

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072434.D
 Acq On : 11 May 2022 23:18
 Operator : JC\MD
 Sample : VN0511WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBL02

Quant Time: May 12 02:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

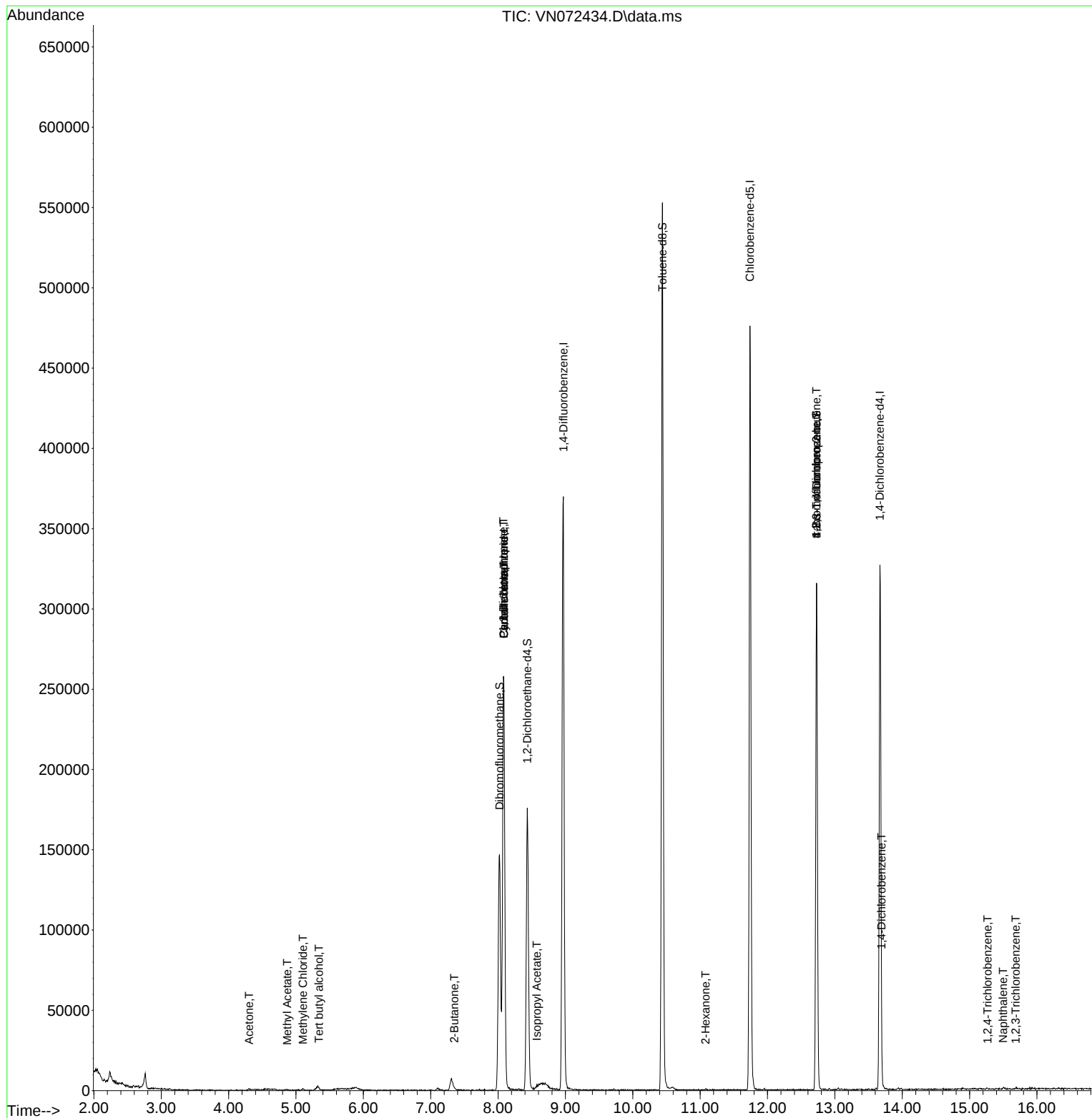
Internal Standards						
1) Pentafluorobenzene	8.086	168	191057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	319880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	272069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	91414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	154615	52.835	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.680%			
35) Dibromofluoromethane	8.022	113	108342	50.909	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.820%			
50) Toluene-d8	10.439	98	368123	45.419	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.840%			
62) 4-Bromofluorobenzene	12.727	95	108471	40.298	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 80.600%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	643	Below Cal	#	43
6) Chloroethane	3.004	64	92	Below Cal	#	42
11) Tert butyl alcohol	5.339	59	1855	3.877	ug/l #	72
16) Acetone	4.304	43	769	0.664	ug/l #	42
18) Methyl Acetate	4.869	43	1209	0.354	ug/l #	48
20) Methylene Chloride	5.104	84	758	0.319	ug/l #	62
25) 2-Butanone	7.351	43	1109	0.606	ug/l #	45
31) Cyclohexane	8.086	56	4209	1.085	ug/l #	27
36) 1,1-Dichloropropene	8.080	75	15121	4.947	ug/l #	49
38) Carbon Tetrachloride	8.086	117	21005	6.140	ug/l #	16
43) Isopropyl Acetate	8.575	43	1853	0.329	ug/l #	53
59) 2-Hexanone	11.080	43	675	0.275	ug/l #	49
76) 1,2,3-Trichloropropane	12.727	75	58295	24.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	58295	81.566	ug/l #	10
88) 1,4-Dichlorobenzene	13.692	146	783	0.252	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.268	180	339	0.287	ug/l #	74
95) Naphthalene	15.498	128	1633	3.527	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.686	180	253	0.214	ug/l #	24

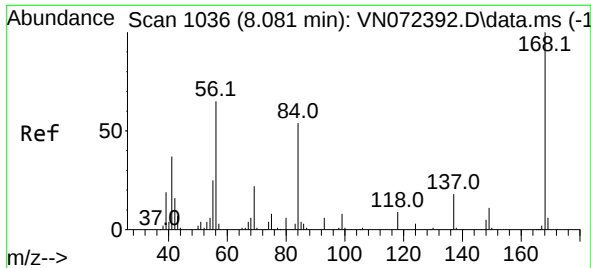
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
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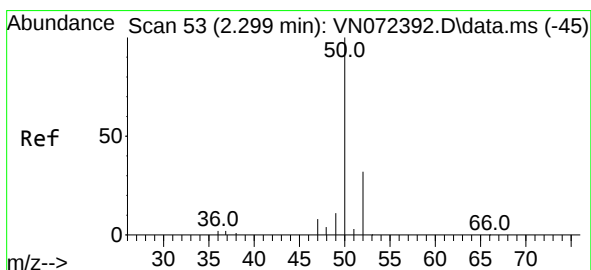
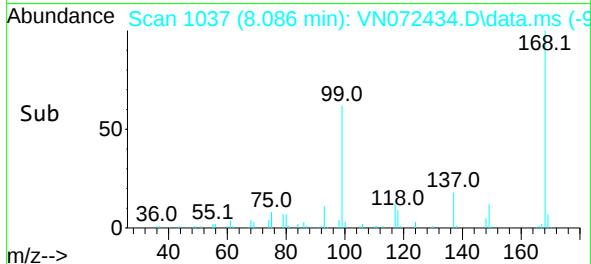
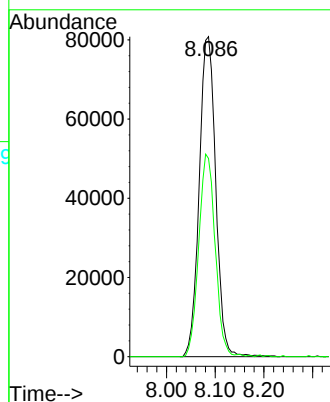
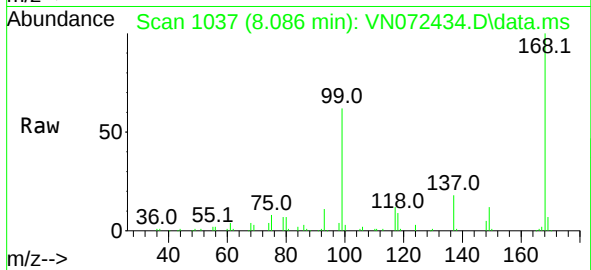




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

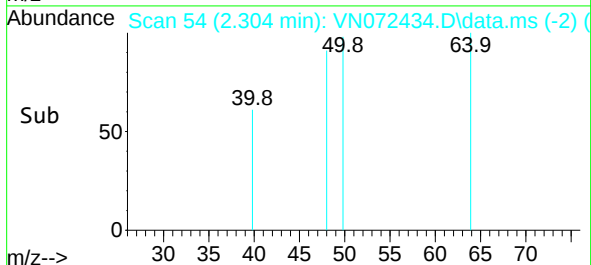
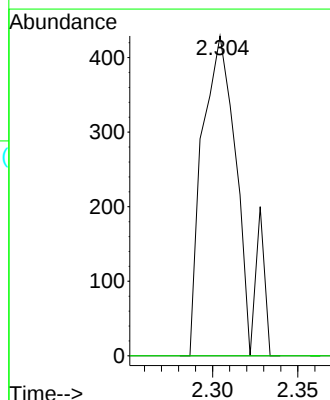
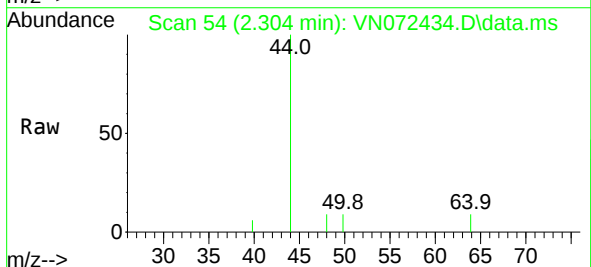
Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

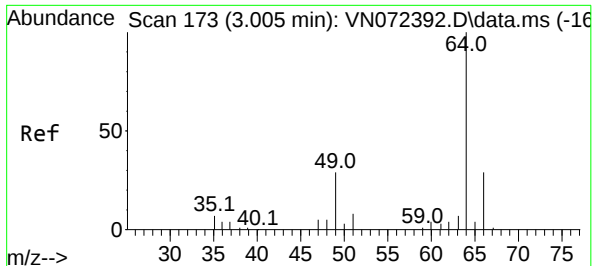
Tgt Ion:168 Resp: 191057
Ion Ratio Lower Upper
168 100
99 62.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

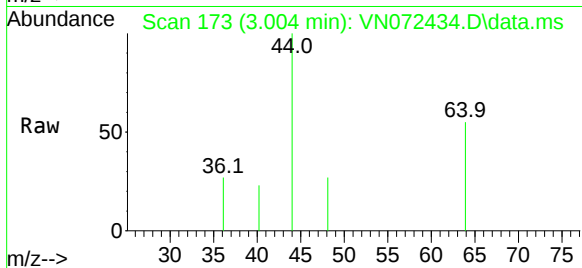
Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#



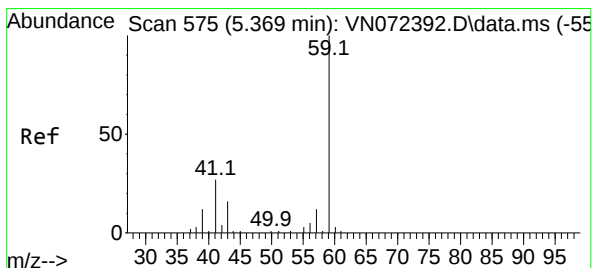
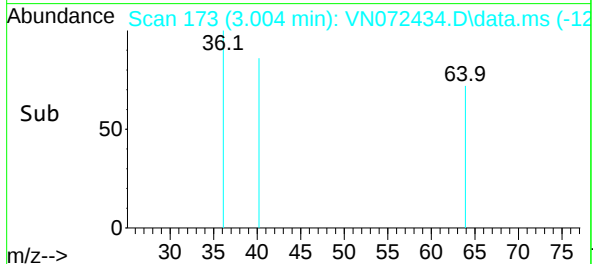
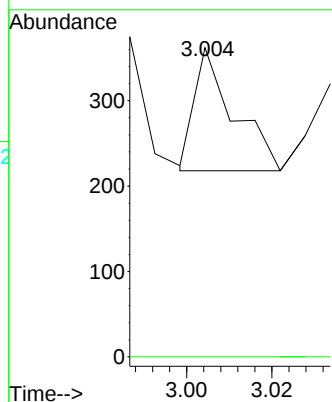


#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

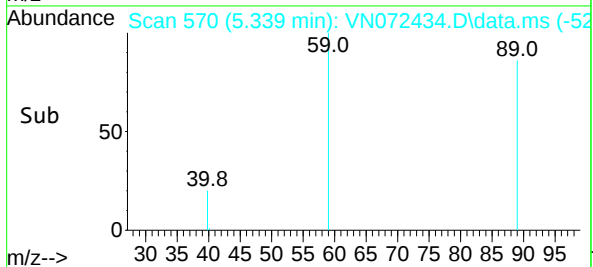
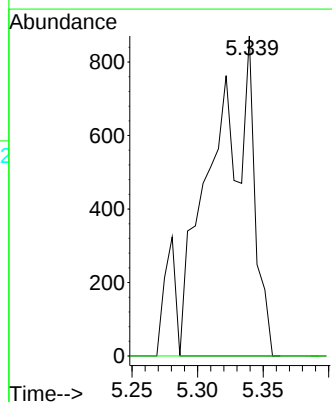
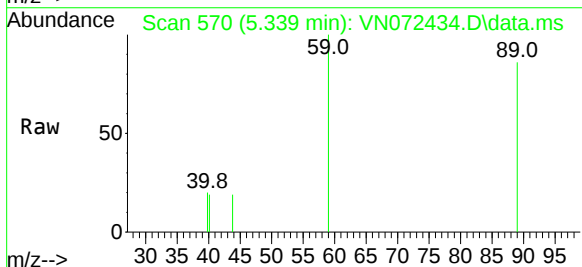


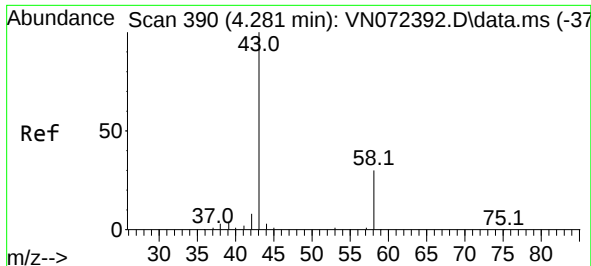
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 3.877 ug/l
RT: 5.339 min Scan# 570
Delta R.T. -0.030 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Tgt Ion: 59 Resp: 1855
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

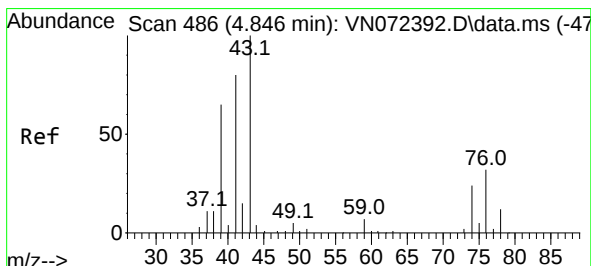
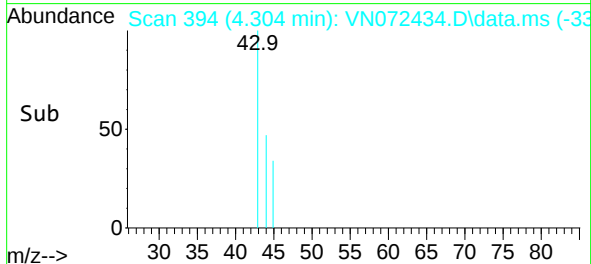
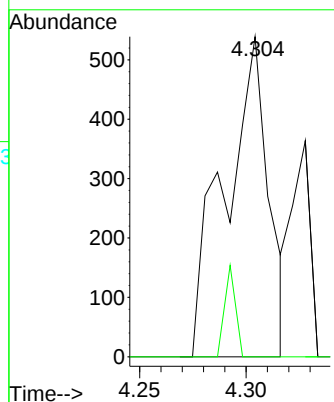
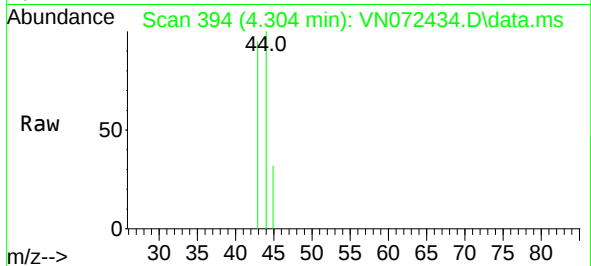




#16
Acetone
Concen: 0.664 ug/l
RT: 4.304 min Scan# 390
Delta R.T. 0.023 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

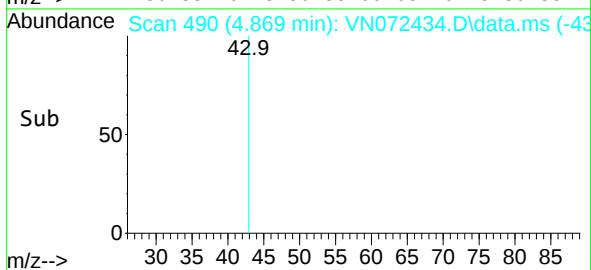
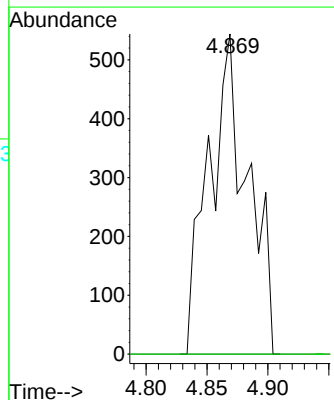
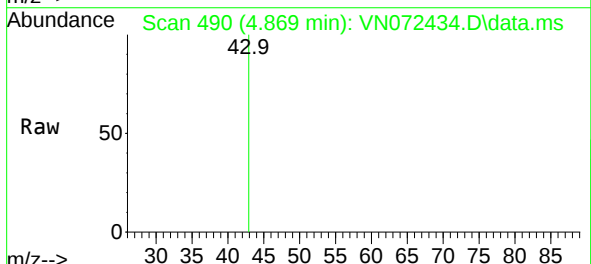
Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

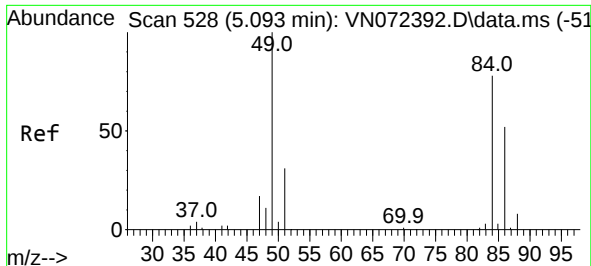
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.354 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

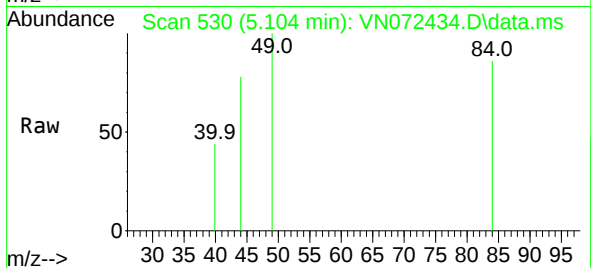
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



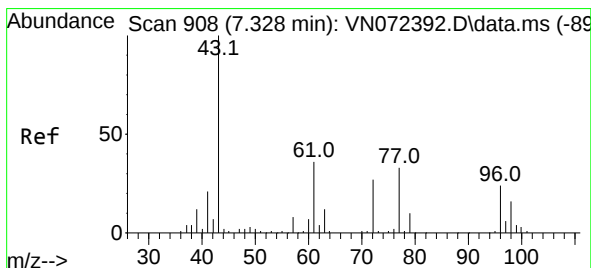
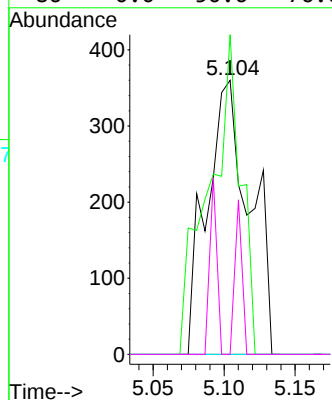


#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

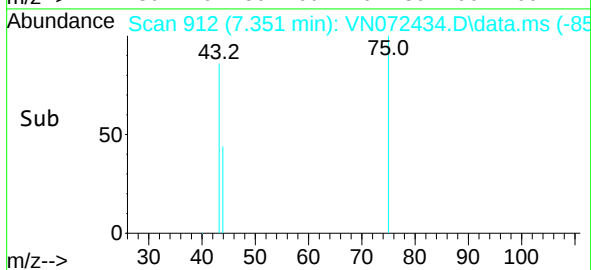
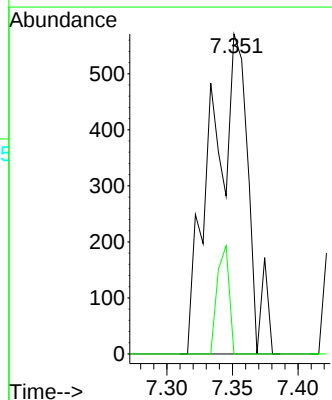
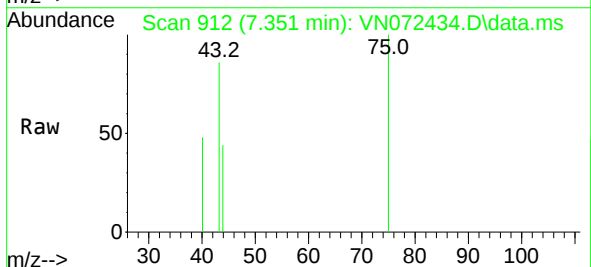


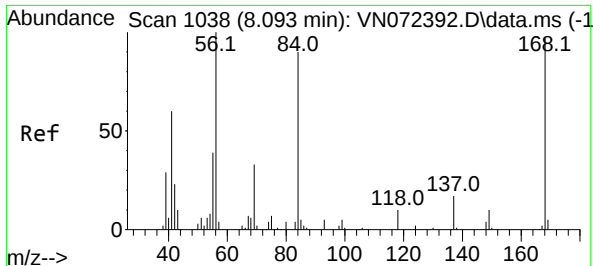
Tgt Ion:	84	Resp:	758
Ion	Ratio	Lower	Upper
84	100		
49	116.7	88.3	132.5
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#



#25
2-Butanone
Concen: 0.606 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Tgt Ion:	43	Resp:	1109
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

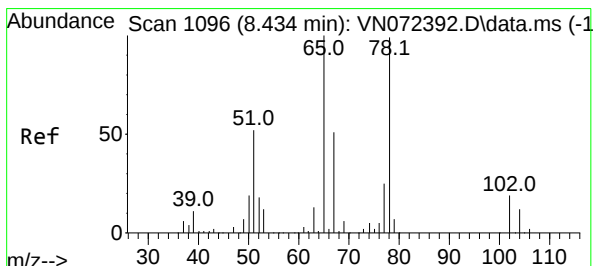
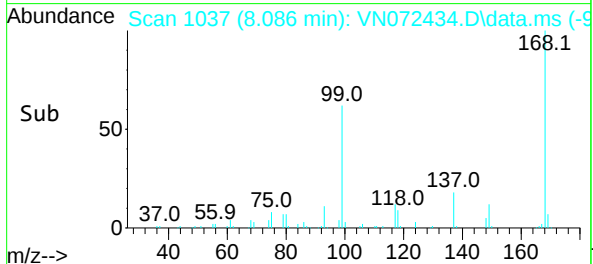
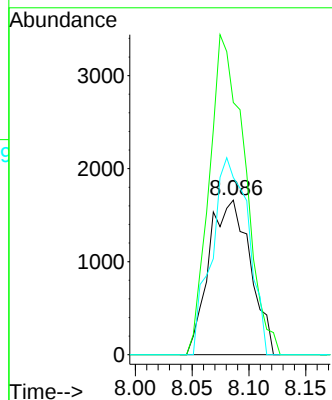
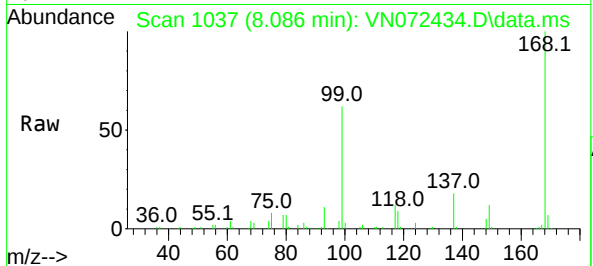




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

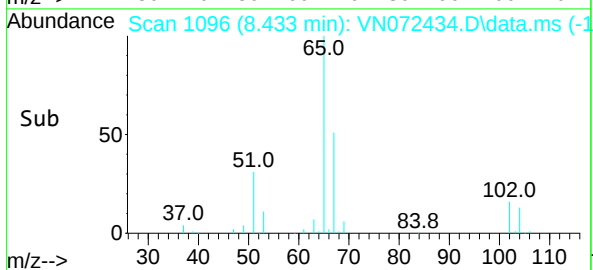
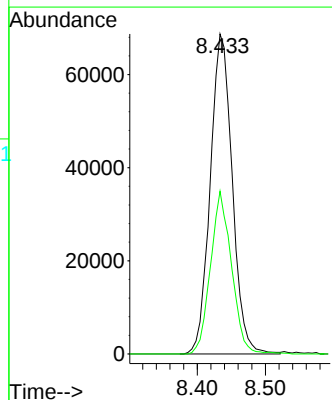
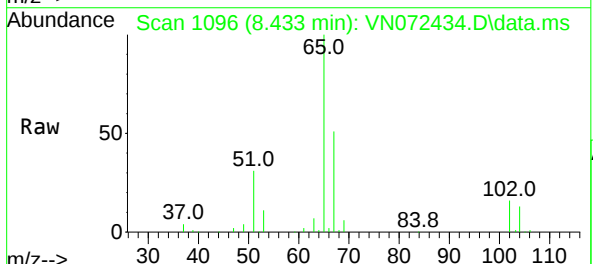
Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

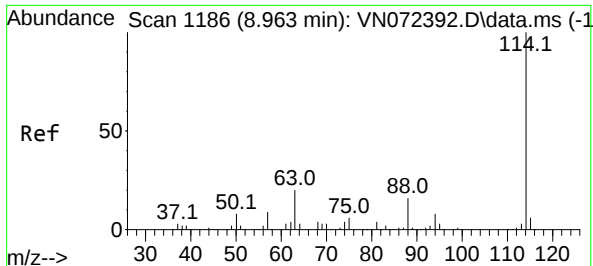
Tgt Ion: 56 Resp: 4209
Ion Ratio Lower Upper
56 100
69 163.2 27.8 41.8#
84 114.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 52.835 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Tgt Ion: 65 Resp: 154615
Ion Ratio Lower Upper
65 100
67 48.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBL02

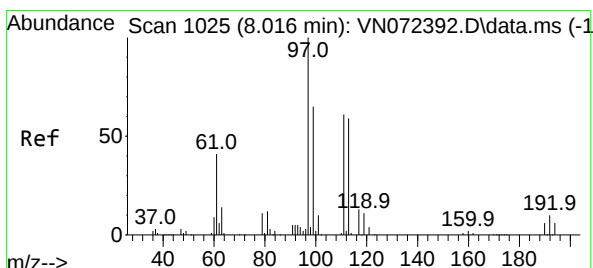
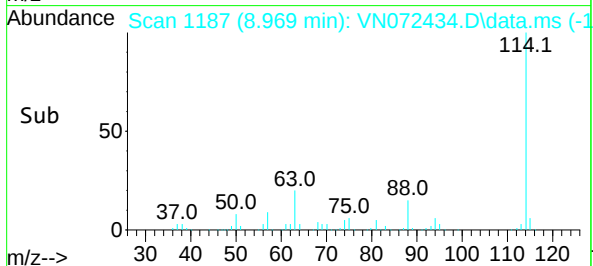
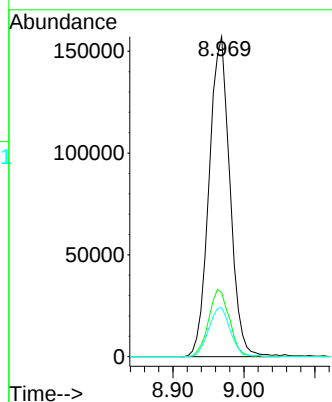
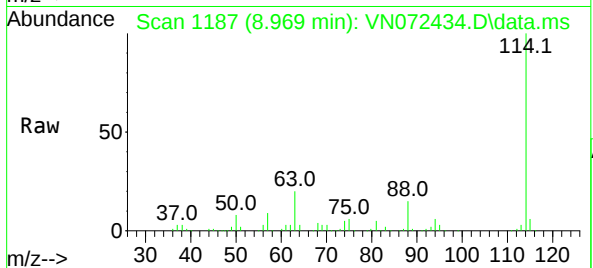
Tgt Ion:114 Resp: 319880

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.909 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

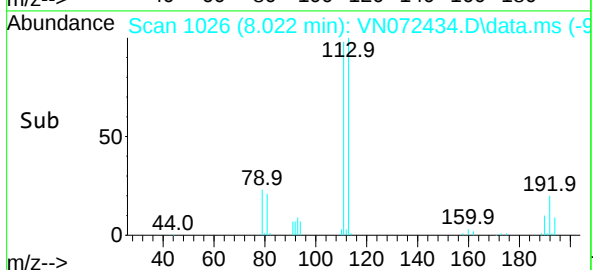
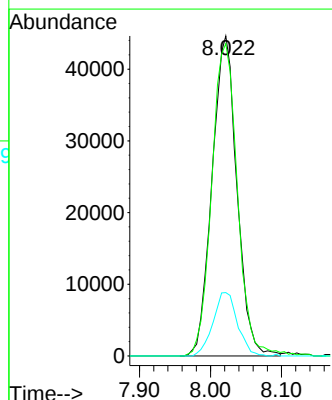
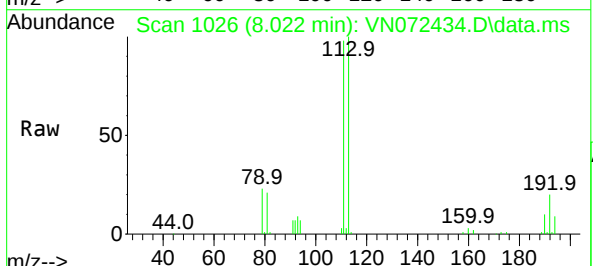
Tgt Ion:113 Resp: 108342

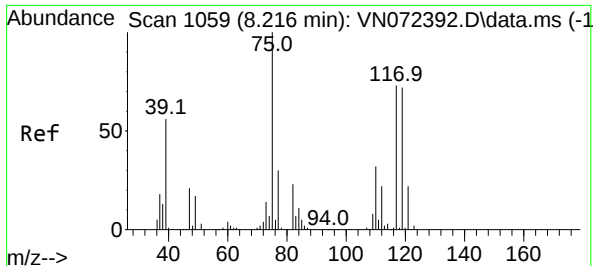
Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 19.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.947 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBL02

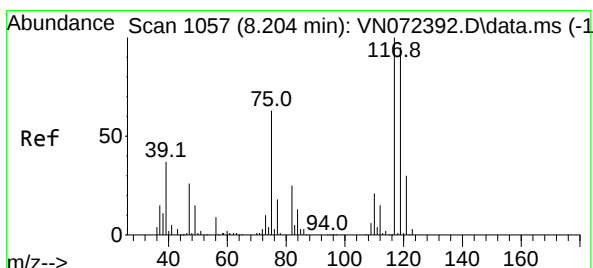
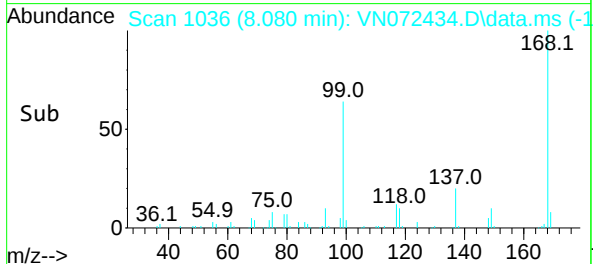
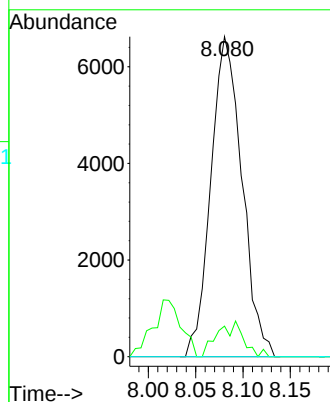
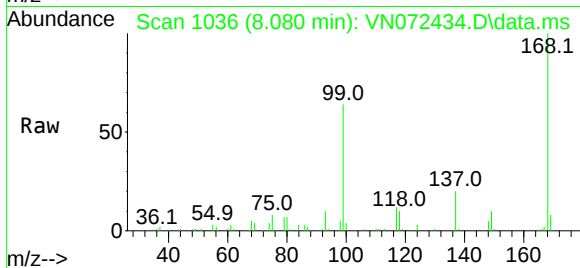
Tgt Ion: 75 Resp: 15121

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.140 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

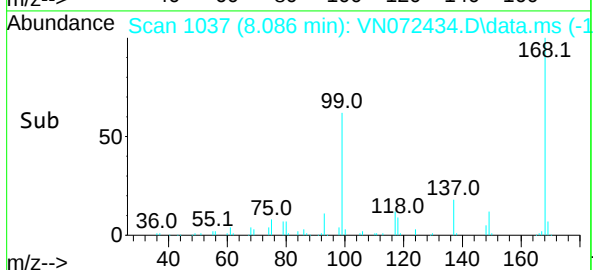
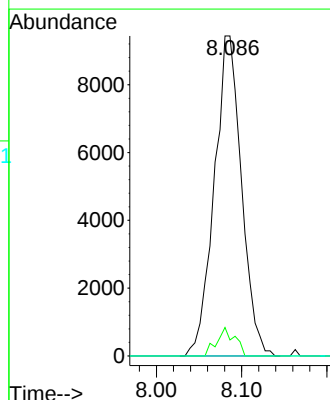
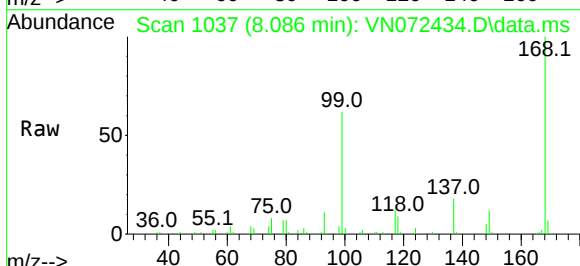
Tgt Ion: 117 Resp: 21005

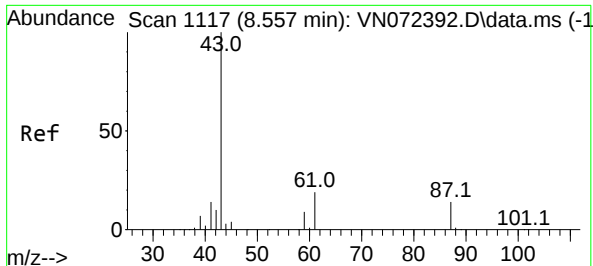
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.329 ug/l

RT: 8.575 min Scan# 1117

Delta R.T. 0.018 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBL02

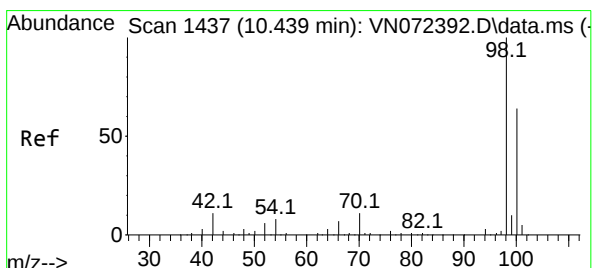
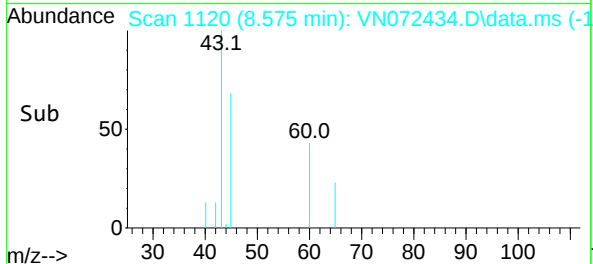
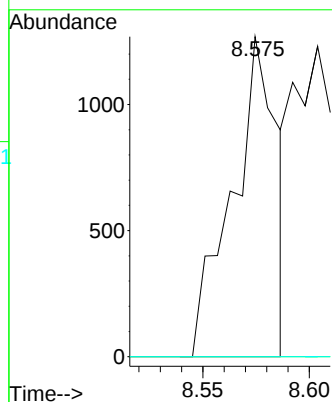
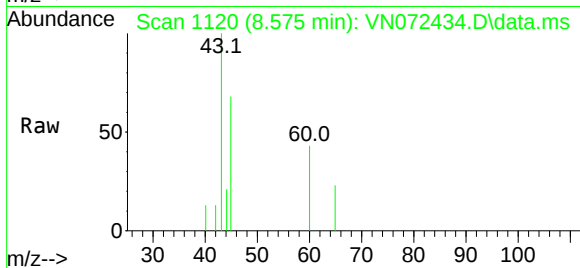
Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 45.419 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072434.D

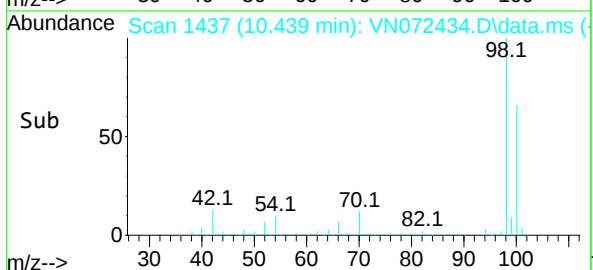
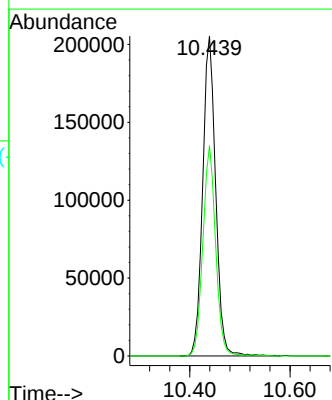
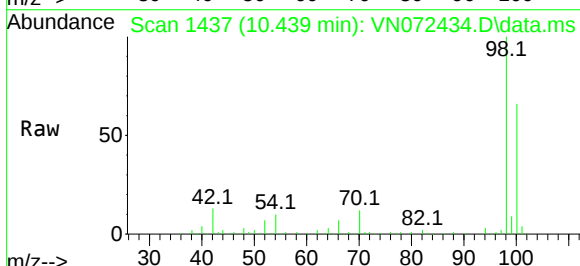
Acq: 11 May 2022 23:18

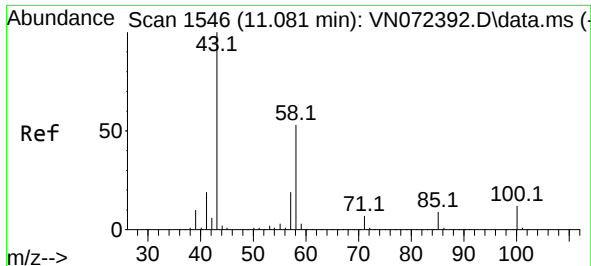
Tgt Ion: 98 Resp: 368123

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8





#59

2-Hexanone

Concen: 0.275 ug/l

RT: 11.080 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

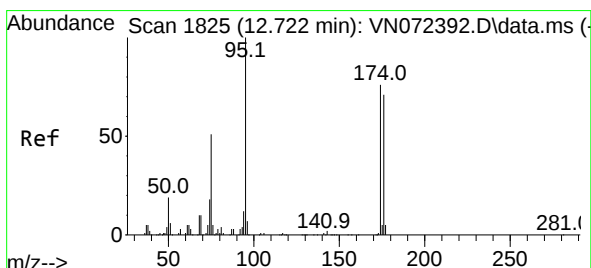
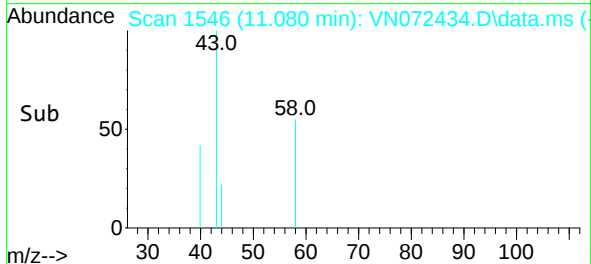
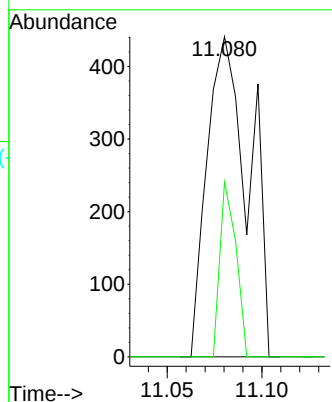
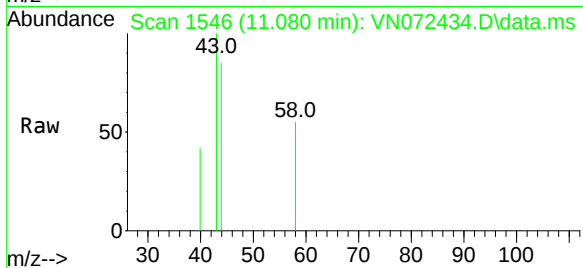
VN0511WBL02

Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

43 100

58 21.0 29.7 89.1#



#62

4-Bromofluorobenzene

Concen: 40.298 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.005 min

Lab File: VN072434.D

Acq: 11 May 2022 23:18

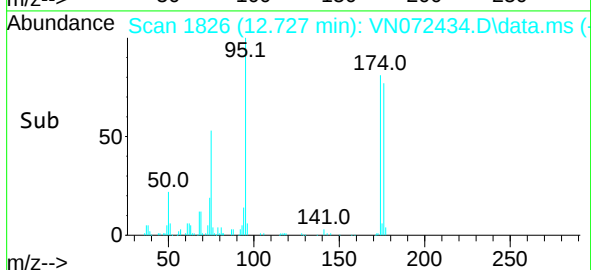
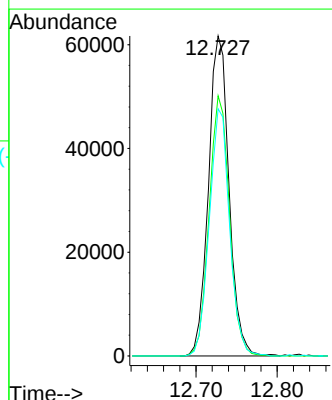
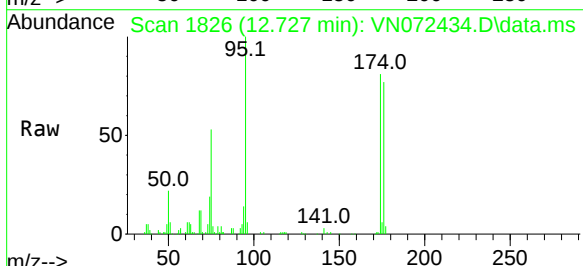
Tgt Ion: 95 Resp: 108471

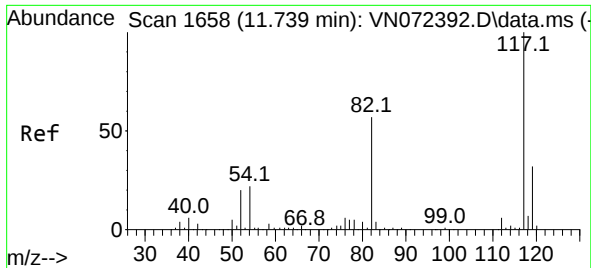
Ion Ratio Lower Upper

95 100

174 80.2 0.0 167.6

176 76.0 0.0 163.4

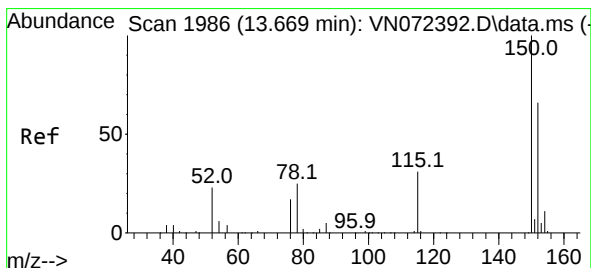
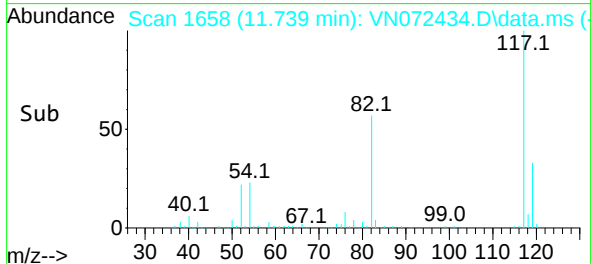
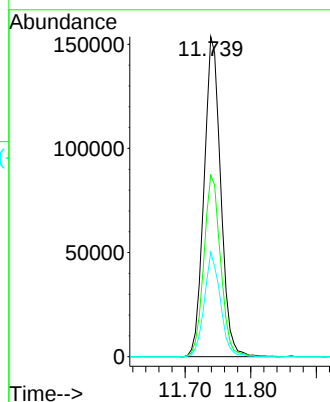
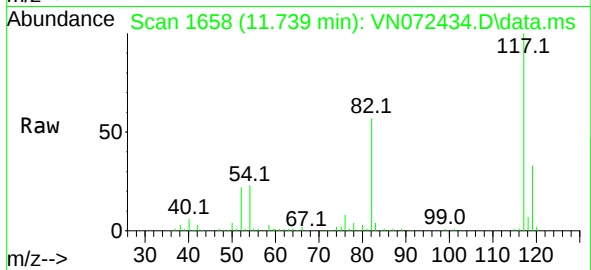




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

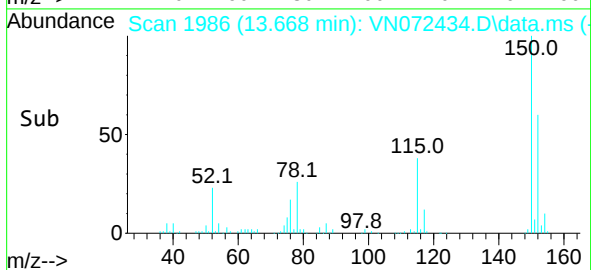
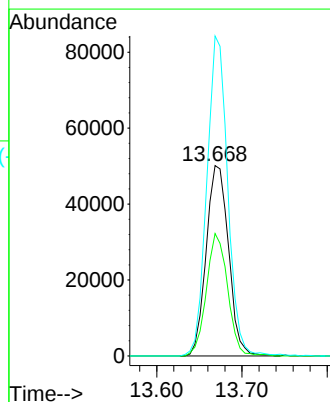
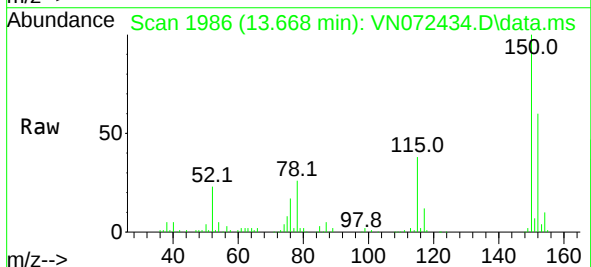
Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

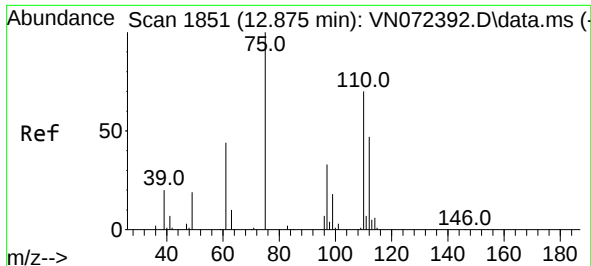
Tgt Ion:117 Resp: 272069
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Tgt Ion:152 Resp: 91414
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 157.2 0.0 356.2

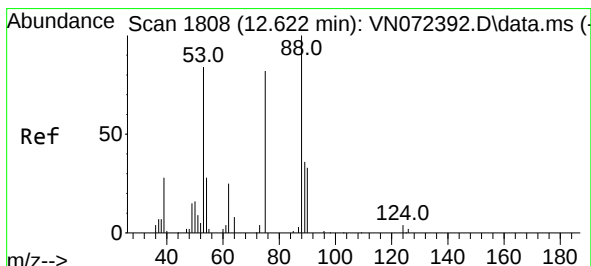
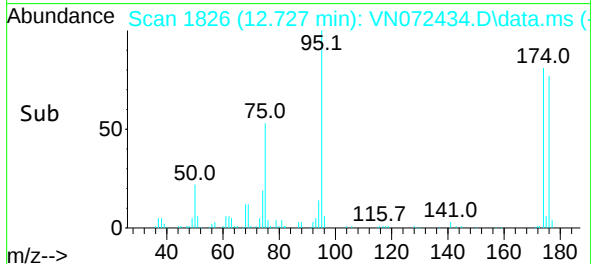
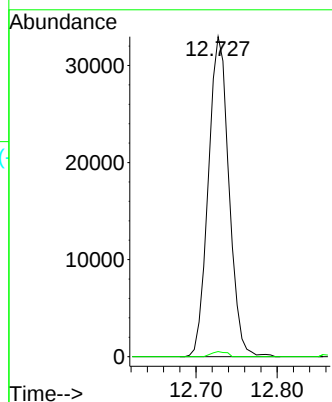
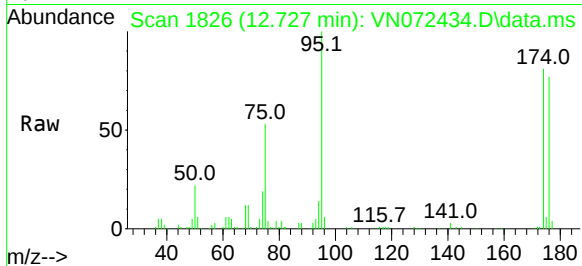




#76
1,2,3-Trichloropropane
Concen: 24.450 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

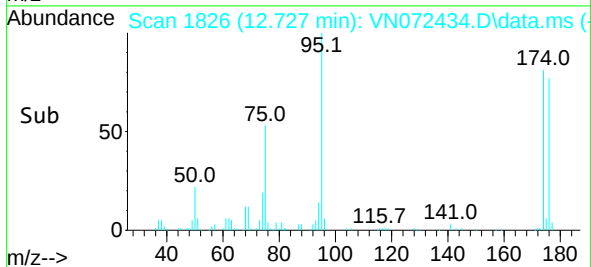
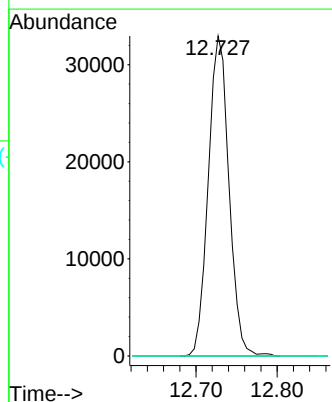
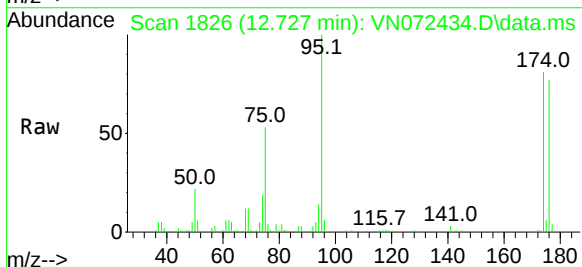
Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

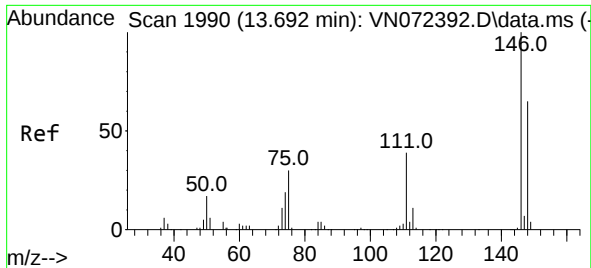
Tgt Ion: 75 Resp: 58295
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.566 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Tgt Ion: 75 Resp: 58295
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

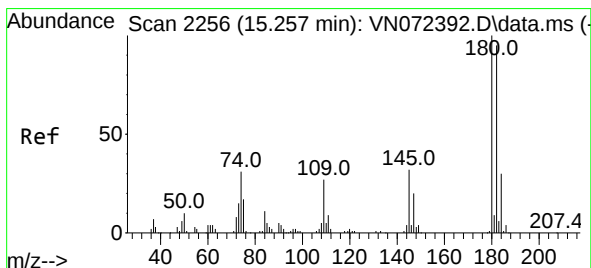
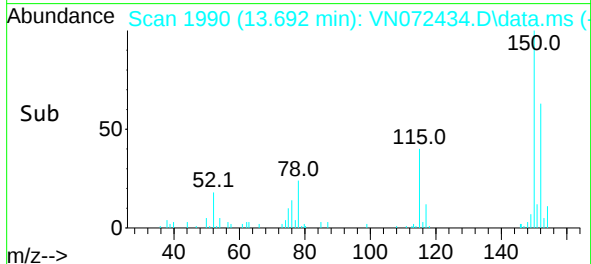
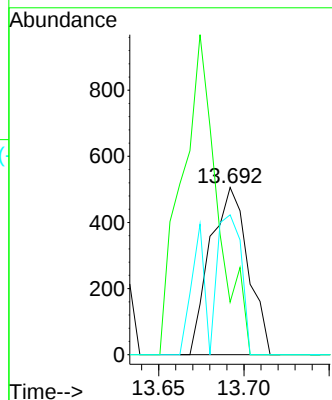
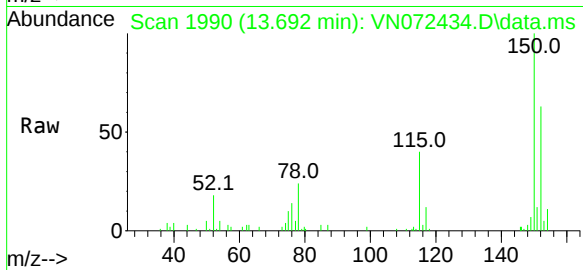




#88
 1,4-Dichlorobenzene
 Concen: 0.252 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: VN072434.D
 Acq: 11 May 2022 23:18

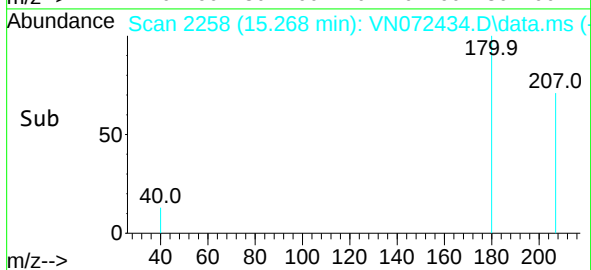
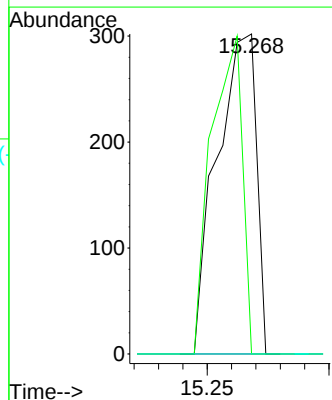
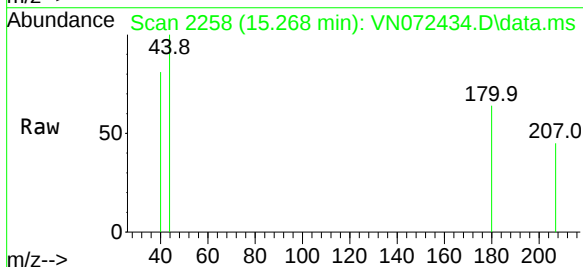
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBL02

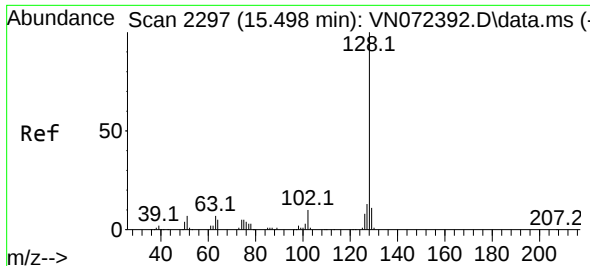
Tgt Ion:146 Resp: 783
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.1#
 148 52.6 31.4 94.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.287 ug/l
 RT: 15.268 min Scan# 2258
 Delta R.T. 0.011 min
 Lab File: VN072434.D
 Acq: 11 May 2022 23:18

Tgt Ion:180 Resp: 339
 Ion Ratio Lower Upper
 180 100
 182 78.2 47.5 142.5
 145 0.0 14.5 43.5#

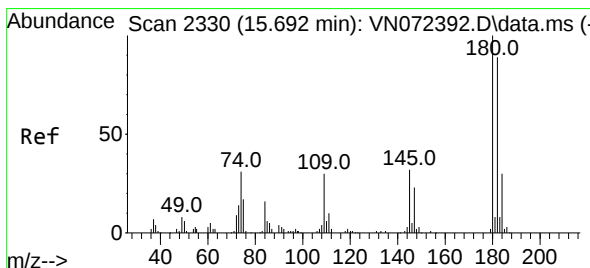
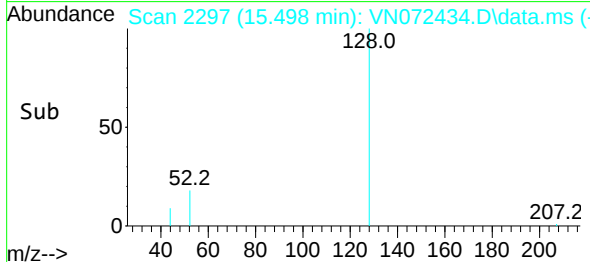
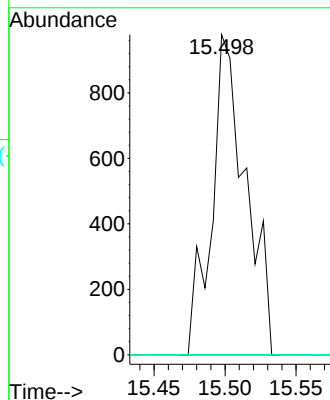
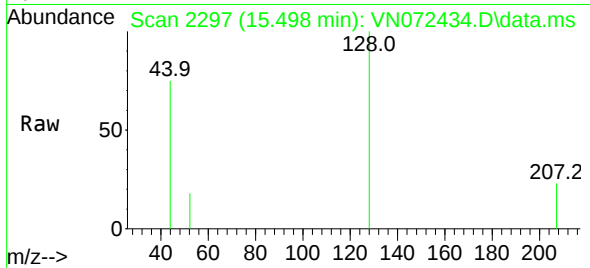




#95
Naphthalene
Concen: 3.527 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBL02

Tgt Ion:128 Resp: 1633
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: 0.214 ug/l
RT: 15.686 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN072434.D
Acq: 11 May 2022 23:18

Tgt Ion:180 Resp: 253
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 26.1 15.5 46.5

