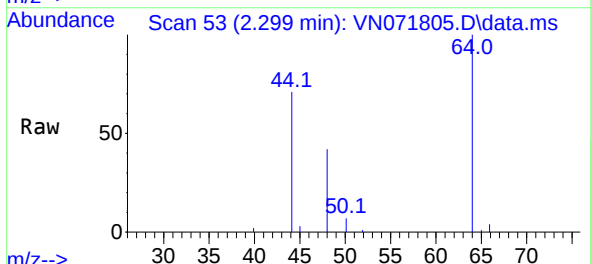
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ClientSampleId :
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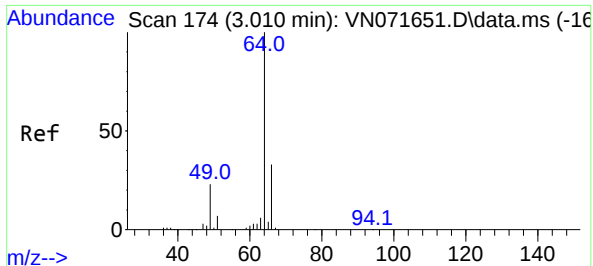
Tgt Ion:168 Resp: 607621
Ion Ratio Lower Upper
168 100
99 54.1 42.3 63.5



#3
Chloromethane
Concen: 0.305 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 50 Resp: 1867
Ion Ratio Lower Upper
50 100
52 24.0 25.7 38.5#

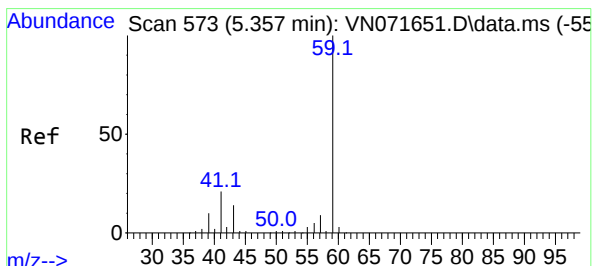
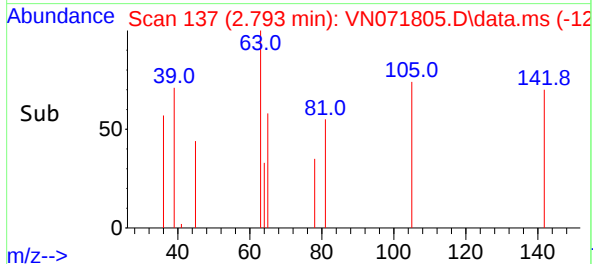
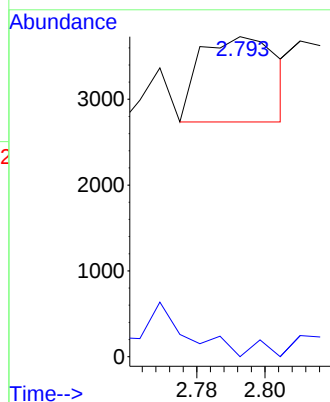
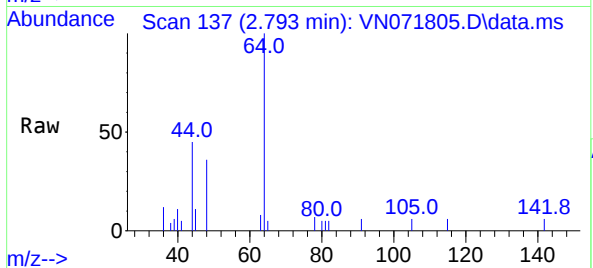




#6
Chloroethane
Concen: 0.321 ug/l
RT: 2.793 min Scan# 11
Delta R.T. -0.217 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

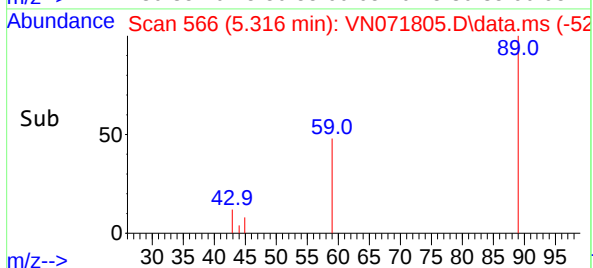
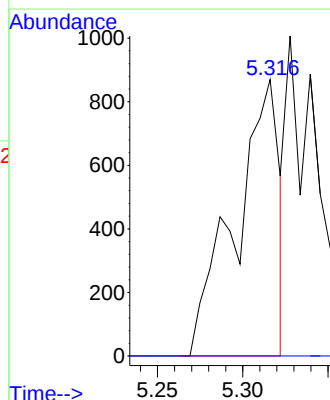
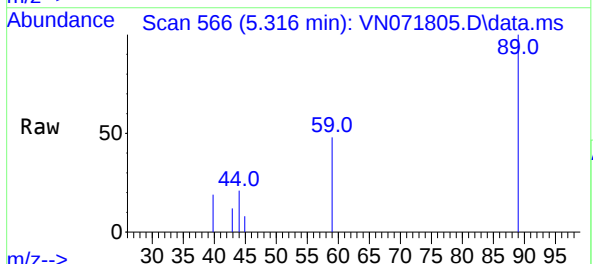
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MSVOA_N
ClientSampleId :
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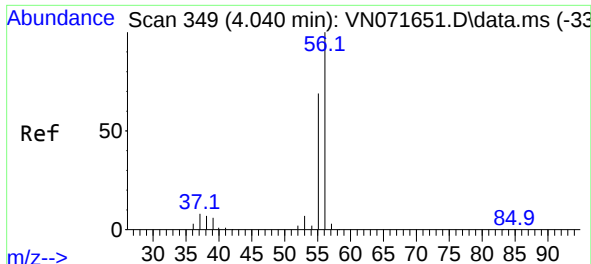
Tgt Ion: 64 Resp: 1554
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.388 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.041 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 59 Resp: 1563
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

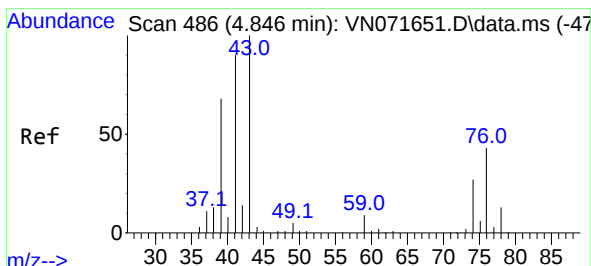
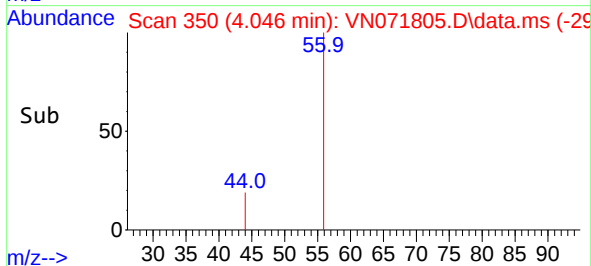
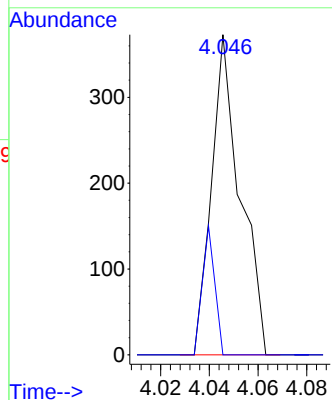
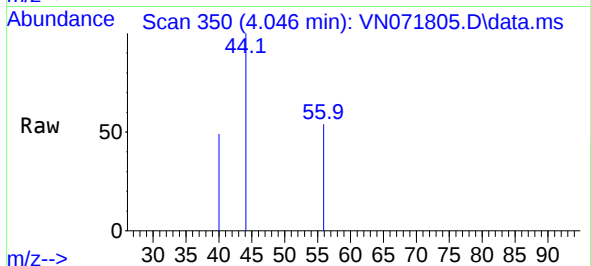




#13
Acrolein
Concen: 0.222 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

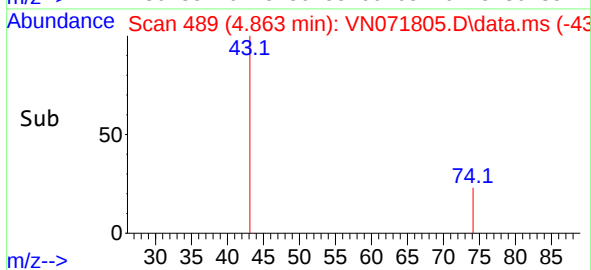
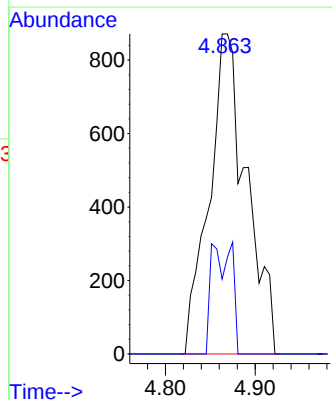
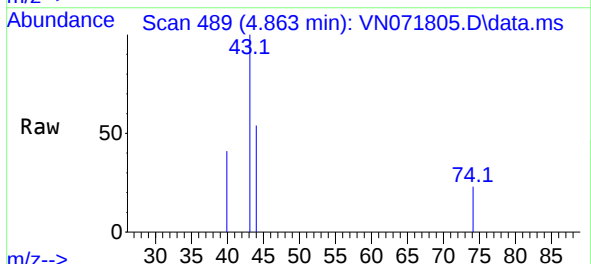
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MSVOA_N
ClientSampleId :
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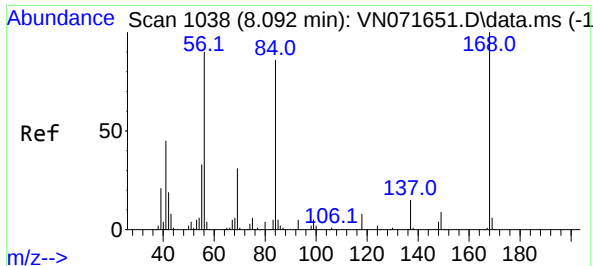
Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 17.4 54.8 82.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 43 Resp: 2527
Ion Ratio Lower Upper
43 100
74 19.0 21.6 32.4#

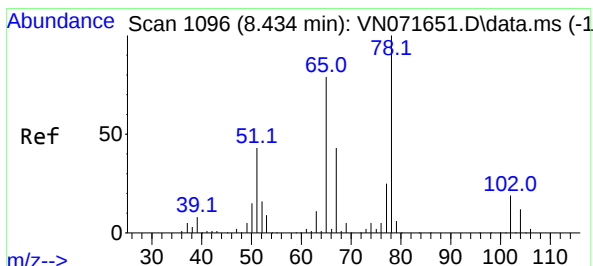
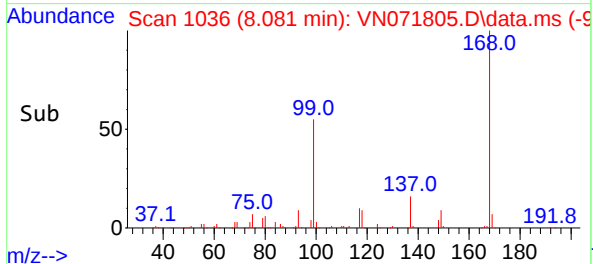
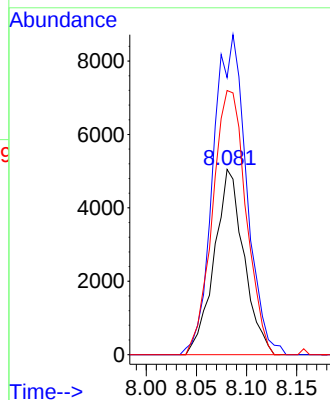
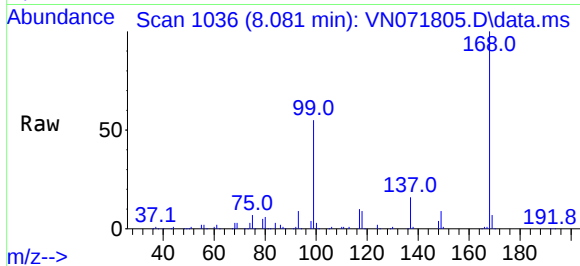




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

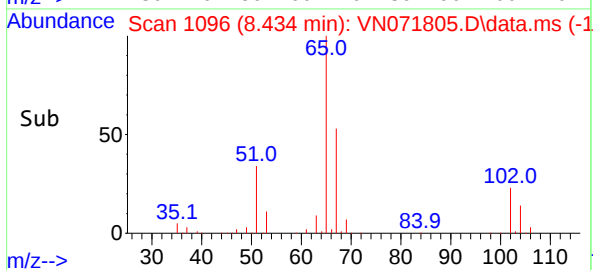
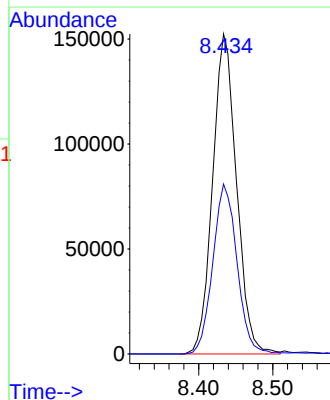
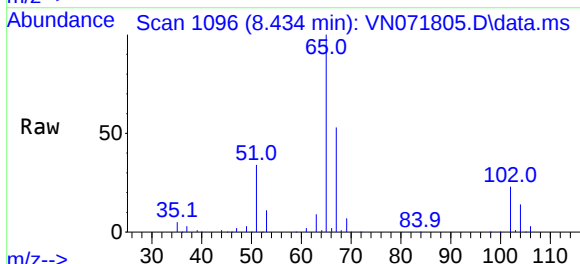
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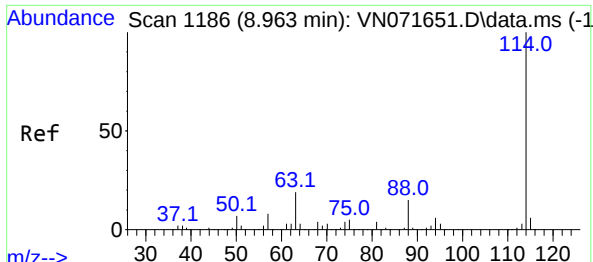
Tgt Ion: 56 Resp: 10401
Ion Ratio Lower Upper
56 100
69 149.5 27.8 41.8#
84 142.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.265 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 65 Resp: 341734
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

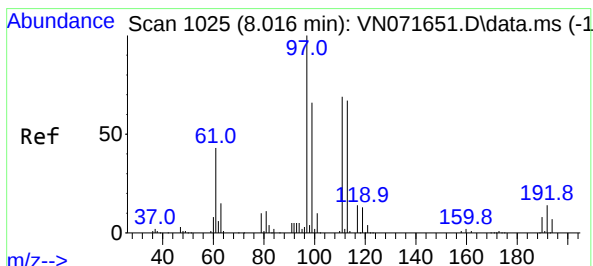
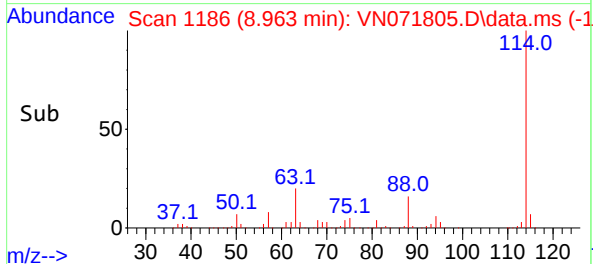
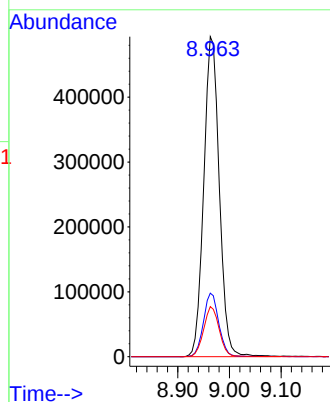
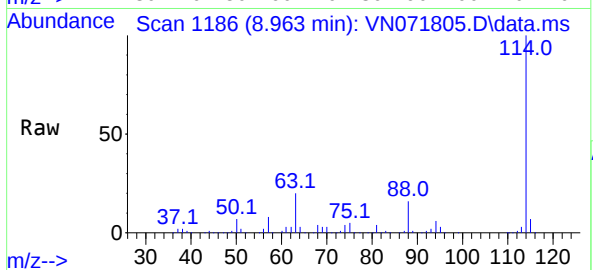




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

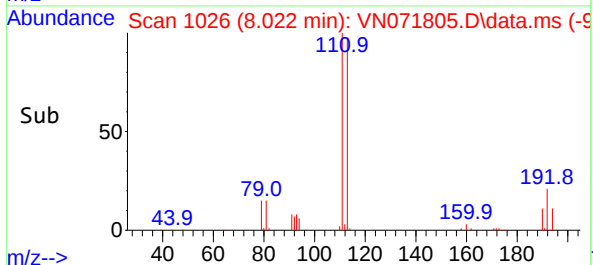
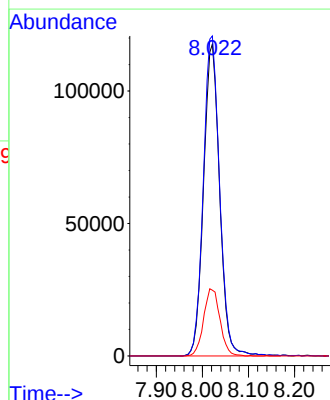
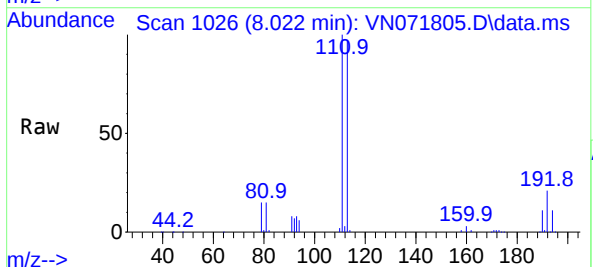
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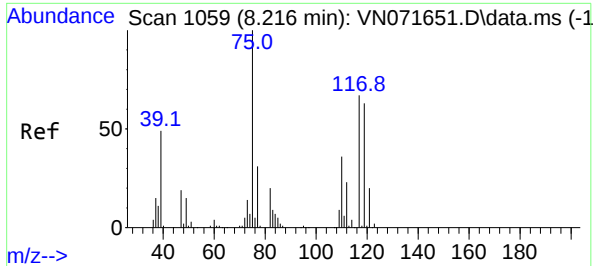
Tgt Ion:114 Resp: 1030208
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.307 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion:113 Resp: 286783
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 21.9 17.0 25.6

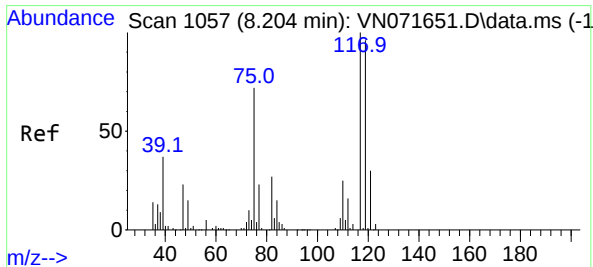
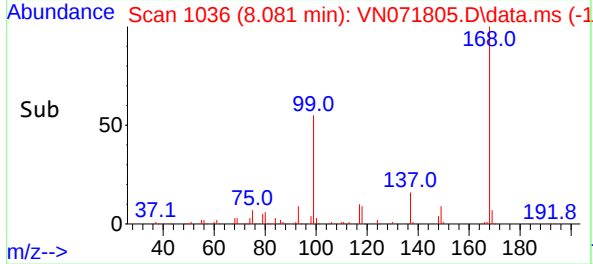
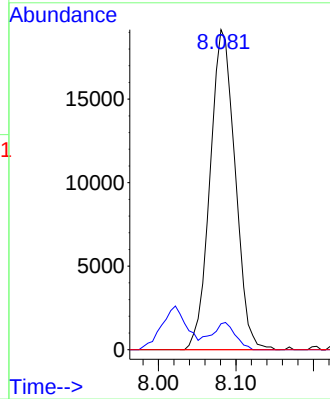
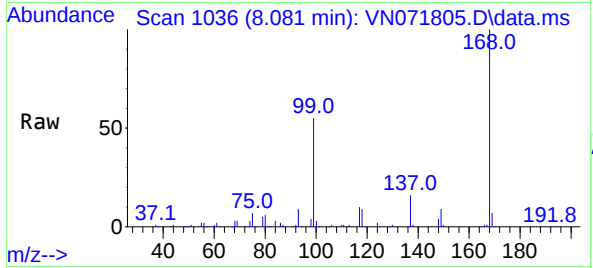




#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

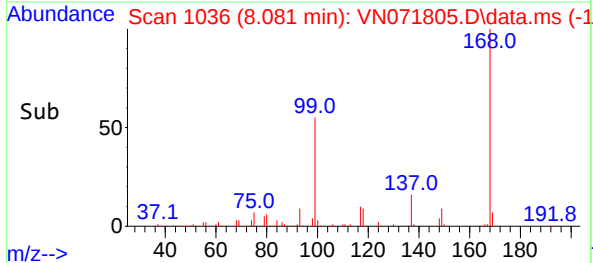
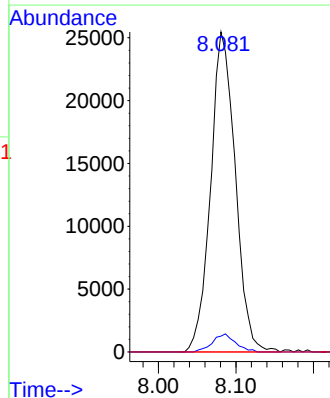
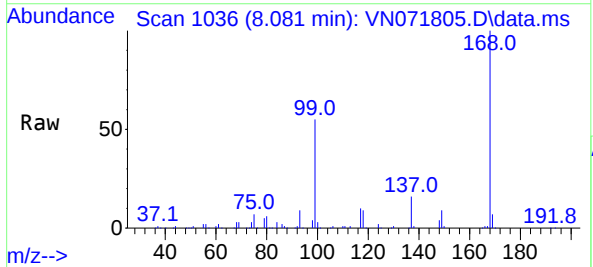
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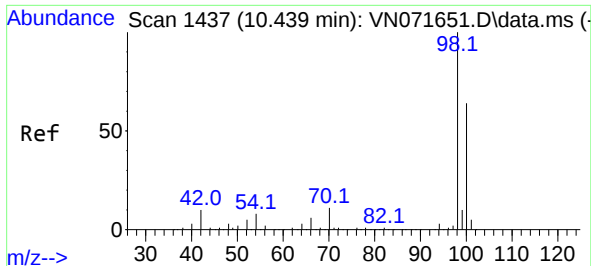
Tgt Ion: 75 Resp: 43100
Ion Ratio Lower Upper
75 100
110 7.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.790 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 117 Resp: 56332
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#

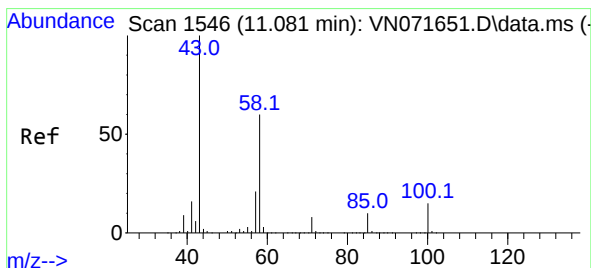
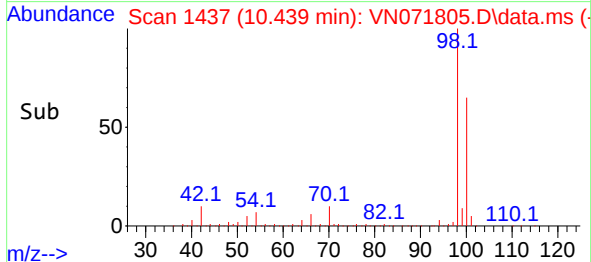
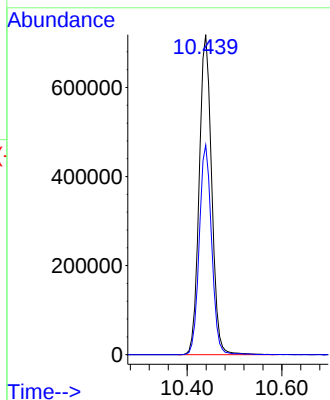
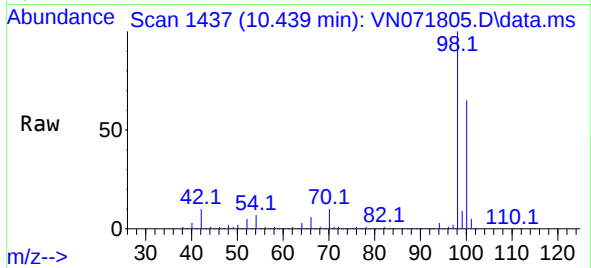




#50
Toluene-d8
Concen: 52.879 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

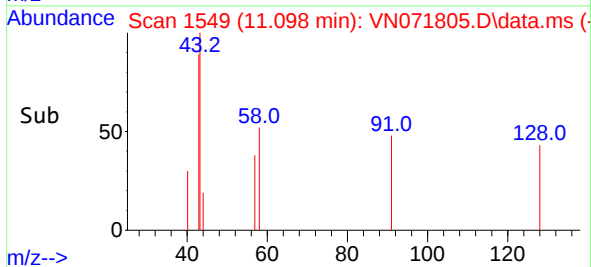
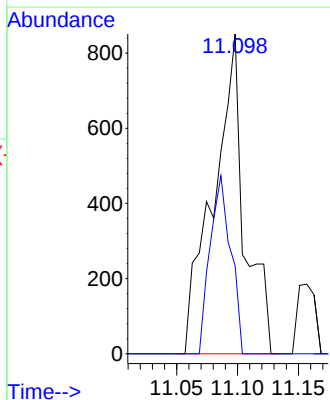
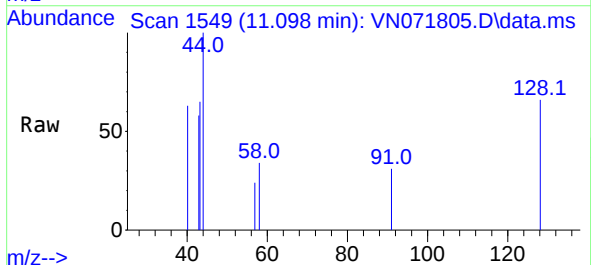
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ClientSampleId :
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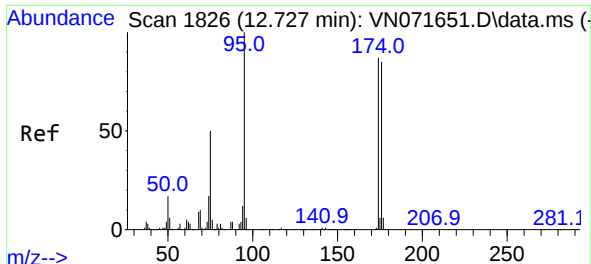
Tgt Ion: 98 Resp: 1311354
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#59
2-Hexanone
Concen: 0.243 ug/l
RT: 11.098 min Scan# 1549
Delta R.T. 0.017 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 36.7 29.7 89.1

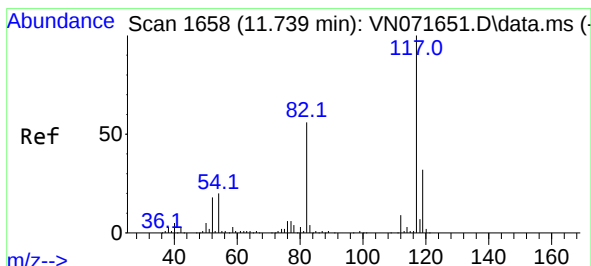
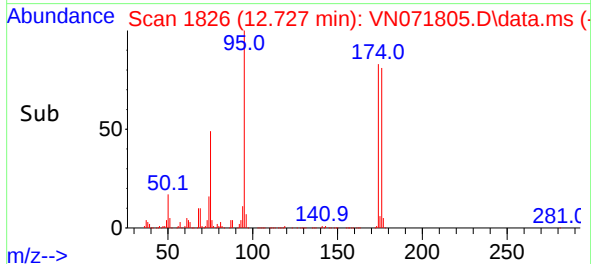
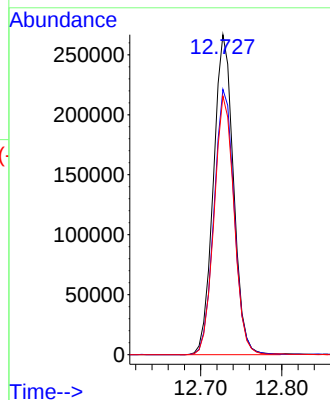
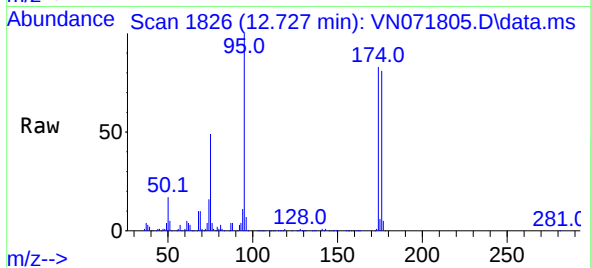




#62
4-Bromofluorobenzene
Concen: 57.126 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

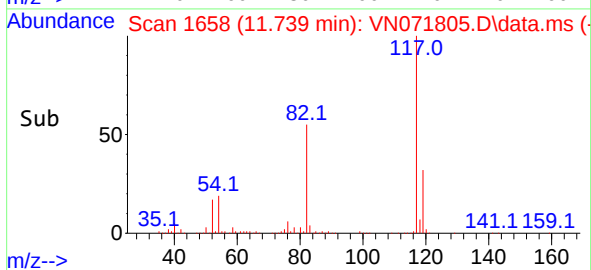
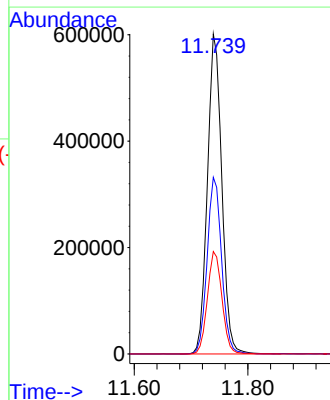
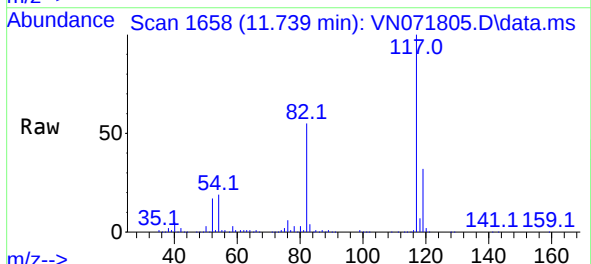
Instrument :
MSVOA_N
ClientSampleId :
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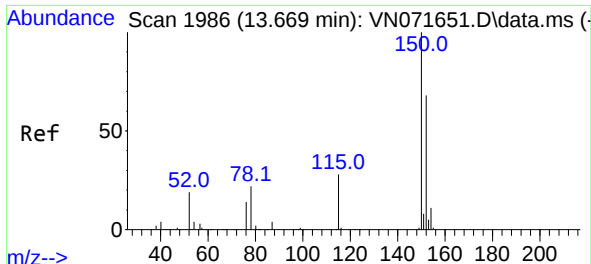
Tgt Ion: 95 Resp: 458174
Ion Ratio Lower Upper
95 100
174 83.4 0.0 167.6
176 80.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 117 Resp: 1054127
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.0 25.4 38.0

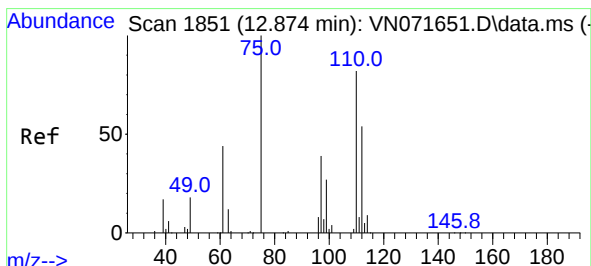
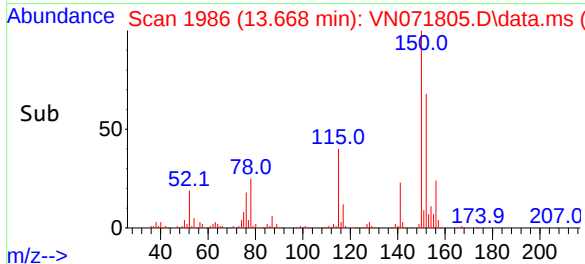
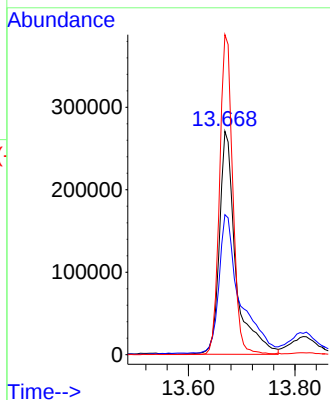
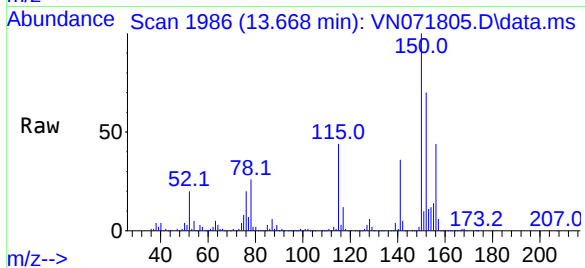




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

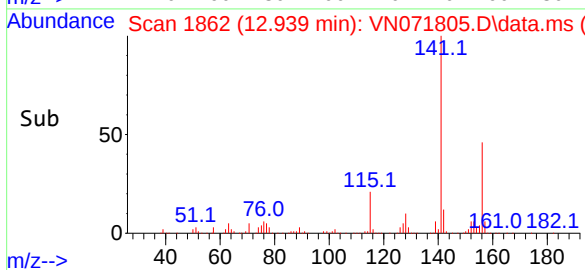
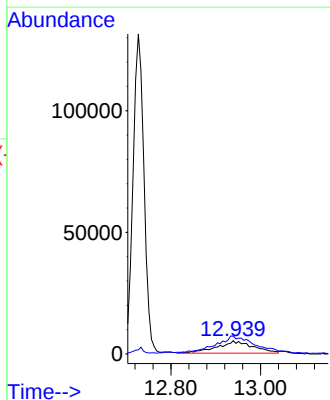
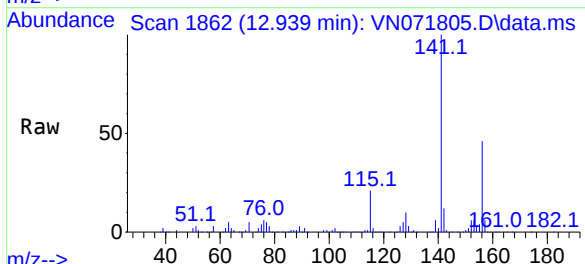
Instrument :
MSVOA_N
ClientSampleId :
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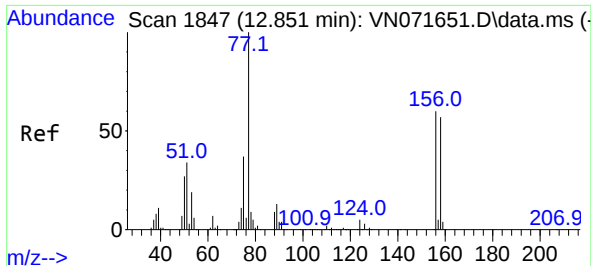
Tgt Ion:152 Resp: 577628
Ion Ratio Lower Upper
152 100
115 81.0 28.9 86.7
150 115.3 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 2.079 ug/l
RT: 12.939 min Scan# 1862
Delta R.T. 0.065 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 75 Resp: 27817
Ion Ratio Lower Upper
75 100
77 156.0 98.5 295.5

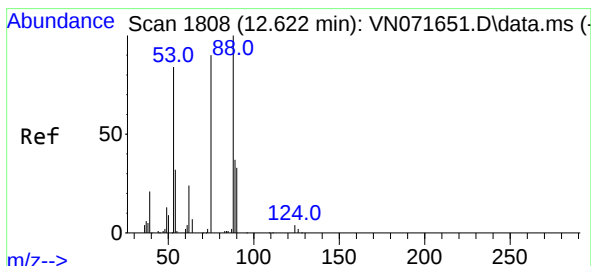
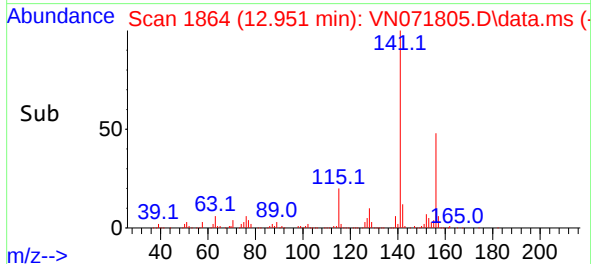
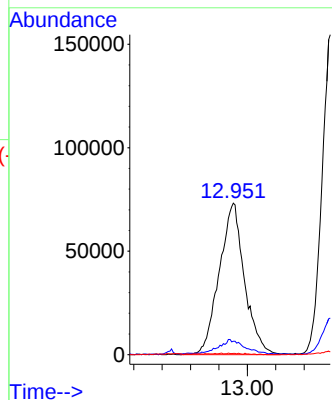
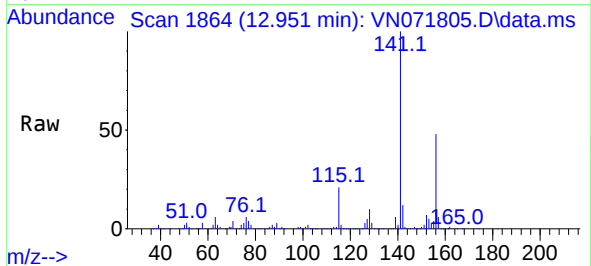




#77
Bromobenzene
Concen: 37.026 ug/l
RT: 12.951 min Scan# 1864
Delta R.T. 0.100 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

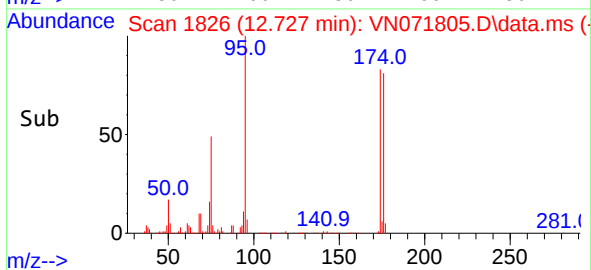
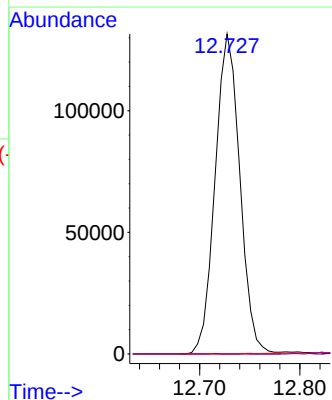
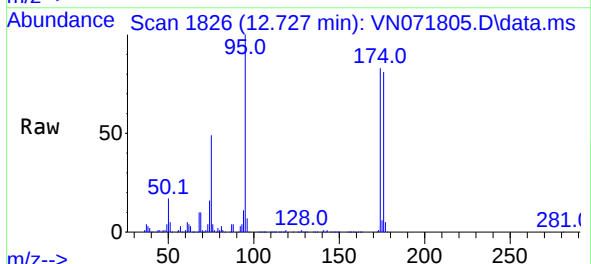
Instrument :
MSVOA_N
ClientSampleId :
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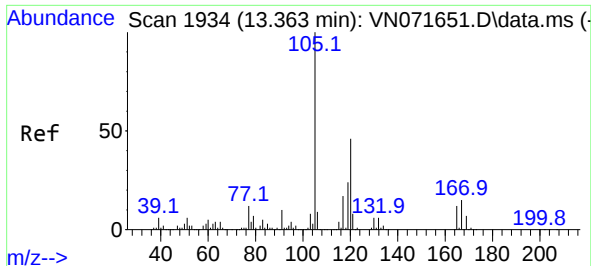
Tgt Ion:156 Resp: 451796
Ion Ratio Lower Upper
156 100
77 9.6 100.5 301.5#
158 0.0 48.9 146.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.099 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 75 Resp: 224963
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

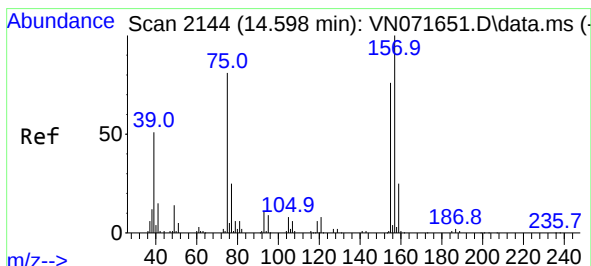
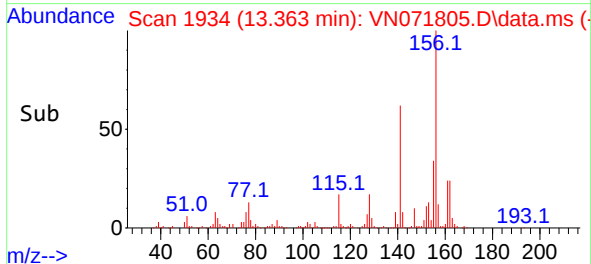
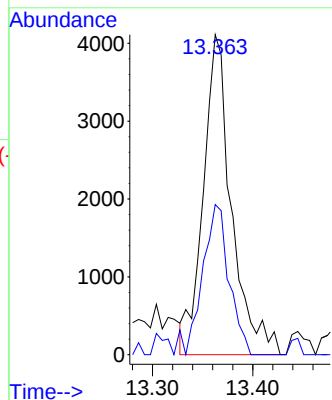
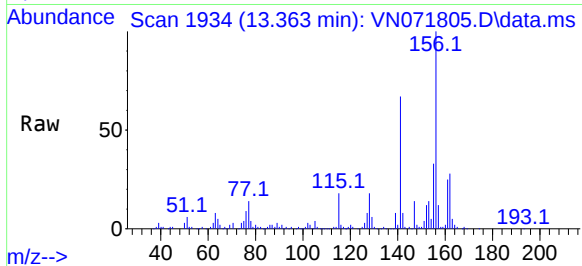




#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

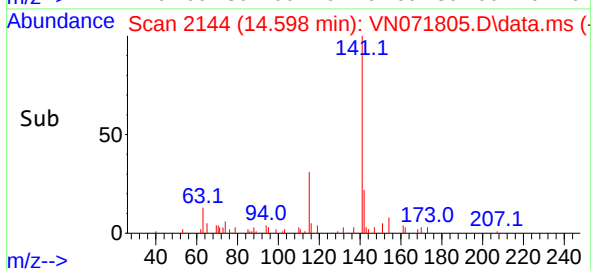
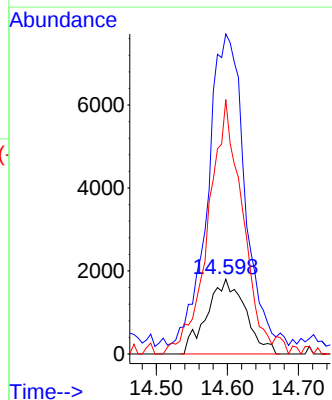
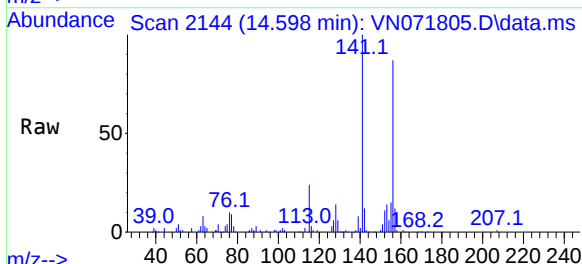
Instrument :
MSVOA_N
ClientSampleId :
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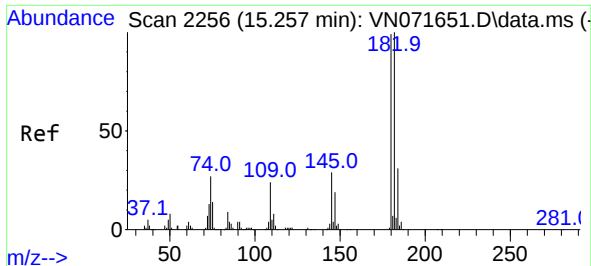
Tgt Ion:105 Resp: 8048
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.683 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
155 398.5 44.9 134.5#
157 301.9 59.0 176.8#

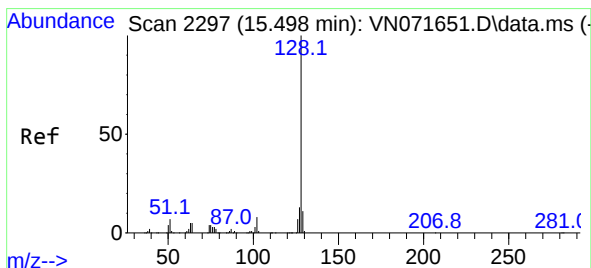
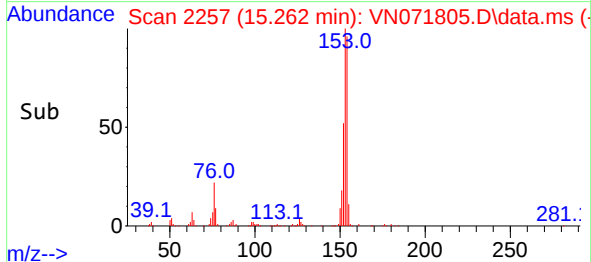
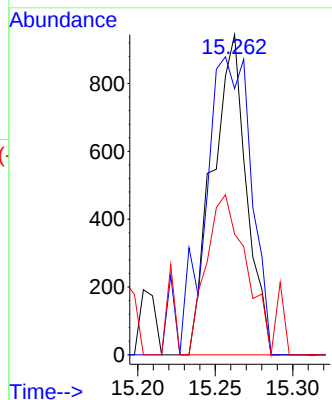
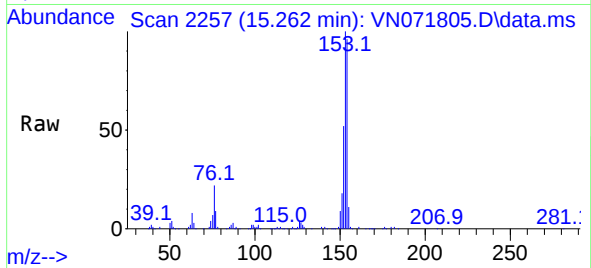




#93
1,2,4-Trichlorobenzene
Concen: 2.236 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

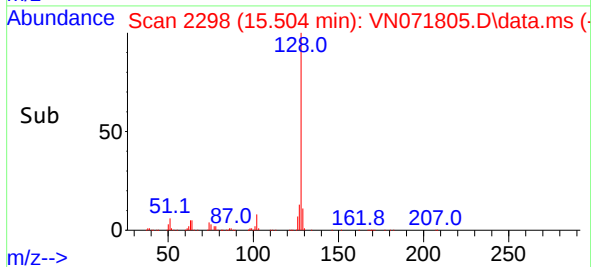
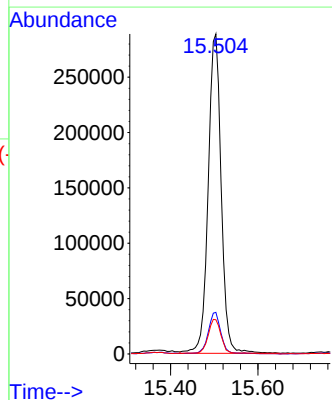
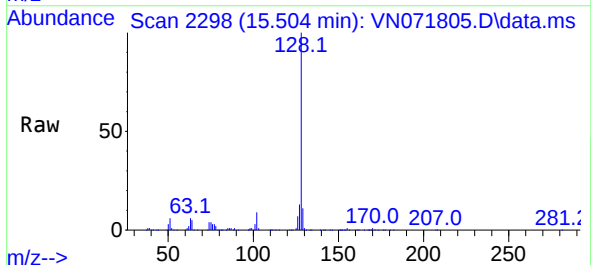
Instrument :
MSVOA_N
ClientSampleId :
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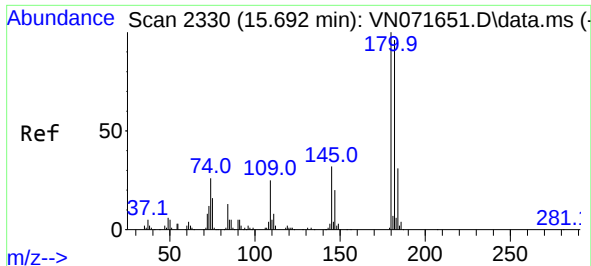
Tgt Ion:180 Resp: 1443
Ion Ratio Lower Upper
180 100
182 129.7 47.5 142.5
145 58.4 14.5 43.5#



#95
Naphthalene
Concen: 24.775 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071805.D
Acq: 02 Apr 2022 18:10

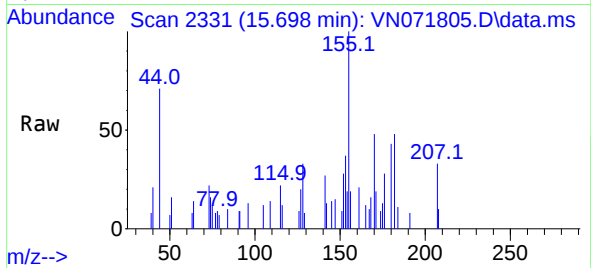
Tgt Ion:128 Resp: 597064
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 10.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.594 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071805.D
 Acq: 02 Apr 2022 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK



Tgt Ion:	180	Resp:	1680
Ion	Ratio	Lower	Upper
180	100		
182	128.6	47.8	143.3
145	57.3	15.5	46.5

