

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072551.D
 Acq On : 19 May 2022 13:18
 Operator : JC\MD
 Sample : VN0519WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBL01

Quant Time: May 20 06:51:06 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

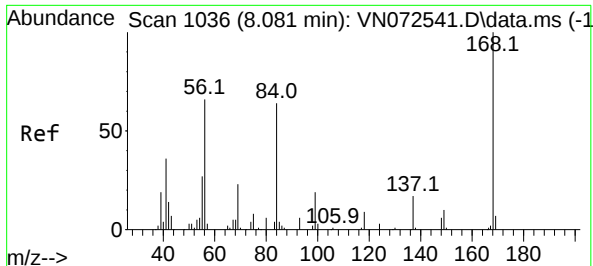
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	297777	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	452075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	395133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	150127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	251088	54.270	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.540%	
35) Dibromofluoromethane	8.016	113	170944	56.042	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.080%	
50) Toluene-d8	10.439	98	613653	53.148	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.727	95	195757	44.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.846	94	780	0.330	ug/l	# 67
6) Chloroethane	2.910	64	84	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	2502	5.912	ug/l	# 72
16) Acetone	4.304	43	1051	0.749	ug/l	# 85
18) Methyl Acetate	4.851	43	128	0.312	ug/l	# 48
20) Methylene Chloride	5.098	84	1176	0.353	ug/l	# 62
25) 2-Butanone	7.334	43	1021	0.463	ug/l	# 45
31) Cyclohexane	8.075	56	6470	1.258	ug/l	# 29
36) 1,1-Dichloropropene	8.081	75	24389	5.873	ug/l	# 51
38) Carbon Tetrachloride	8.086	117	32430	6.310	ug/l	# 15
71) Bromoform	12.721	173	1053	0.421	ug/l	# 28
76) 1,2,3-Trichloropropane	12.727	75	111363	24.556	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	111363	102.370	ug/l	# 10

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

Quant Time: May 20 06:51:06 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

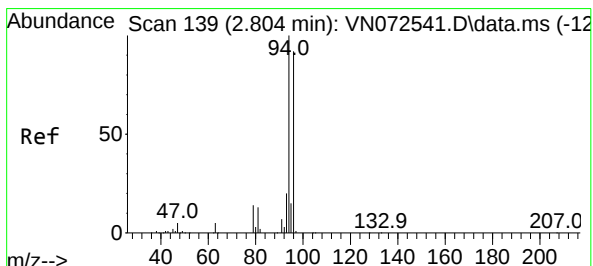
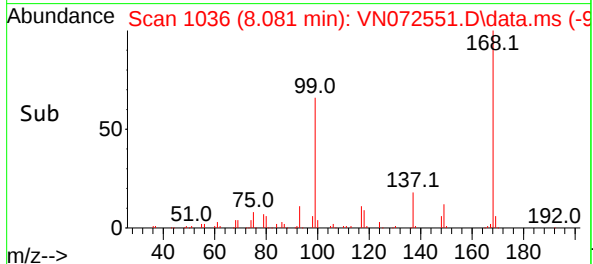
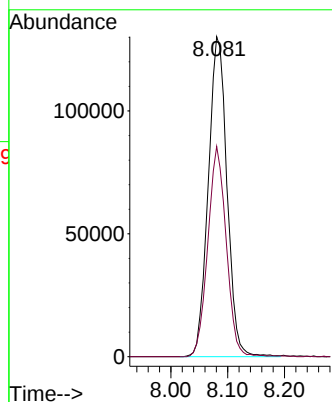
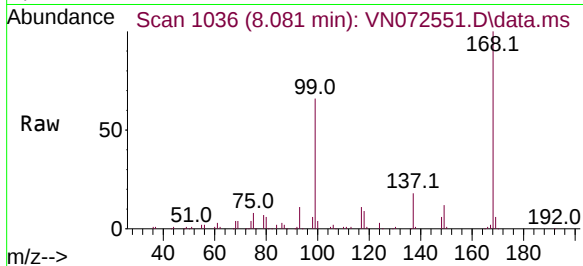




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

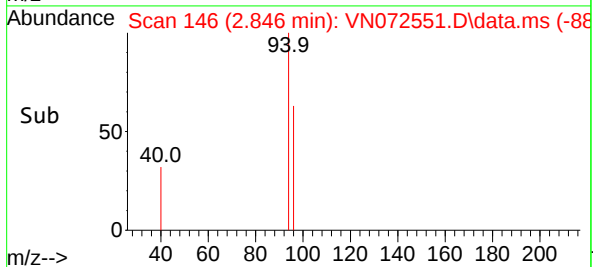
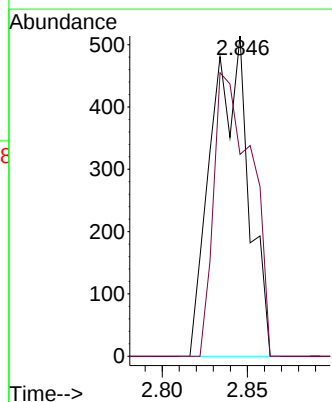
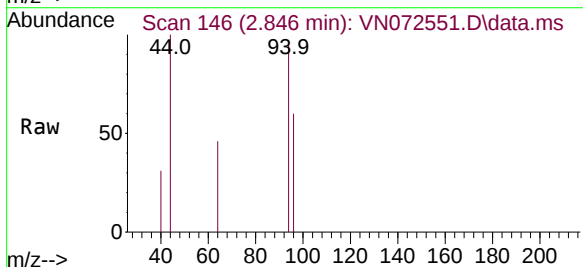
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

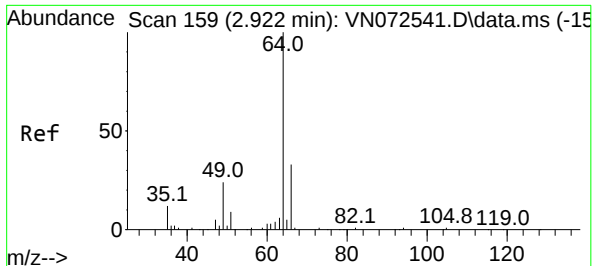
Tgt Ion:168 Resp: 297777
Ion Ratio Lower Upper
168 100
99 65.7 42.3 63.5#



#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.846 min Scan# 146
Delta R.T. 0.042 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Tgt Ion: 94 Resp: 780
Ion Ratio Lower Upper
94 100
96 63.0 76.0 114.0#

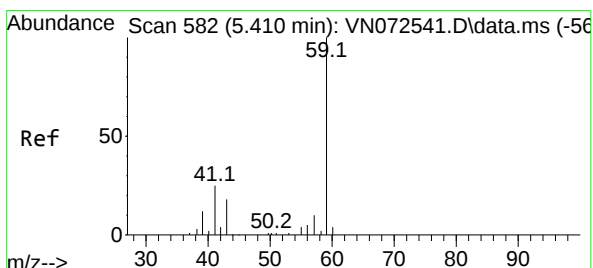
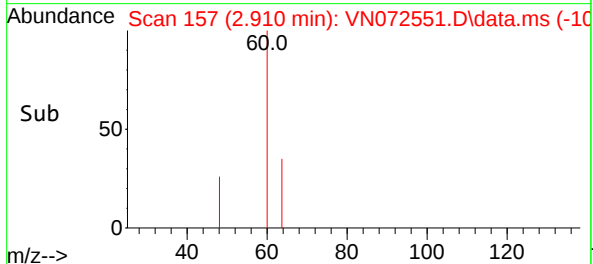
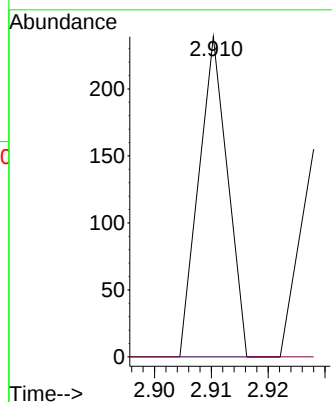
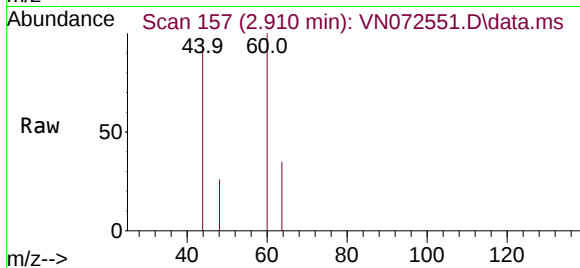




#6
Chloroethane
Concen: Below Cal
RT: 2.910 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

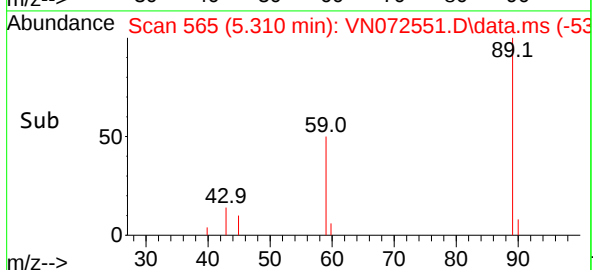
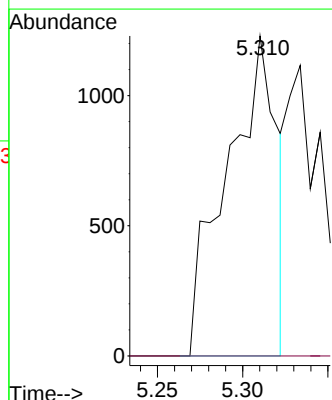
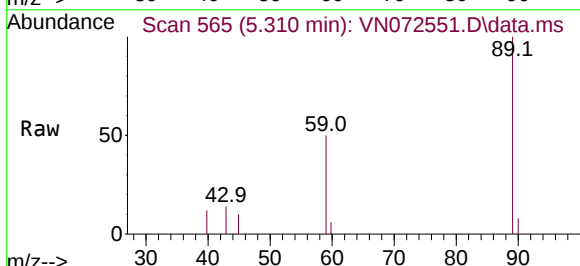
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

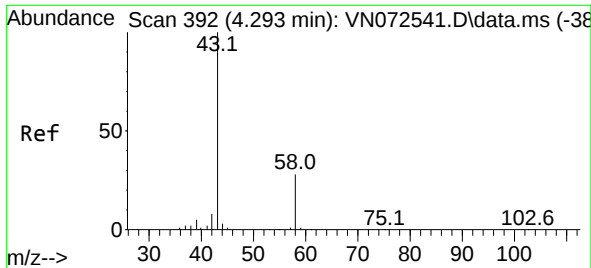
Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.912 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.100 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Tgt Ion: 59 Resp: 2502
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.749 ug/l

RT: 4.304 min Scan# 394

Delta R.T. 0.011 min

Lab File: VN072551.D

Acq: 19 May 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

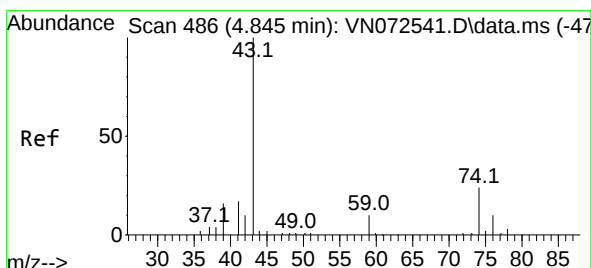
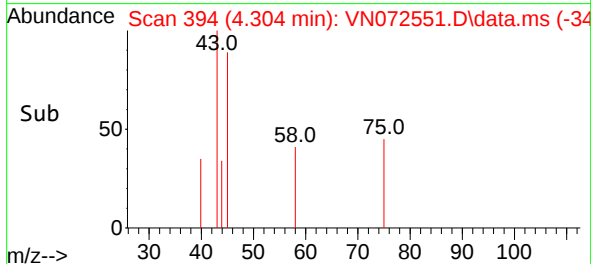
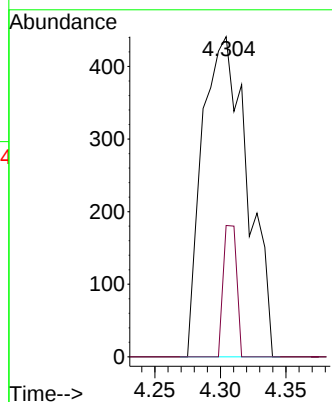
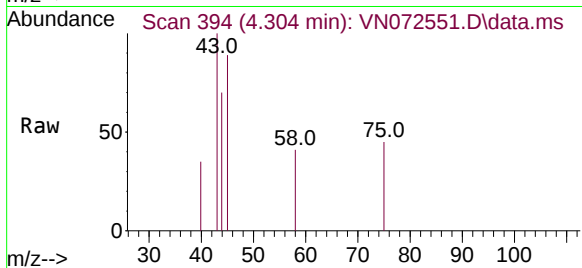
VN0519WBL01

Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

43 100

58 41.0 26.0 39.0#



#18

Methyl Acetate

Concen: 0.312 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN072551.D

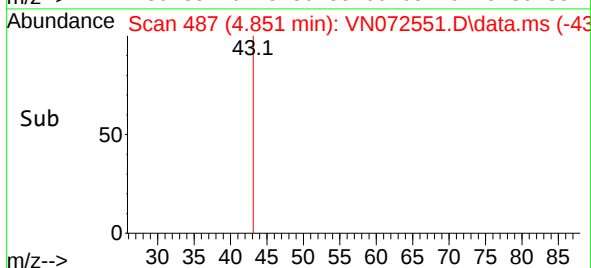
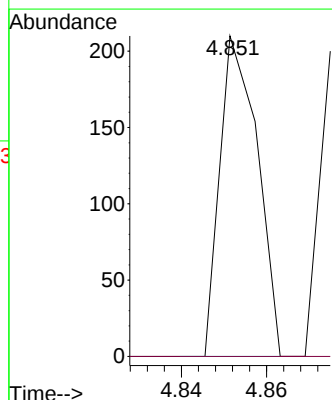
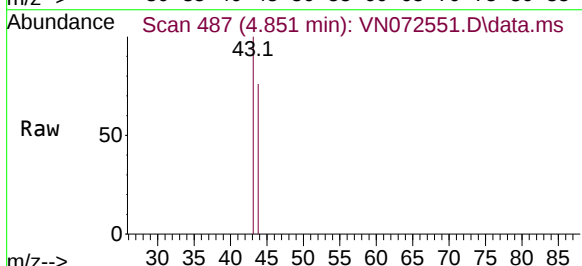
Acq: 19 May 2022 13:18

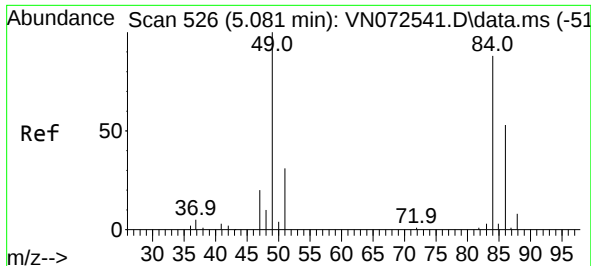
Tgt Ion: 43 Resp: 128

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



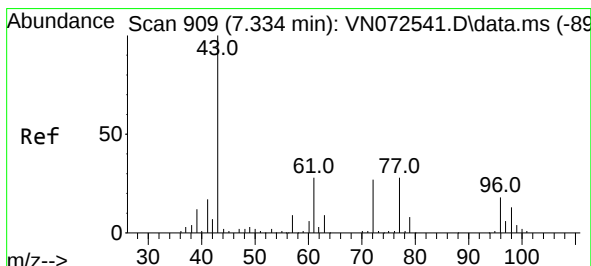
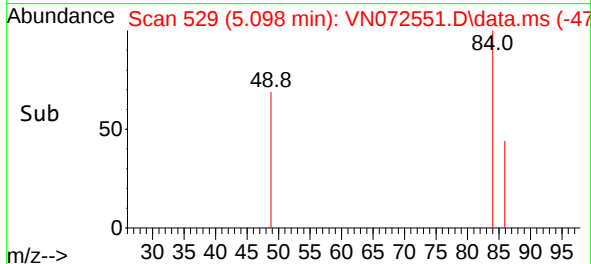
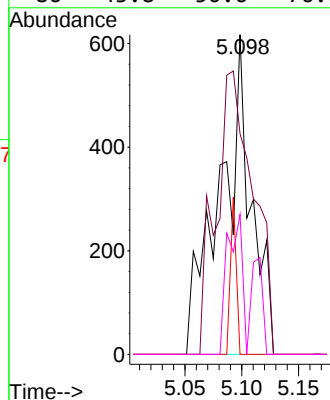
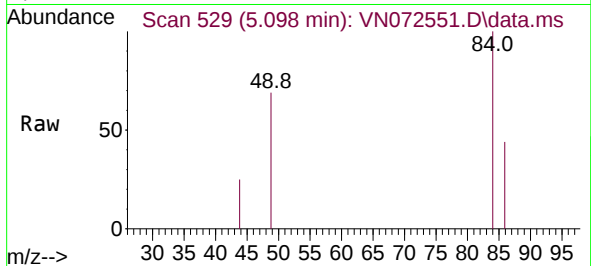


#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

Tgt Ion: 84 Resp: 1176

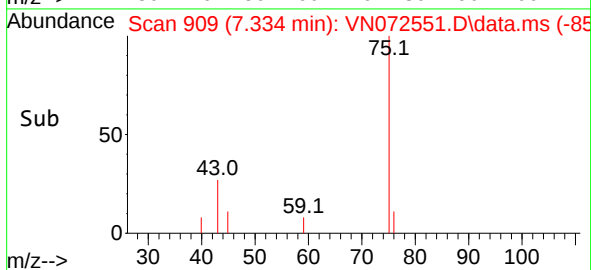
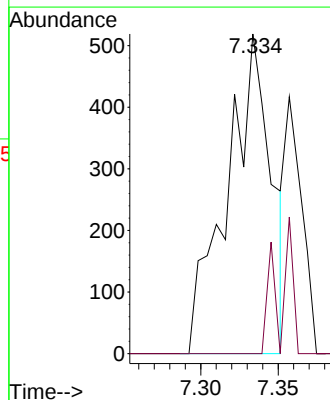
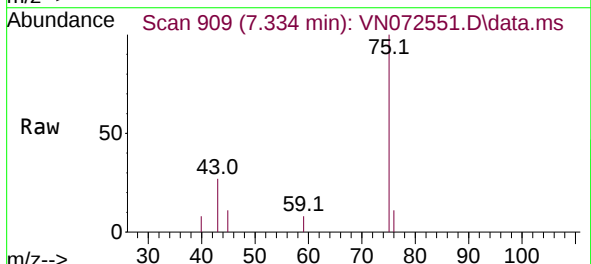
Ion	Ratio	Lower	Upper
84	100		
49	69.0	88.3	132.5#
51	0.0	28.2	42.2#
86	43.8	50.6	76.0#

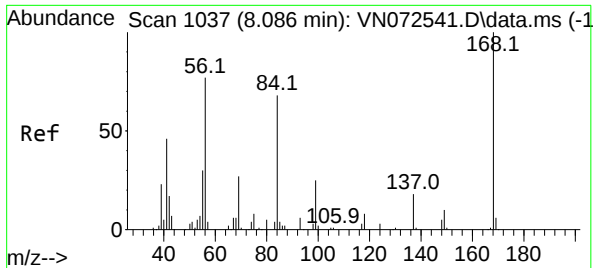


#25
2-Butanone
Concen: 0.463 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Tgt Ion: 43 Resp: 1021

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

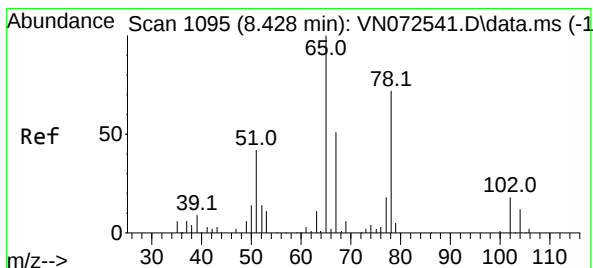
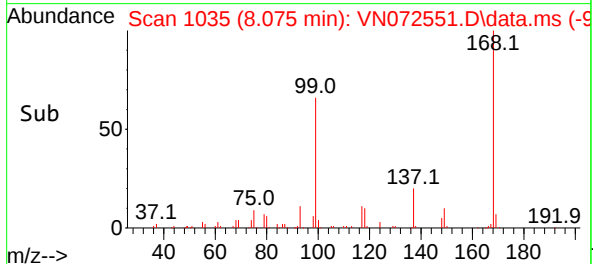
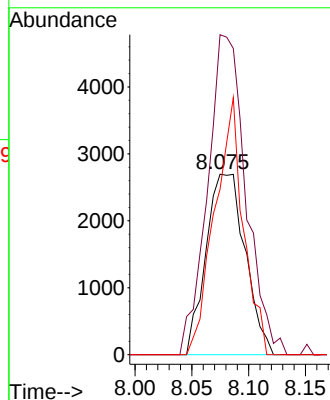
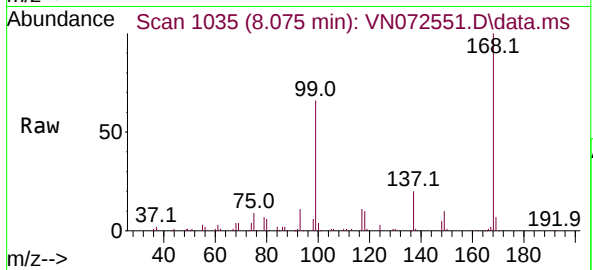




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.011 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

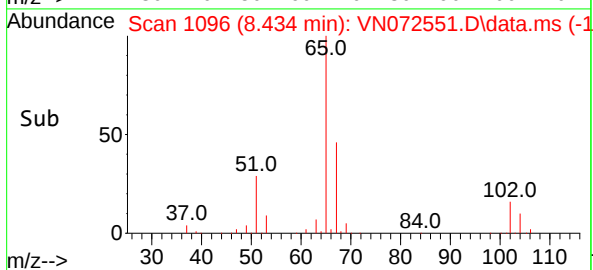
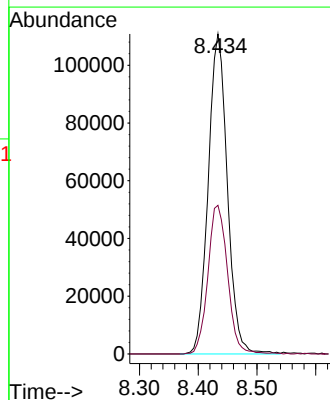
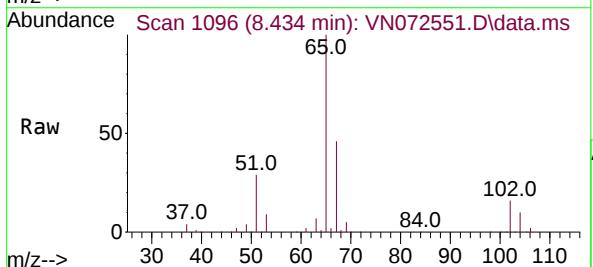
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

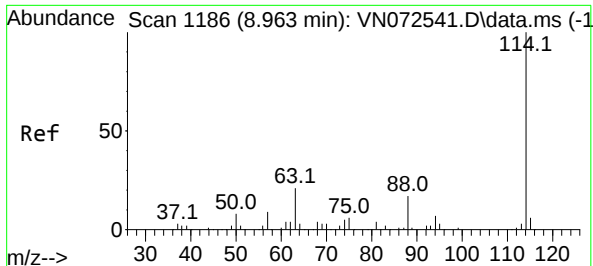
Tgt Ion: 56 Resp: 6470
Ion Ratio Lower Upper
56 100
69 177.3 27.8 41.8#
84 103.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 54.270 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Tgt Ion: 65 Resp: 251088
Ion Ratio Lower Upper
65 100
67 47.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072551.D

Acq: 19 May 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBL01

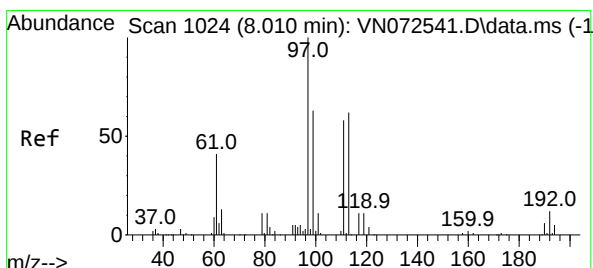
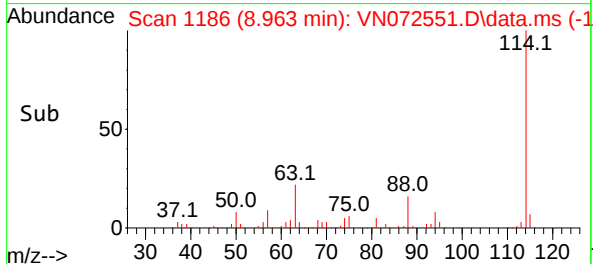
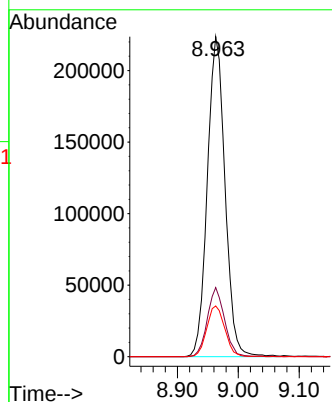
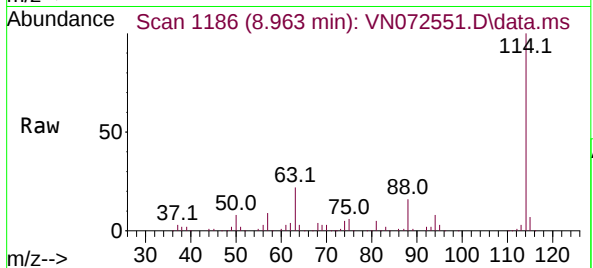
Tgt Ion:114 Resp: 452075

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.042 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072551.D

Acq: 19 May 2022 13:18

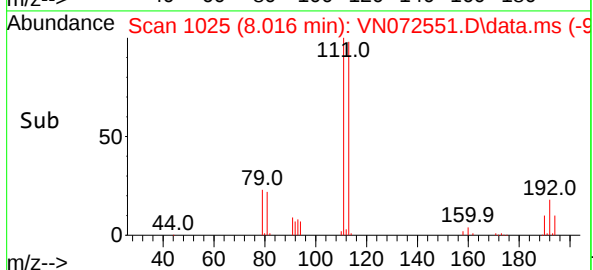
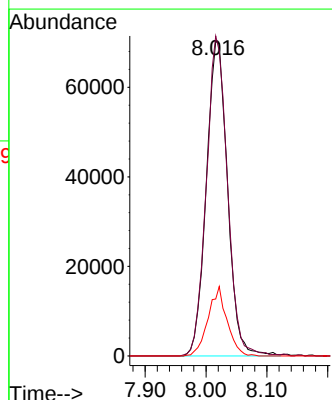
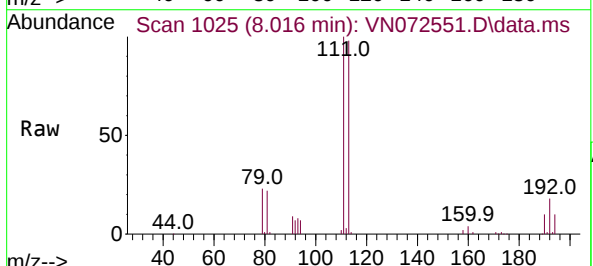
Tgt Ion:113 Resp: 170944

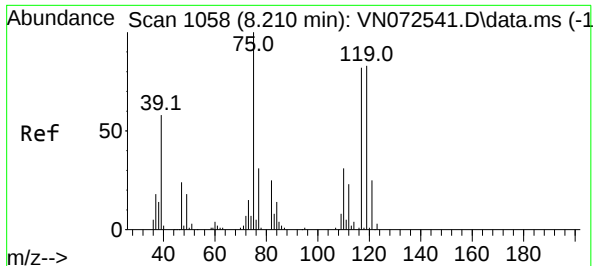
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 19.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.873 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.129 min

Lab File: VN072551.D

Acq: 19 May 2022 13:18

Instrument :

MSVOA_N

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VN0519WBL01

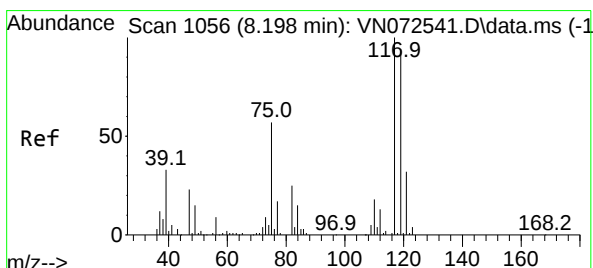
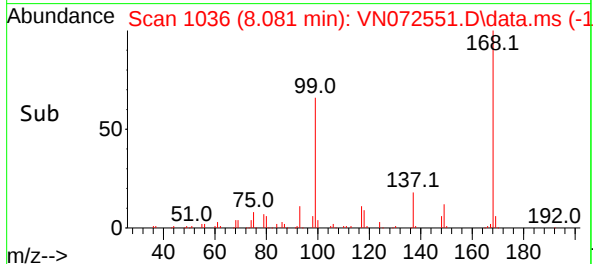
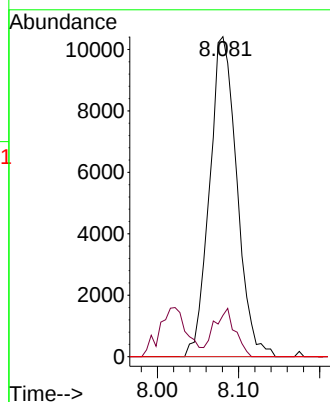
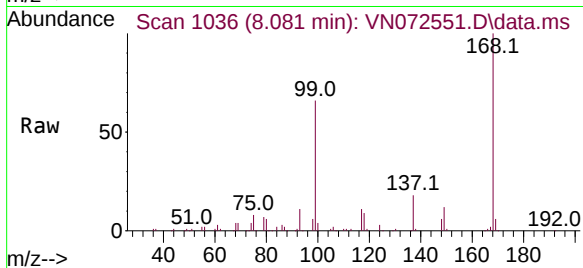
Tgt Ion: 75 Resp: 24389

Ion Ratio Lower Upper

75 100

110 11.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.310 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.112 min

Lab File: VN072551.D

Acq: 19 May 2022 13:18

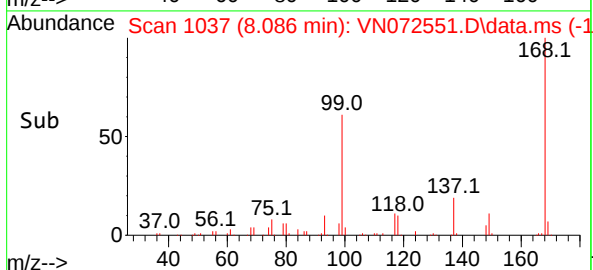
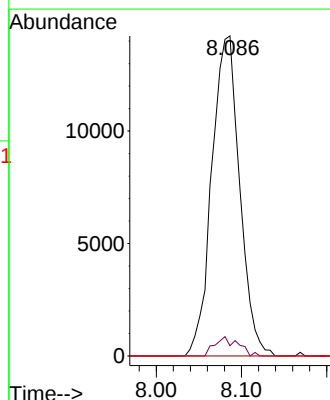
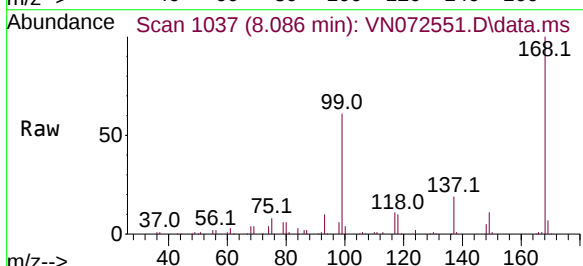
Tgt Ion: 117 Resp: 32430

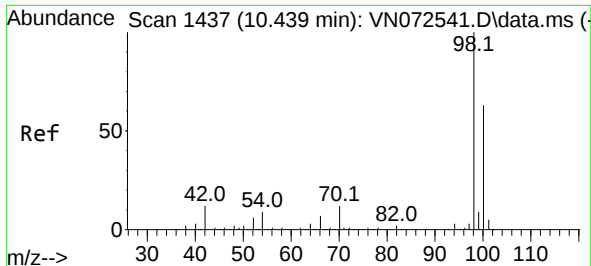
Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.8#

121 0.0 24.6 37.0#

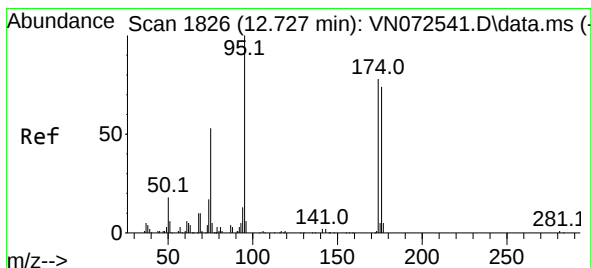
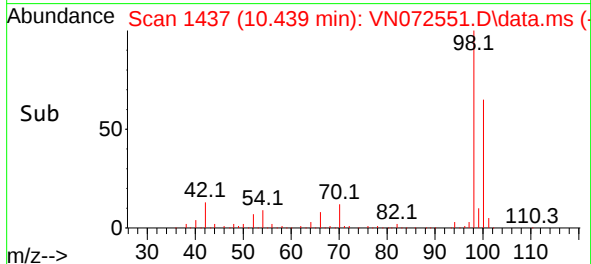
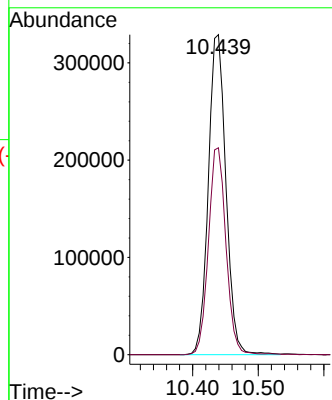
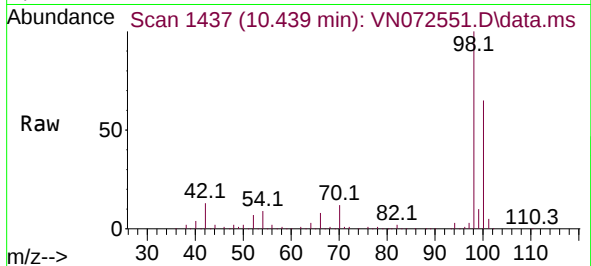




#50
Toluene-d8
Concen: 53.148 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

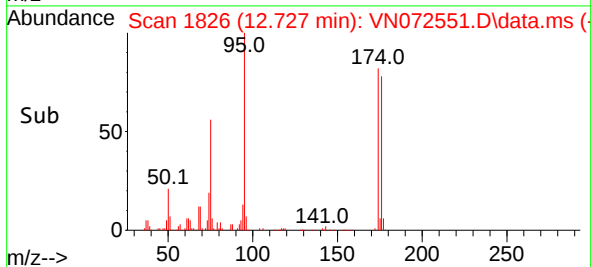
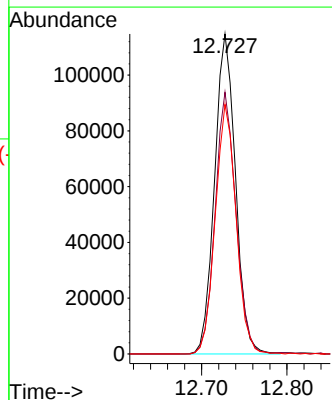
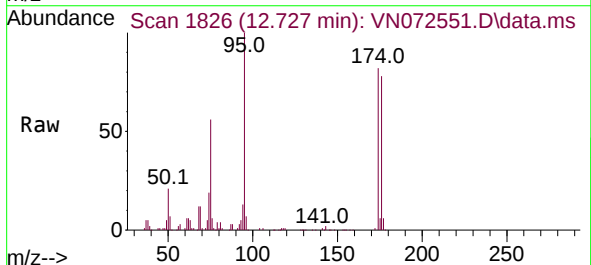
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

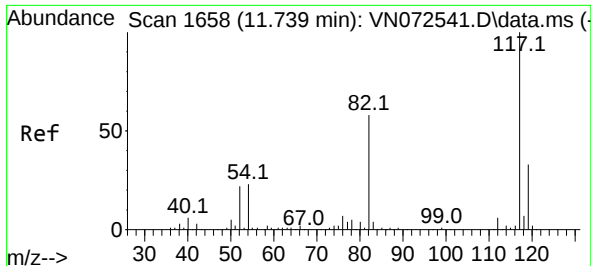
Tgt Ion: 98 Resp: 613653
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.634 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Tgt Ion: 95 Resp: 195757
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 77.6 0.0 163.4

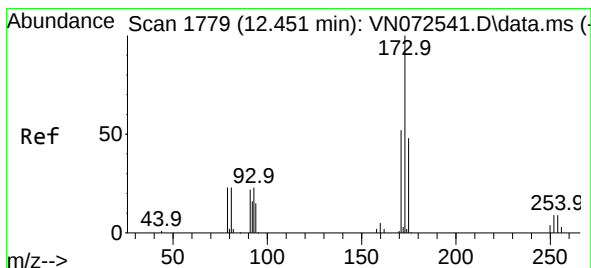
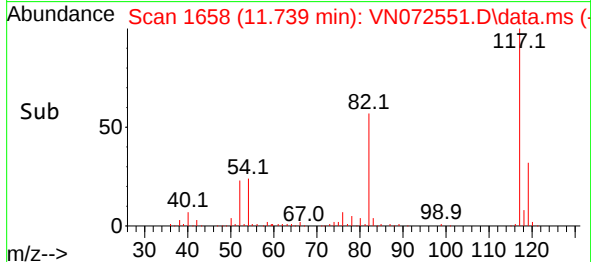
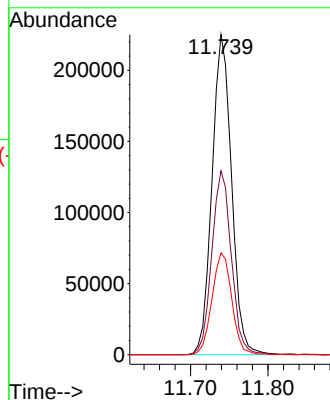
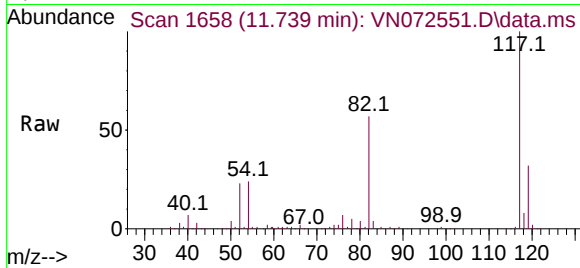




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

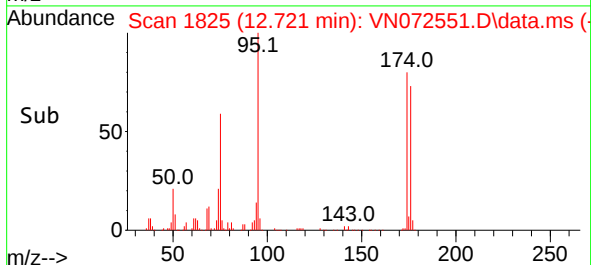
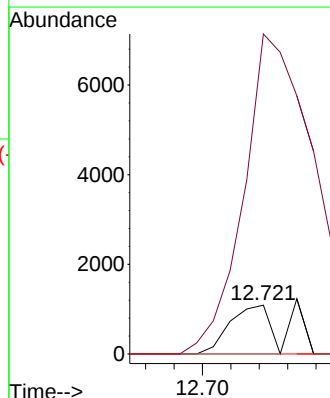
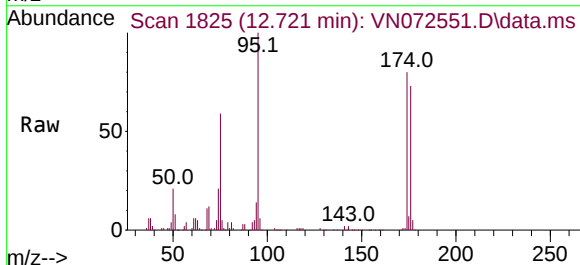
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

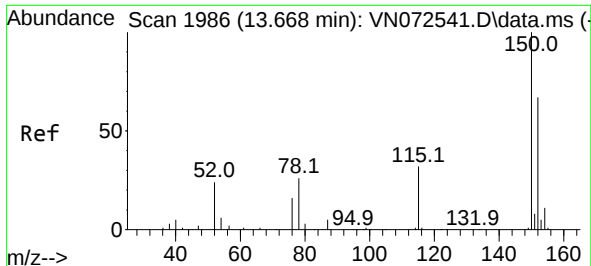
Tgt Ion:117 Resp: 395133
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.8 25.4 38.0



#71
Bromoform
Concen: 0.421 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072551.D
Acq: 19 May 2022 13:18

Tgt Ion:173 Resp: 1053
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

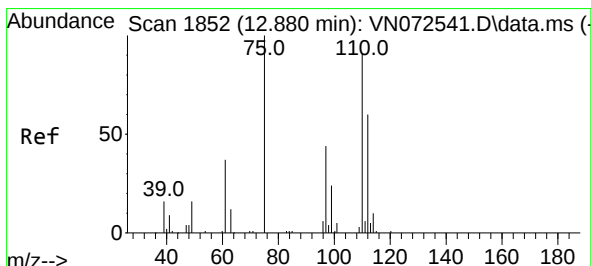
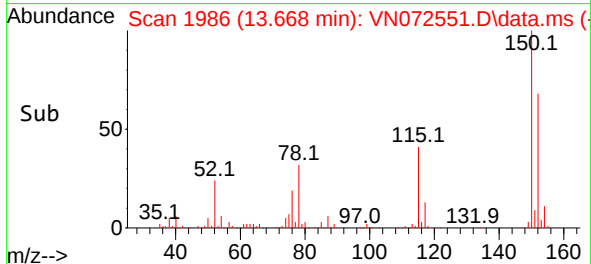
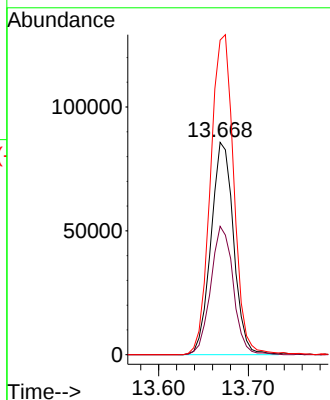
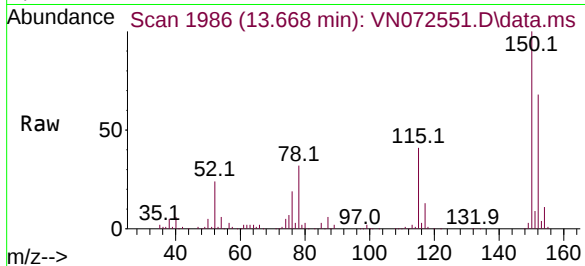




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN072551.D
 Acq: 19 May 2022 13:18

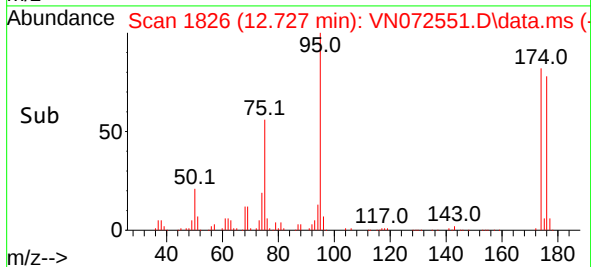
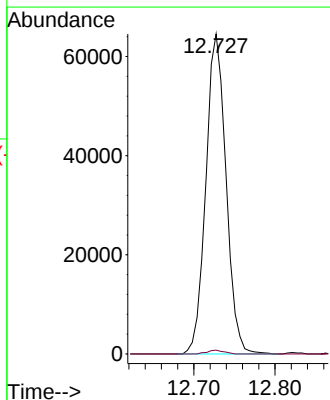
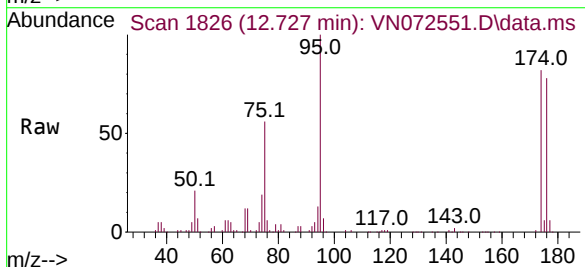
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBL01

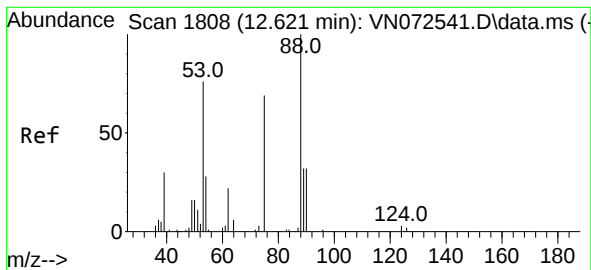
Tgt Ion:152 Resp: 150127
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.7
 150 155.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.556 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.153 min
 Lab File: VN072551.D
 Acq: 19 May 2022 13:18

Tgt Ion: 75 Resp: 111363
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.370 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072551.D
 Acq: 19 May 2022 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBL01

Tgt Ion: 75 Resp: 111363
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

