

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072723.D
 Acq On : 09 Jun 2022 11:13
 Operator : JC\MD
 Sample : VN0609WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBL02

Quant Time: Jun 09 15:47:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

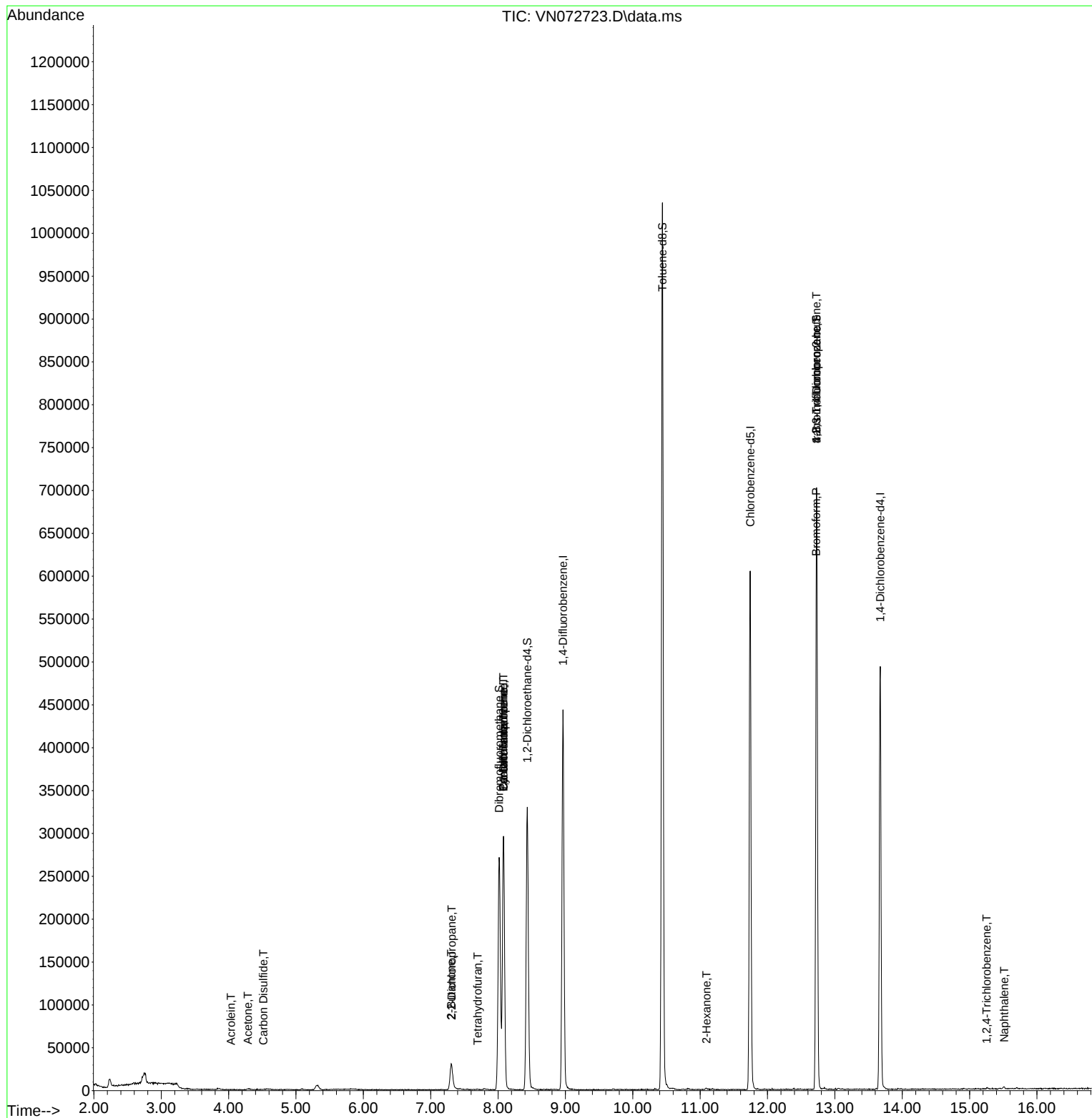
Internal Standards						
1) Pentafluorobenzene	8.081	168	192880	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	357849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	325378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	120555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	276160	53.346	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 106.700%		
35) Dibromofluoromethane	8.016	113	195822	55.304	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 110.600%		
50) Toluene-d8	10.439	98	675670	47.827	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 95.660%		
62) 4-Bromofluorobenzene	12.727	95	244189	50.372	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 100.740%		
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	677	Below Cal		89
5) Bromomethane	2.857	94	694	Below Cal	#	2
6) Chloroethane	3.010	64	1451	Below Cal	#	83
13) Acrolein	4.034	56	137	0.269	ug/l #	16
16) Acetone	4.287	43	842	0.339	ug/l #	42
17) Carbon Disulfide	4.516	76	149	0.306	ug/l #	75
20) Methylene Chloride	5.098	84	736	Below Cal	#	83
25) 2-Butanone	7.304	43	1733	0.434	ug/l #	45
26) 2,2-Dichloropropane	7.310	77	2158	0.353	ug/l #	53
29) Tetrahydrofuran	7.698	42	534	0.217	ug/l #	49
31) Cyclohexane	8.081	56	6133	0.414	ug/l #	10
36) 1,1-Dichloropropene	8.081	75	20011	4.071	ug/l #	49
38) Carbon Tetrachloride	8.081	117	23521	4.478	ug/l #	16
59) 2-Hexanone	11.092	43	1981	0.348	ug/l	68
71) Bromoform	12.721	173	893	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	147435	37.899	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	147435	99.115	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.251	180	551	0.270	ug/l #	75
95) Naphthalene	15.515	128	2728	0.344	ug/l #	79

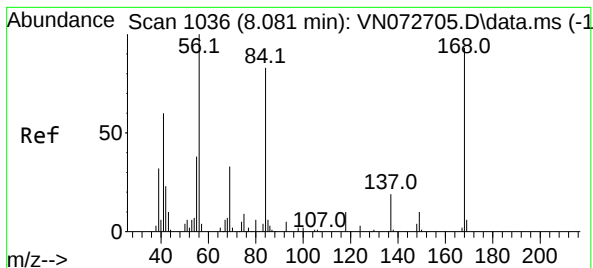
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072723.D

Acq: 09 Jun 2022 11:13

Instrument :

MSVOA_N

ClientSampleId :

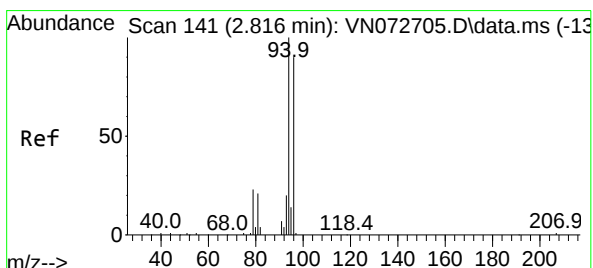
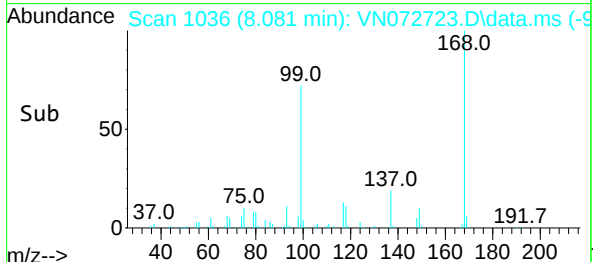
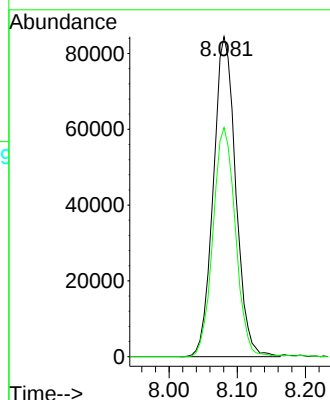
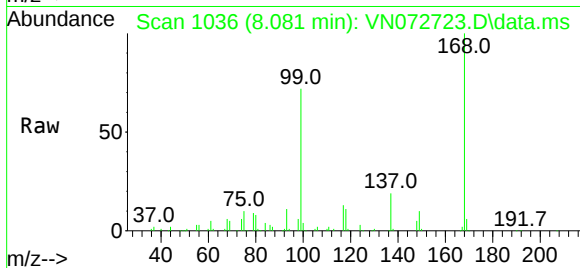
VN0609WBL02

Tgt Ion:168 Resp: 192880

Ion Ratio Lower Upper

168 100

99 71.6 42.3 63.5#



#5

Bromomethane

Concen: Below Cal

RT: 2.857 min Scan# 148

Delta R.T. 0.041 min

Lab File: VN072723.D

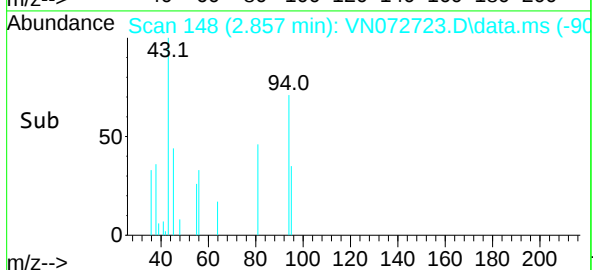
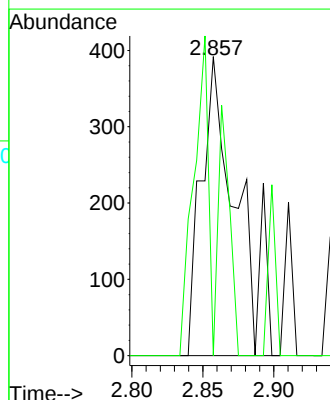
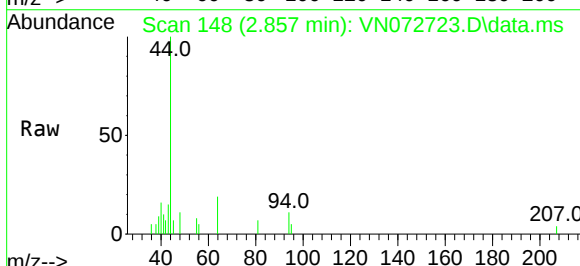
Acq: 09 Jun 2022 11:13

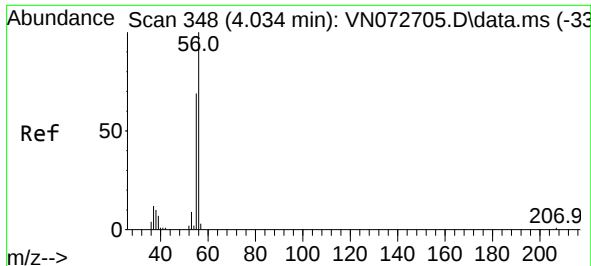
Tgt Ion: 94 Resp: 694

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#

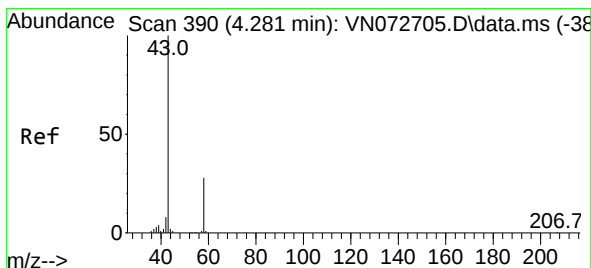
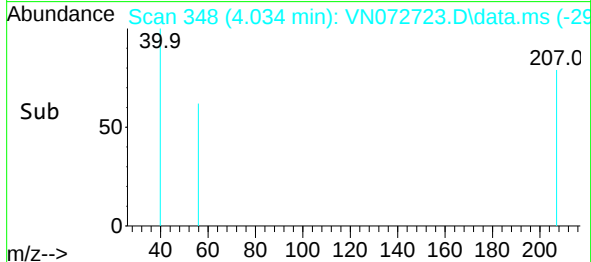
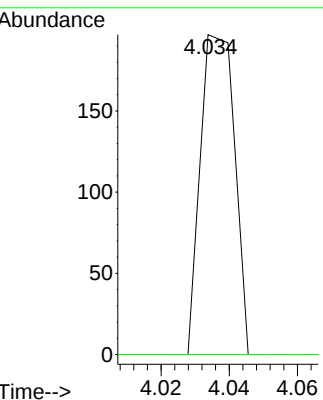
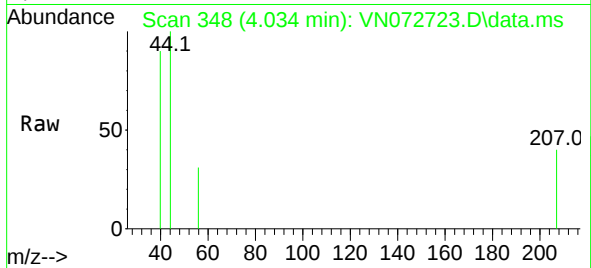




#13
Acrolein
Concen: 0.269 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

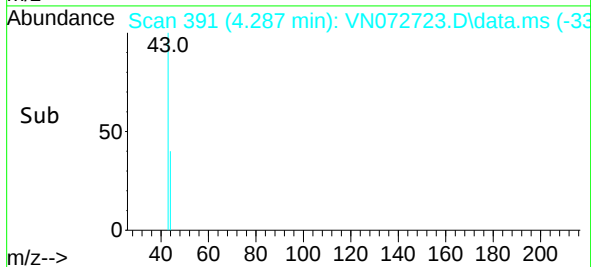
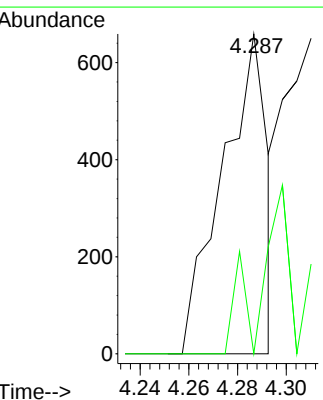
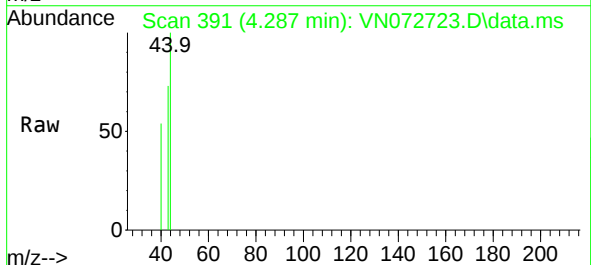
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

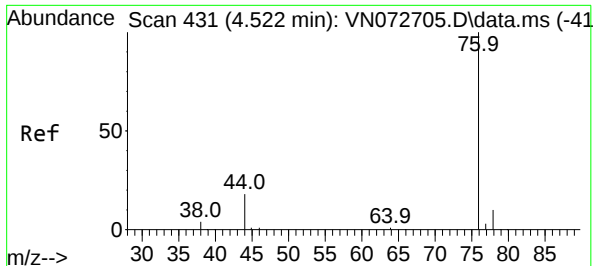
Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 0.339 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

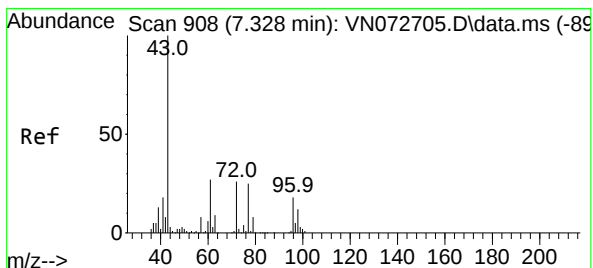
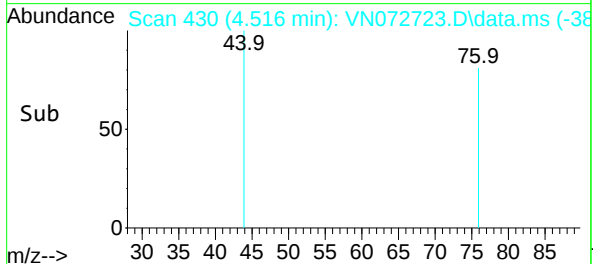
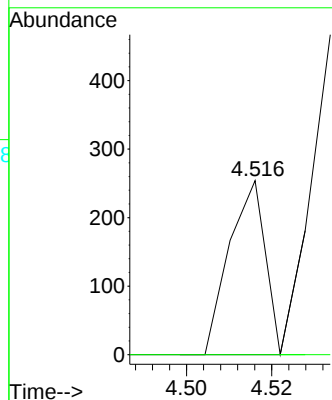
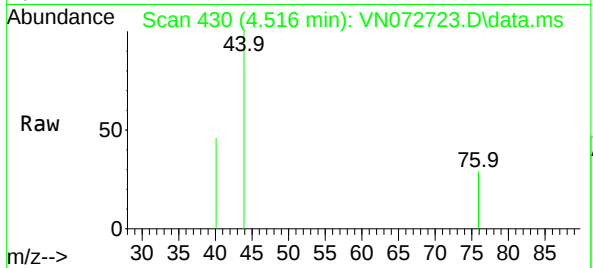




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 4.516 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

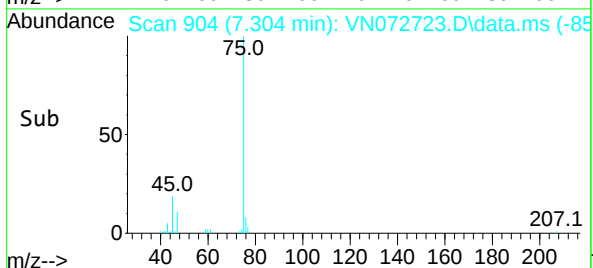
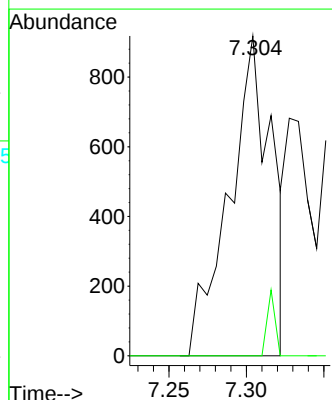
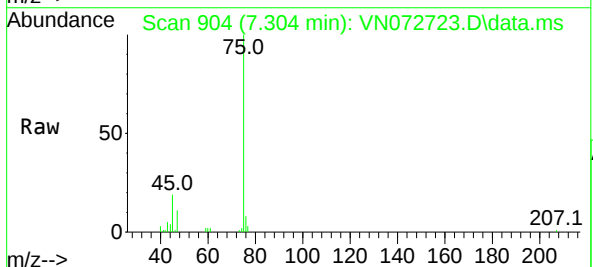
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

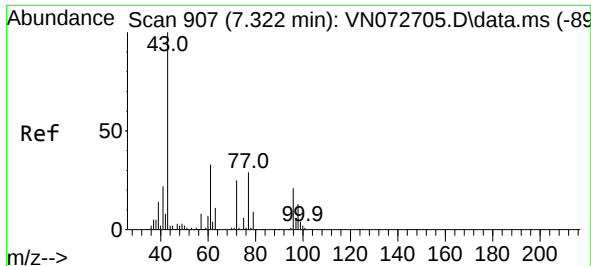
Tgt Ion: 76 Resp: 149
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.434 ug/l
RT: 7.304 min Scan# 904
Delta R.T. -0.024 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

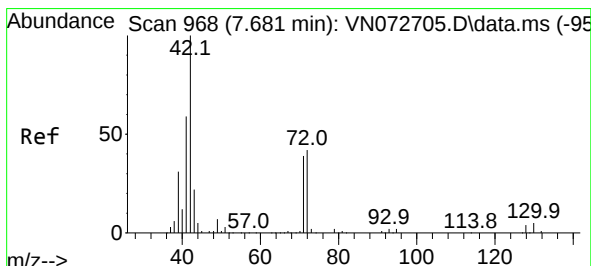
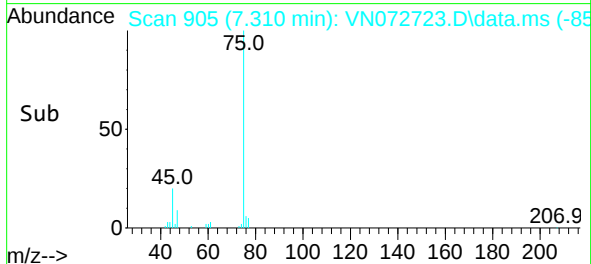
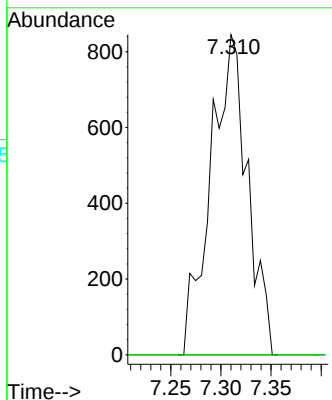
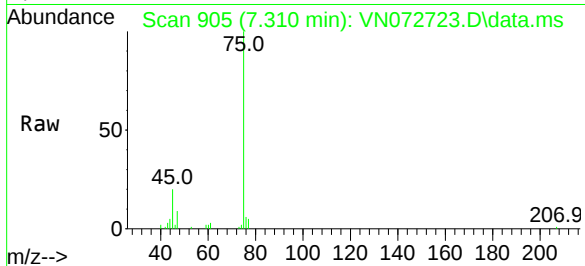




#26
2,2-Dichloropropane
Concen: 0.353 ug/l
RT: 7.310 min Scan# 907
Delta R.T. -0.012 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

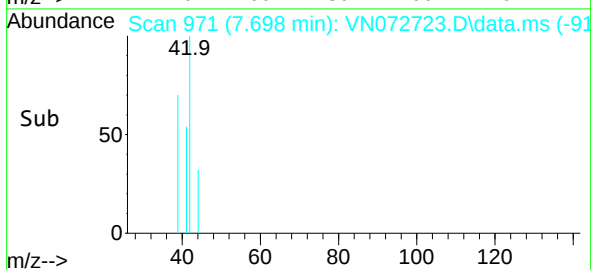
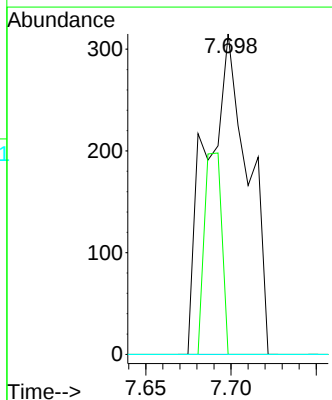
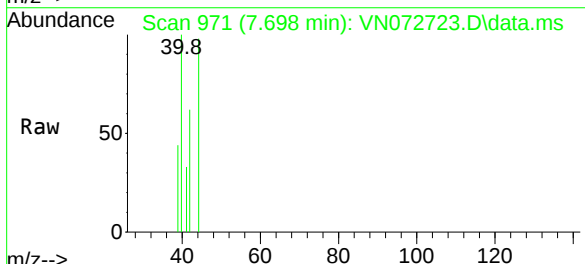
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

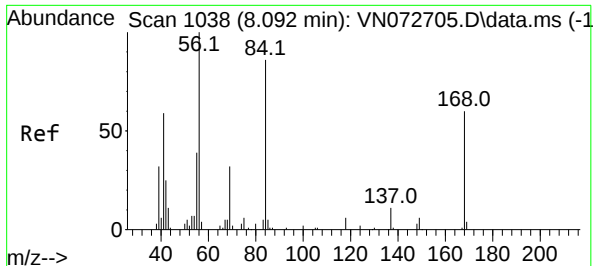
Tgt Ion: 77 Resp: 2158
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.017 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 42 Resp: 534
Ion Ratio Lower Upper
42 100
72 26.0 39.7 59.5#
71 0.0 36.6 55.0#

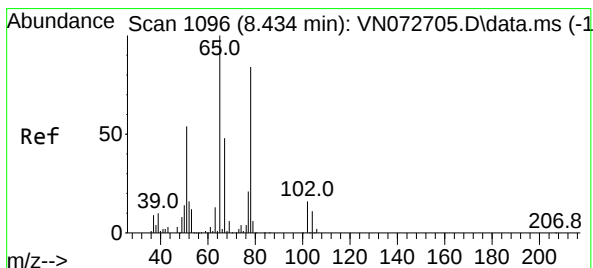
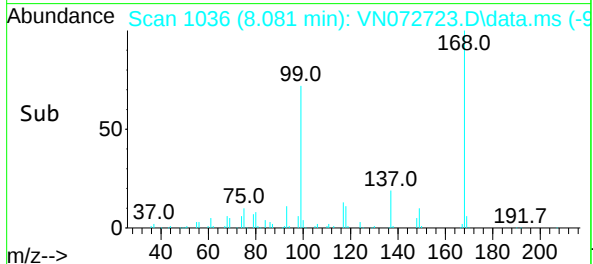
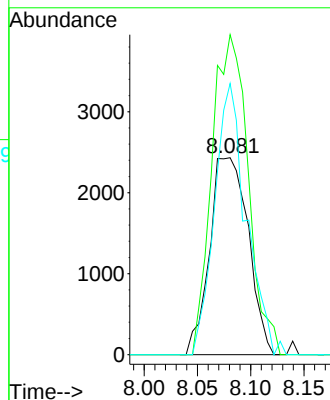
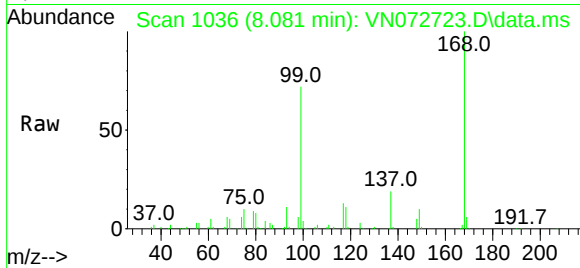




#31
Cyclohexane
Concen: 0.414 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

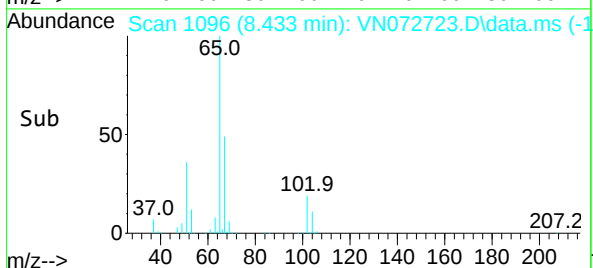
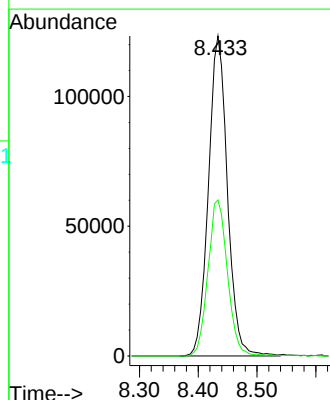
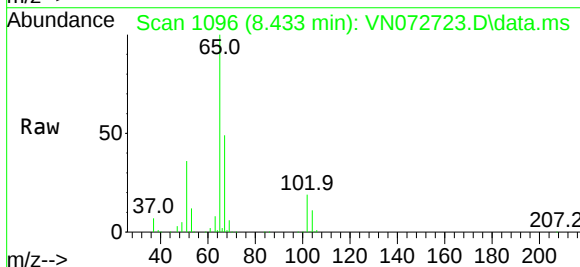
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

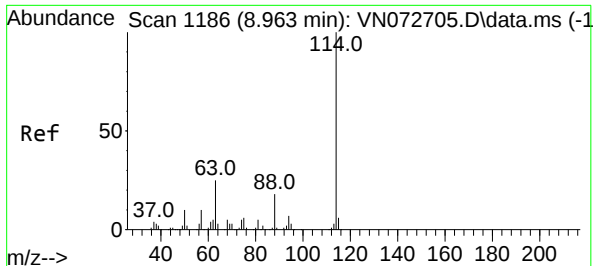
Tgt Ion: 56 Resp: 6133
Ion Ratio Lower Upper
56 100
69 162.4 27.8 41.8#
84 137.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.346 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 65 Resp: 276160
Ion Ratio Lower Upper
65 100
67 50.0 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: VN072723.D

Acq: 09 Jun 2022 11:13

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBL02

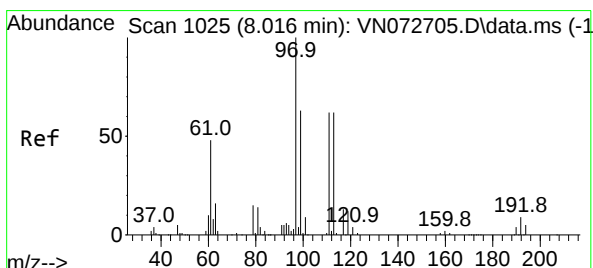
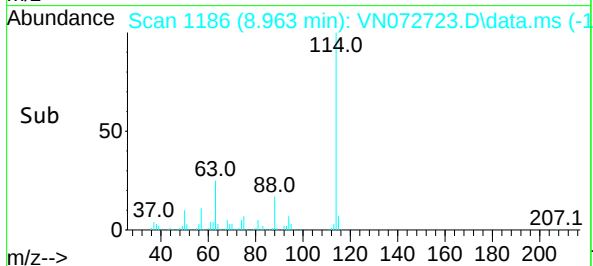
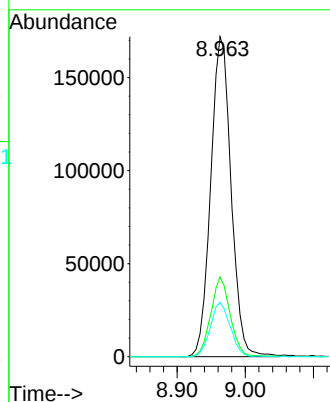
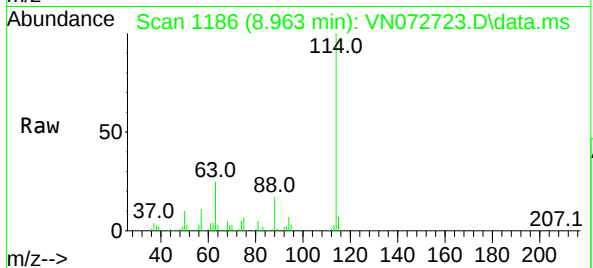
Tgt Ion:114 Resp: 357849

Ion Ratio Lower Upper

114 100

63 24.9 0.0 40.0

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.304 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072723.D

Acq: 09 Jun 2022 11:13

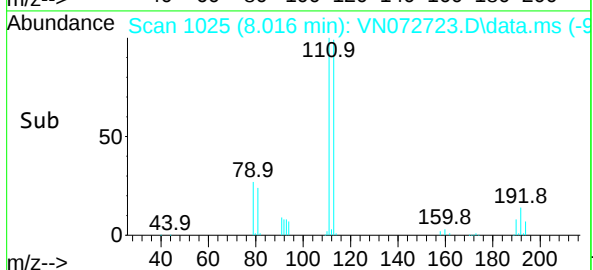
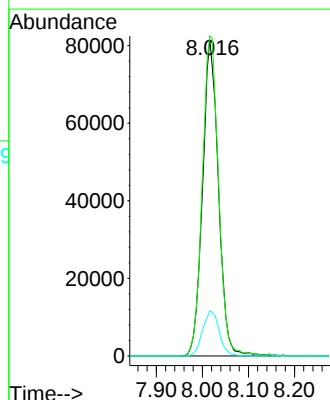
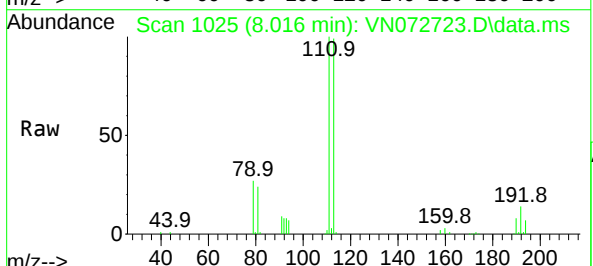
Tgt Ion:113 Resp: 195822

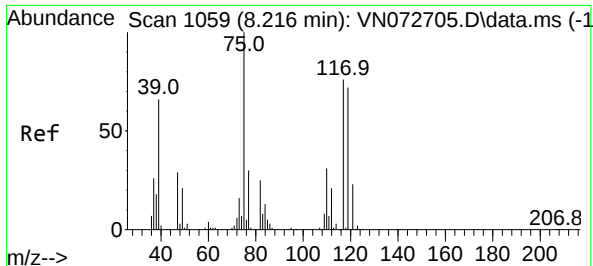
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 14.9 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.071 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072723.D

Acq: 09 Jun 2022 11:13

Instrument :

MSVOA_N

ClientSampleId :

VN0609WBL02

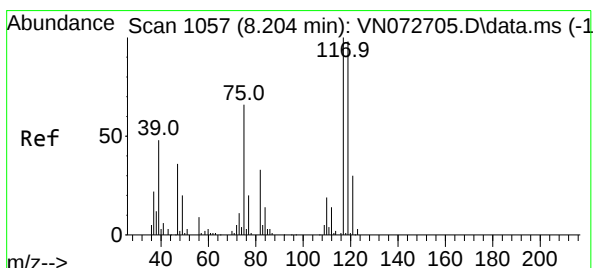
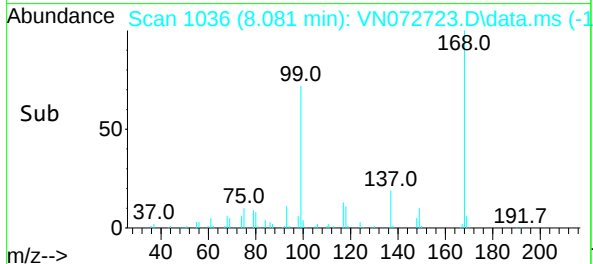
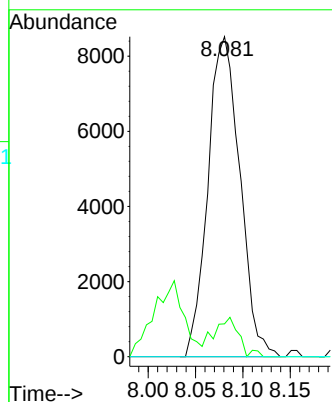
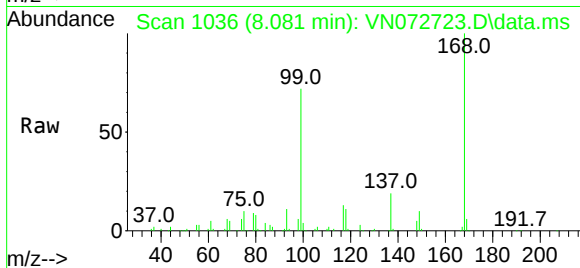
Tgt Ion: 75 Resp: 20011

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.478 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072723.D

Acq: 09 Jun 2022 11:13

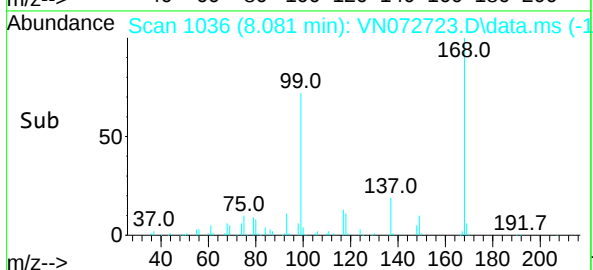
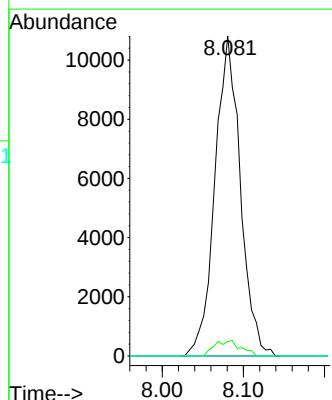
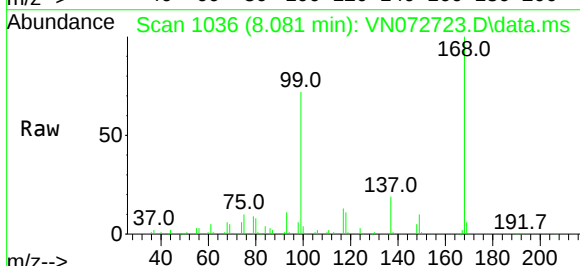
Tgt Ion: 117 Resp: 23521

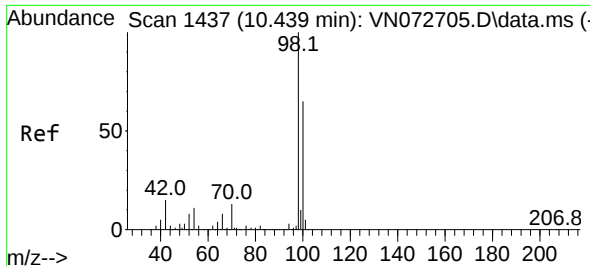
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

121 0.0 24.6 37.0#

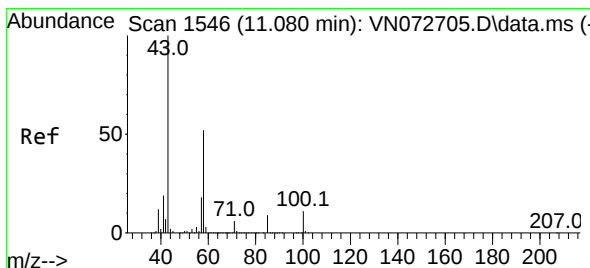
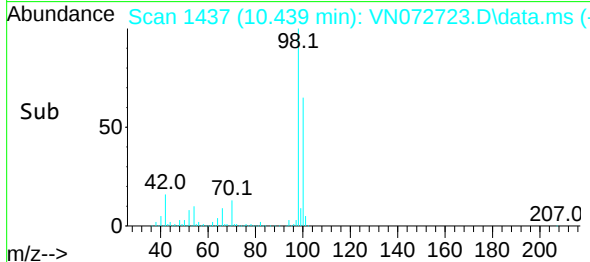
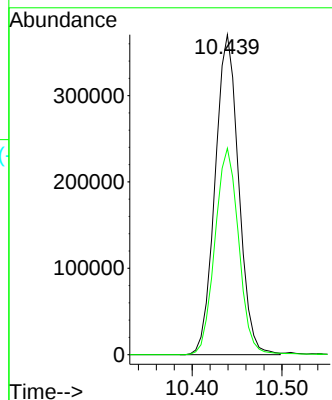
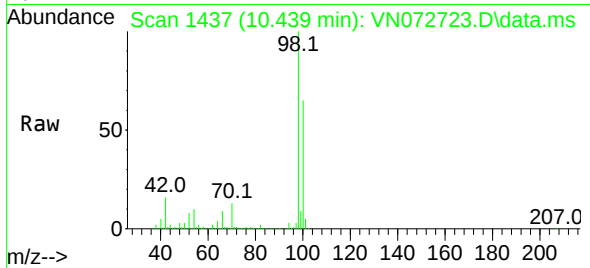




#50
Toluene-d8
Concen: 47.827 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

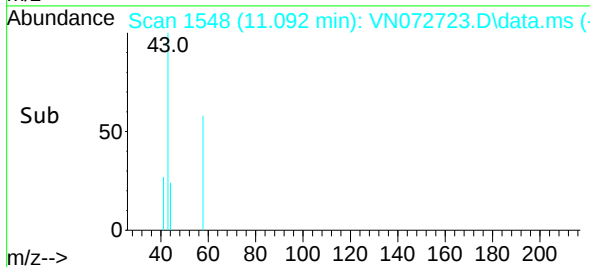
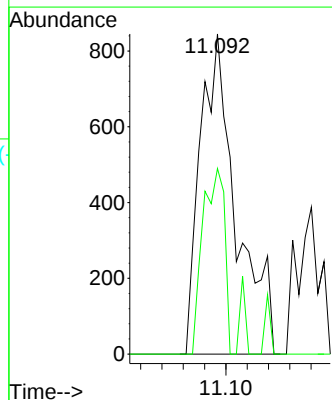
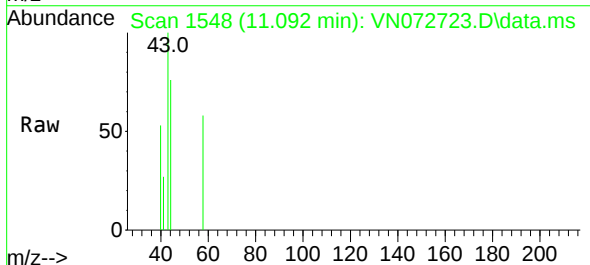
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

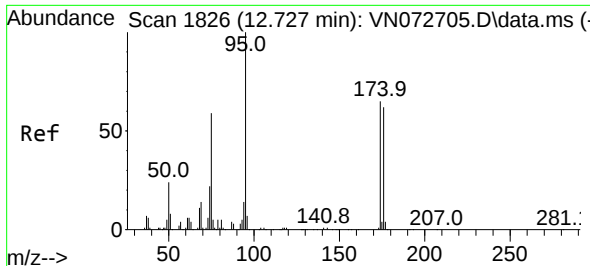
Tgt Ion: 98 Resp: 675670
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#59
2-Hexanone
Concen: 0.348 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 35.1 29.7 89.1

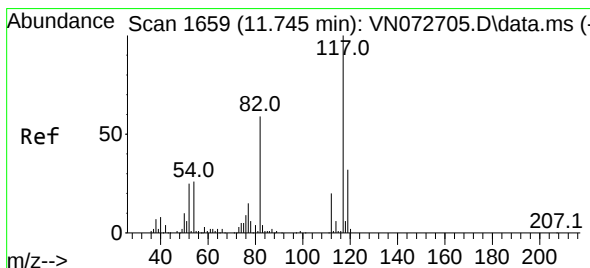
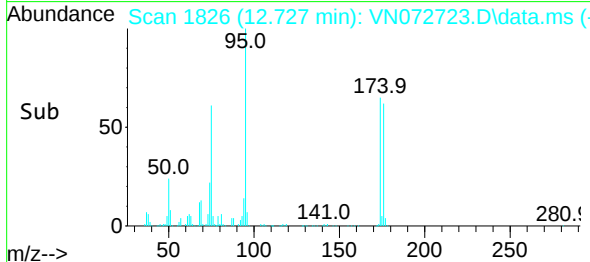
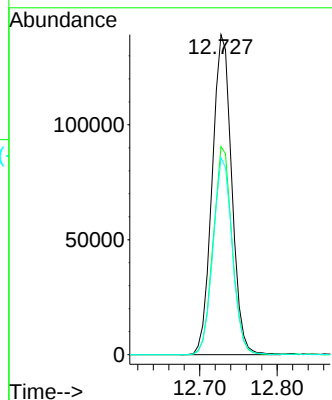
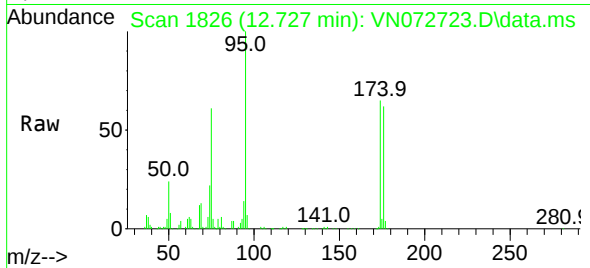




#62
4-Bromofluorobenzene
Concen: 50.372 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

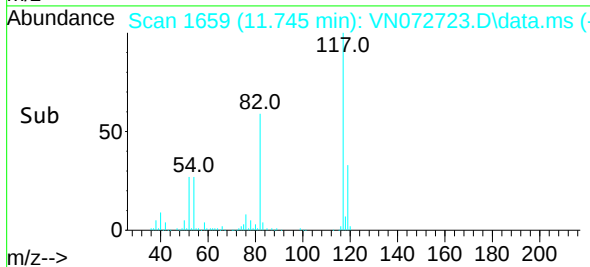
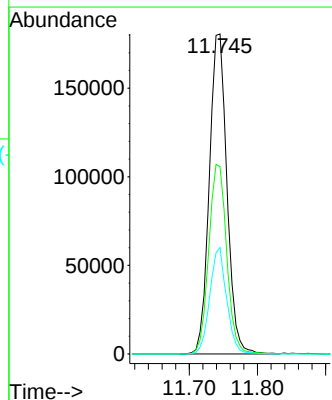
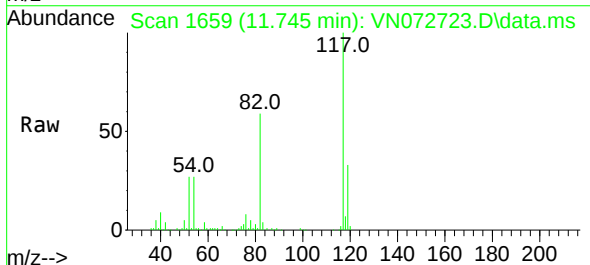
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

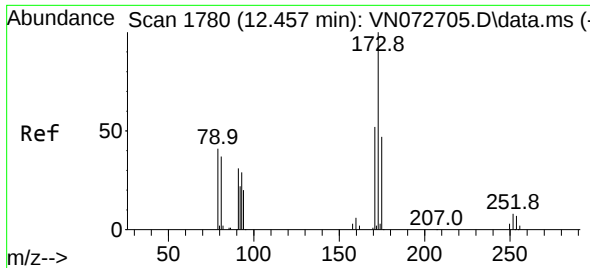
Tgt Ion: 95 Resp: 244189
Ion Ratio Lower Upper
95 100
174 63.0 0.0 167.6
176 60.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 117 Resp: 325378
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 33.2 25.4 38.0

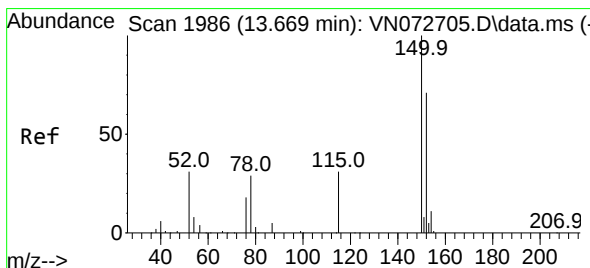
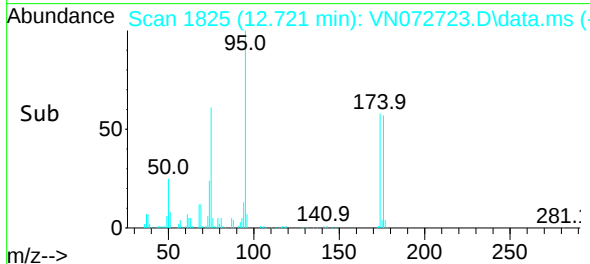
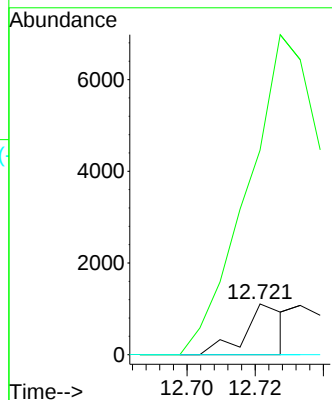
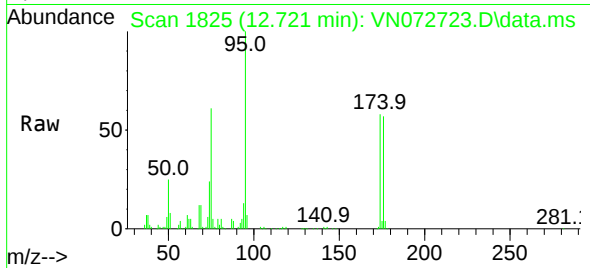




#71
Bromoform
Concen: 0.368 ug/l
RT: 12.721 min Scan# 11
Delta R.T. 0.264 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

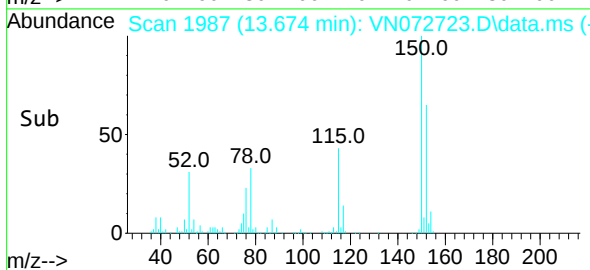
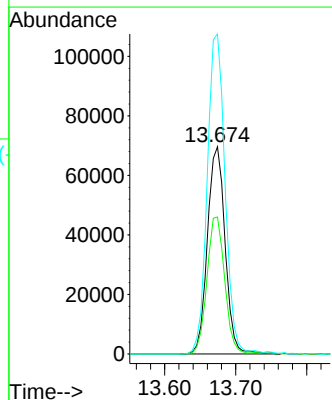
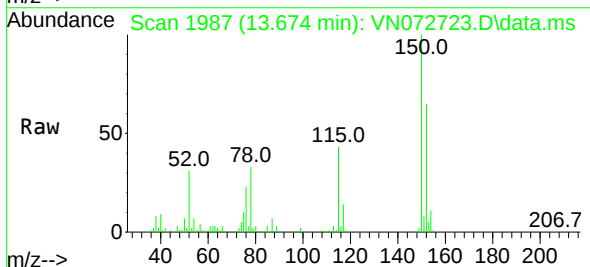
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

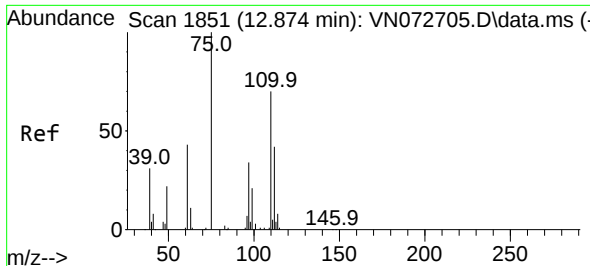
Tgt Ion:173 Resp: 893
Ion Ratio Lower Upper
173 100
175 917.7 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion:152 Resp: 120555
Ion Ratio Lower Upper
152 100
115 66.2 28.9 86.7
150 155.4 0.0 356.2

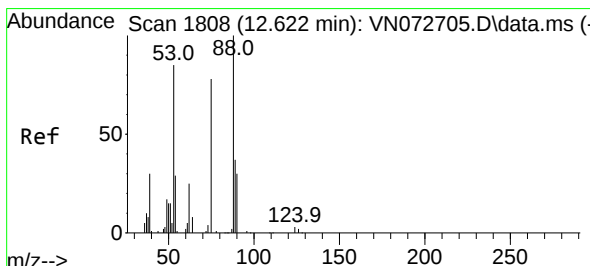
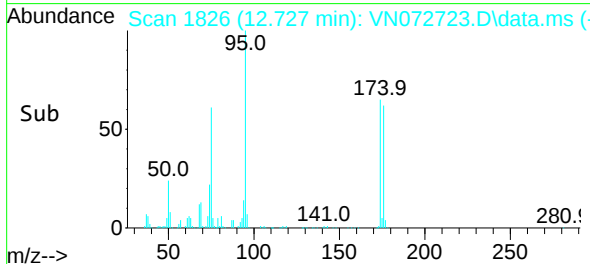
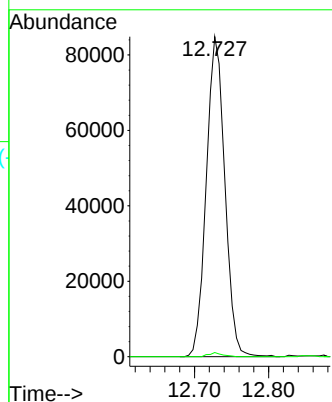
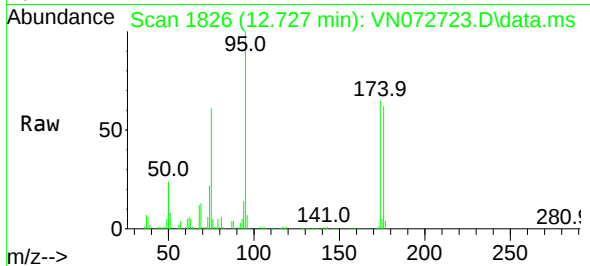




#76
1,2,3-Trichloropropane
Concen: 37.899 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

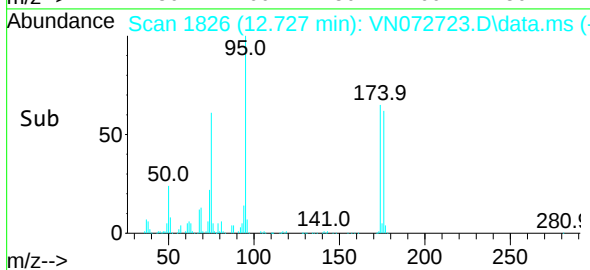
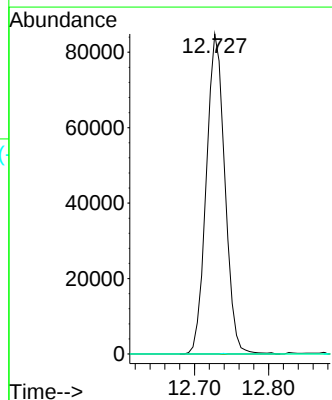
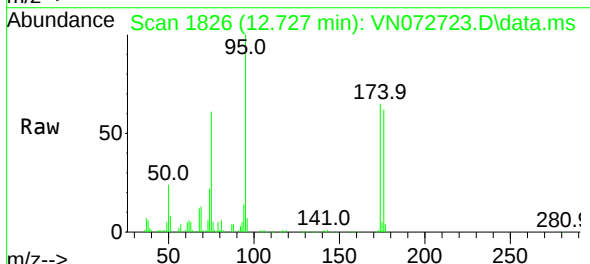
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

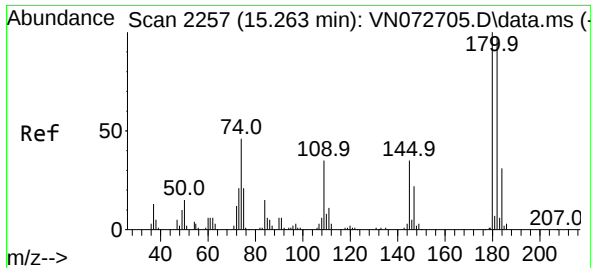
Tgt Ion: 75 Resp: 147435
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.115 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion: 75 Resp: 147435
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

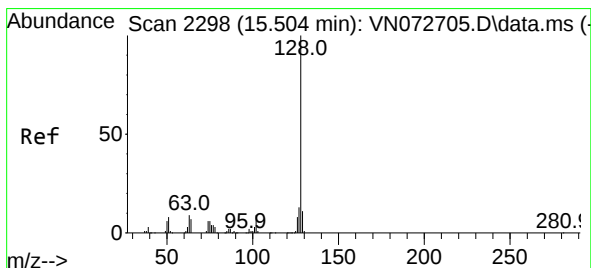
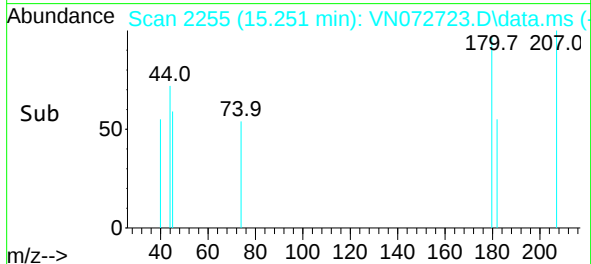
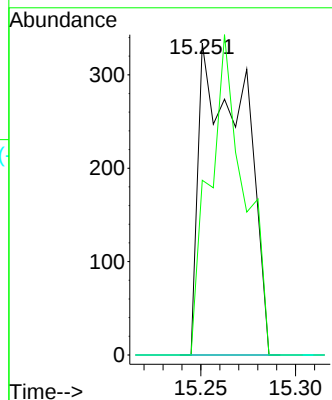
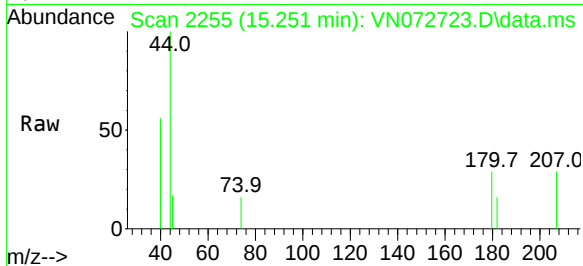




#93
1,2,4-Trichlorobenzene
Concen: 0.270 ug/l
RT: 15.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL02

Tgt Ion:180 Resp: 551
Ion Ratio Lower Upper
180 100
182 79.9 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 0.344 ug/l
RT: 15.515 min Scan# 2300
Delta R.T. 0.011 min
Lab File: VN072723.D
Acq: 09 Jun 2022 11:13

Tgt Ion:128 Resp: 2728
Ion Ratio Lower Upper
128 100
127 4.9 10.3 15.5#
129 2.9 8.6 13.0#

