

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072570.D
 Acq On : 20 May 2022 12:02
 Operator : JC\MD
 Sample : VN0520WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBL01

Quant Time: May 21 01:31:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

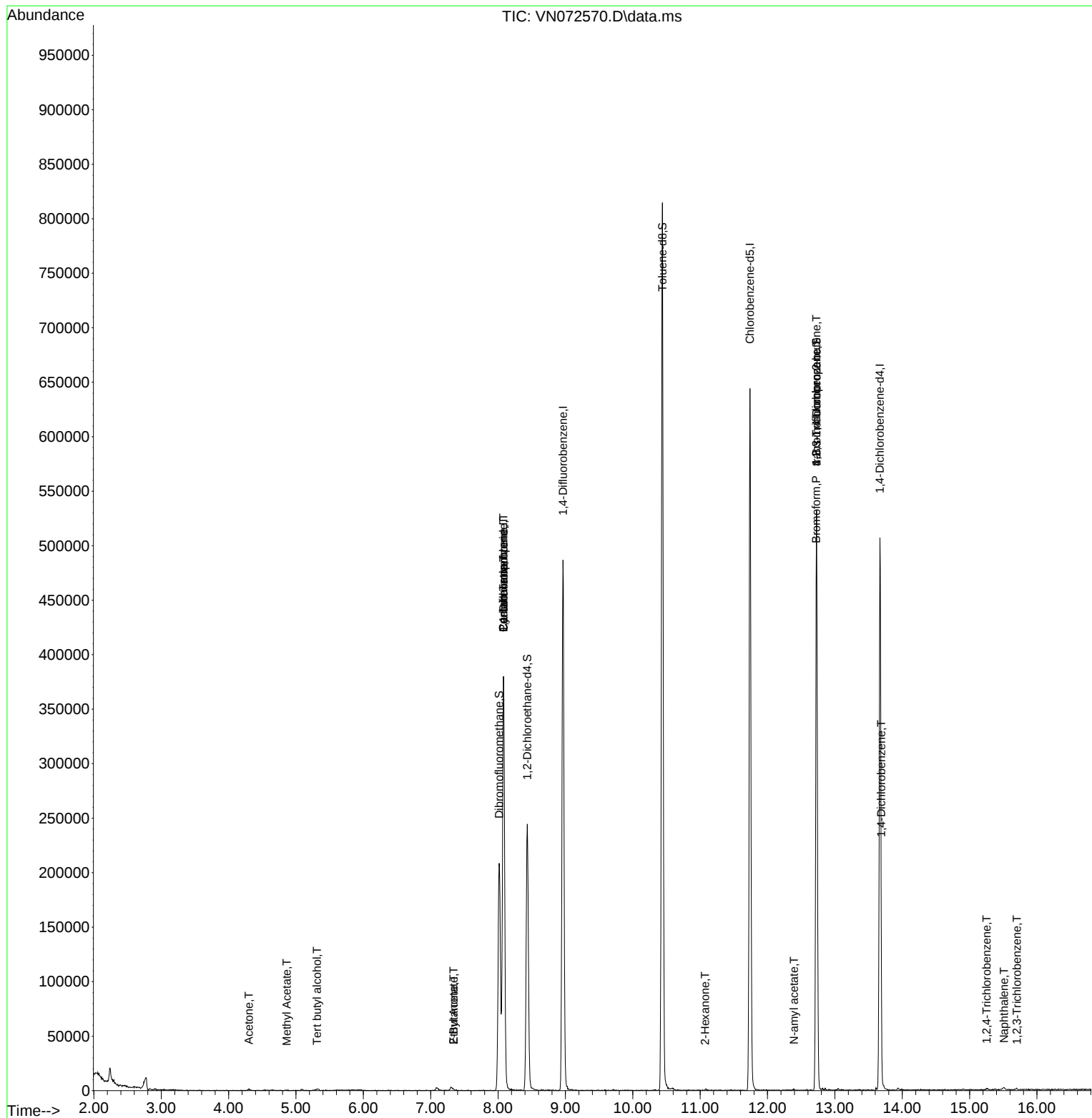
Internal Standards						
1) Pentafluorobenzene	8.081	168	270998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	405969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	361793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	135739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	230096	54.648	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.300%			
35) Dibromofluoromethane	8.016	113	151663	55.367	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.740%			
50) Toluene-d8	10.439	98	547094	52.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.727	95	175335	44.518	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.040%			
Target Compounds						
					Qvalue	
6) Chloroethane	2.922	64	166	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	957	2.485	ug/l #	72
16) Acetone	4.298	43	682	0.534	ug/l #	42
18) Methyl Acetate	4.863	43	478	0.413	ug/l #	69
25) 2-Butanone	7.339	43	1340	0.668	ug/l #	45
31) Cyclohexane	8.081	56	6292	1.344	ug/l #	30
36) 1,1-Dichloropropene	8.081	75	22501	6.034	ug/l #	51
37) Ethyl Acetate	7.339	43	1340	0.327	ug/l #	67
38) Carbon Tetrachloride	8.081	117	30142	6.530	ug/l #	15
59) 2-Hexanone	11.075	43	863	0.286	ug/l	72
71) Bromoform	12.721	173	1284	0.560	ug/l #	28
74) N-amyl acetate	12.392	43	772	0.207	ug/l #	57
76) 1,2,3-Trichloropropane	12.727	75	100606	24.535	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	100606	102.284	ug/l #	10
88) 1,4-Dichlorobenzene	13.686	146	923	0.202	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.251	180	555	0.269	ug/l #	80
95) Naphthalene	15.510	128	2995	0.501	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.704	180	761	0.358	ug/l #	78

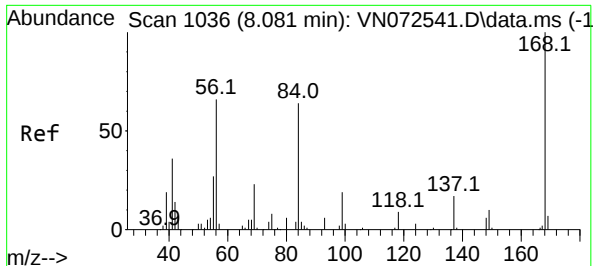
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN072570.D
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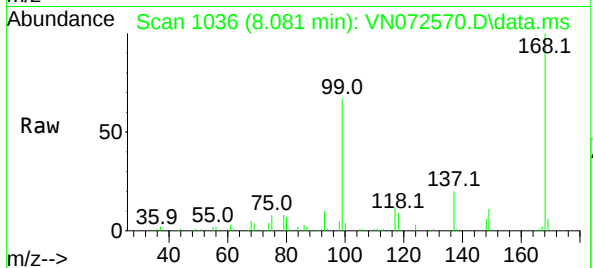
Quant Time: May 21 01:31:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
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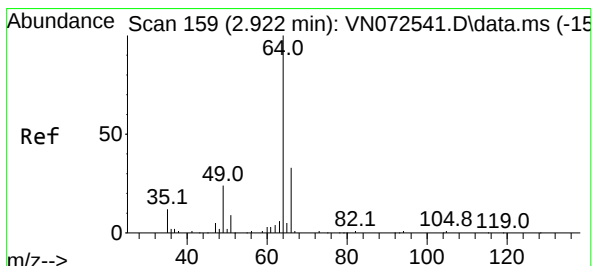
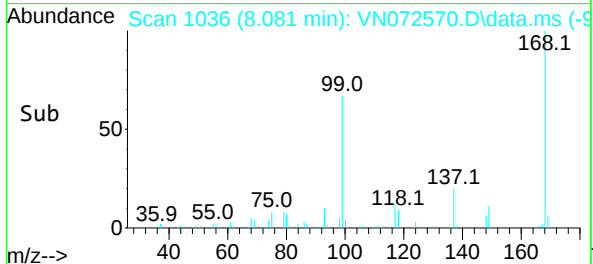
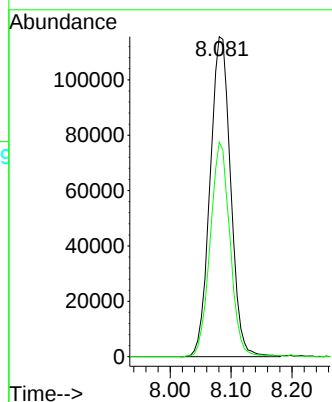


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

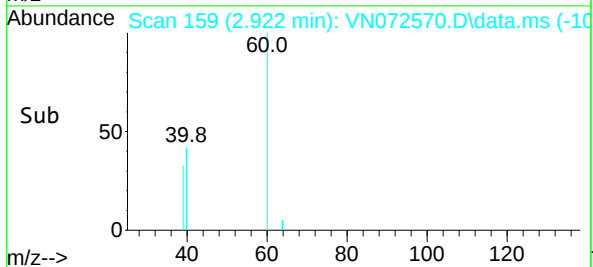
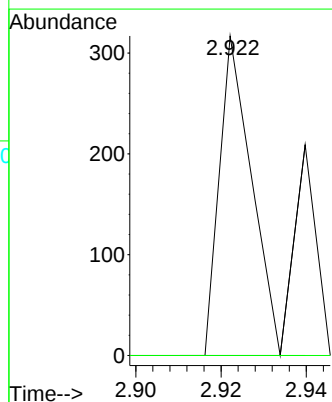
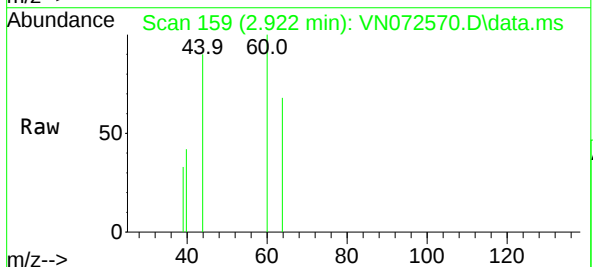


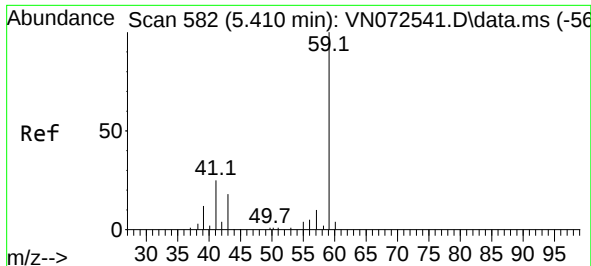
Tgt Ion:168 Resp: 270998
Ion Ratio Lower Upper
168 100
99 67.1 42.3 63.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 2.485 ug/l

RT: 5.310 min Scan# 5

Delta R.T. -0.100 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

Instrument :

MSVOA_N

ClientSampleId :

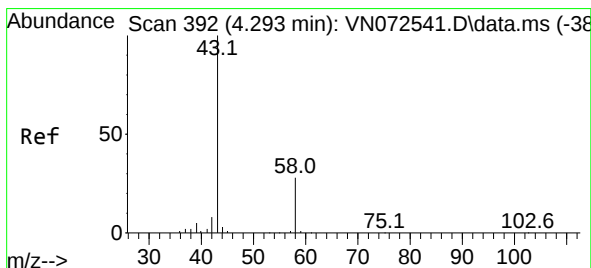
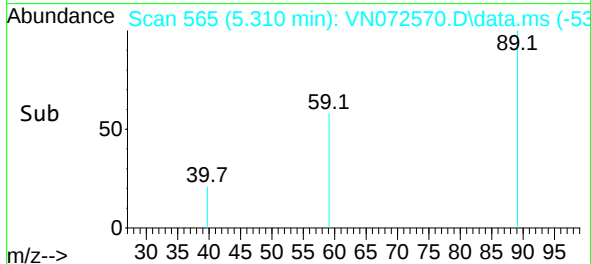
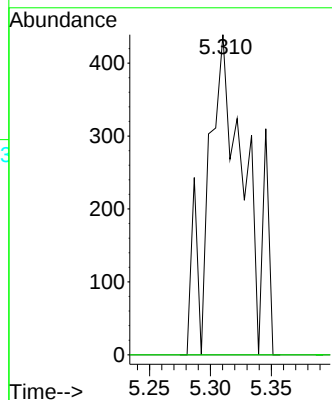
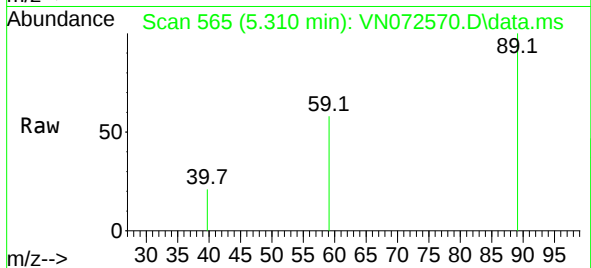
VN0520WBL01

Tgt Ion: 59 Resp: 957

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.534 ug/l

RT: 4.298 min Scan# 393

Delta R.T. 0.005 min

Lab File: VN072570.D

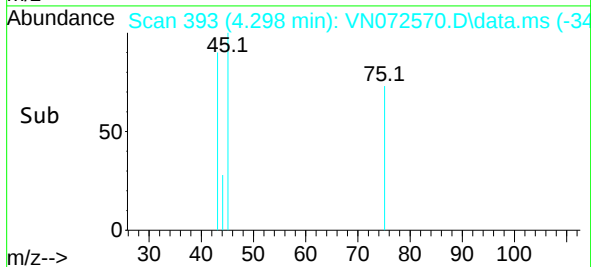
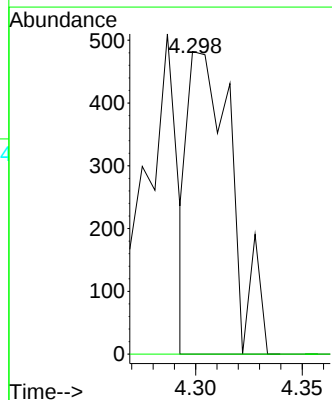
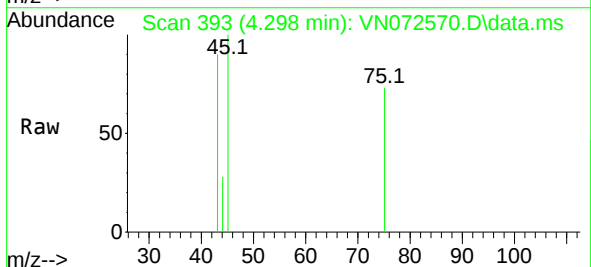
Acq: 20 May 2022 12:02

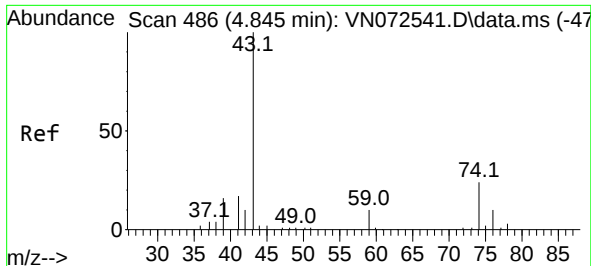
Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#

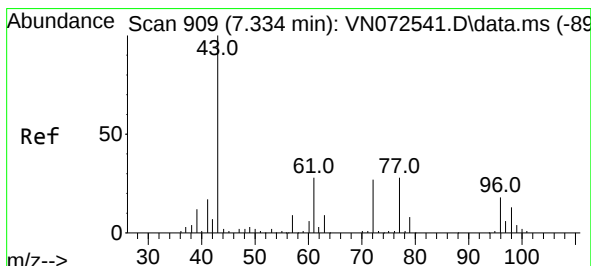
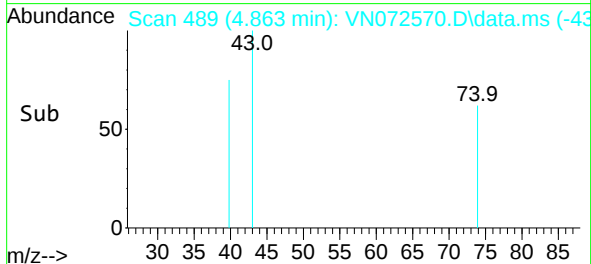
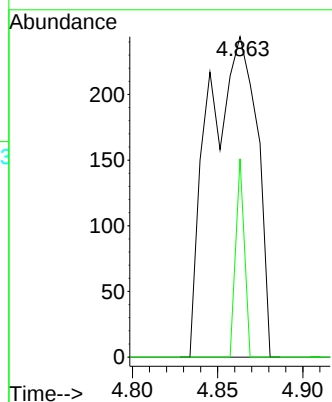
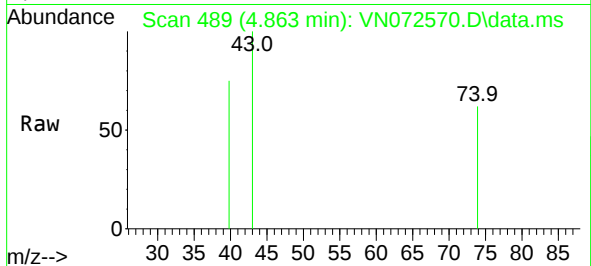




#18
Methyl Acetate
Concen: 0.413 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

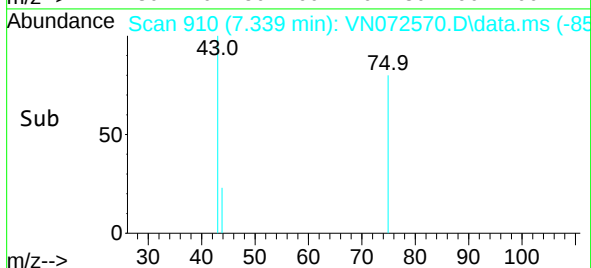
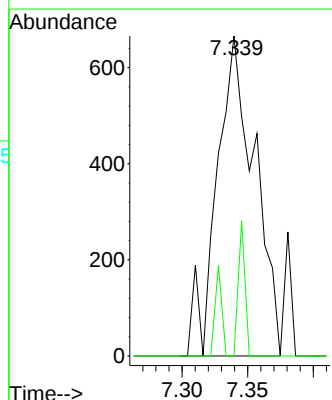
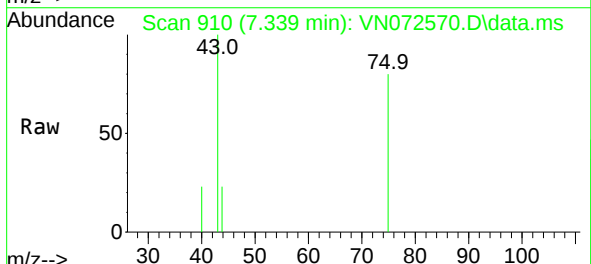
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

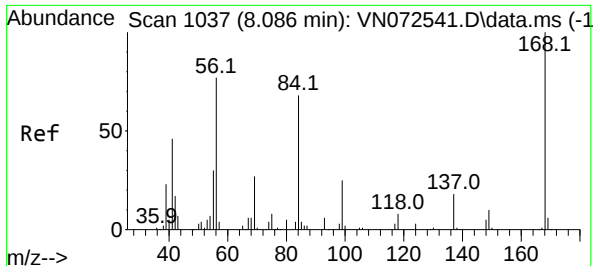
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
74 11.1 21.6 32.4#



#25
2-Butanone
Concen: 0.668 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.005 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

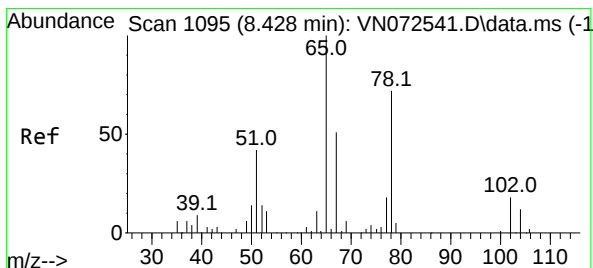
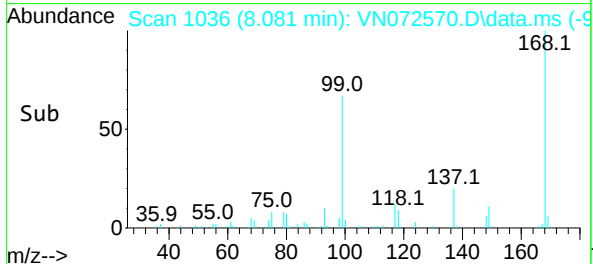
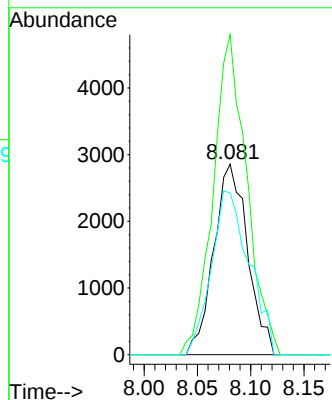
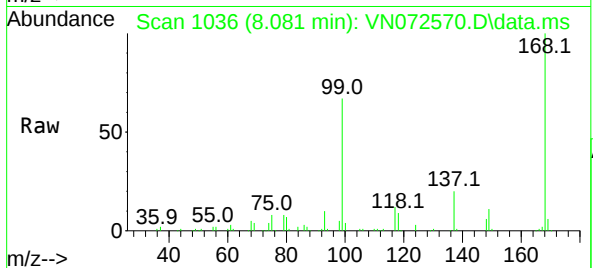




#31
Cyclohexane
Concen: 1.344 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

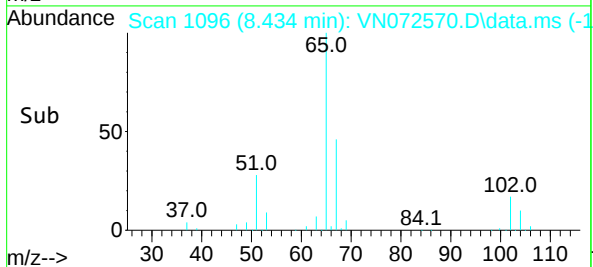
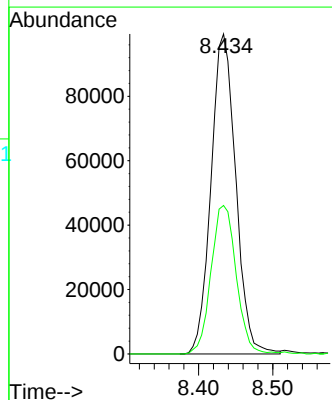
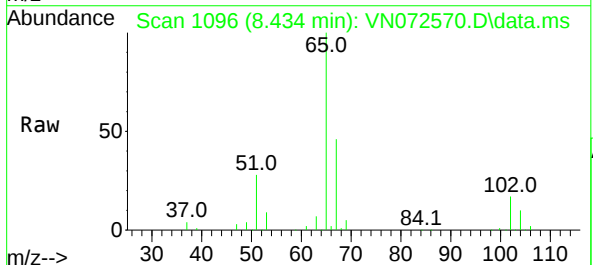
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

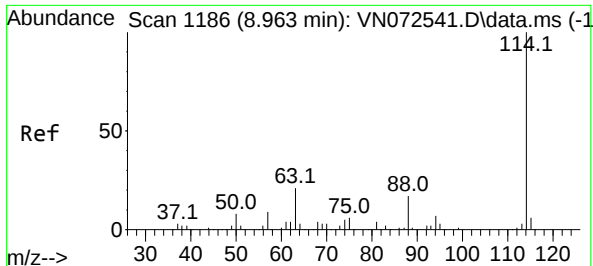
Tgt Ion: 56 Resp: 6292
Ion Ratio Lower Upper
56 100
69 168.1 27.8 41.8#
84 85.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 54.648 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion: 65 Resp: 230096
Ion Ratio Lower Upper
65 100
67 47.3 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: VN072570.D

Acq: 20 May 2022 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBL01

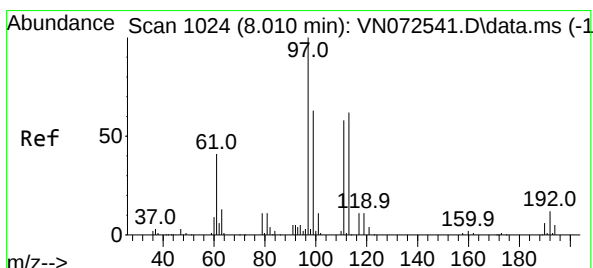
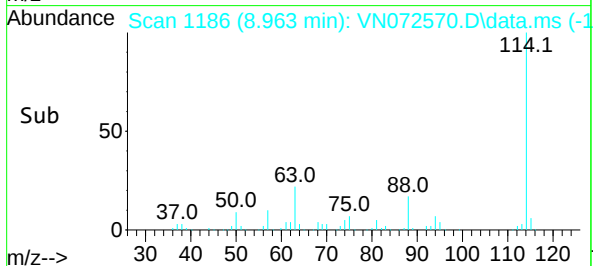
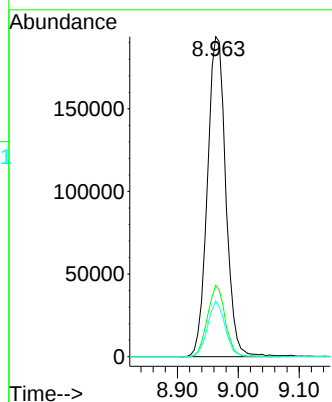
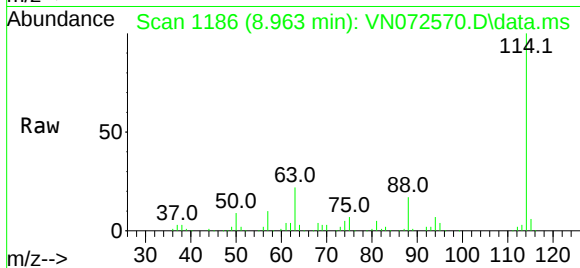
Tgt Ion:114 Resp: 405969

Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.367 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

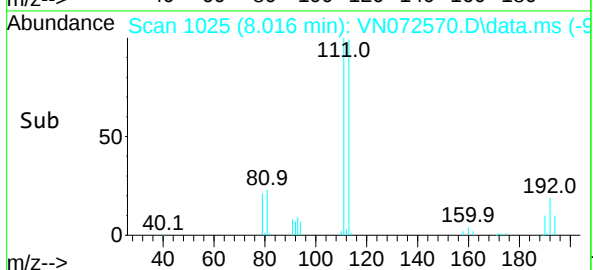
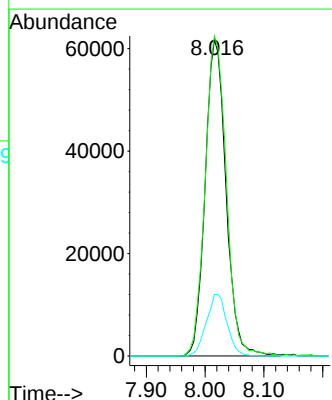
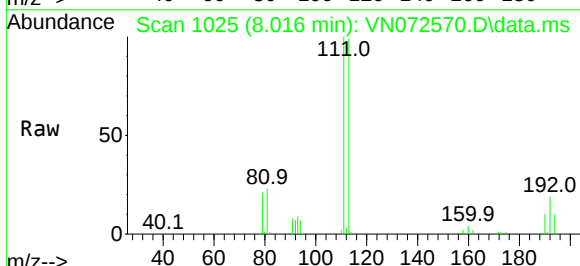
Tgt Ion:113 Resp: 151663

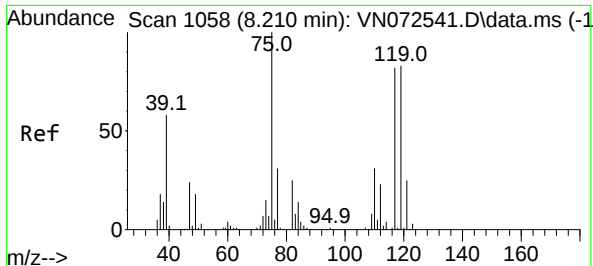
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 19.4 17.0 25.6

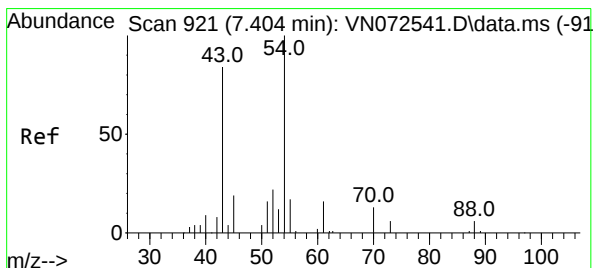
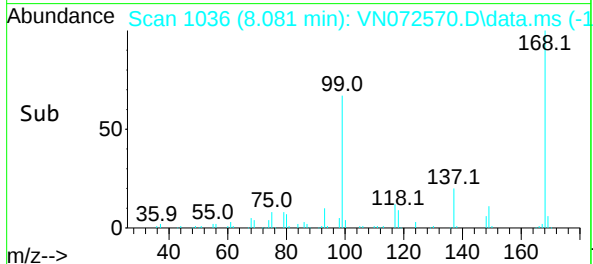
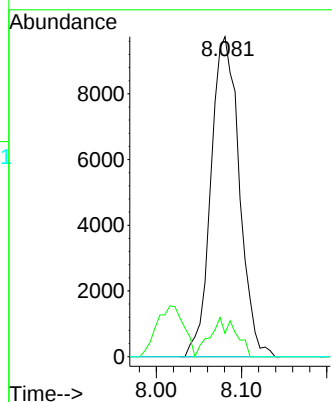
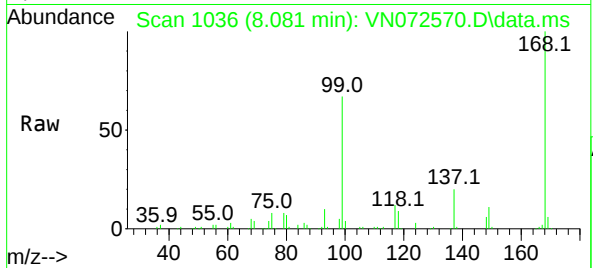




#36
 1,1-Dichloropropene
 Concen: 6.034 ug/l
 RT: 8.081 min Scan# 1036
 Delta R.T. -0.129 min
 Lab File: VN072570.D
 Acq: 20 May 2022 12:02

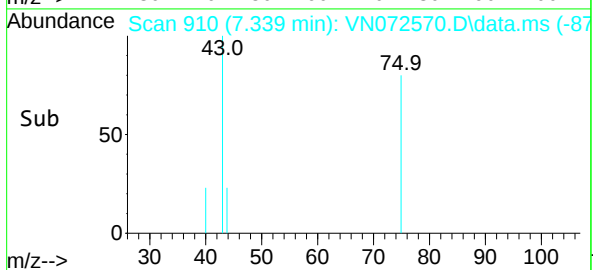
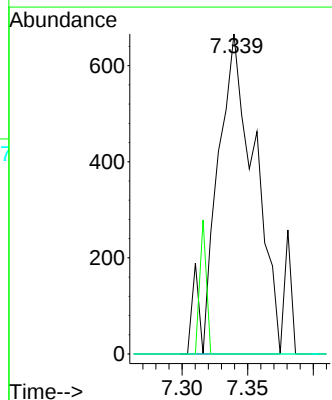
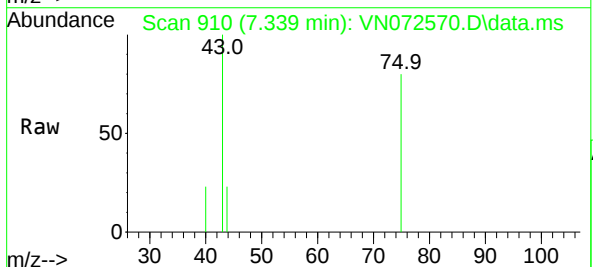
Instrument :
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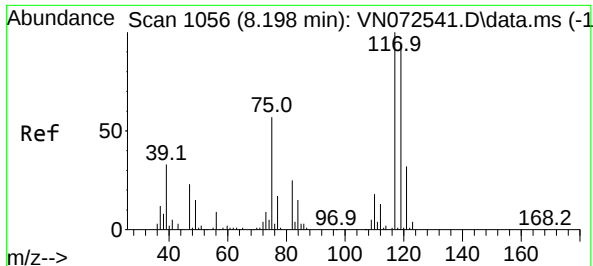
Tgt Ion: 75 Resp: 22501
 Ion Ratio Lower Upper
 75 100
 110 11.0 18.3 54.8#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.327 ug/l
 RT: 7.339 min Scan# 910
 Delta R.T. -0.065 min
 Lab File: VN072570.D
 Acq: 20 May 2022 12:02

Tgt Ion: 43 Resp: 1340
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 9.3 13.9#

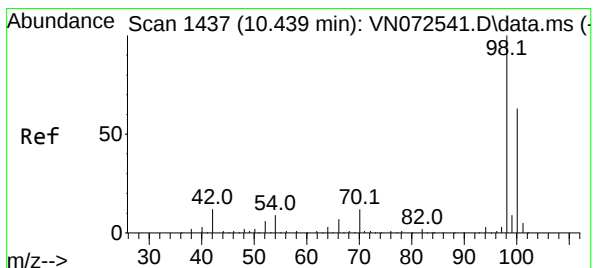
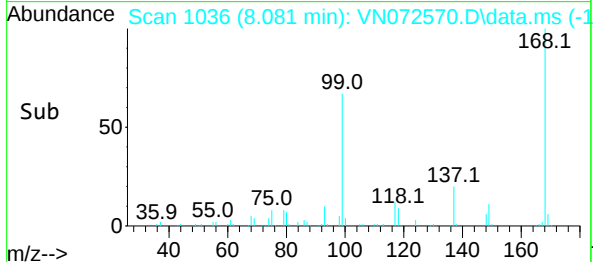
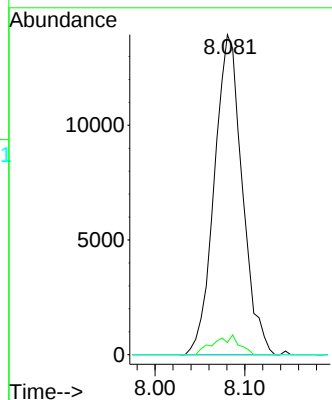
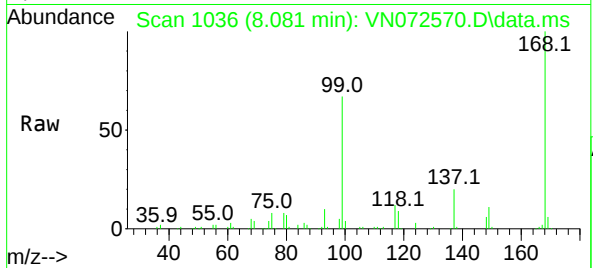




#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 8.081 min Scan# 1056
Delta R.T. -0.117 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

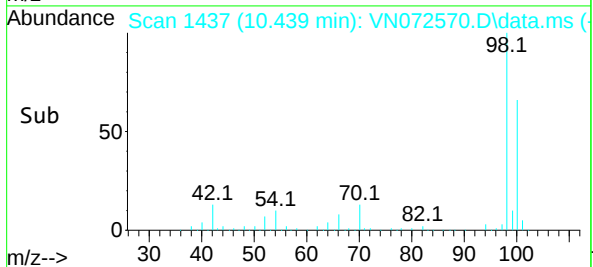
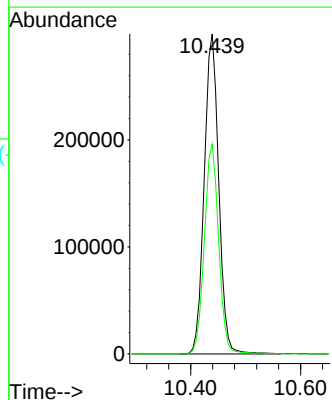
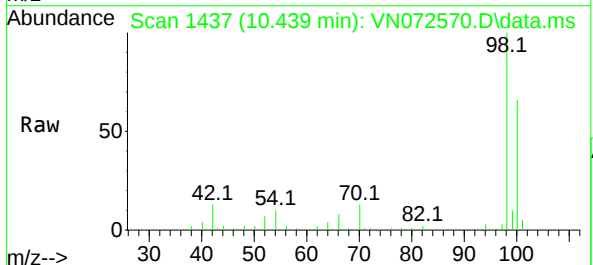
Instrument :
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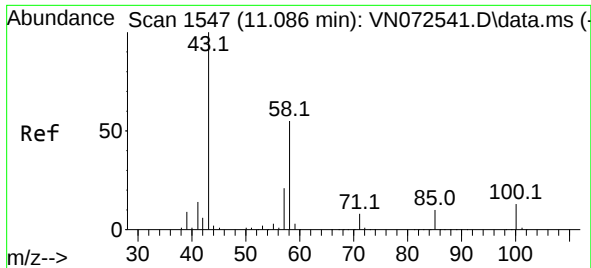
Tgt Ion:117 Resp: 30142
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.765 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion: 98 Resp: 547094
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

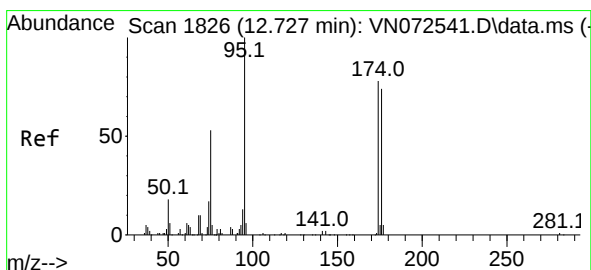
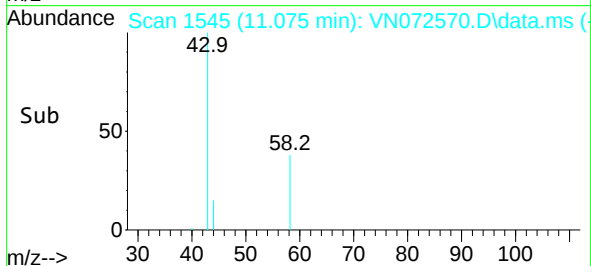
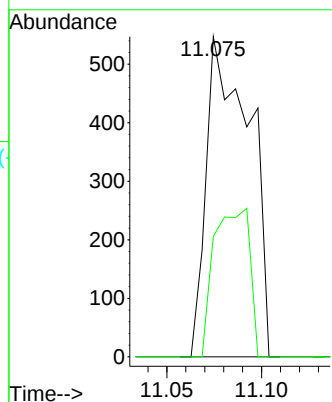
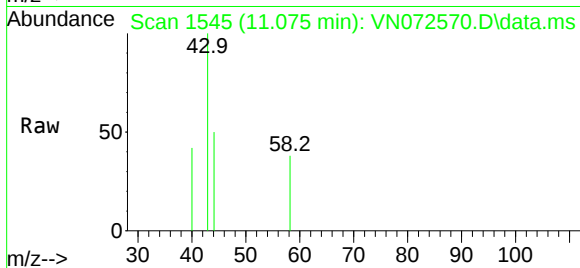




#59
2-Hexanone
Concen: 0.286 ug/l
RT: 11.075 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

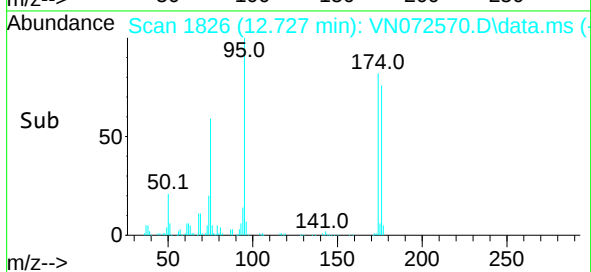
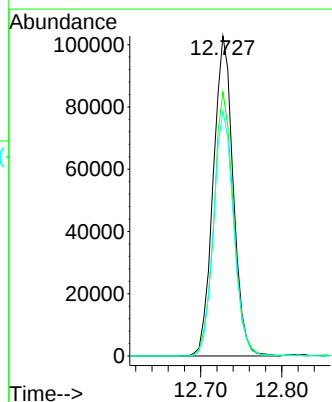
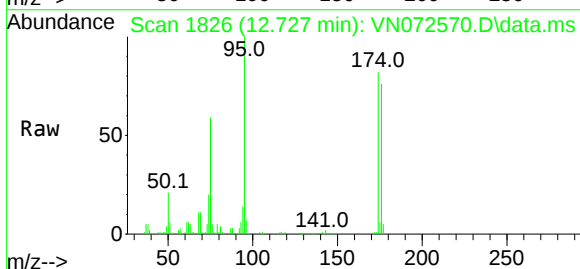
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

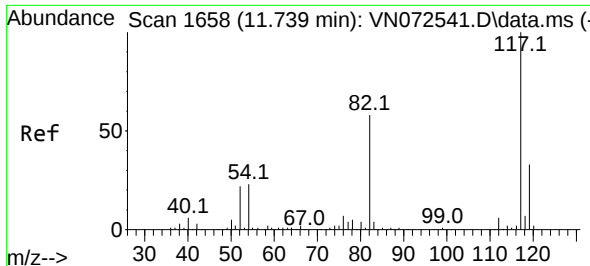
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 38.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 44.518 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion: 95 Resp: 175335
Ion Ratio Lower Upper
95 100
174 81.0 0.0 167.6
176 77.1 0.0 163.4

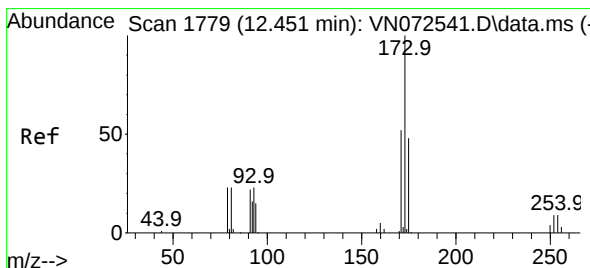
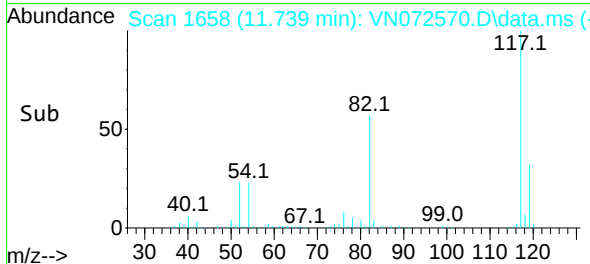
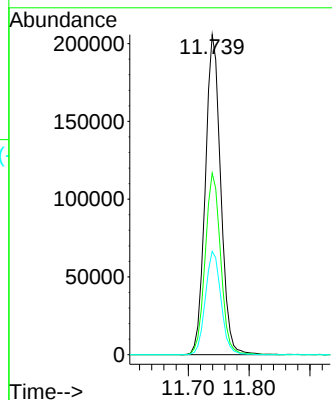
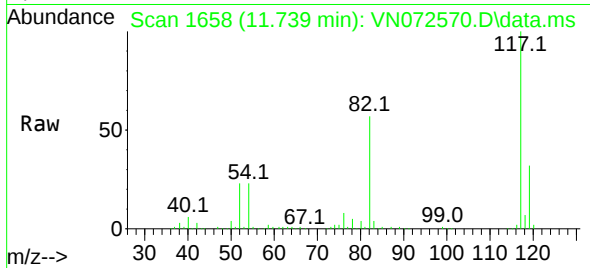




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

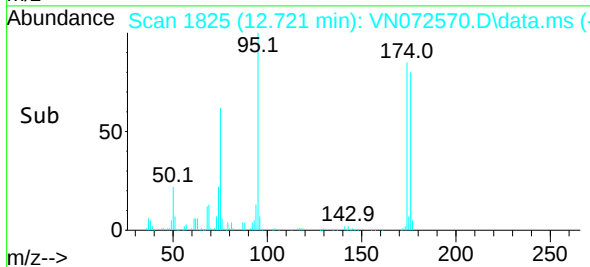
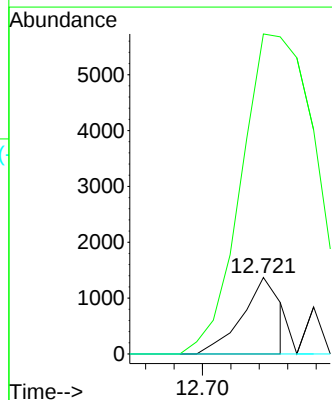
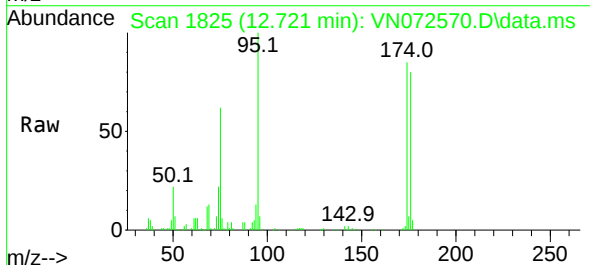
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

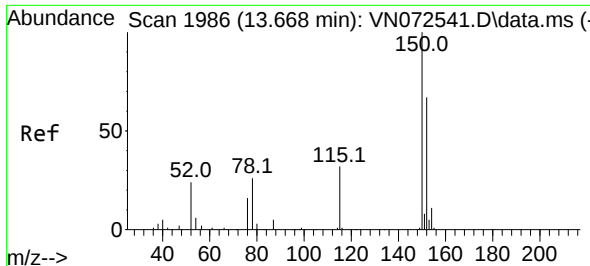
Tgt Ion:117 Resp: 361793
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.3 25.4 38.0



#71
Bromoform
Concen: 0.560 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion:173 Resp: 1284
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

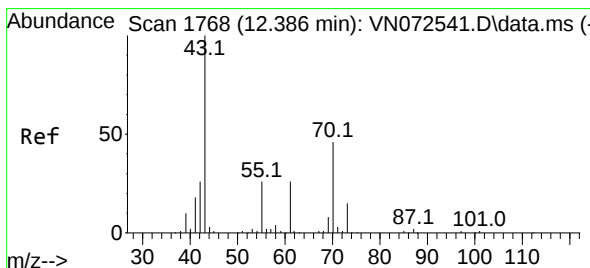
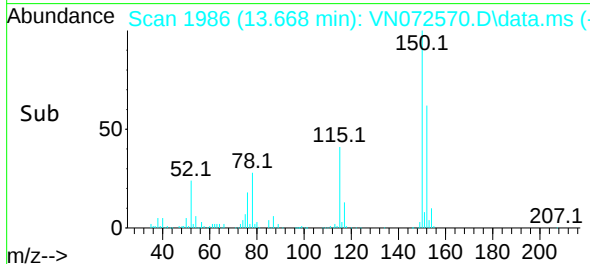
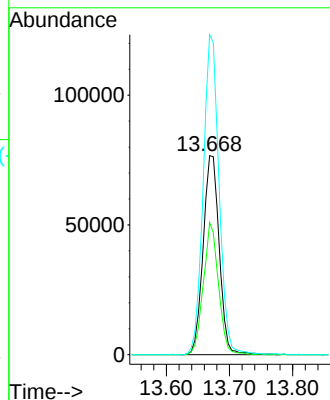
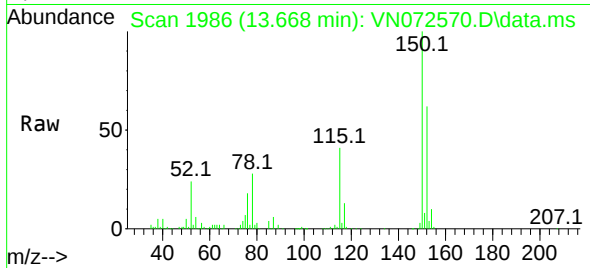




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

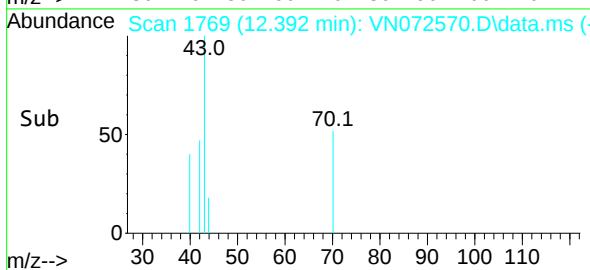
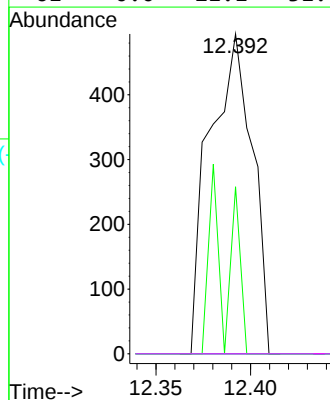
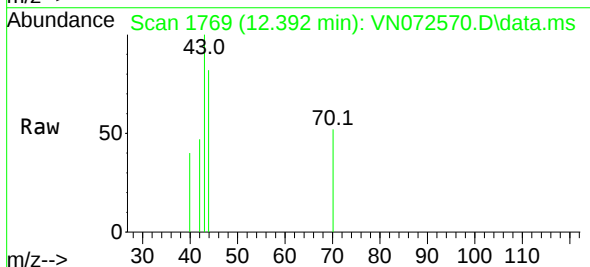
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

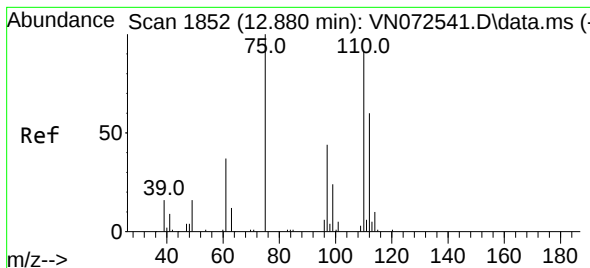
Tgt Ion:152 Resp: 135739
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 158.1 0.0 356.2



#74
N-ethyl acetate
Concen: 0.207 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
70 25.3 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#





#76

1,2,3-Trichloropropane

Concen: 24.535 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.153 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

Instrument :

MSVOA_N

ClientSampleId :

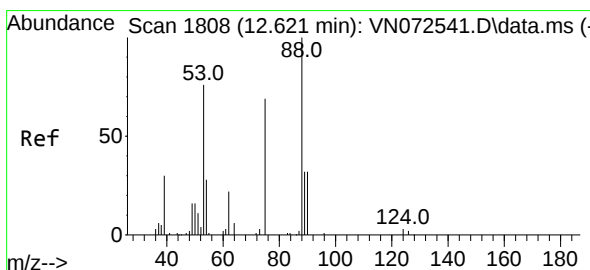
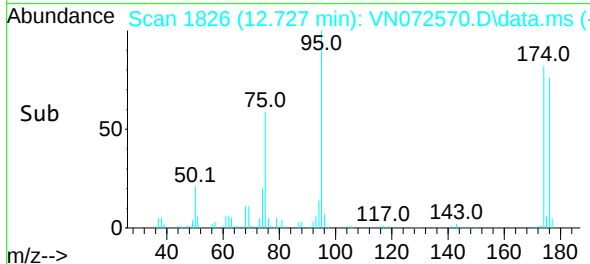
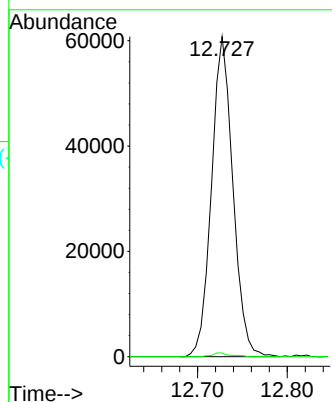
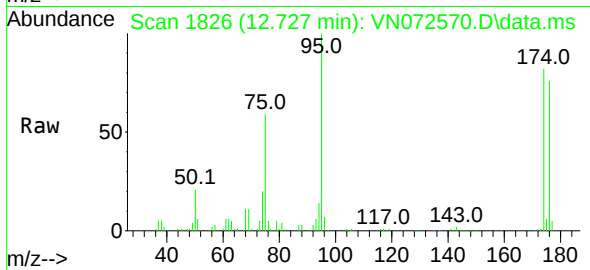
VN0520WBL01

Tgt Ion: 75 Resp: 100606

Ion Ratio Lower Upper

75 100

77 1.0 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.284 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.106 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

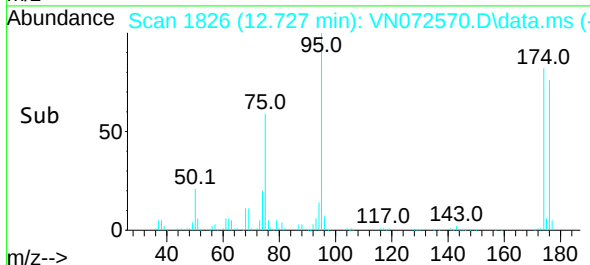
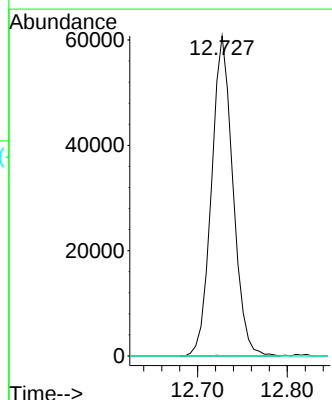
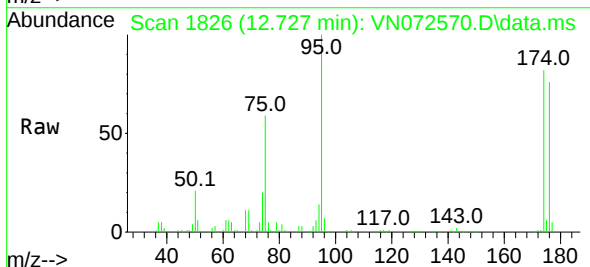
Tgt Ion: 75 Resp: 100606

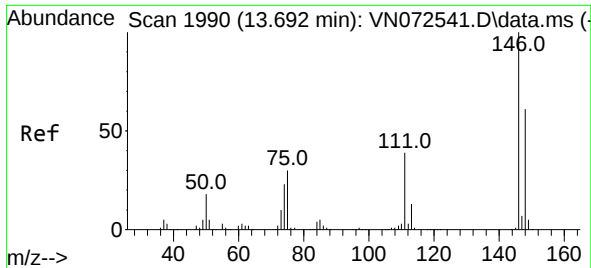
Ion Ratio Lower Upper

75 100

53 0.1 78.0 117.0#

89 0.0 37.2 55.8#

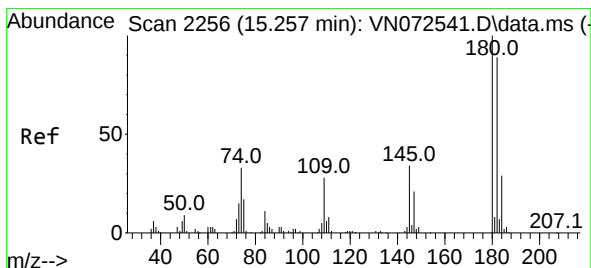
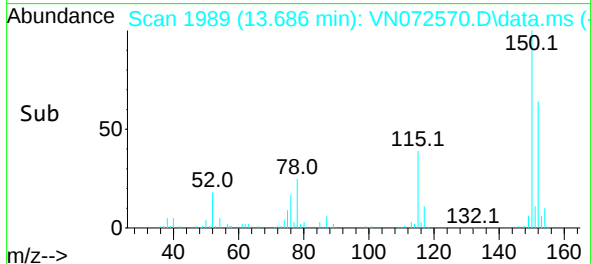
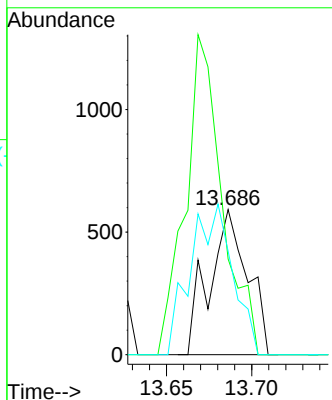
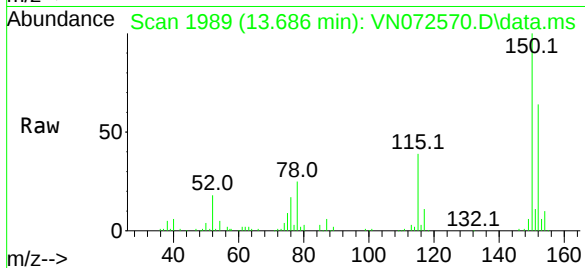




#88
1,4-Dichlorobenzene
Concen: 0.202 ug/l
RT: 13.686 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

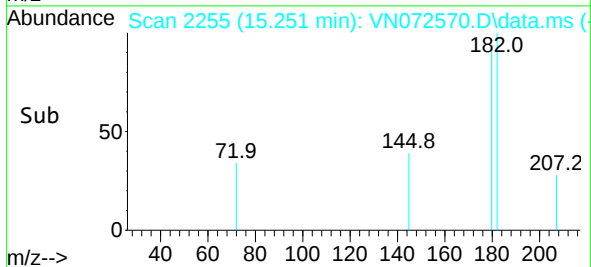
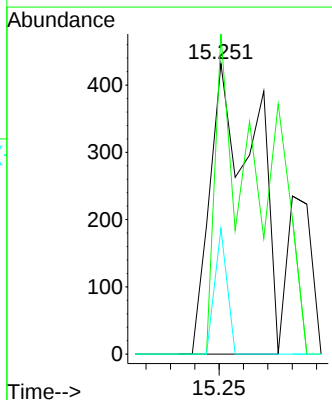
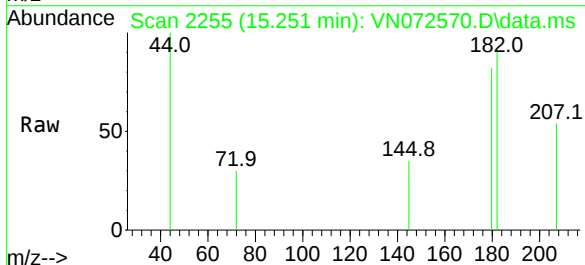
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBL01

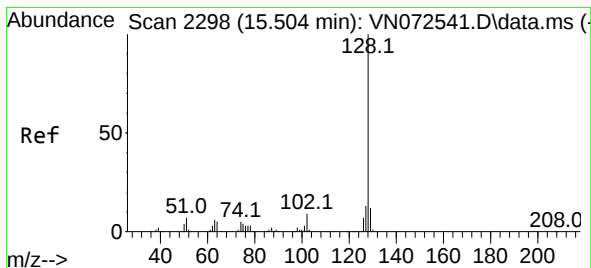
Tgt Ion:146 Resp: 923
Ion Ratio Lower Upper
146 100
111 211.4 19.1 57.1#
148 114.7 31.4 94.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 15.251 min Scan# 2255
Delta R.T. -0.006 min
Lab File: VN072570.D
Acq: 20 May 2022 12:02

Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 111.4 47.5 142.5
145 11.9 14.5 43.5#





#95

Naphthalene

Concen: 0.501 ug/l

RT: 15.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

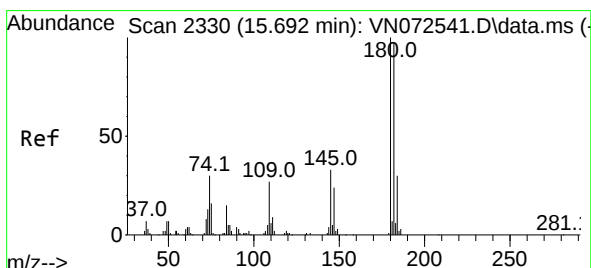
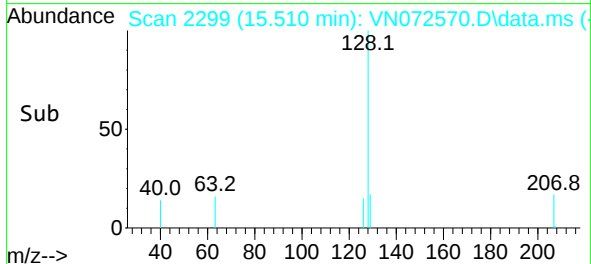
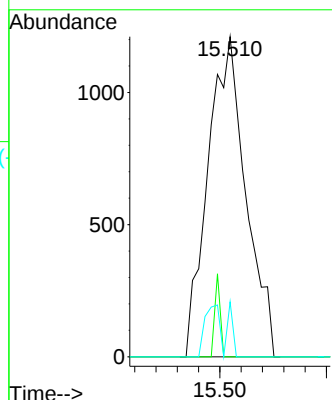
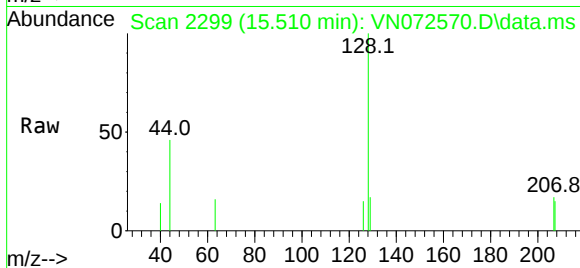
Instrument :

MSVOA_N

ClientSampleId :

VN0520WBL01

Tgt Ion:	128	Resp:	2995
Ion	Ratio	Lower	Upper
128	100		
127	3.7	10.3	15.5#
129	8.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.358 ug/l

RT: 15.704 min Scan# 2332

Delta R.T. 0.012 min

Lab File: VN072570.D

Acq: 20 May 2022 12:02

Tgt Ion:	180	Resp:	761
Ion	Ratio	Lower	Upper
180	100		
182	79.8	47.8	143.3
145	8.1	15.5	46.5#

