

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072400.D
 Acq On : 10 May 2022 18:38
 Operator : JC\MD
 Sample : N2770-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-15834

Quant Time: May 11 03:03:30 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)

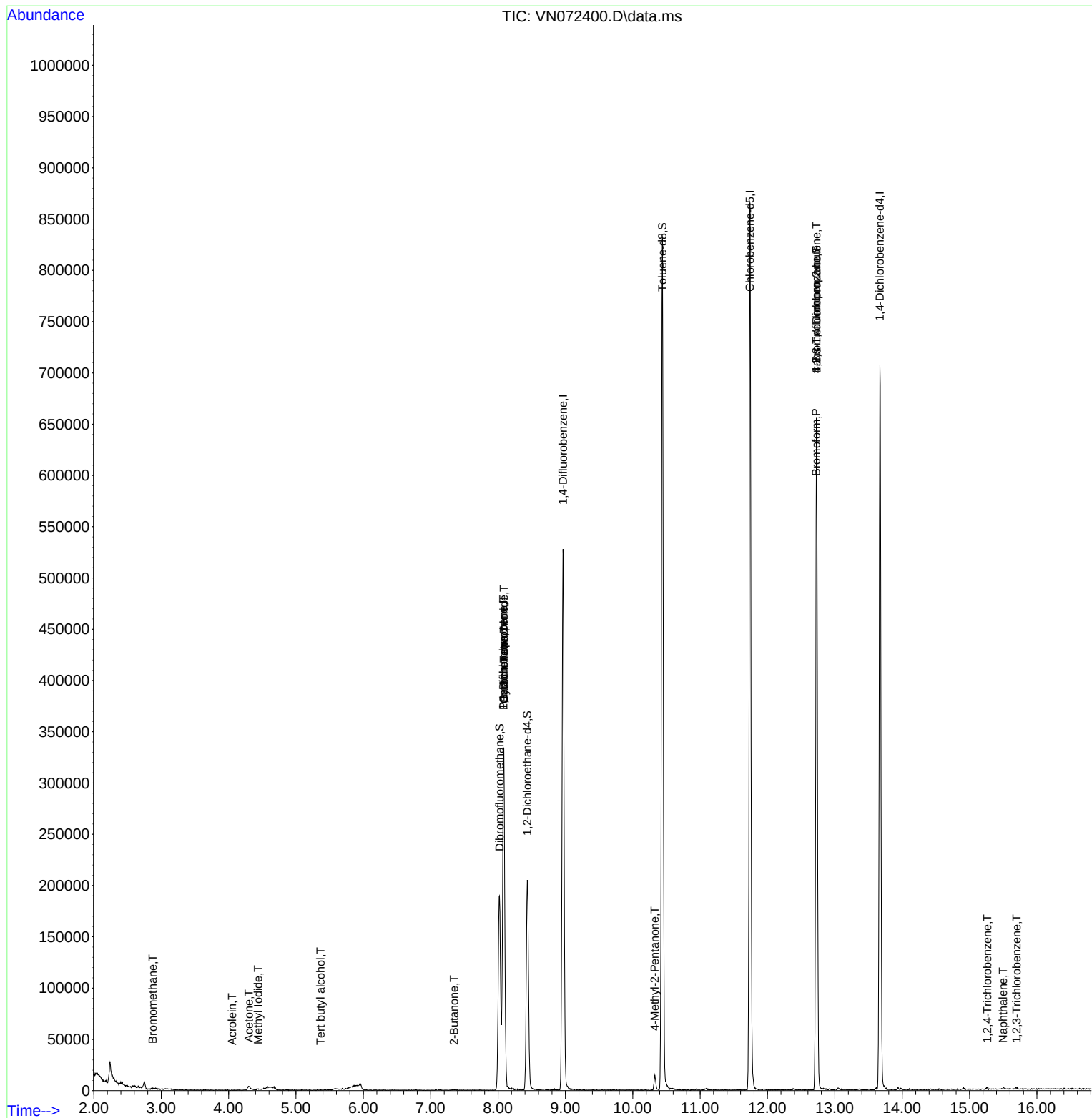
Internal Standards						
1) Pentafluorobenzene	8.080	168	250191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	459271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	494074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	196855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	178095	46.475	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.940%		
35) Dibromofluoromethane	8.022	113	142721	46.709	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.420%		
50) Toluene-d8	10.439	98	580575	49.891	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.780%		
62) 4-Bromofluorobenzene	12.727	95	228370	59.091	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.180%		
Target Compounds					Qvalue	
3) Chloromethane	2.304	50	781	Below Cal		99
5) Bromomethane	2.875	94	707	0.447 ug/l #		77
6) Chloroethane	3.016	64	276	Below Cal #		42
10) Methyl Iodide	4.440	142	1590	0.446 ug/l #		74
11) Tert butyl alcohol	5.363	59	241	0.385 ug/l #		72
13) Acrolein	4.051	56	129	0.210 ug/l #		63
16) Acetone	4.298	43	5244	3.455 ug/l		90
25) 2-Butanone	7.345	43	1589	0.663 ug/l #		45
31) Cyclohexane	8.086	56	5395	1.062 ug/l #		25
36) 1,1-Dichloropropene	8.080	75	20366	4.641 ug/l #		48
38) Carbon Tetrachloride	8.086	117	27220	5.542 ug/l #		16
51) 4-Methyl-2-Pentanone	10.327	43	10119	2.015 ug/l		93
71) Bromoform	12.721	173	1314	0.441 ug/l #		28
76) 1,2,3-Trichloropropane	12.727	75	121126	23.591 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.727	75	121126	78.701 ug/l #		10
93) 1,2,4-Trichlorobenzene	15.262	180	806	0.317 ug/l #		86
95) Naphthalene	15.498	128	2866	3.462 ug/l #		73
96) 1,2,3-Trichlorobenzene	15.698	180	942	0.369 ug/l #		77

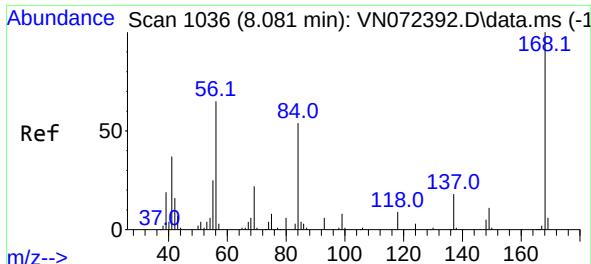
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
Data File : VN072400.D
Acq On : 10 May 2022 18:38
Operator : JC\MD
Sample : N2770-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
M-15834

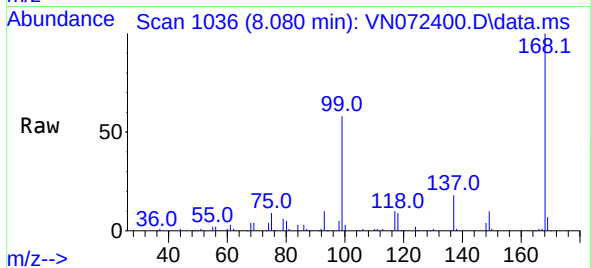
Quant Time: May 11 03:03:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration



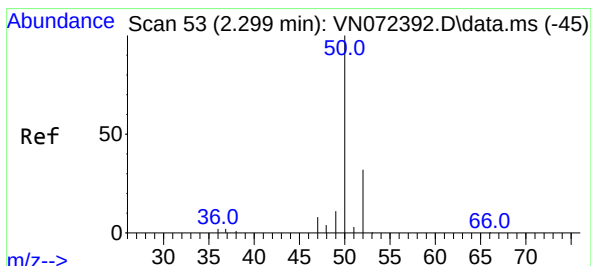
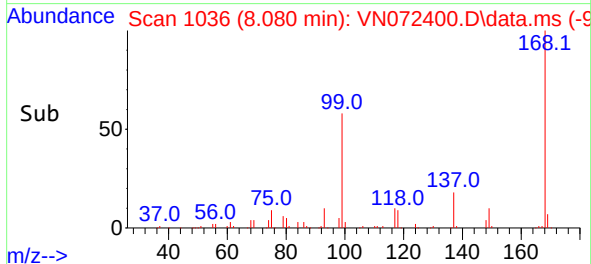
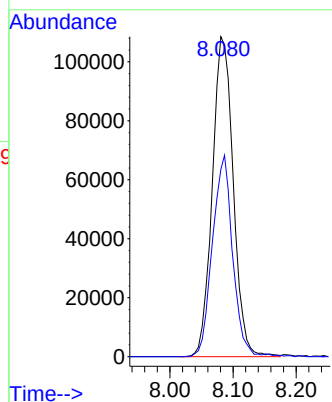


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Instrument :
MSVOA_N
ClientSampleId :
M-15834

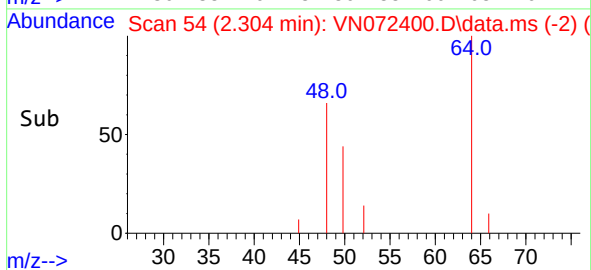
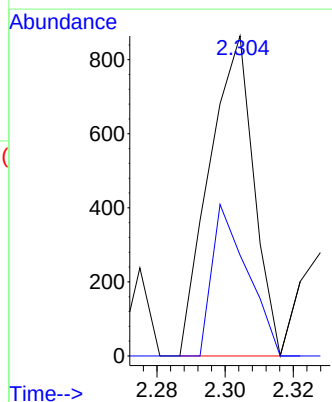
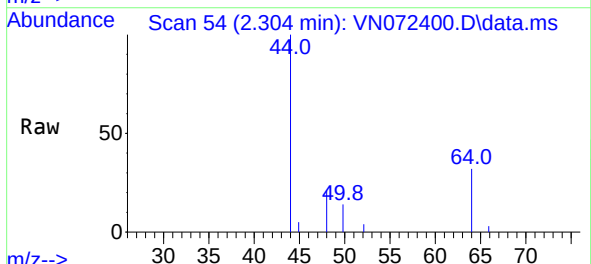


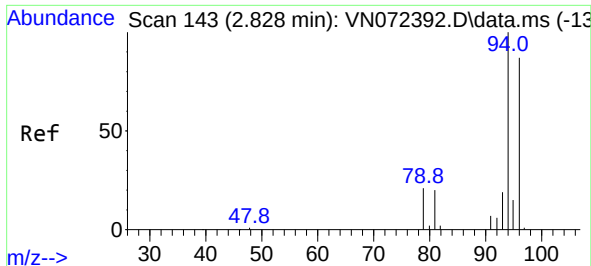
Tgt Ion:168 Resp: 250191
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5





#5

Bromomethane

Concen: 0.447 ug/l

RT: 2.875 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN072400.D

Acq: 10 May 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

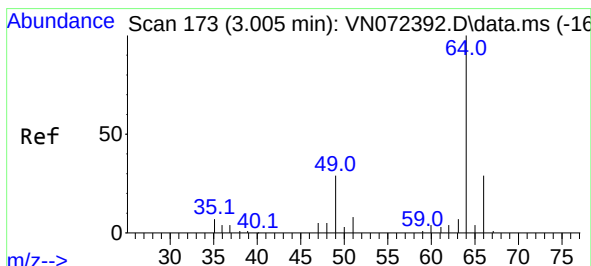
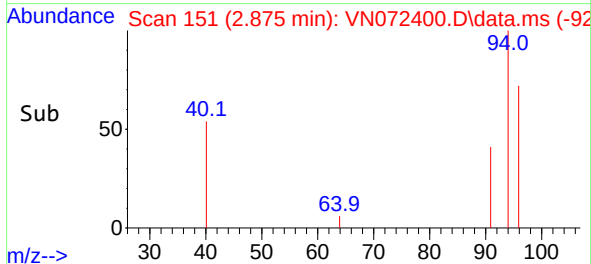
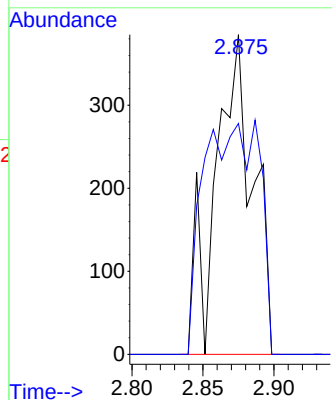
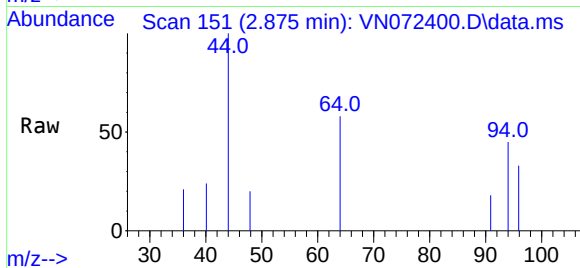
M-15834

Tgt Ion: 94 Resp: 707

Ion Ratio Lower Upper

94 100

96 72.2 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.016 min Scan# 175

Delta R.T. 0.011 min

Lab File: VN072400.D

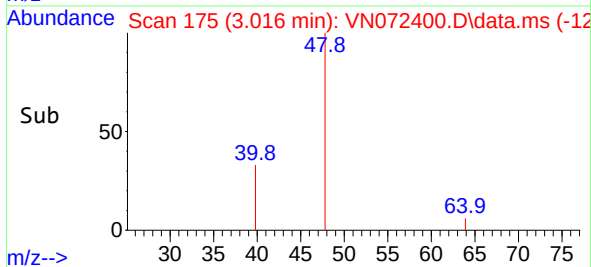
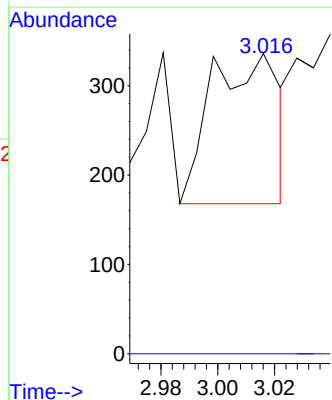
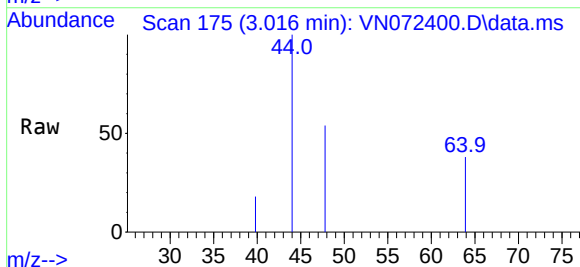
Acq: 10 May 2022 18:38

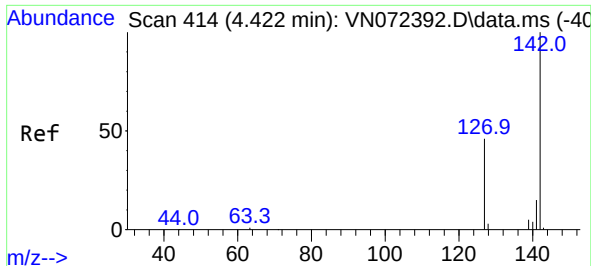
Tgt Ion: 64 Resp: 276

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#





#10

Methyl Iodide

Concen: 0.446 ug/l

RT: 4.440 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN072400.D

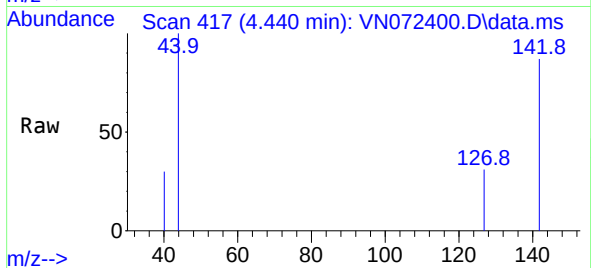
Acq: 10 May 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

M-15834



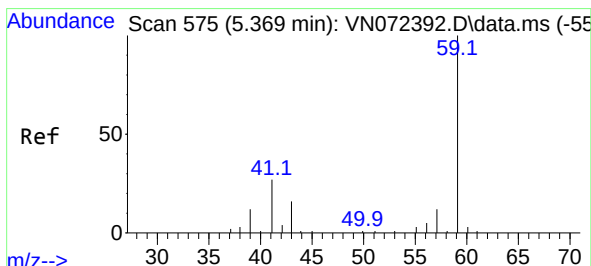
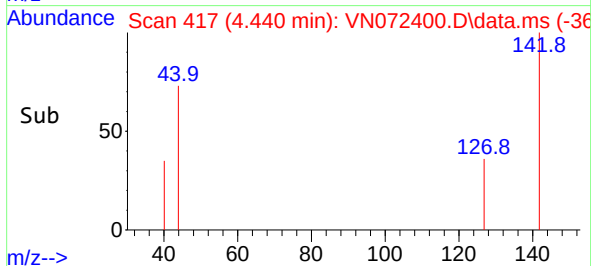
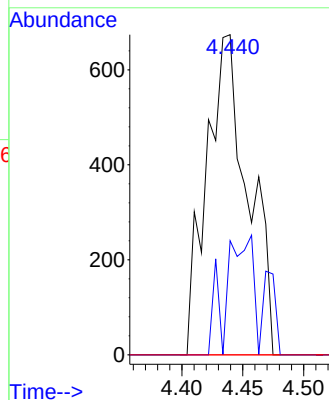
Tgt Ion:142 Resp: 1590

Ion Ratio Lower Upper

142 100

127 24.9 31.3 46.9#

141 0.0 11.2 16.8#



#11

Tert butyl alcohol

Concen: 0.385 ug/l

RT: 5.363 min Scan# 574

Delta R.T. -0.006 min

Lab File: VN072400.D

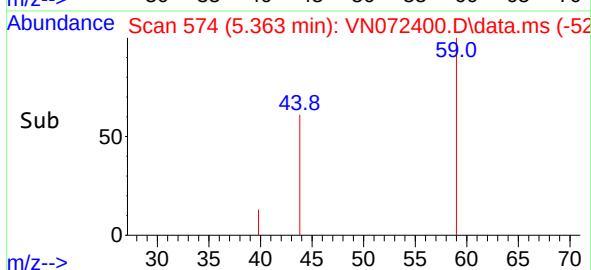
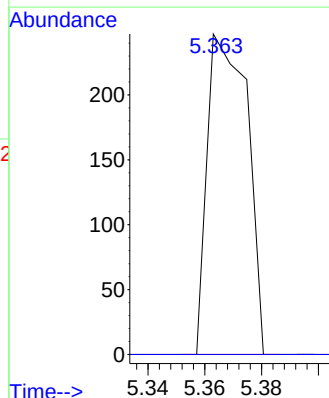
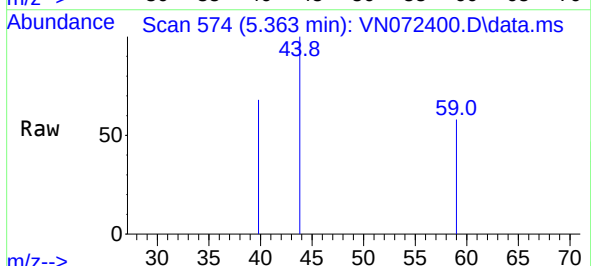
Acq: 10 May 2022 18:38

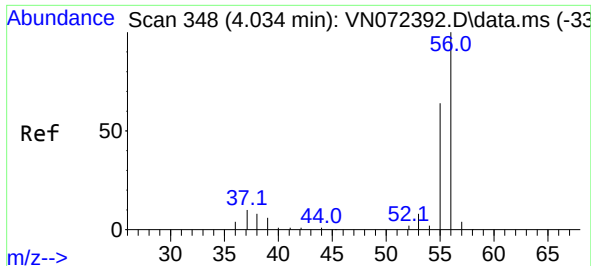
Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.210 ug/l

RT: 4.051 min Scan# 3

Delta R.T. 0.017 min

Lab File: VN072400.D

Acq: 10 May 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

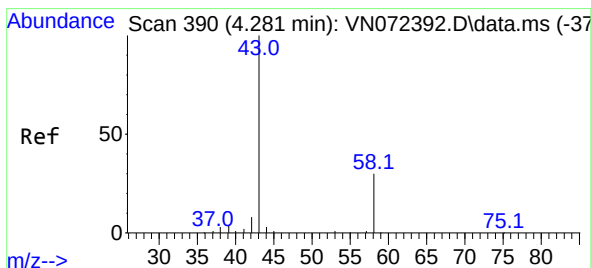
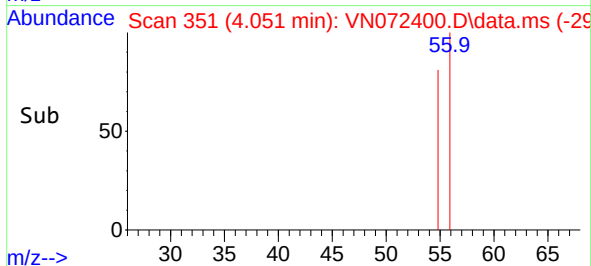
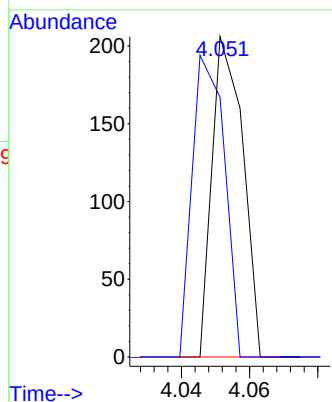
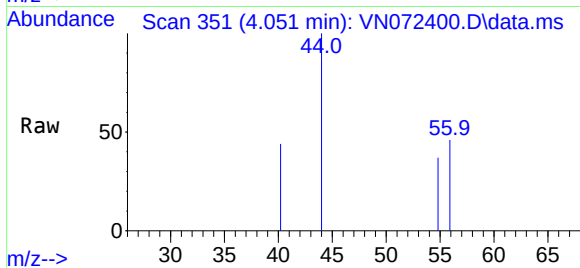
M-15834

Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 98.4 54.8 82.2#



#16

Acetone

Concen: 3.455 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.017 min

Lab File: VN072400.D

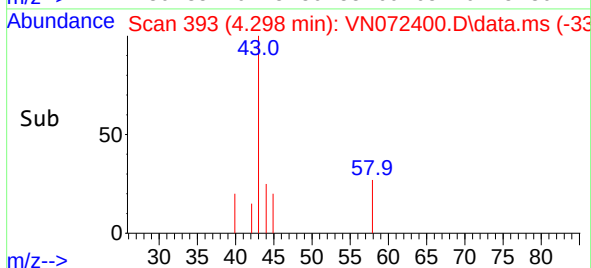
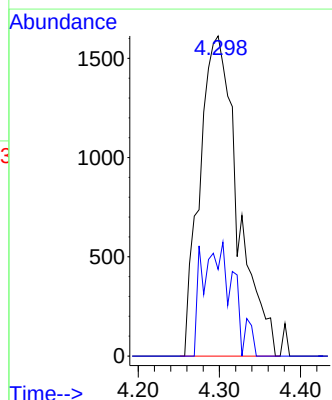
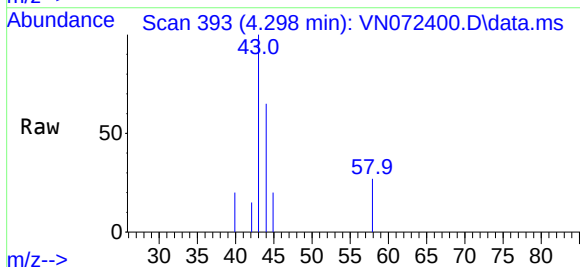
Acq: 10 May 2022 18:38

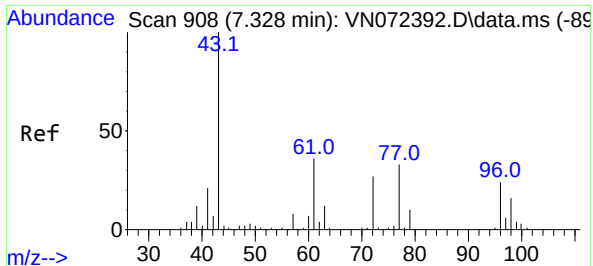
Tgt Ion: 43 Resp: 5244

Ion Ratio Lower Upper

43 100

58 27.1 26.0 39.0

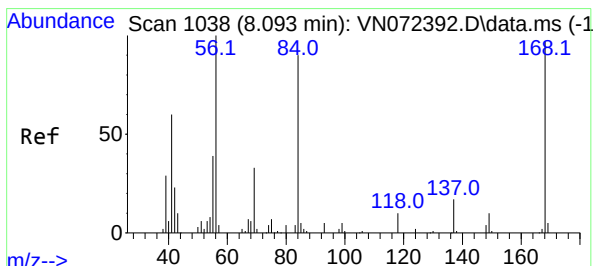
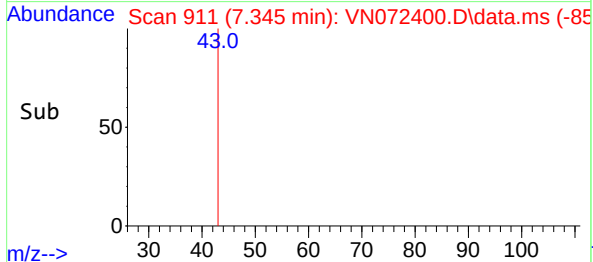
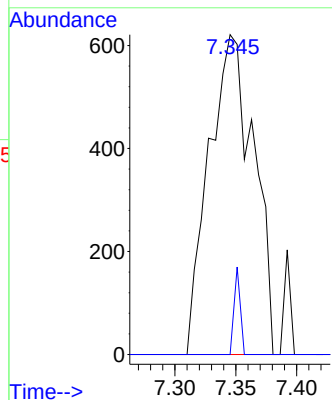
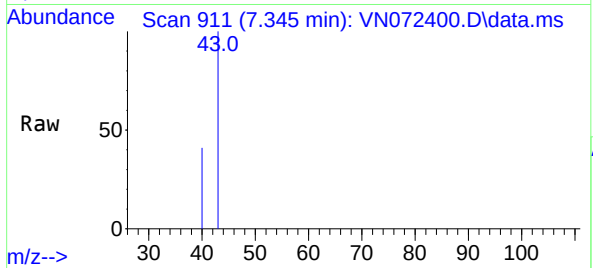




#25
2-Butanone
Concen: 0.663 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

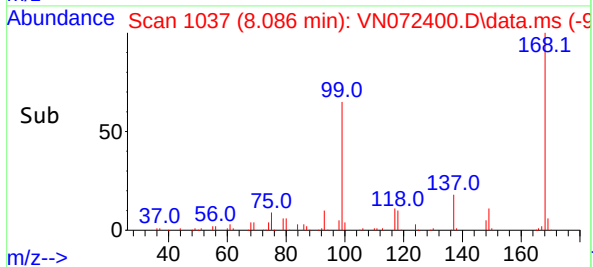
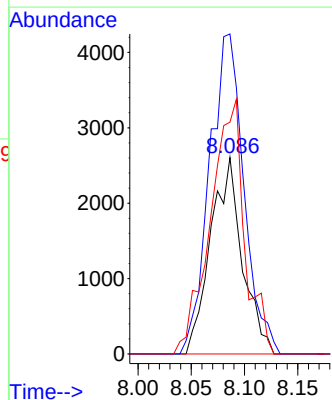
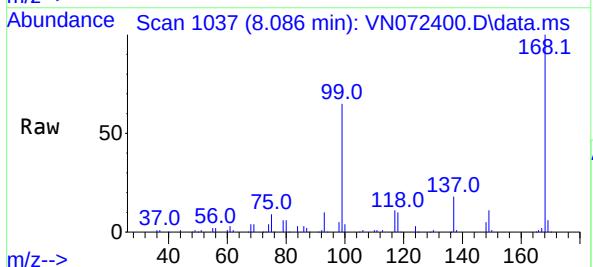
Instrument :
MSVOA_N
ClientSampleId :
M-15834

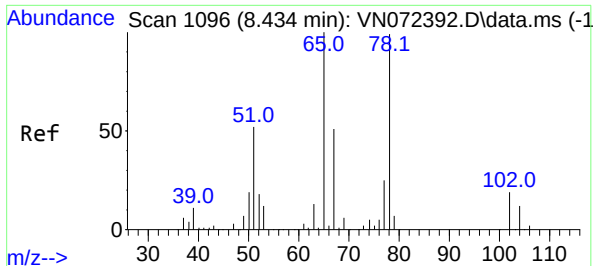
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion: 56 Resp: 5395
Ion Ratio Lower Upper
56 100
69 162.8 27.8 41.8#
84 118.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.475 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072400.D

Acq: 10 May 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

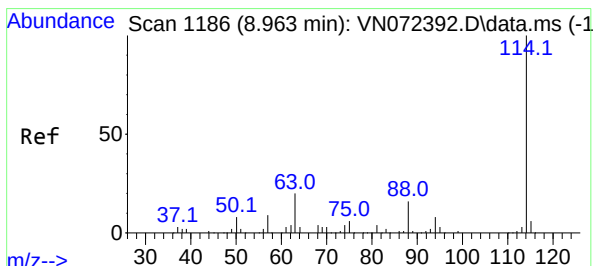
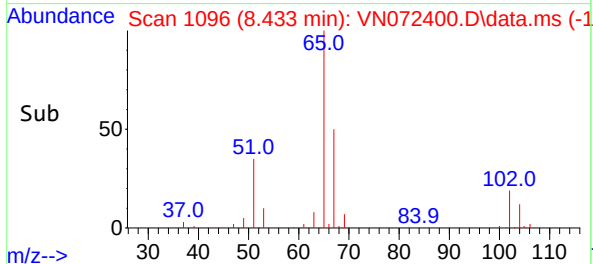
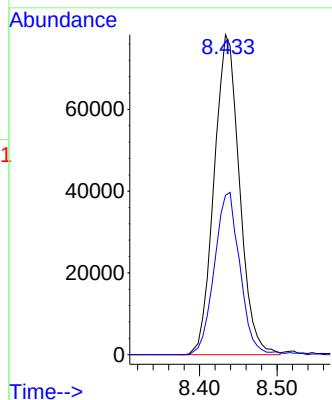
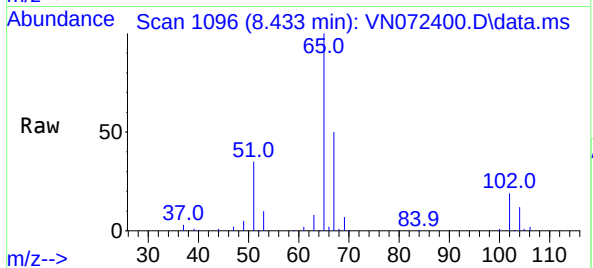
M-15834

Tgt Ion: 65 Resp: 178095

Ion Ratio Lower Upper

65 100

67 51.0 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: VN072400.D

Acq: 10 May 2022 18:38

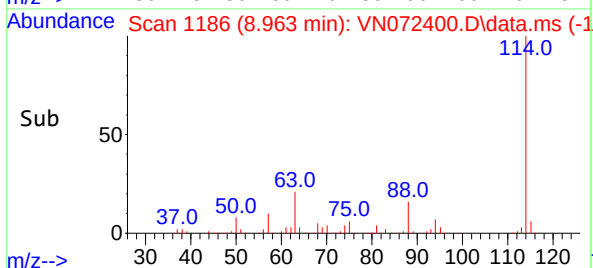
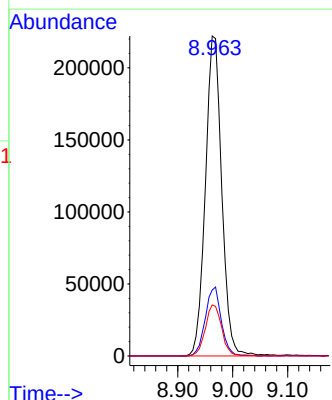
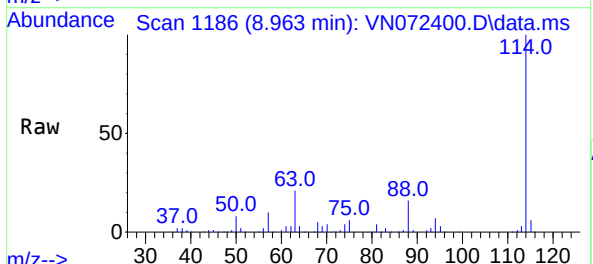
Tgt Ion: 114 Resp: 459271

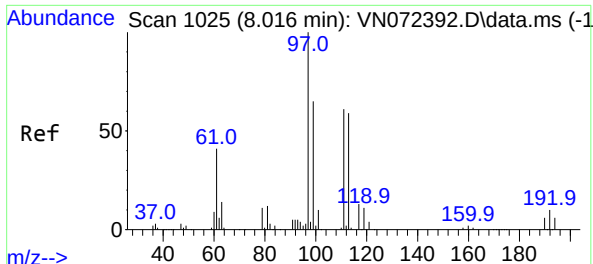
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.9 0.0 32.6

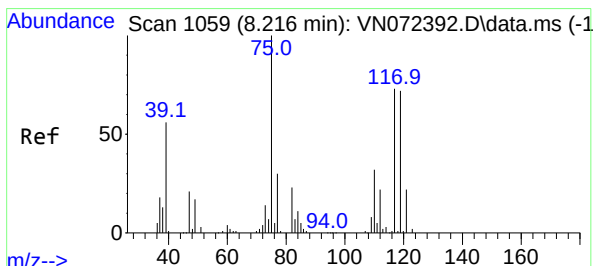
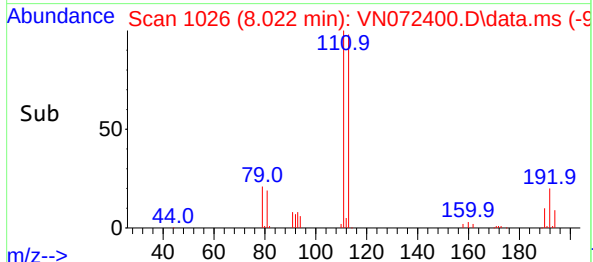
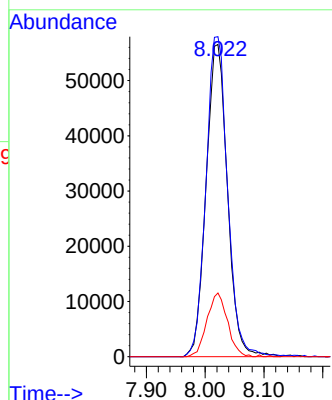
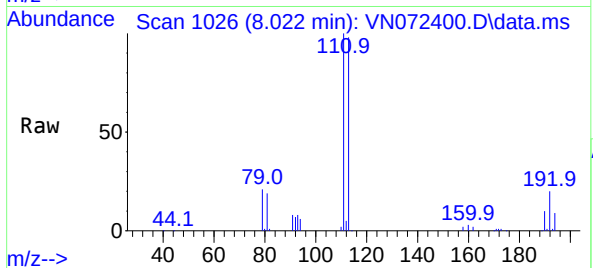




#35
Dibromofluoromethane
Concen: 46.709 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

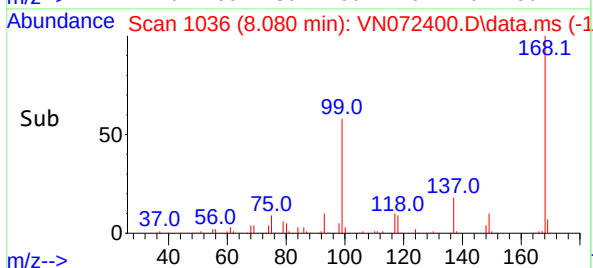
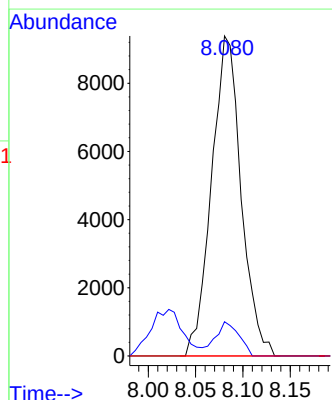
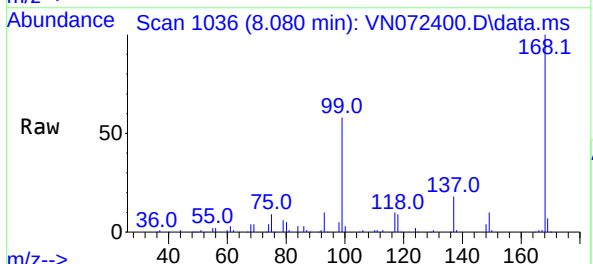
Instrument :
MSVOA_N
ClientSampleId :
M-15834

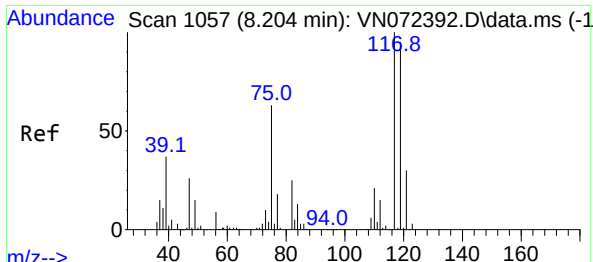
Tgt Ion:113 Resp: 142721
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 19.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion: 75 Resp: 20366
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#

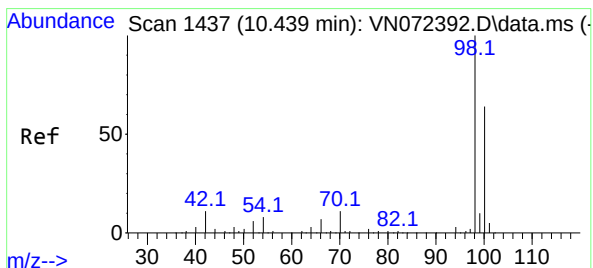
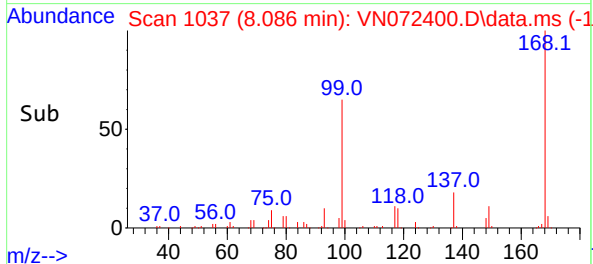
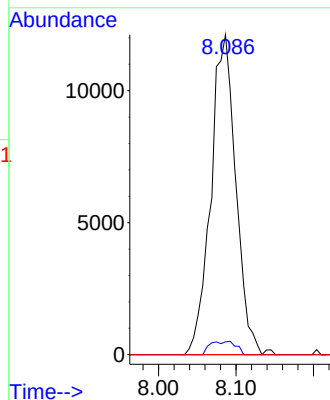
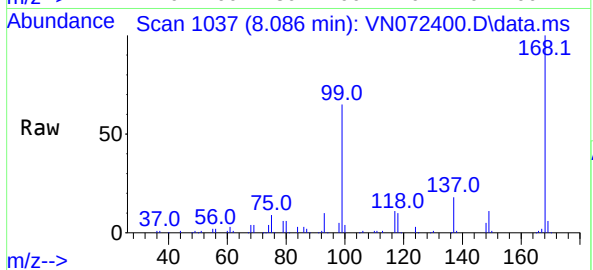




#38
Carbon Tetrachloride
Concen: 5.542 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

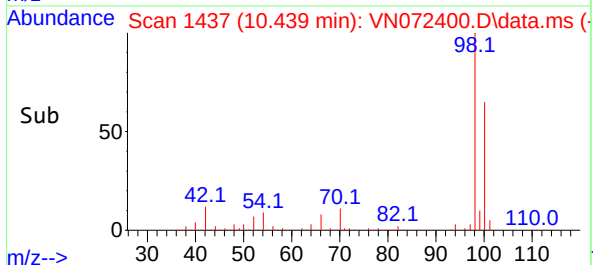
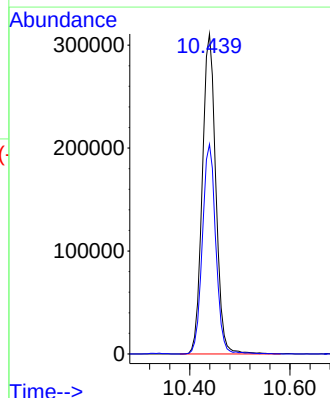
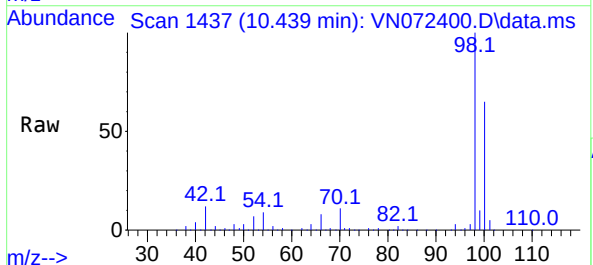
Instrument :
MSVOA_N
ClientSampleId :
M-15834

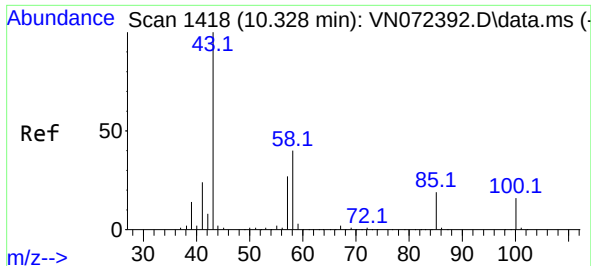
Tgt Ion:117 Resp: 27220
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.891 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion: 98 Resp: 580575
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 2.015 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. -0.001 min

Lab File: VN072400.D

Acq: 10 May 2022 18:38

Instrument :

MSVOA_N

ClientSampleId :

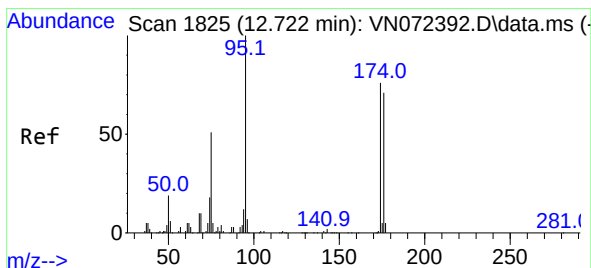
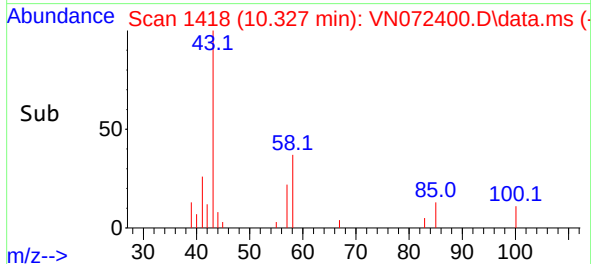
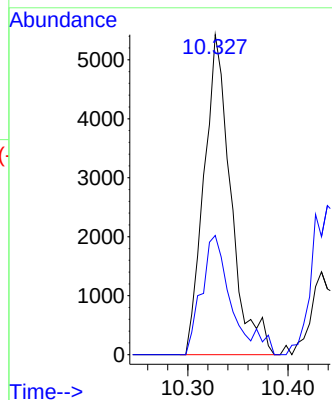
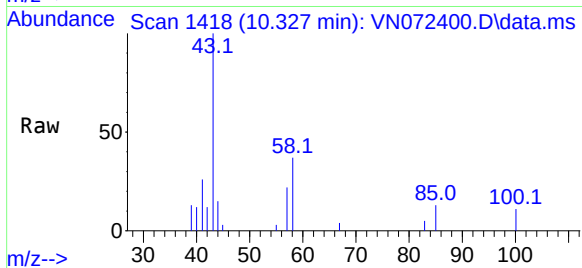
M-15834

Tgt Ion: 43 Resp: 10119

Ion Ratio Lower Upper

43 100

58 38.0 34.1 51.1



#62

4-Bromofluorobenzene

Concen: 59.091 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.005 min

Lab File: VN072400.D

Acq: 10 May 2022 18:38

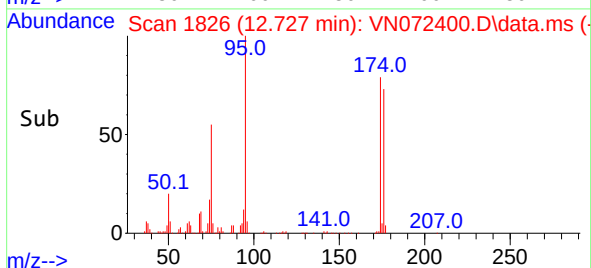
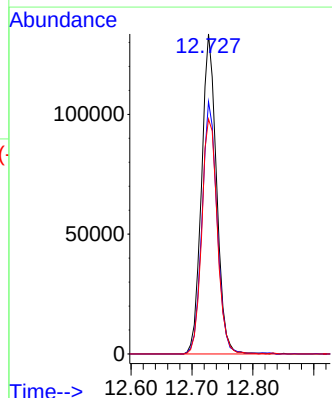
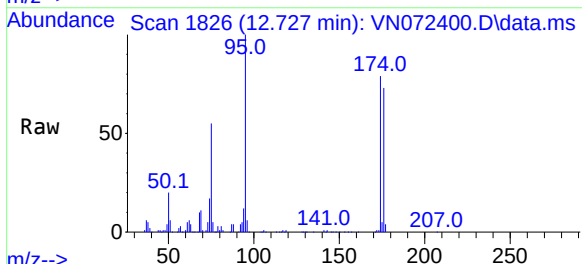
Tgt Ion: 95 Resp: 228370

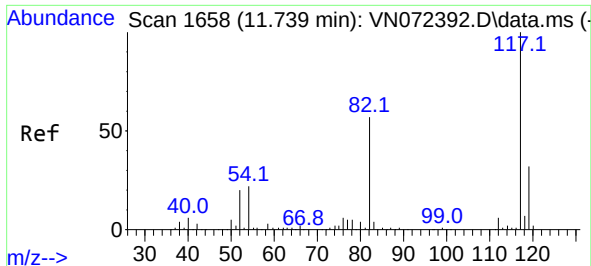
Ion Ratio Lower Upper

95 100

174 78.8 0.0 167.6

176 76.2 0.0 163.4

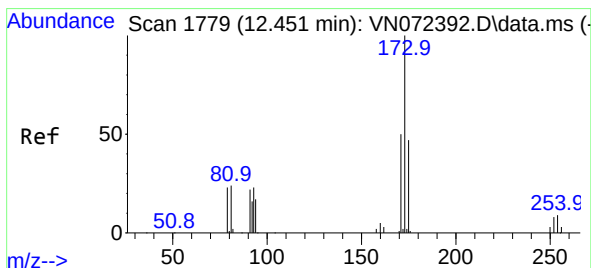
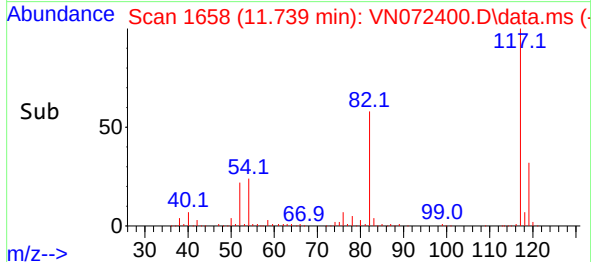
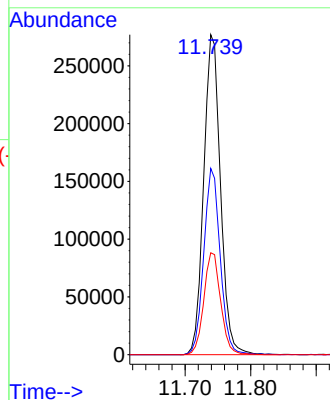
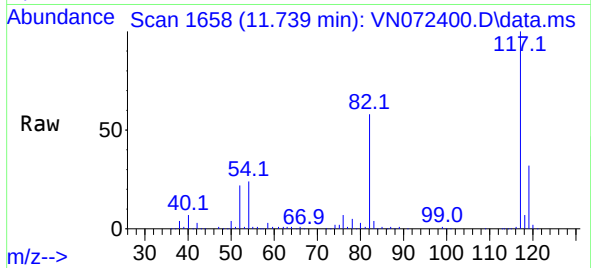




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

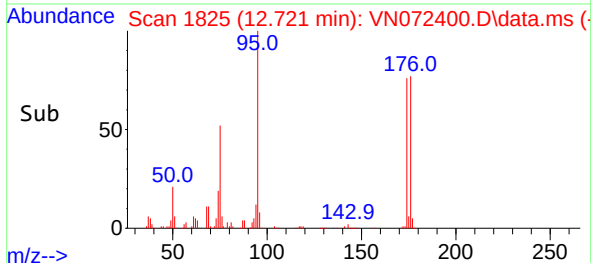
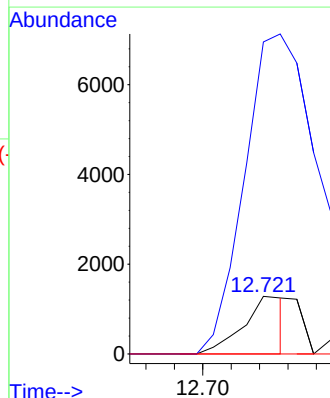
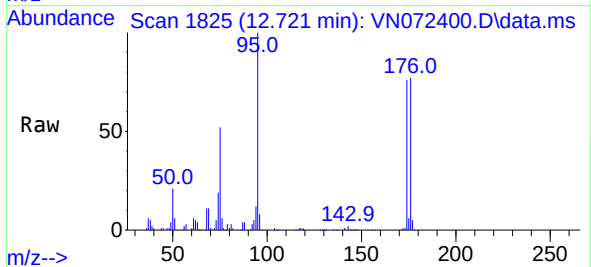
Instrument :
MSVOA_N
ClientSampleId :
M-15834

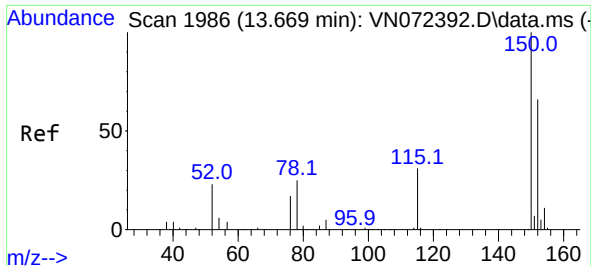
Tgt Ion:117 Resp: 494074
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 31.8 25.4 38.0



#71
Bromoform
Concen: 0.441 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion:173 Resp: 1314
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

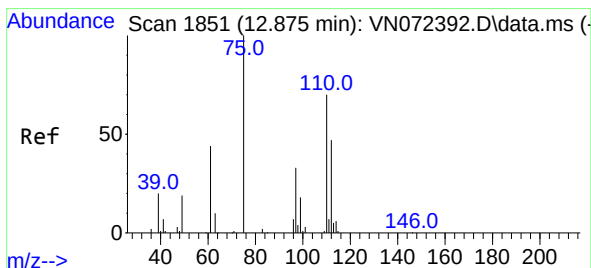
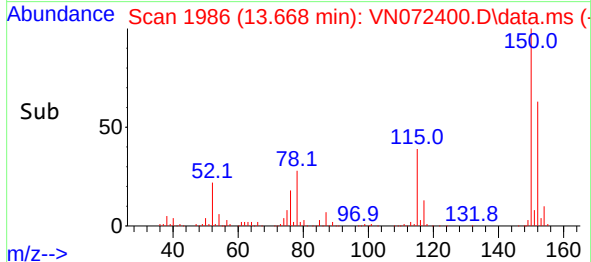
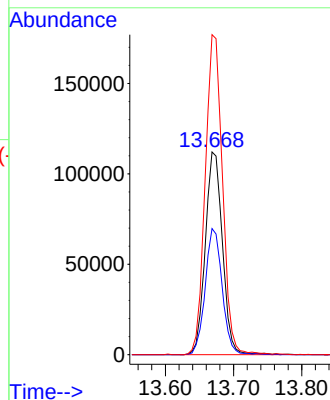
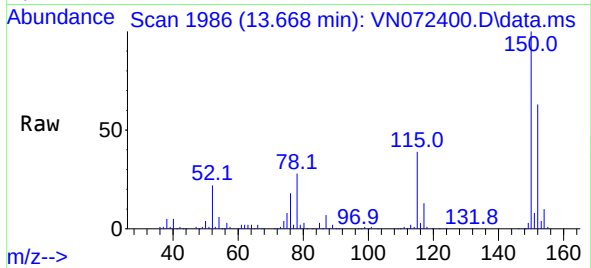




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

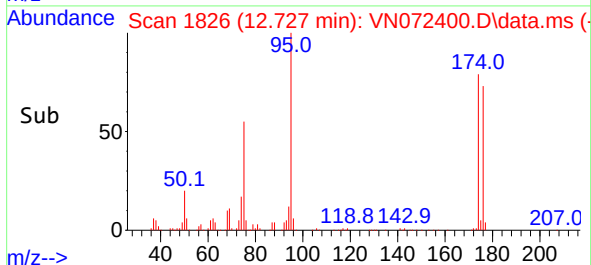
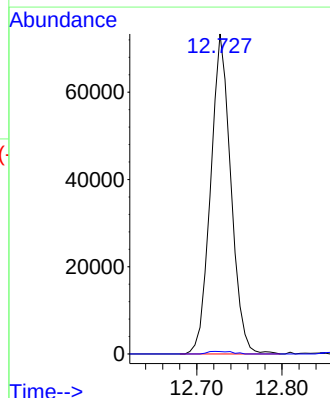
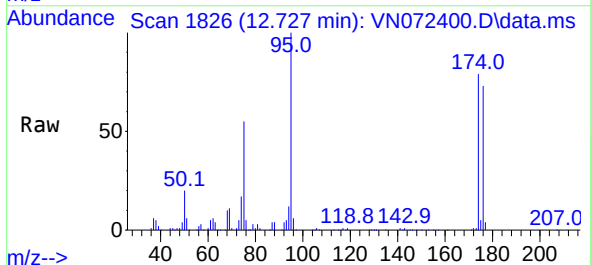
Instrument :
MSVOA_N
ClientSampleId :
M-15834

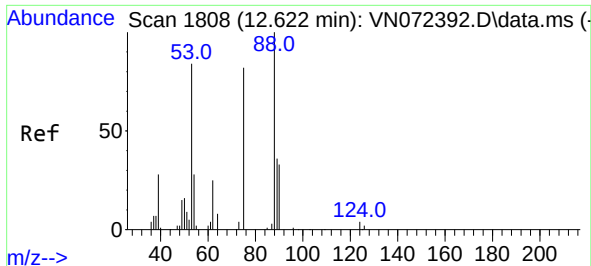
Tgt Ion:152 Resp: 196855
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 158.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.591 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion: 75 Resp: 121126
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

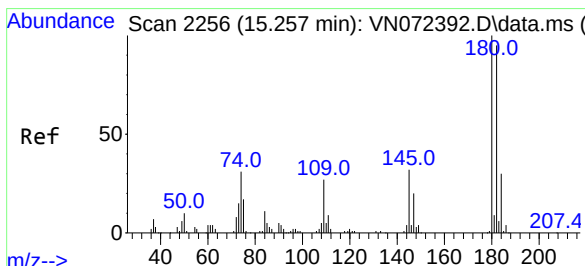
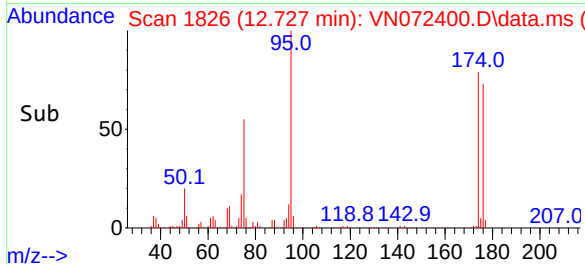
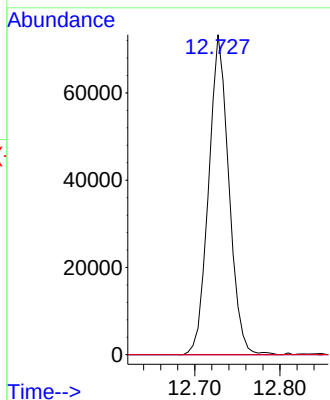
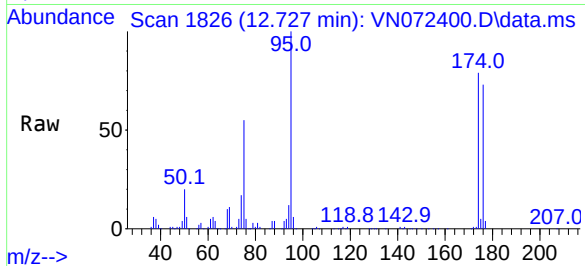




#81
trans-1,4-Dichloro-2-butene
Concen: 78.701 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

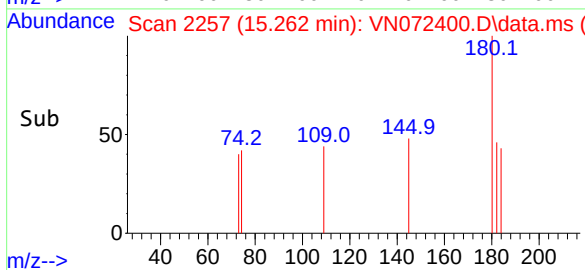
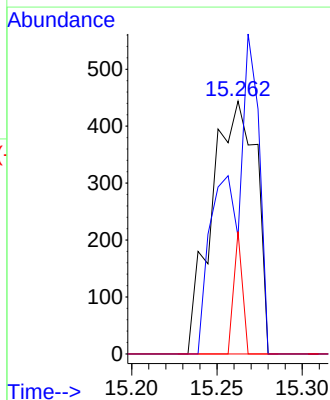
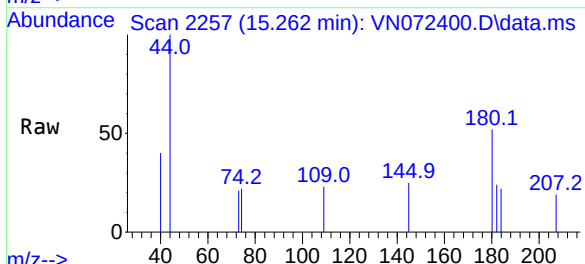
Instrument :
MSVOA_N
ClientSampleId :
M-15834

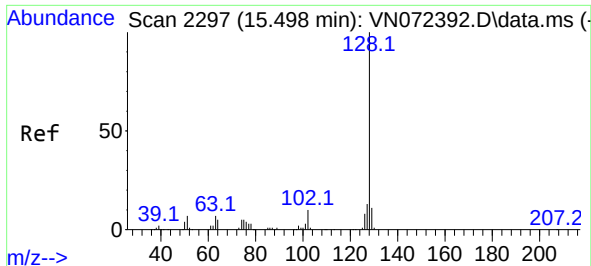
Tgt Ion: 75 Resp: 121126
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.317 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion: 180 Resp: 806
Ion Ratio Lower Upper
180 100
182 88.2 47.5 142.5
145 9.4 14.5 43.5#

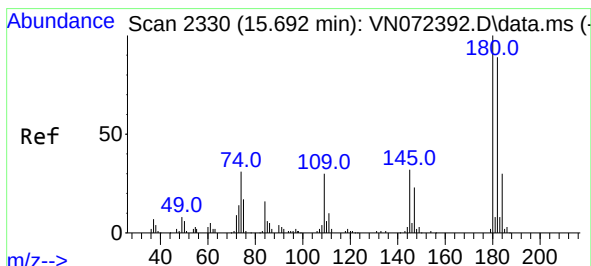
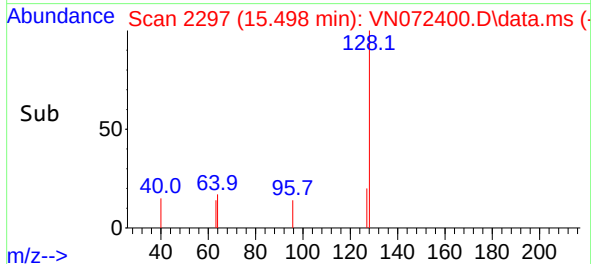
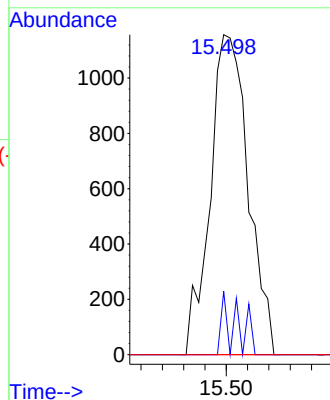
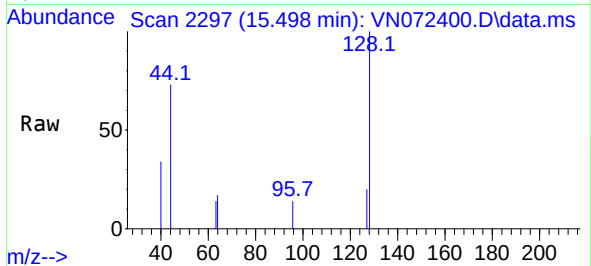




#95
Naphthalene
Concen: 3.462 ug/l
RT: 15.498 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Instrument :
MSVOA_N
ClientSampleId :
M-15834

Tgt Ion:128	Resp:	2866
Ion	Ratio	Lower Upper
128	100	
127	2.8	10.3 15.5#
129	0.0	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.369 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072400.D
Acq: 10 May 2022 18:38

Tgt Ion:180	Resp:	942
Ion	Ratio	Lower Upper
180	100	
182	79.5	47.8 143.3
145	6.7	15.5 46.5#

