

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072312.D
 Acq On : 03 May 2022 18:33
 Operator : JC\MD
 Sample : N2619-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: May 04 05:14:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	179110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	359345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	387954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	150042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	147975	53.814	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.620%	
35) Dibromofluoromethane	8.022	113	112966	49.115	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.240%	
50) Toluene-d8	10.439	98	461978	51.117	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.727	95	173743	57.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.840%	

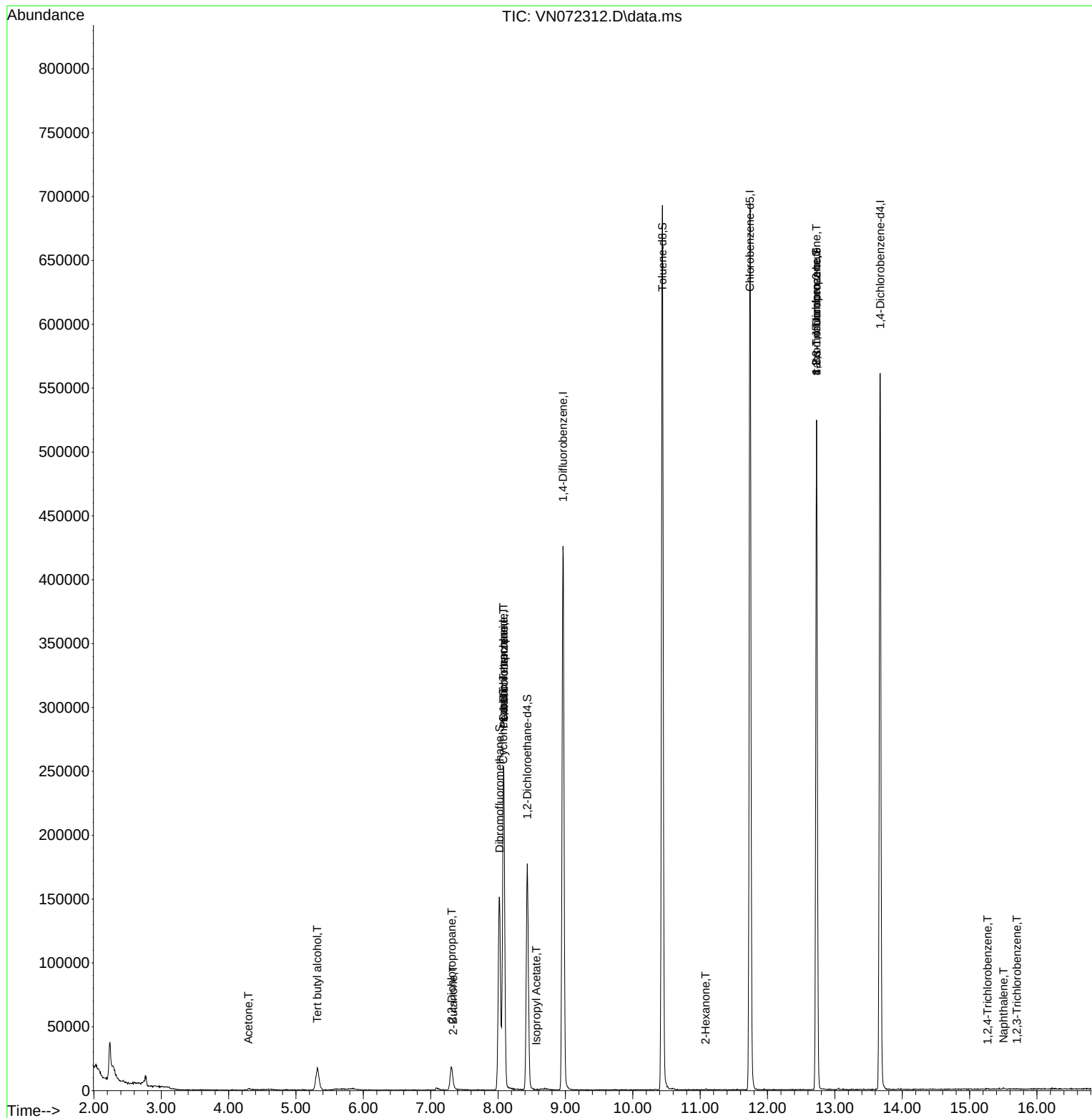
Target Compounds			Qvalue			
3) Chloromethane	2.299	50	1232	Below Cal	#	43
5) Bromomethane	2.834	94	66	Below Cal	#	2
6) Chloroethane	3.034	64	648	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	16243	35.945	ug/l #	72
16) Acetone	4.293	43	849	0.716	ug/l #	42
25) 2-Butanone	7.334	43	1348	0.714	ug/l #	45
26) 2,2-Dichloropropane	7.310	77	1032	0.323	ug/l #	53
31) Cyclohexane	8.075	56	4726	1.286	ug/l #	50
36) 1,1-Dichloropropene	8.081	75	16221	4.845	ug/l #	48
38) Carbon Tetrachloride	8.081	117	20239	5.644	ug/l #	17
43) Isopropyl Acetate	8.569	43	69	0.811	ug/l #	53
59) 2-Hexanone	11.080	43	639	0.216	ug/l	75
76) 1,2,3-Trichloropropane	12.727	75	95522	28.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	95522	73.612	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	279	2.535	ug/l #	58
95) Naphthalene	15.504	128	1066	4.425	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.704	180	108	2.718	ug/l #	56

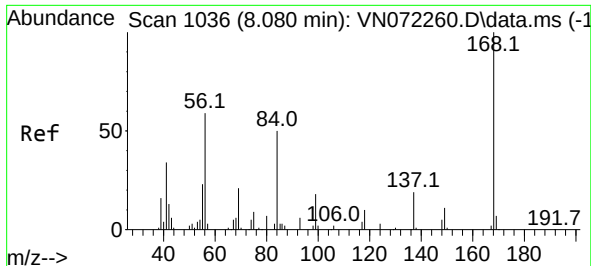
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 04 05:14:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

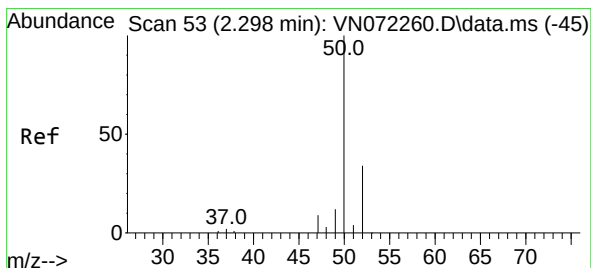
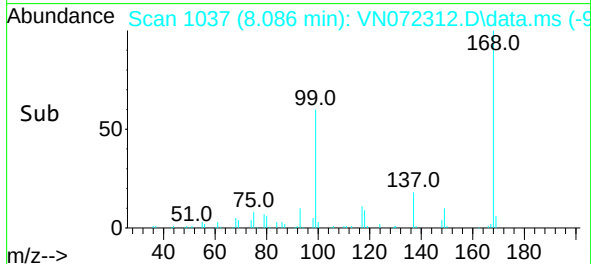
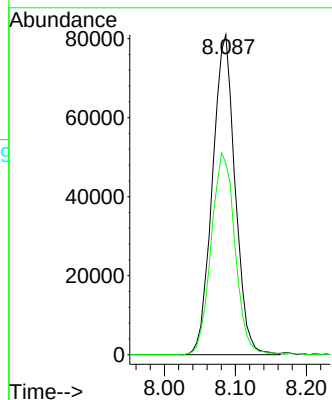
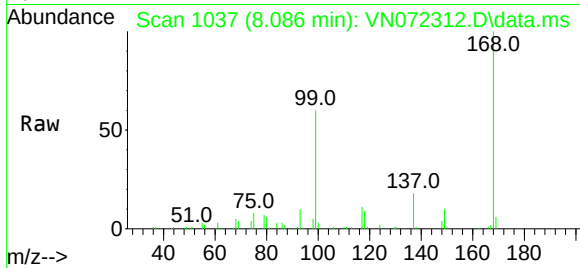




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

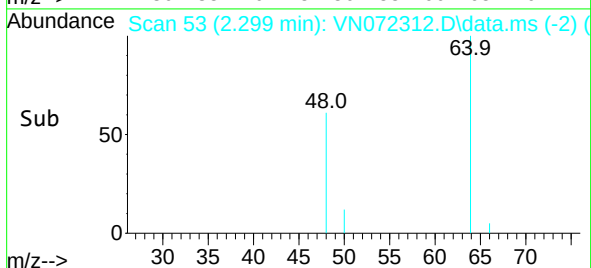
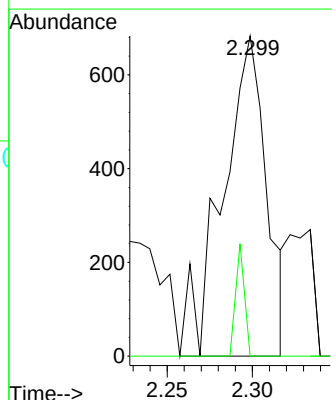
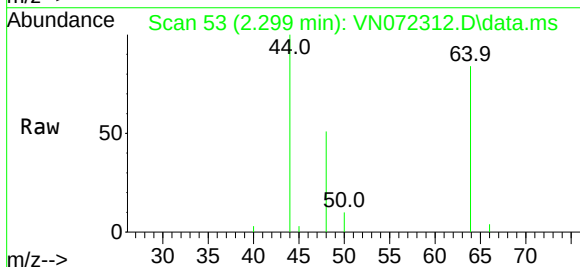
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MSVOA_N
ClientSampleId :
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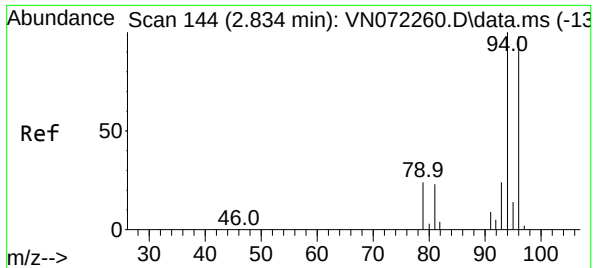
Tgt Ion:168 Resp: 179110
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 50 Resp: 1232
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

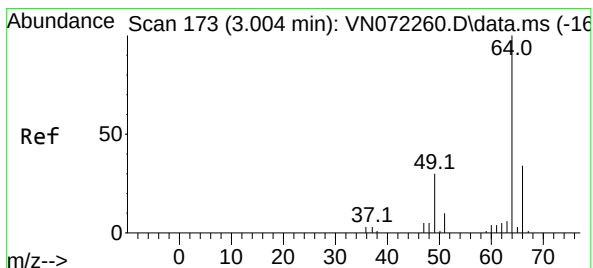
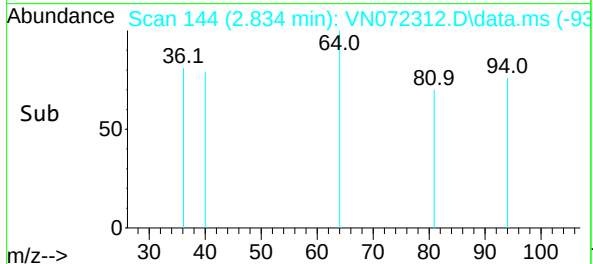
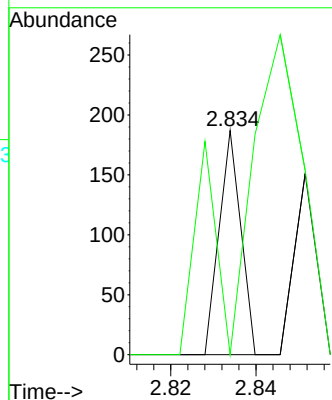
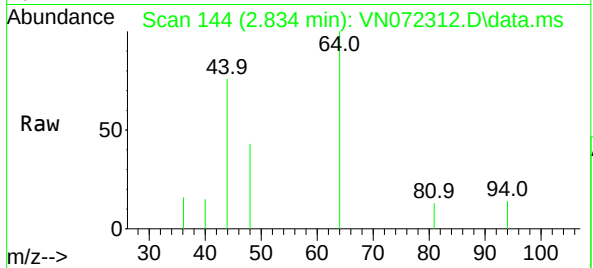




#5
Bromomethane
Concen: Below Cal
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

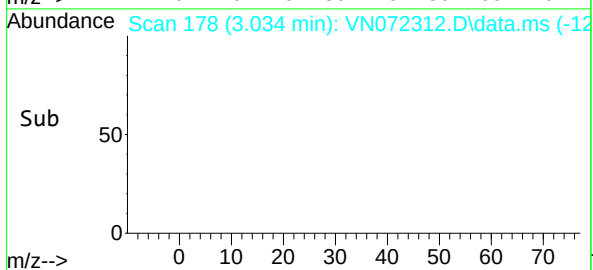
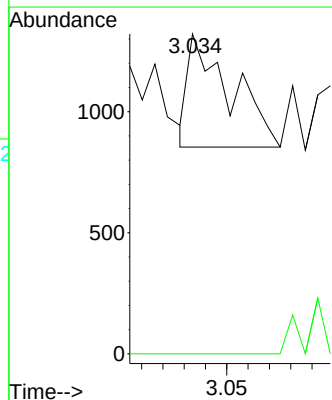
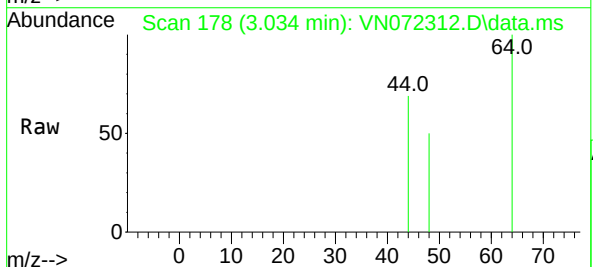
Instrument :
MSVOA_N
ClientSampleId :
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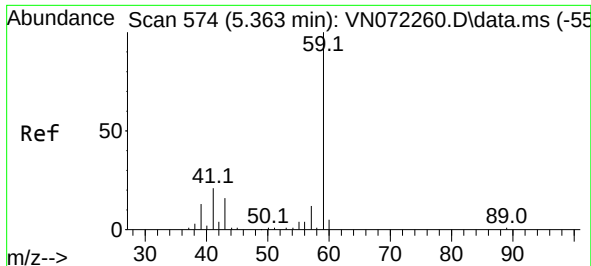
Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.034 min Scan# 178
Delta R.T. 0.029 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 64 Resp: 648
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

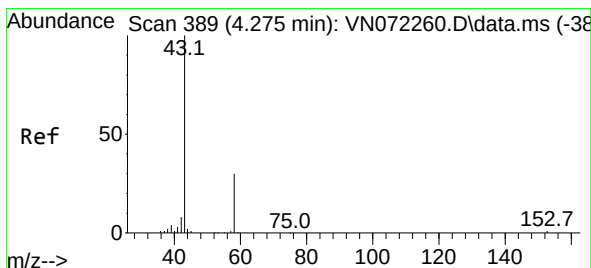
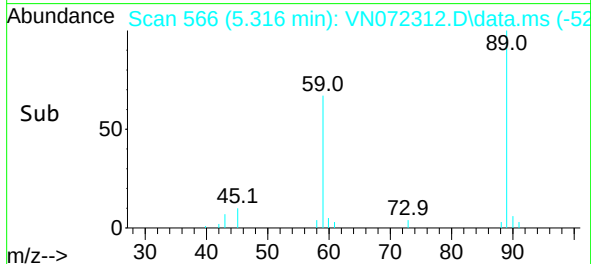
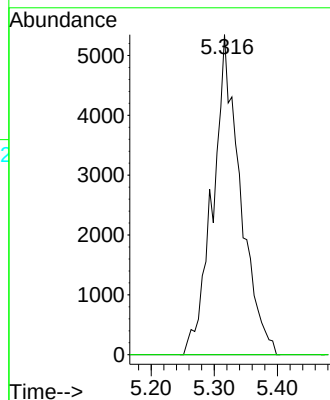
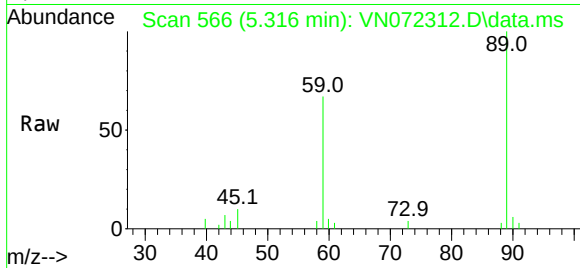




#11
Tert butyl alcohol
Concen: 35.945 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

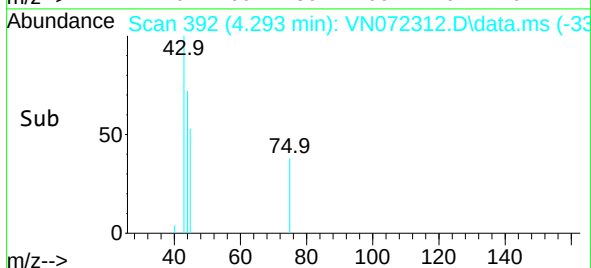
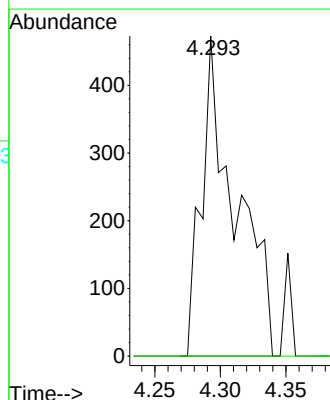
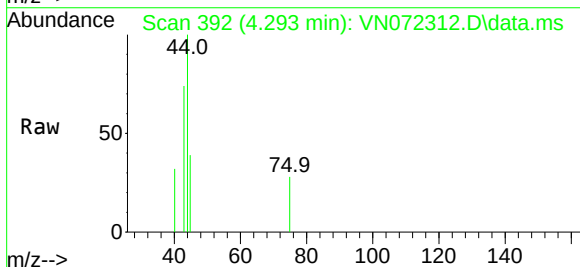
Instrument :
MSVOA_N
ClientSampleId :
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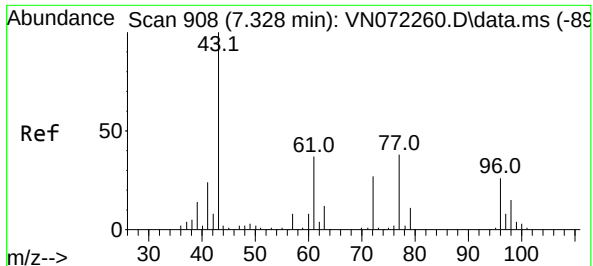
Tgt Ion: 59 Resp: 16243
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.716 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#25

2-Butanone

Concen: 0.714 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072312.D

Acq: 03 May 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

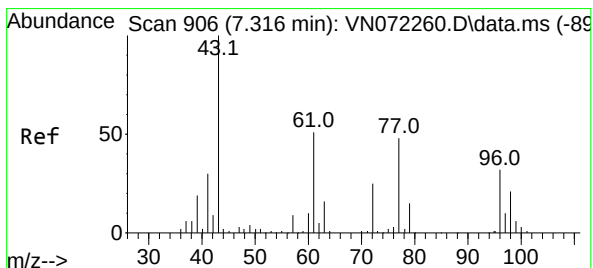
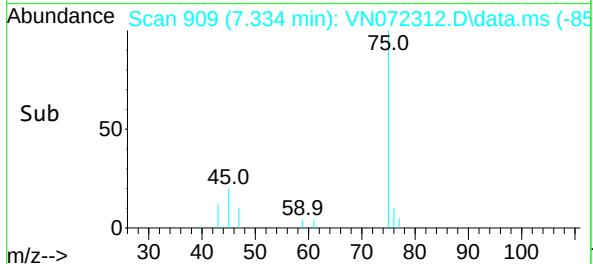
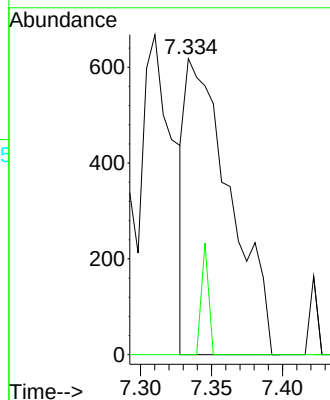
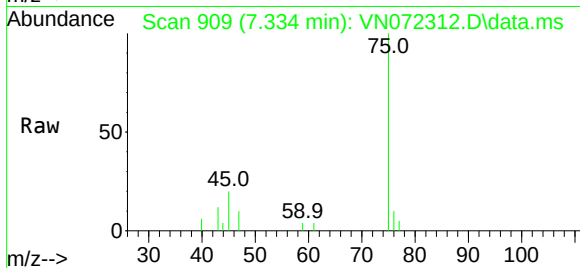
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Tgt Ion: 43 Resp: 1348

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.323 ug/l

RT: 7.310 min Scan# 905

Delta R.T. -0.012 min

Lab File: VN072312.D

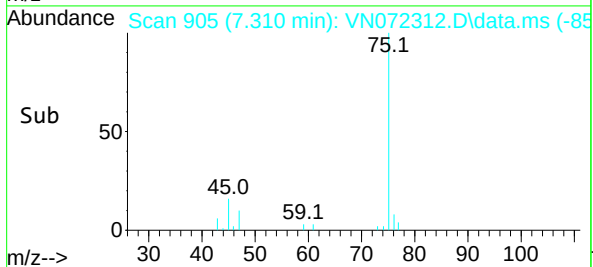
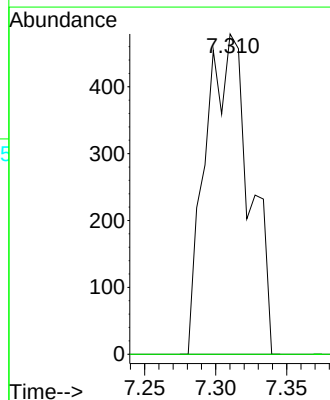
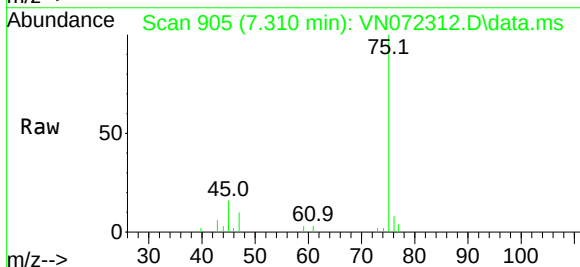
Acq: 03 May 2022 18:33

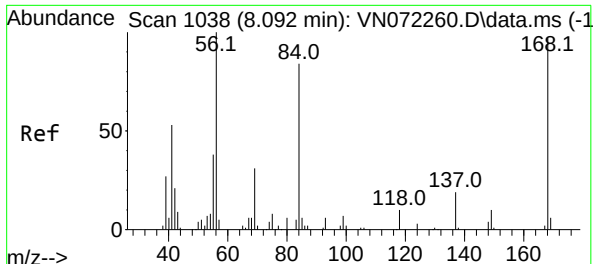
Tgt Ion: 77 Resp: 1032

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

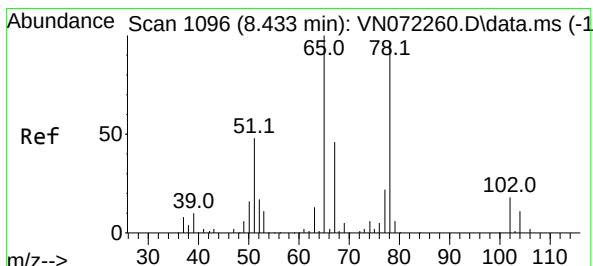
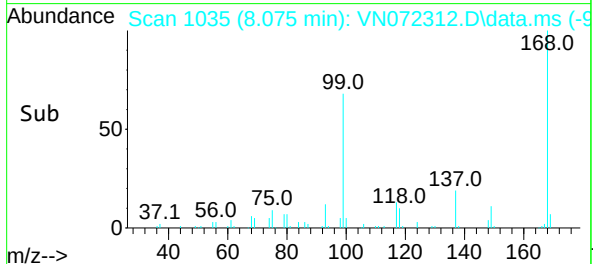
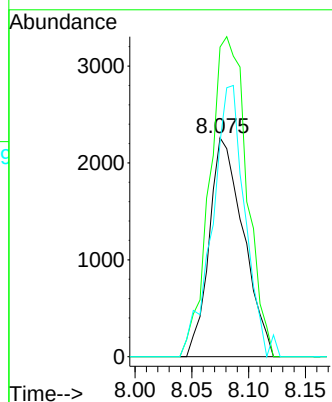
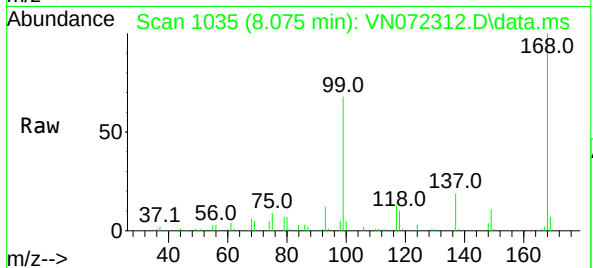




#31
Cyclohexane
Concen: 1.286 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

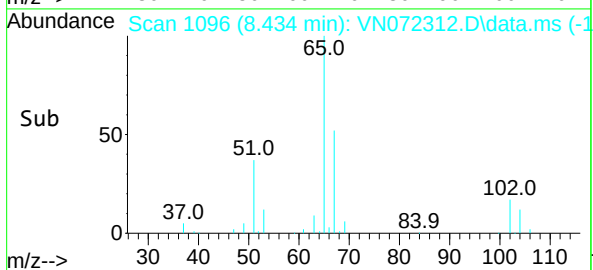
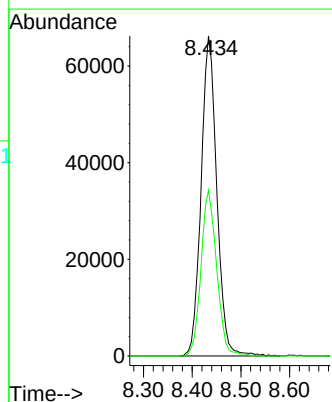
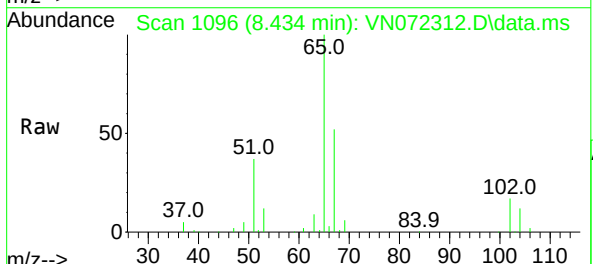
Instrument :
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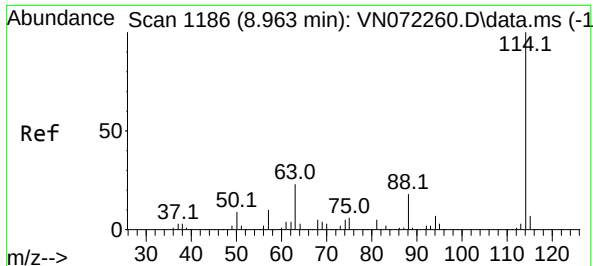
Tgt Ion: 56 Resp: 4726
Ion Ratio Lower Upper
56 100
69 141.4 27.8 41.8#
84 97.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 53.814 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 65 Resp: 147975
Ion Ratio Lower Upper
65 100
67 51.6 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: VN072312.D

Acq: 03 May 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

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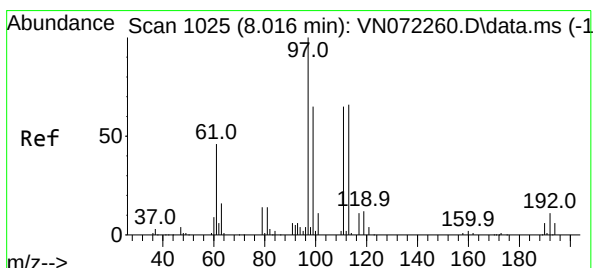
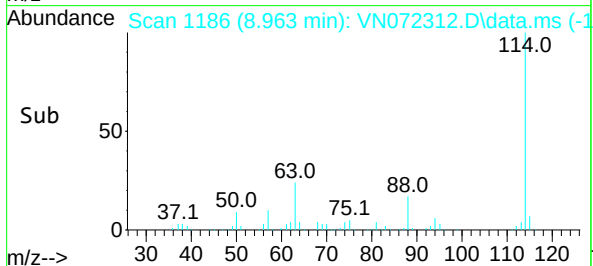
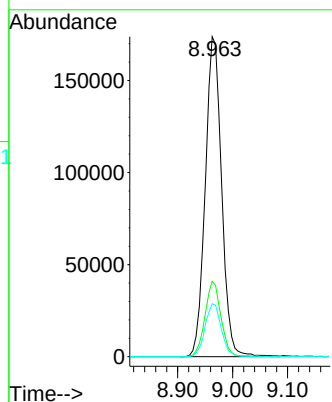
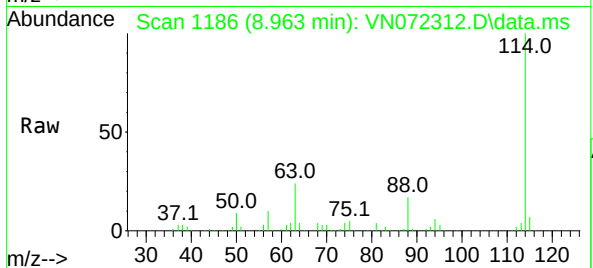
Tgt Ion:114 Resp: 359345

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072312.D

Acq: 03 May 2022 18:33

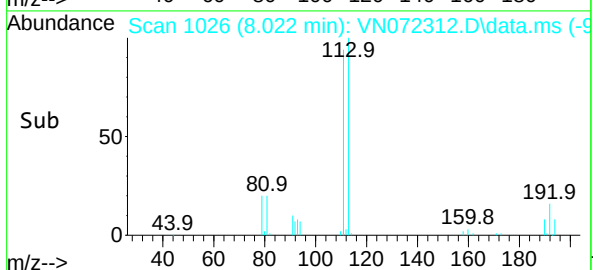
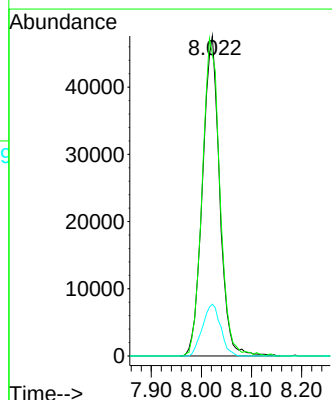
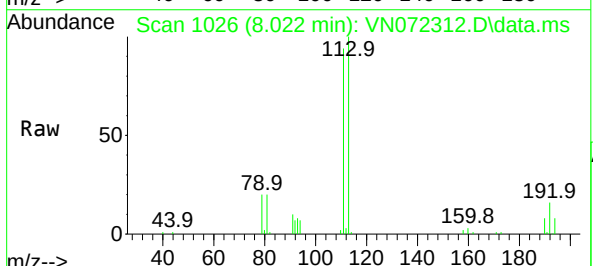
Tgt Ion:113 Resp: 112966

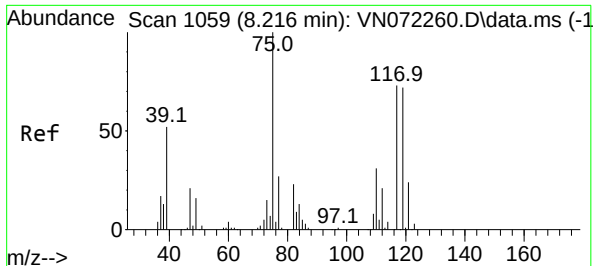
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 17.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072312.D

Acq: 03 May 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

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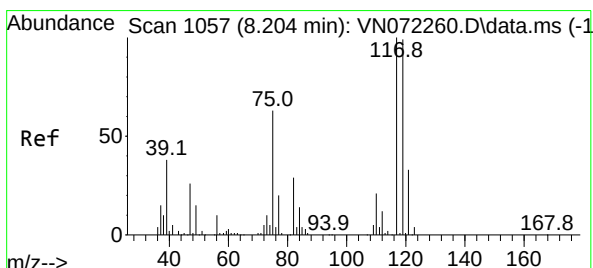
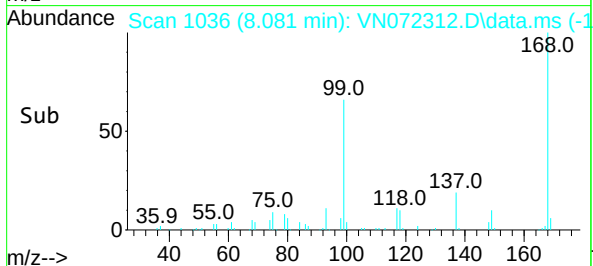
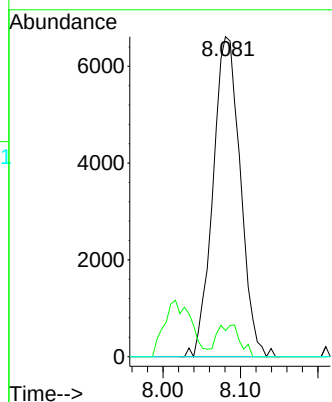
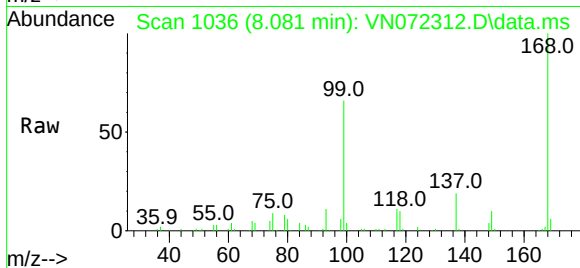
Tgt Ion: 75 Resp: 16221

Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.644 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072312.D

Acq: 03 May 2022 18:33

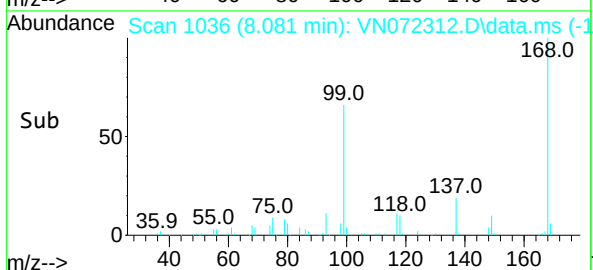
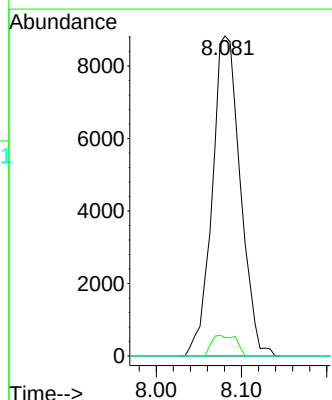
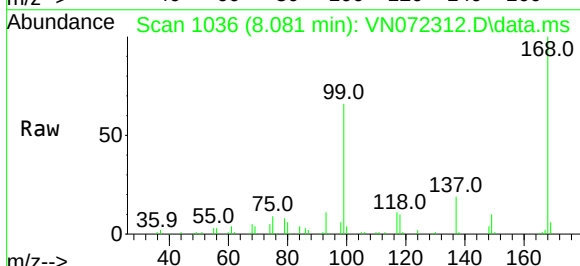
Tgt Ion: 117 Resp: 20239

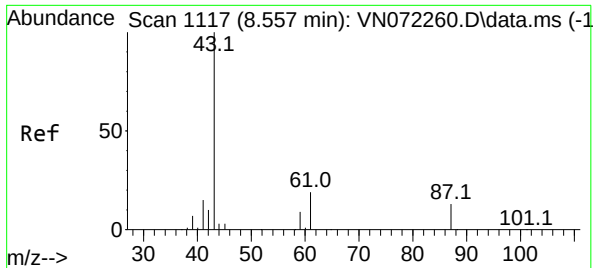
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.8#

121 0.0 24.6 37.0#

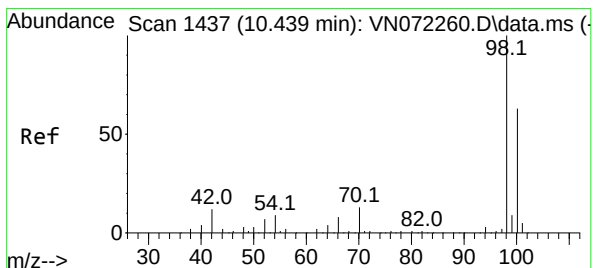
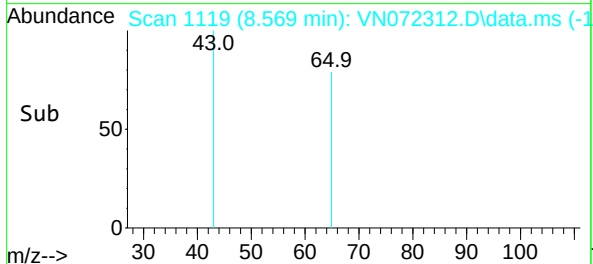
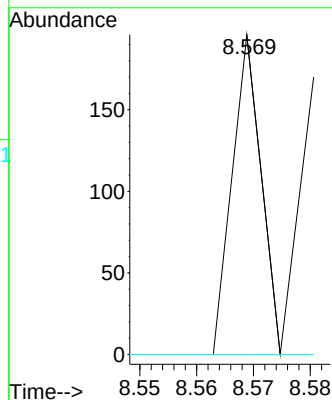
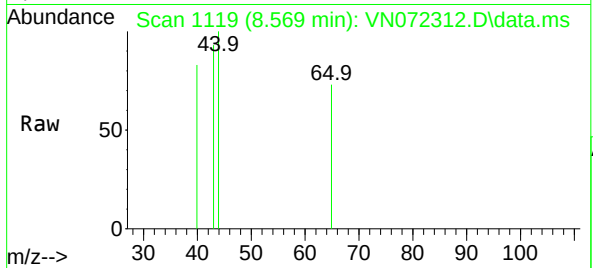




#43
Isopropyl Acetate
Concen: 0.811 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.012 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

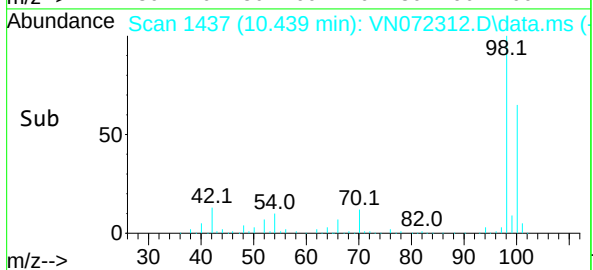
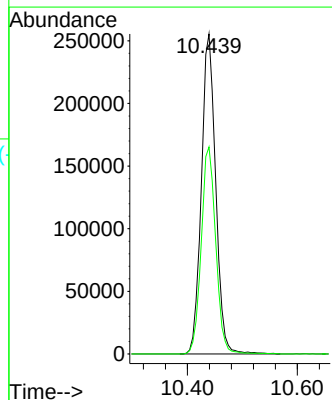
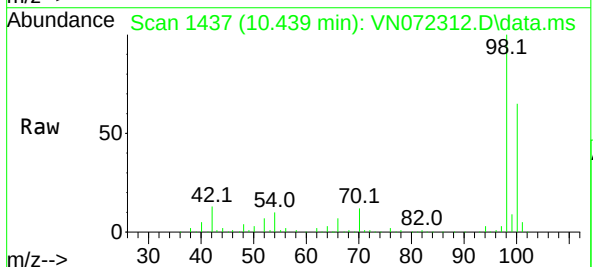
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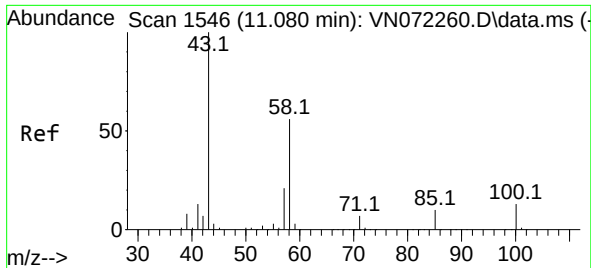
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.117 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 98 Resp: 461978
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

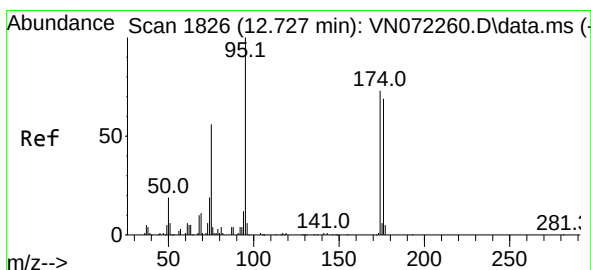
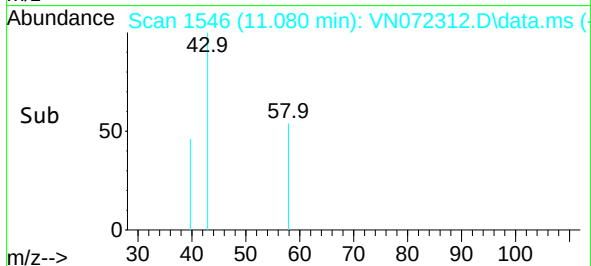
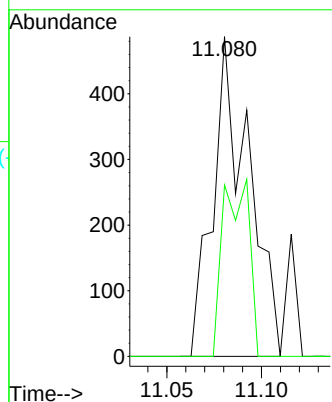
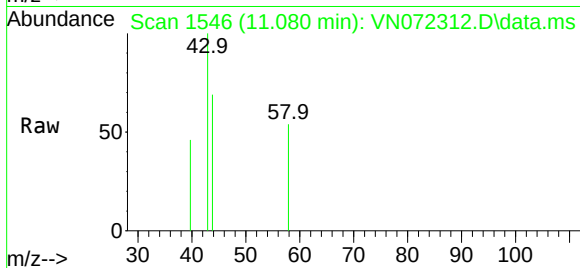




#59
2-Hexanone
Concen: 0.216 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

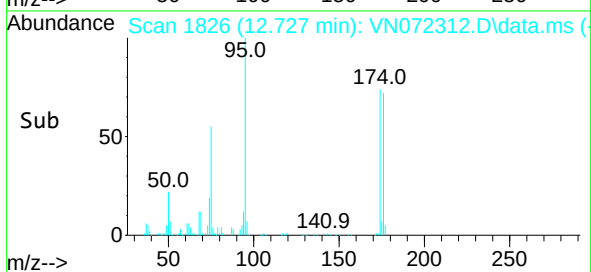
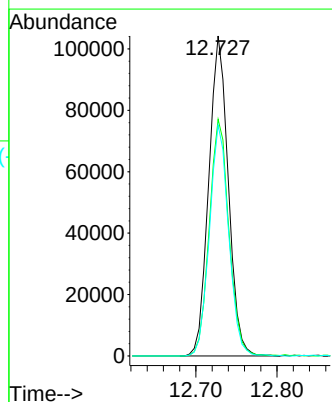
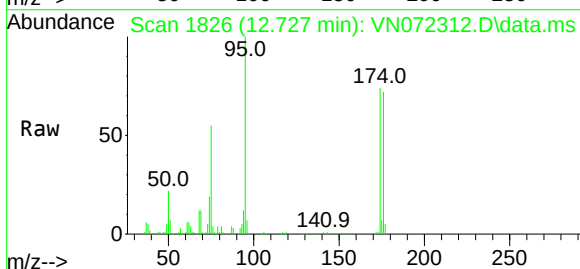
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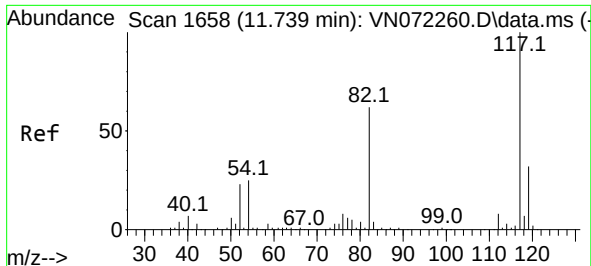
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 40.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 57.919 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 95 Resp: 173743
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 71.0 0.0 163.4

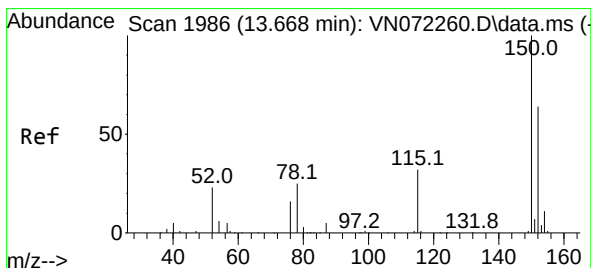
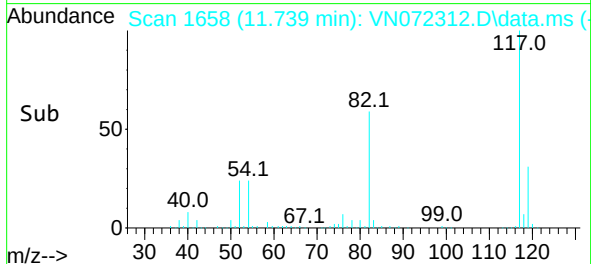
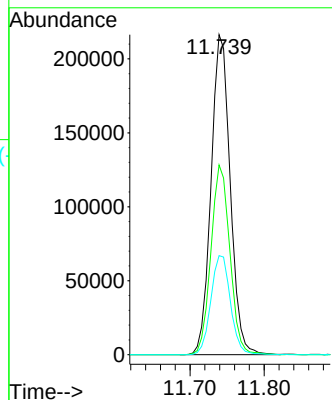
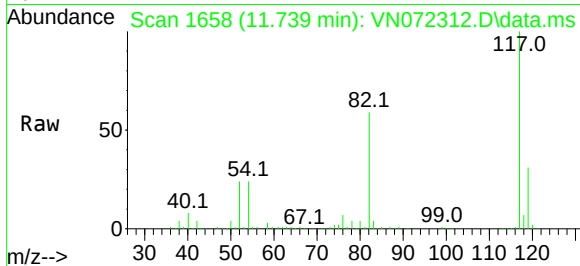




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

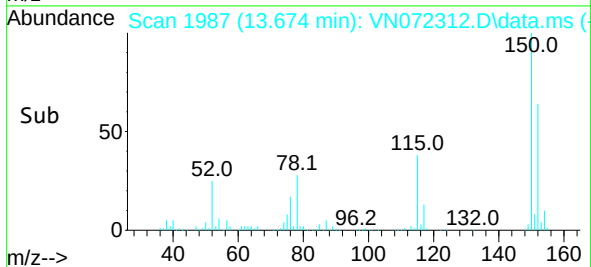
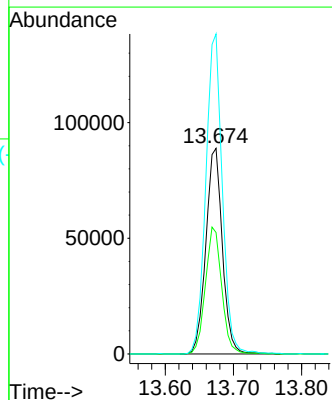
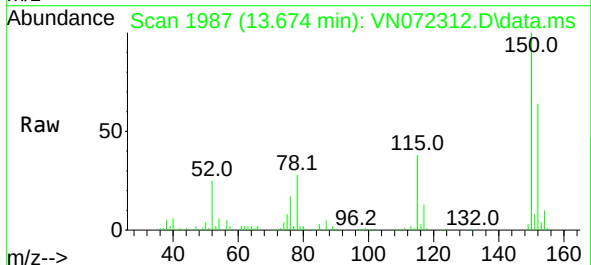
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MSVOA_N
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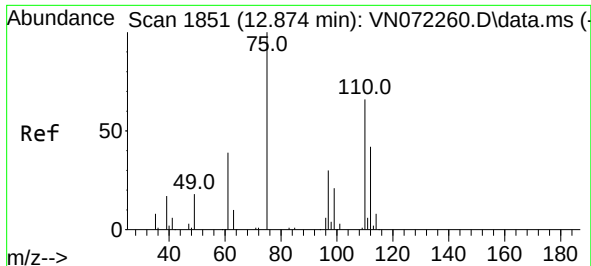
Tgt Ion:117 Resp: 387954
Ion Ratio Lower Upper
117 100
82 59.3 44.2 66.2
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion:152 Resp: 150042
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 155.1 0.0 356.2

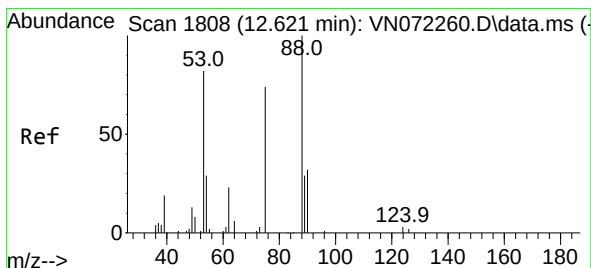
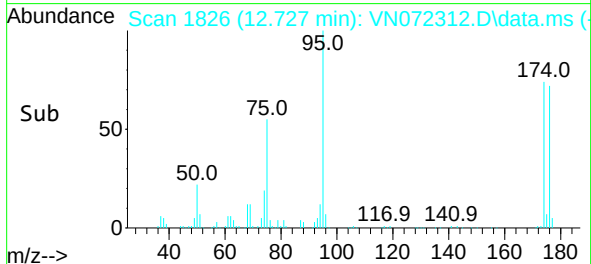
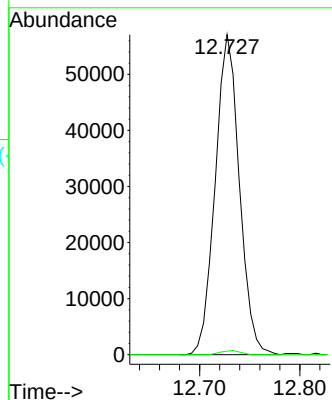
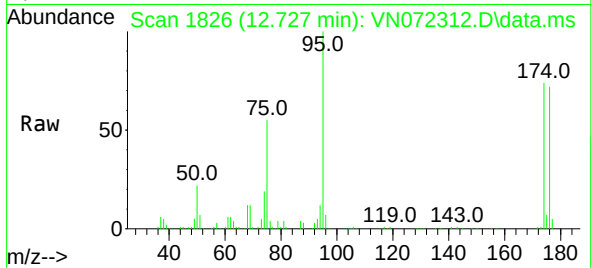




#76
1,2,3-Trichloropropane
Concen: 28.343 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

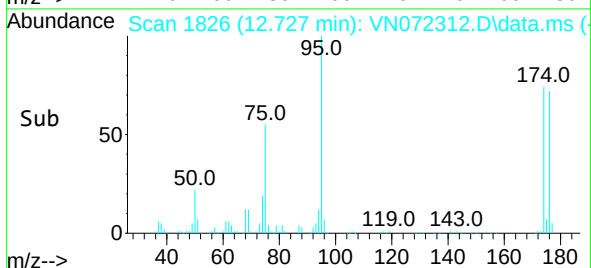
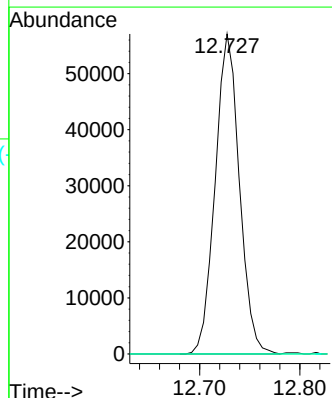
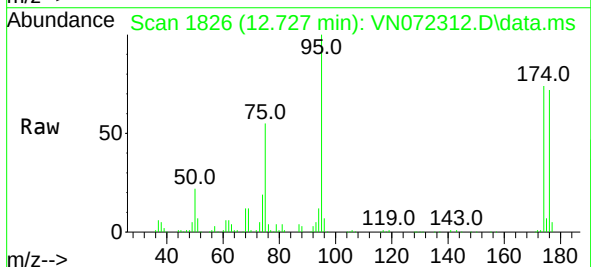
Instrument :
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ClientSampleId :
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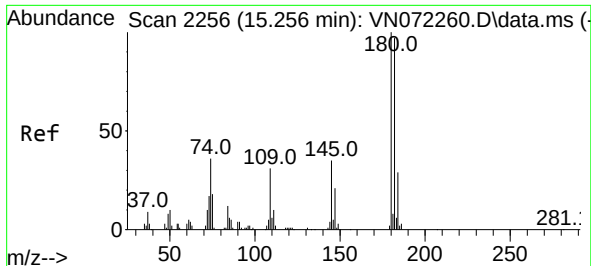
Tgt Ion: 75 Resp: 95522
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.612 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion: 75 Resp: 95522
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

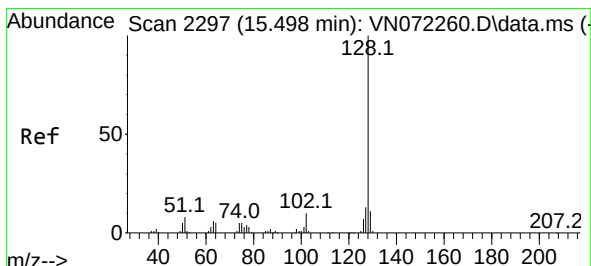
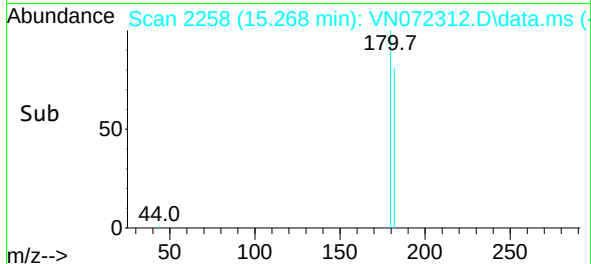
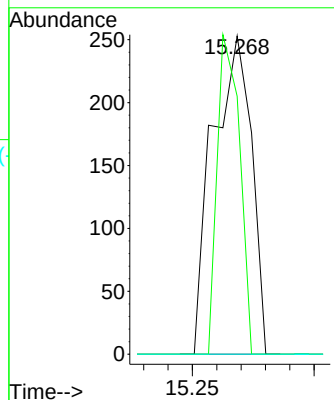
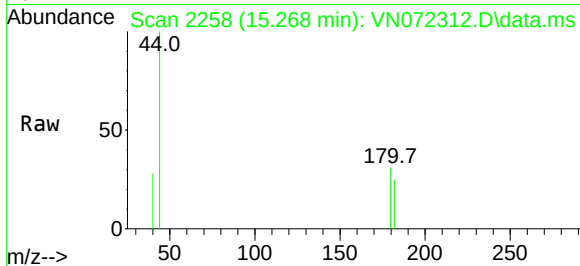




#93
1,2,4-Trichlorobenzene
Concen: 2.535 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

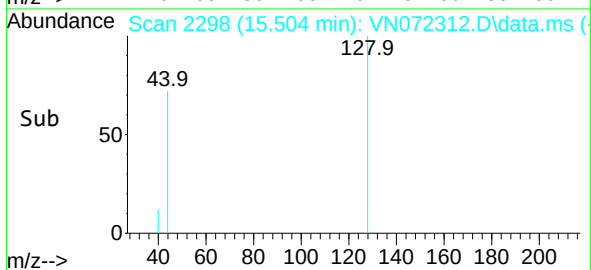
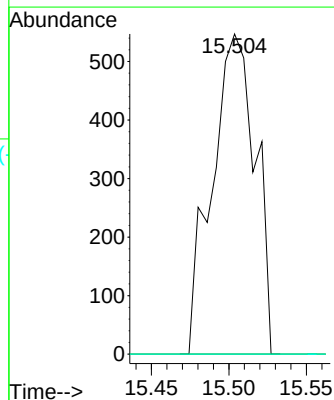
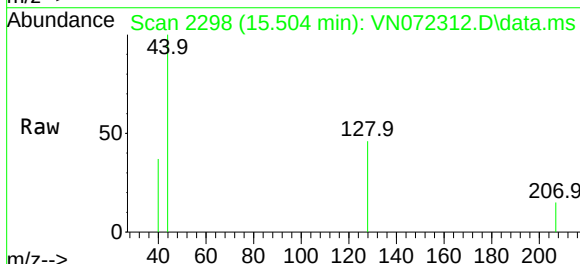
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MSVOA_N
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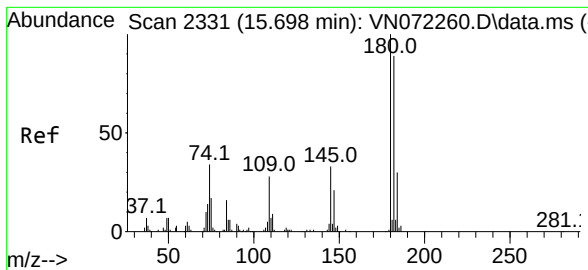
Tgt Ion:180 Resp: 279
Ion Ratio Lower Upper
180 100
182 58.1 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.425 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072312.D
Acq: 03 May 2022 18:33

Tgt Ion:128 Resp: 1066
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.718 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN072312.D
 Acq: 03 May 2022 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	56.5	47.8	143.3
145	0.0	15.5	46.5

