

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072313.D
 Acq On : 03 May 2022 18:57
 Operator : JC\MD
 Sample : N2672-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: May 04 05:14:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

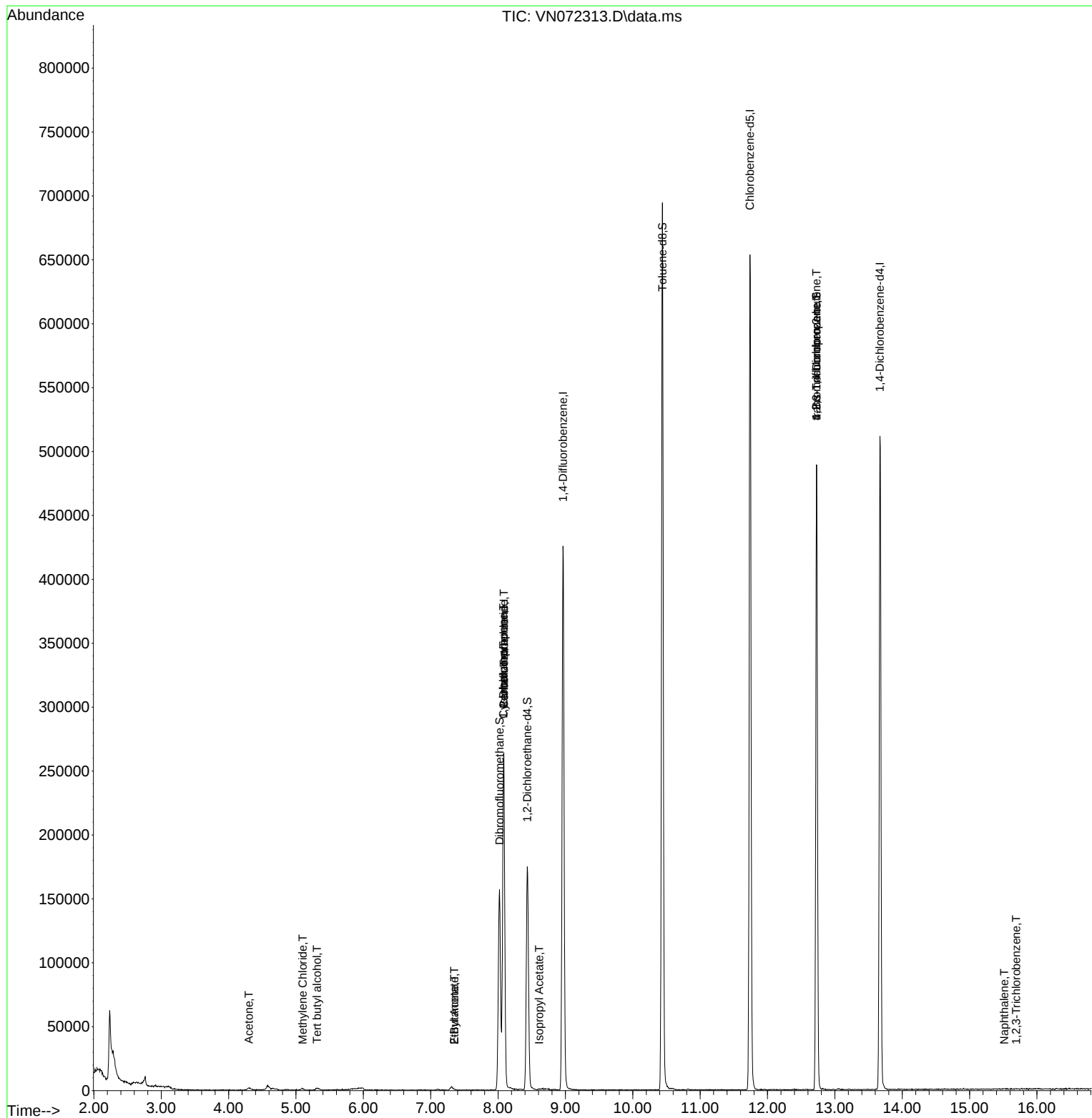
Internal Standards						
1) Pentafluorobenzene	8.086	168	181558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	352718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	376504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	137554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	149174	53.519	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.040%		
35) Dibromofluoromethane	8.022	113	114351	50.652	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.300%		
50) Toluene-d8	10.439	98	465425	52.466	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.940%		
62) 4-Bromofluorobenzene	12.727	95	170218	57.810	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 115.620%		
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	1791	Below Cal	#	72
5) Bromomethane	2.857	94	272	Below Cal	#	2
6) Chloroethane	3.010	64	557	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	818	1.786	ug/l #	72
16) Acetone	4.298	43	3151	2.622	ug/l #	82
20) Methylene Chloride	5.098	84	691	0.300	ug/l #	77
25) 2-Butanone	7.351	43	1052	0.550	ug/l #	45
31) Cyclohexane	8.081	56	4989	1.340	ug/l #	54
36) 1,1-Dichloropropene	8.081	75	16725	5.090	ug/l #	50
37) Ethyl Acetate	7.351	43	1052	0.241	ug/l #	67
38) Carbon Tetrachloride	8.086	117	21074	5.988	ug/l #	16
43) Isopropyl Acetate	8.610	43	304	0.845	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.733	83	79	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	94322	30.526	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	94322	79.286	ug/l #	11
95) Naphthalene	15.515	128	464	4.359	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.692	180	78	2.708	ug/l #	75

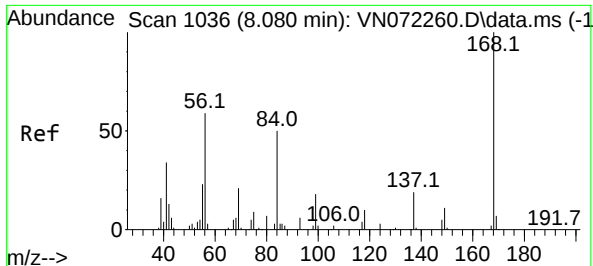
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 04 05:14:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
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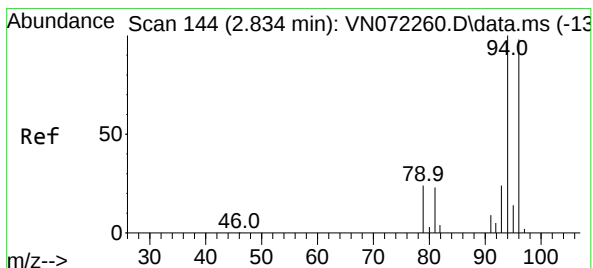
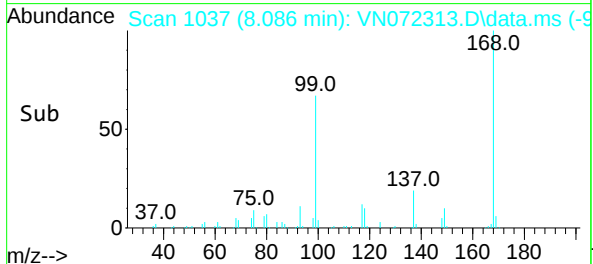
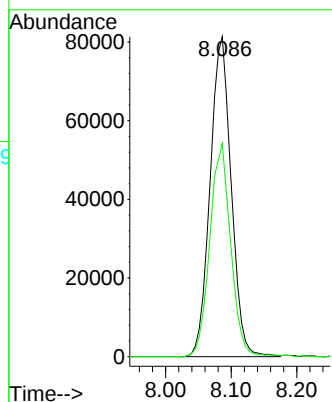
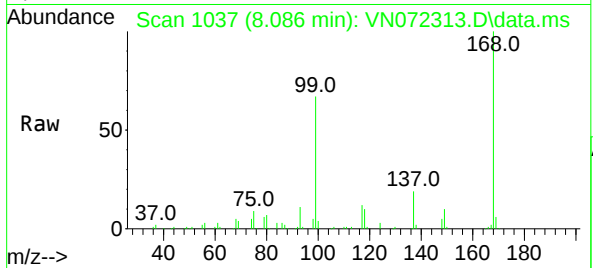




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

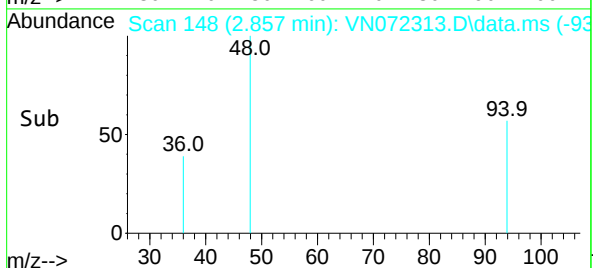
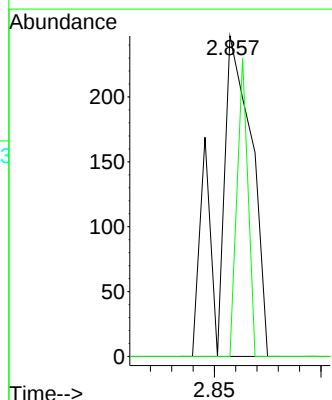
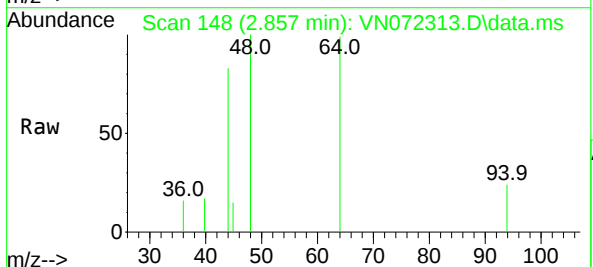
Instrument :
MSVOA_N
ClientSampleId :
TB

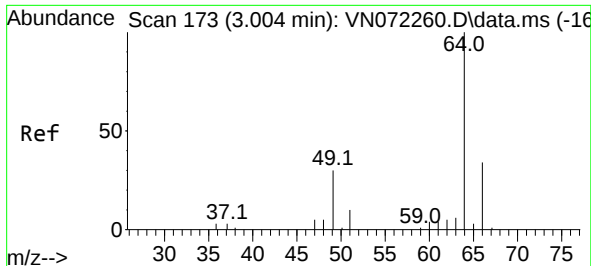
Tgt Ion:168 Resp: 181558
Ion Ratio Lower Upper
168 100
99 66.6 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 148
Delta R.T. 0.023 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

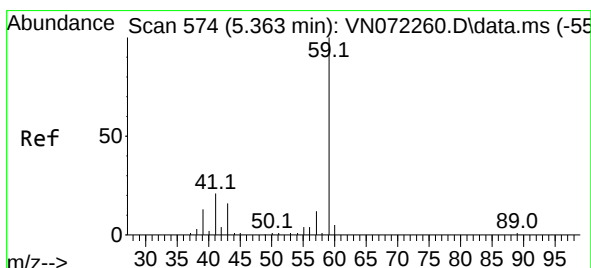
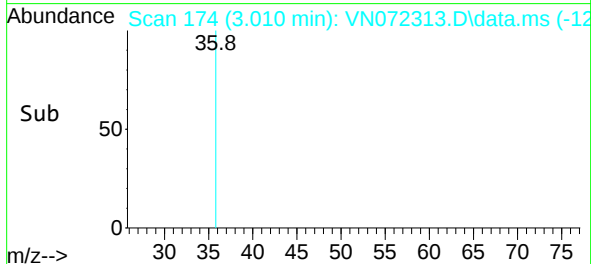
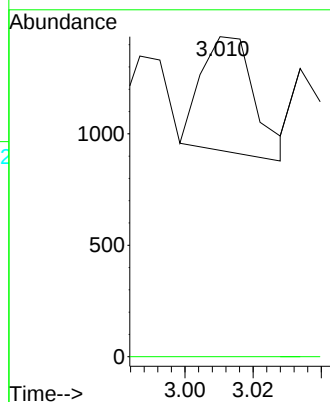
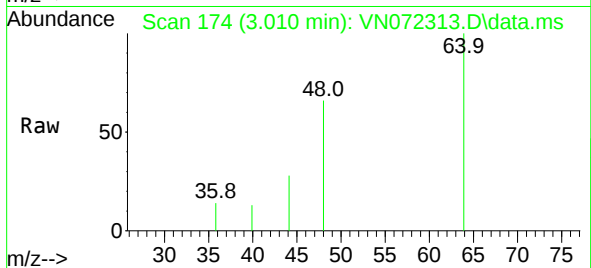




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

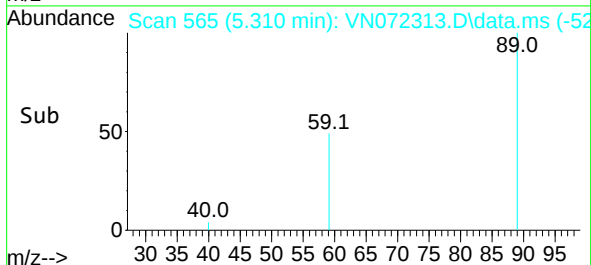
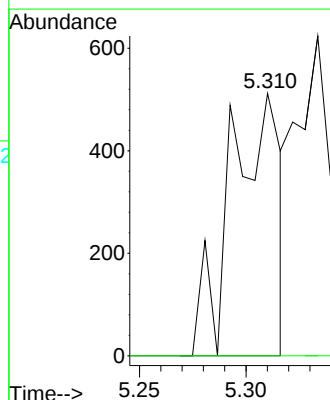
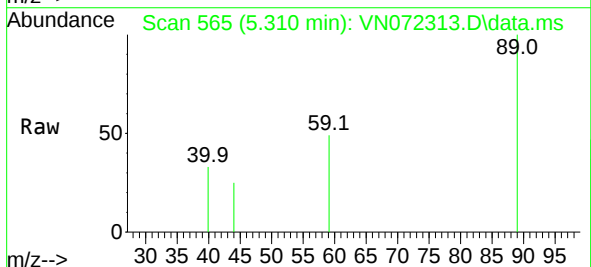
Instrument :
MSVOA_N
ClientSampleId :
TB

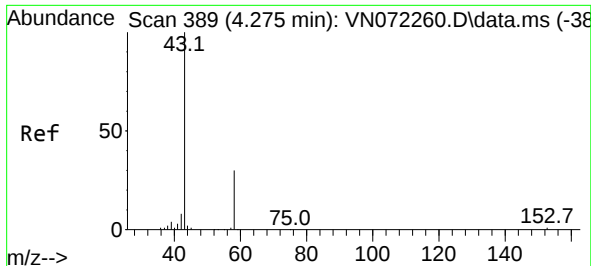
Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.786 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.053 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 59 Resp: 818
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

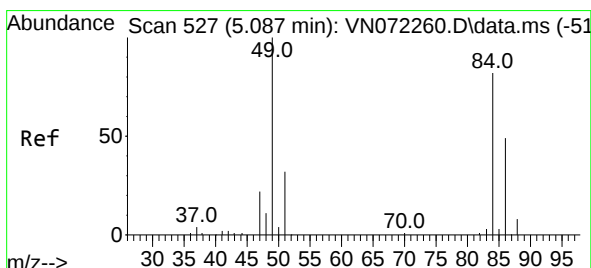
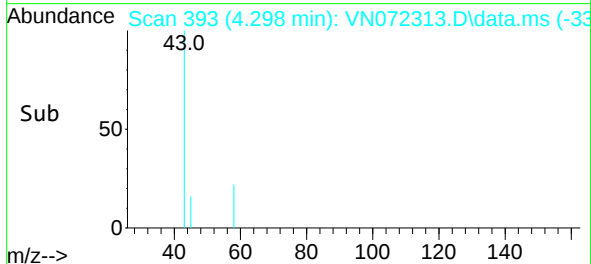
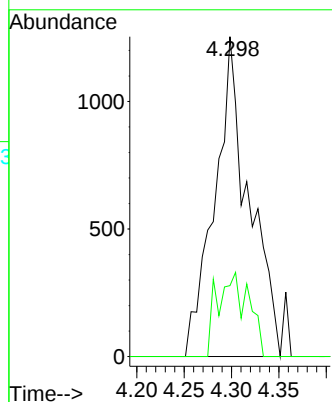
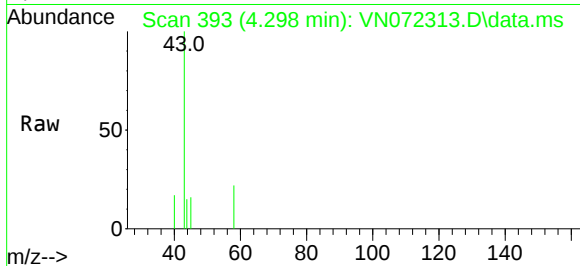




#16
Acetone
Concen: 2.622 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

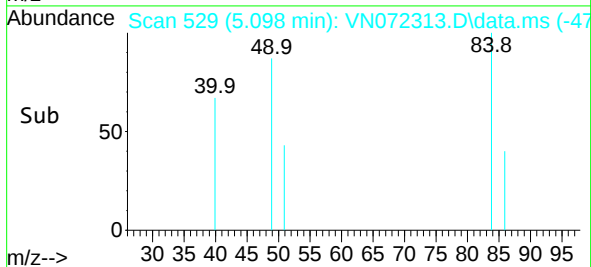
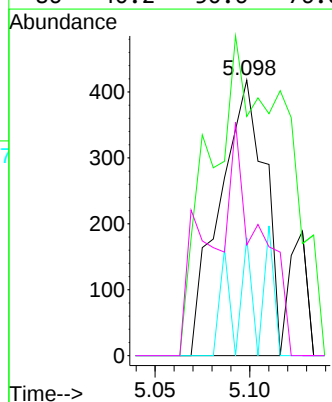
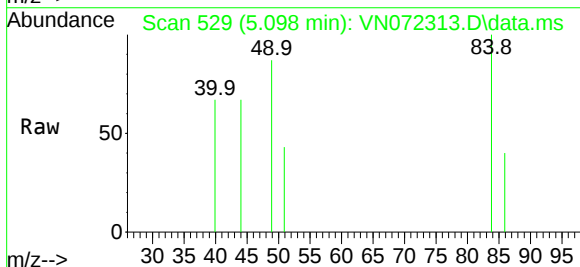
Instrument :
MSVOA_N
ClientSampleId :
TB

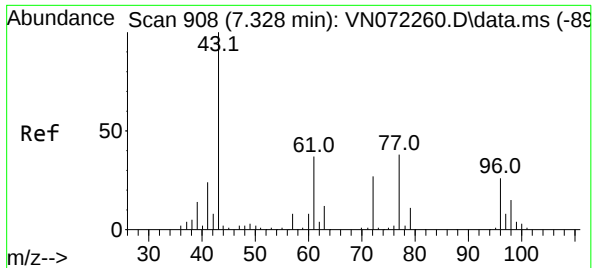
Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
58 22.2 26.0 39.0#



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 84 Resp: 691
Ion Ratio Lower Upper
84 100
49 86.8 88.3 132.5#
51 42.8 28.2 42.2#
86 40.2 50.6 76.0#

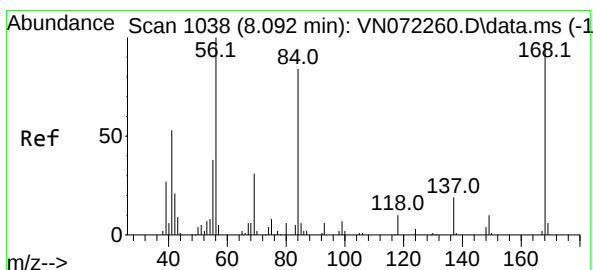
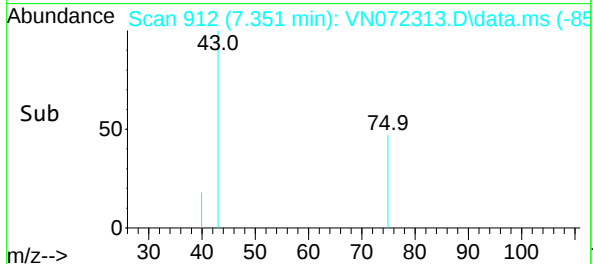
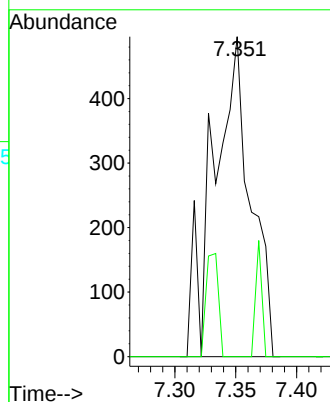
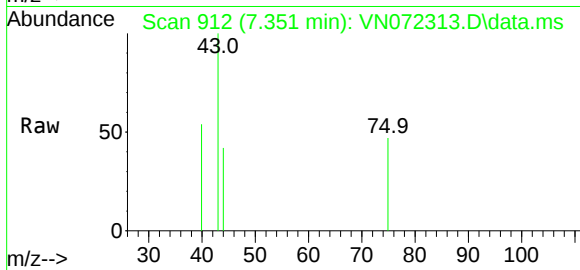




#25
2-Butanone
Concen: 0.550 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

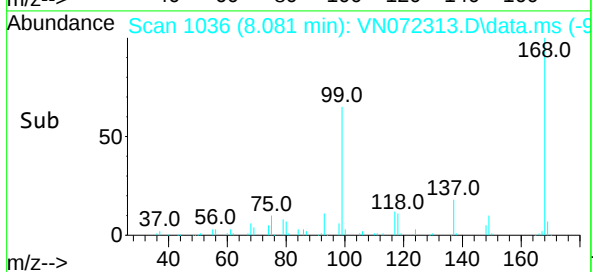
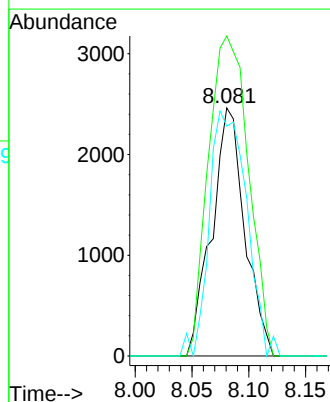
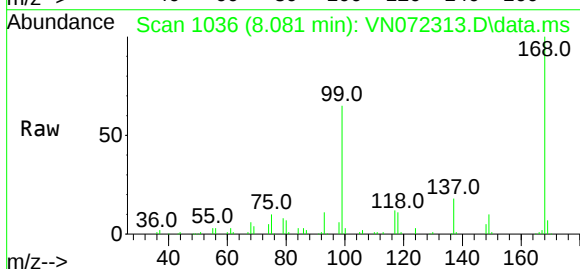
Instrument :
MSVOA_N
ClientSampleId :
TB

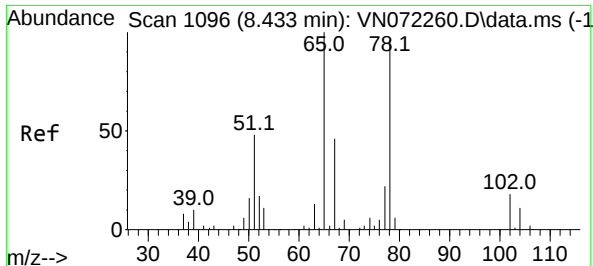
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 56 Resp: 4989
Ion Ratio Lower Upper
56 100
69 129.0 27.8 41.8#
84 92.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 53.519 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072313.D

Acq: 03 May 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

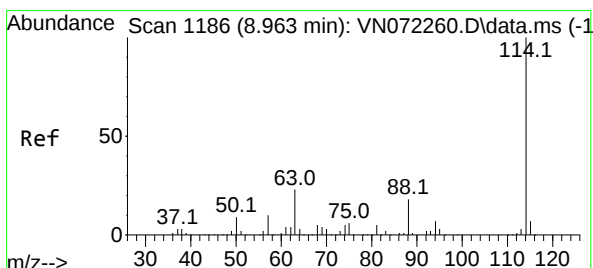
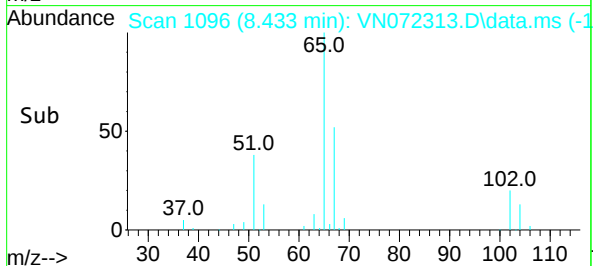
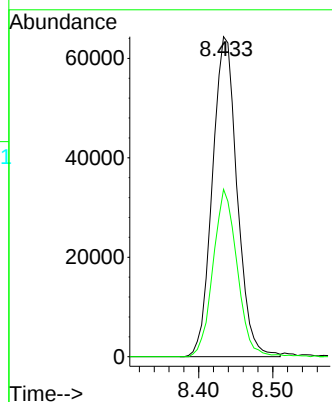
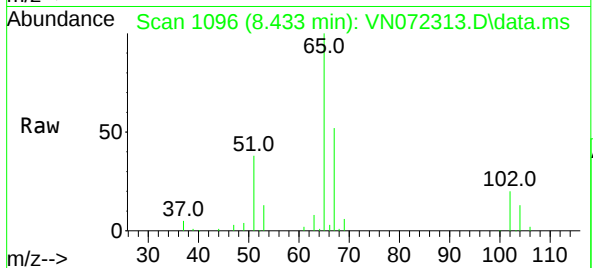
TB

Tgt Ion: 65 Resp: 149174

Ion Ratio Lower Upper

65 100

67 51.1 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: VN072313.D

Acq: 03 May 2022 18:57

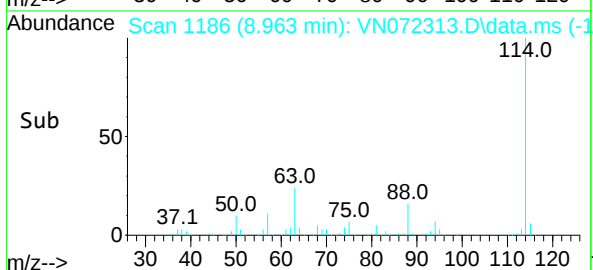
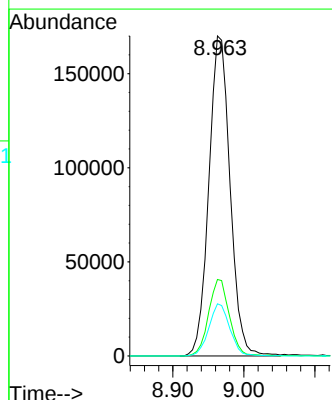
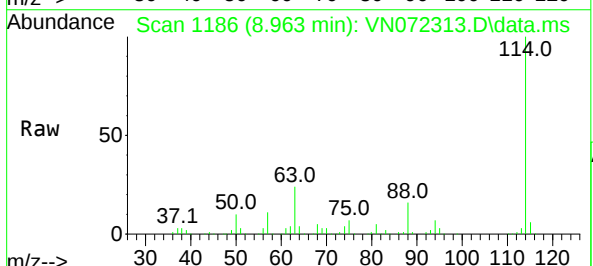
Tgt Ion: 114 Resp: 352718

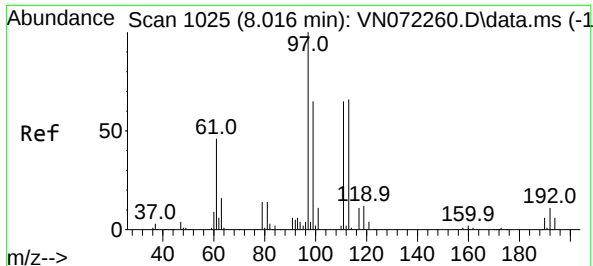
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.0

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.652 ug/l

RT: 8.022 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VN072313.D

Acq: 03 May 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

TB

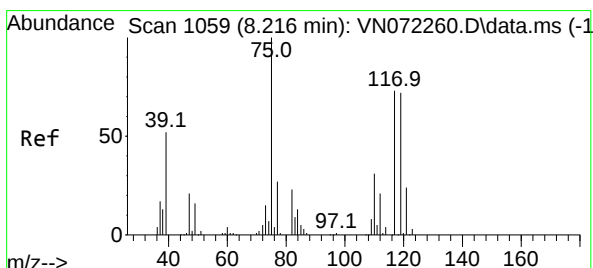
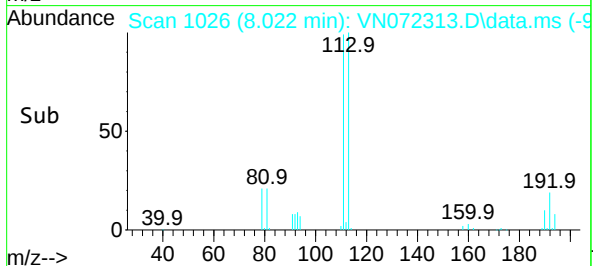
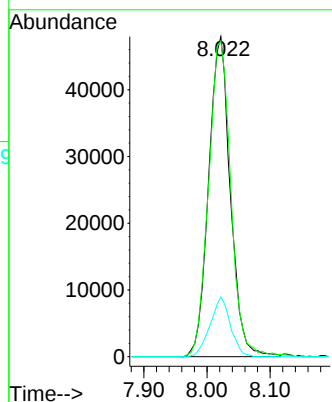
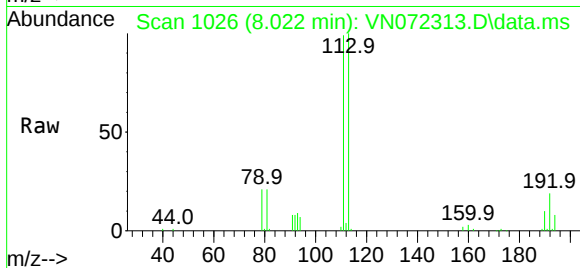
Tgt Ion:113 Resp: 114351

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 17.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072313.D

Acq: 03 May 2022 18:57

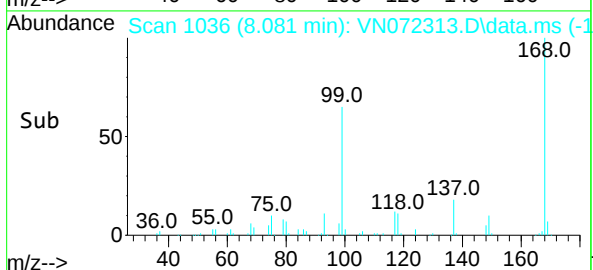
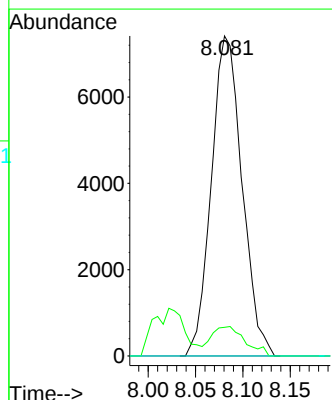
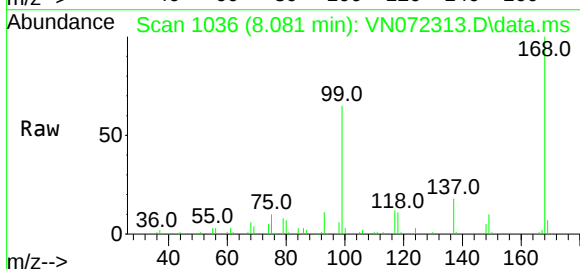
Tgt Ion: 75 Resp: 16725

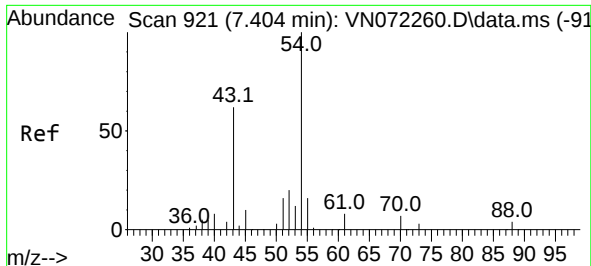
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#

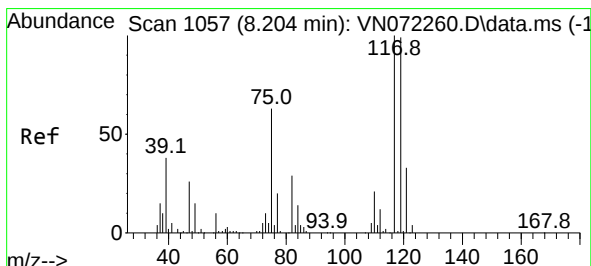
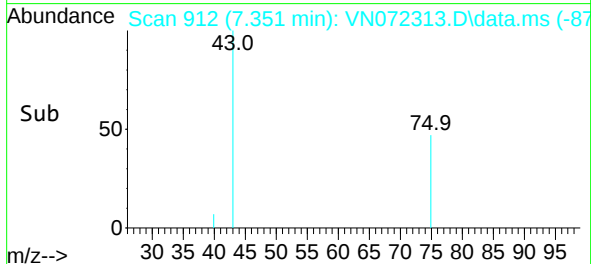
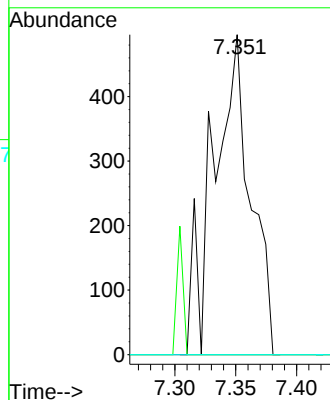
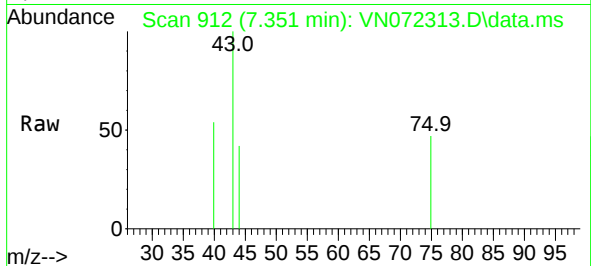




#37
Ethyl Acetate
Concen: 0.241 ug/l
RT: 7.351 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

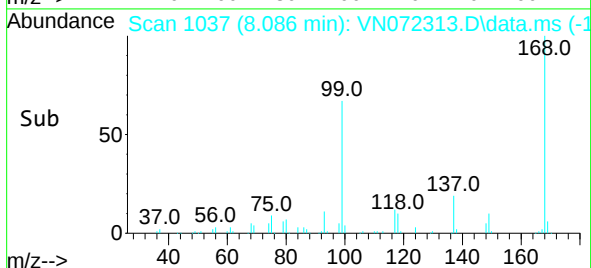
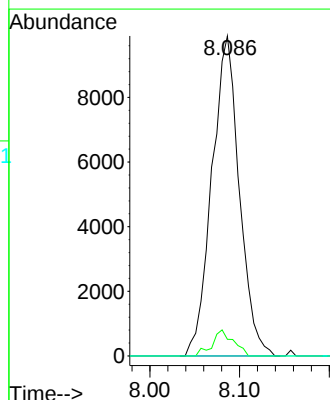
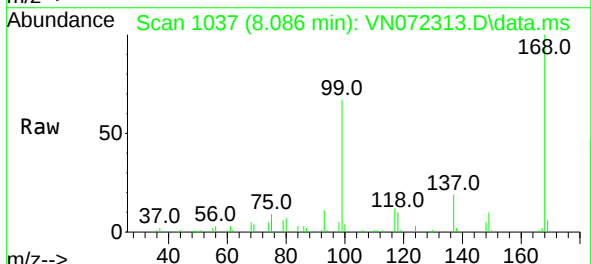
Instrument :
MSVOA_N
ClientSampleId :
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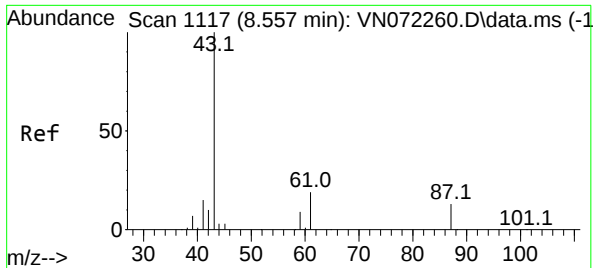
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 117 Resp: 21074
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#

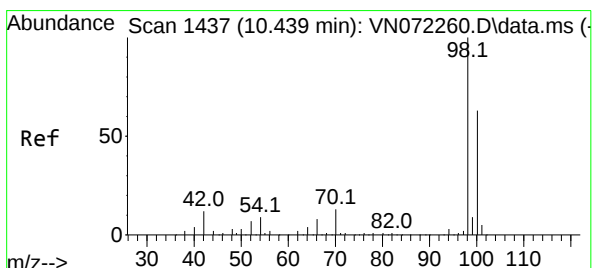
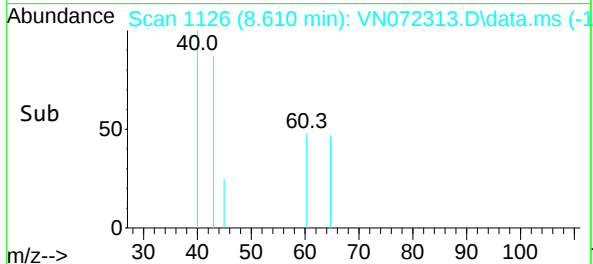
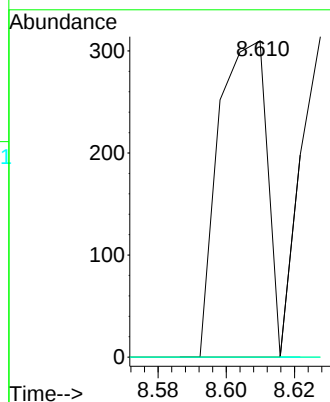
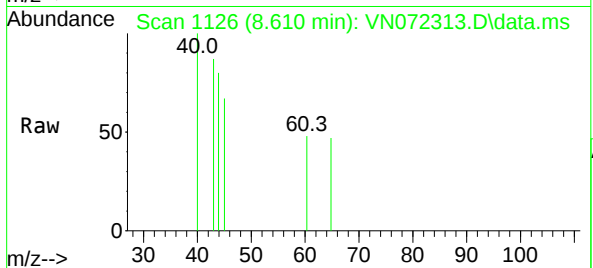




#43
Isopropyl Acetate
Concen: 0.845 ug/l
RT: 8.610 min Scan# 1117
Delta R.T. 0.053 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

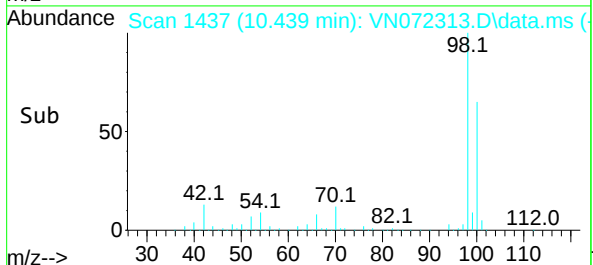
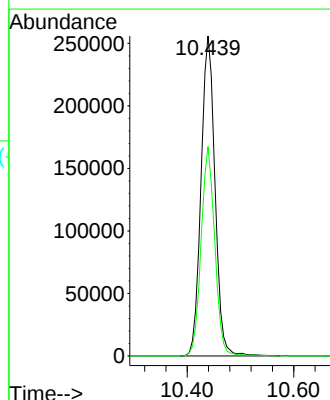
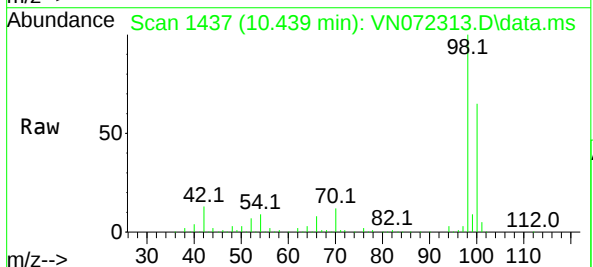
Instrument :
MSVOA_N
ClientSampleId :
TB

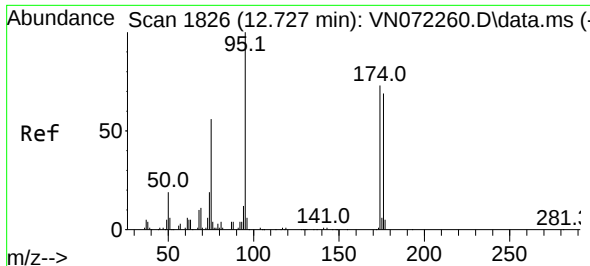
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 98 Resp: 465425
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

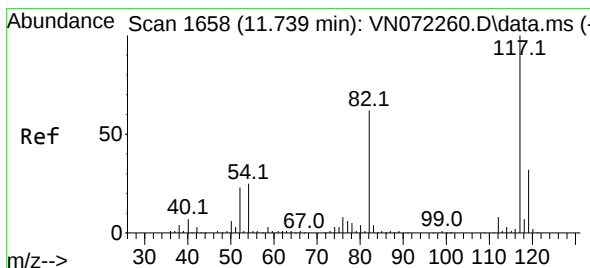
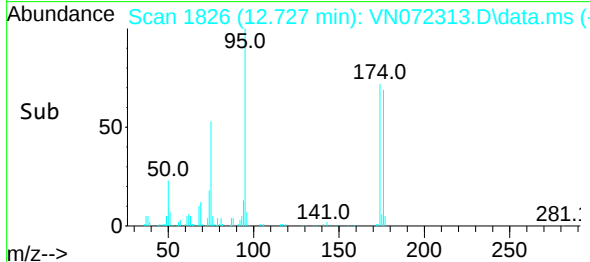
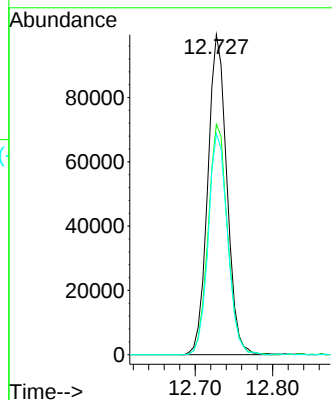
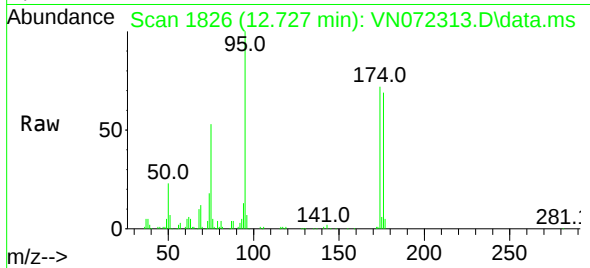




#62
4-Bromofluorobenzene
Concen: 57.810 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

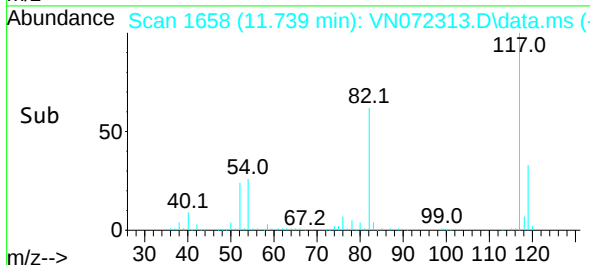
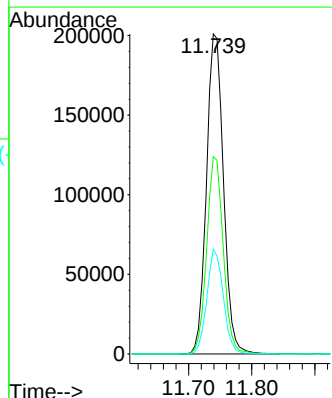
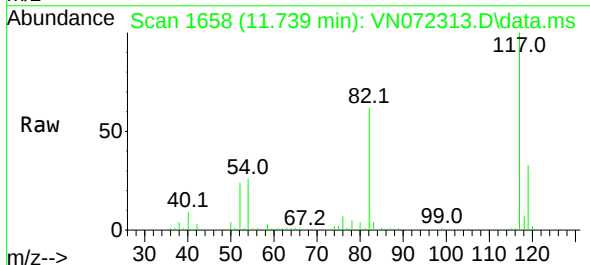
Instrument :
MSVOA_N
ClientSampleId :
TB

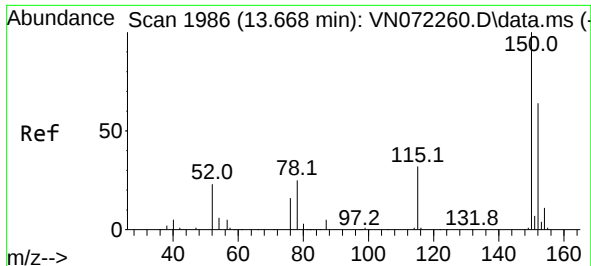
Tgt Ion: 95 Resp: 170218
Ion Ratio Lower Upper
95 100
174 73.0 0.0 167.6
176 69.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 117 Resp: 376504
Ion Ratio Lower Upper
117 100
82 61.6 44.2 66.2
119 32.8 25.4 38.0

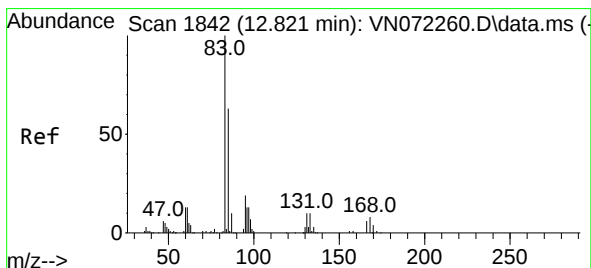
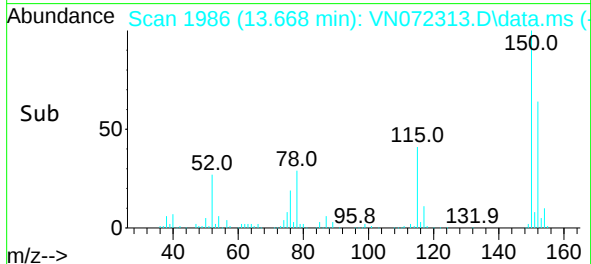
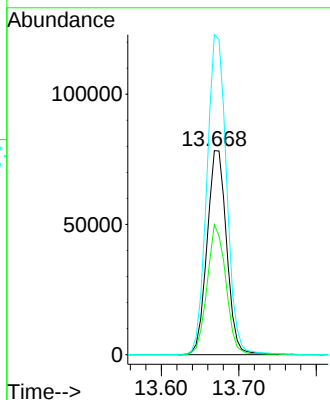
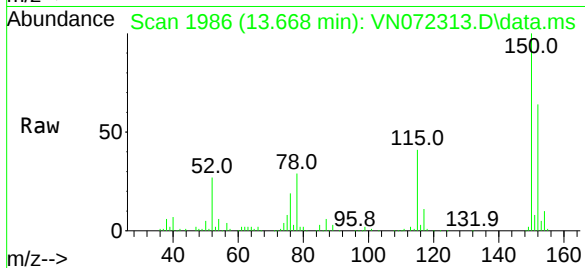




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

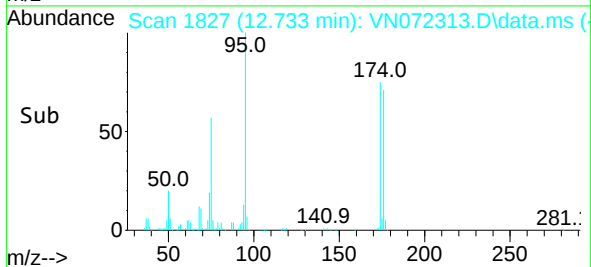
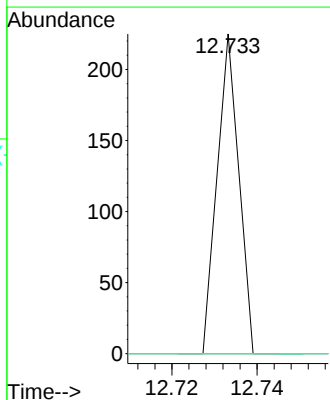
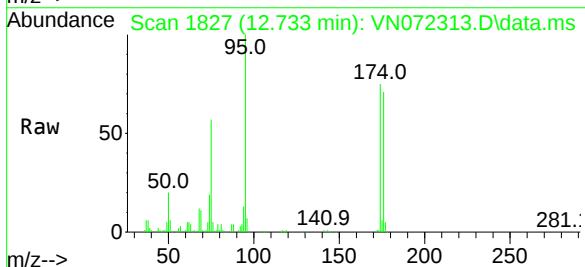
Instrument :
MSVOA_N
ClientSampleId :
TB

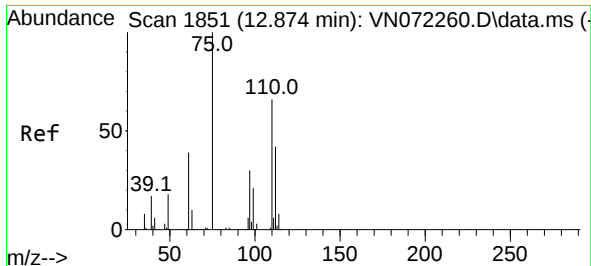
Tgt Ion:152 Resp: 137554
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 158.3 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.733 min Scan# 1827
Delta R.T. -0.089 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 83 Resp: 79
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

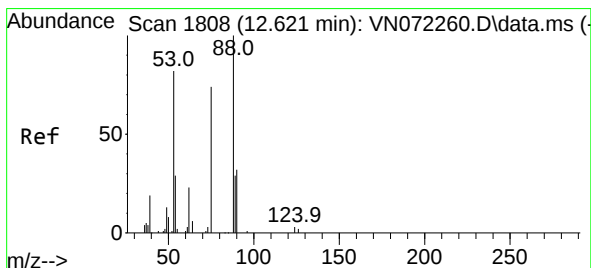
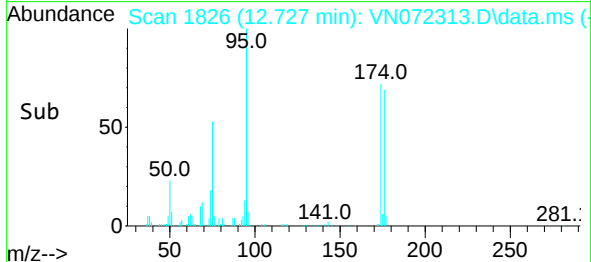
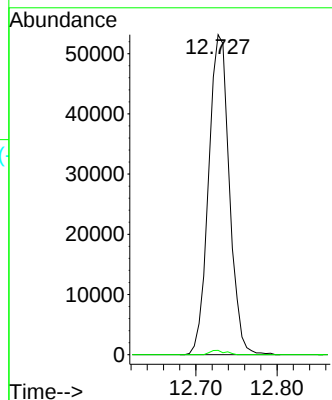
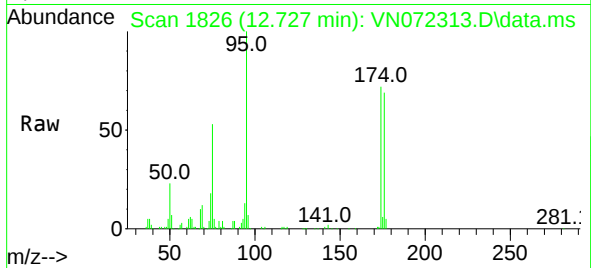




#76
1,2,3-Trichloropropane
Concen: 30.526 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

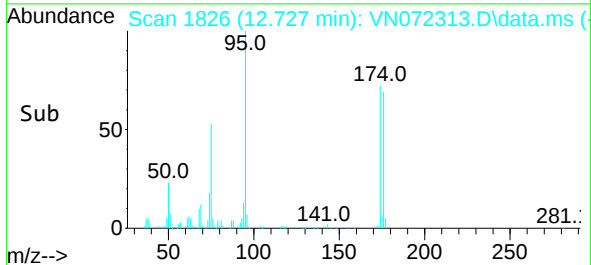
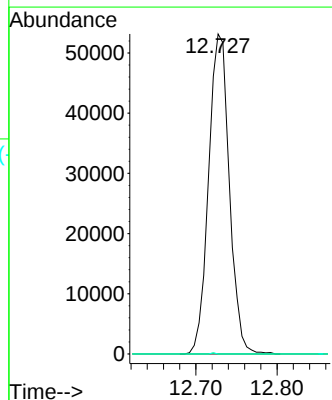
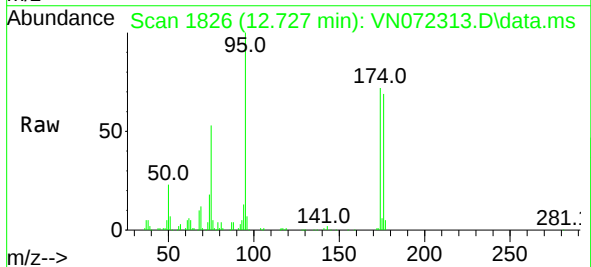
Instrument :
MSVOA_N
ClientSampleId :
TB

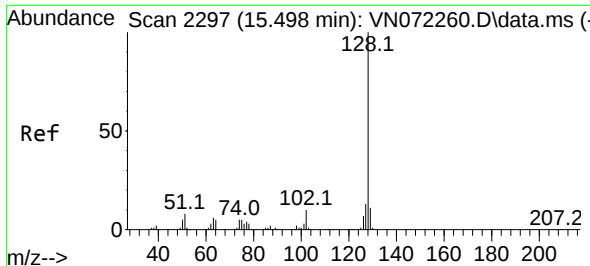
Tgt Ion: 75 Resp: 94322
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.286 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion: 75 Resp: 94322
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

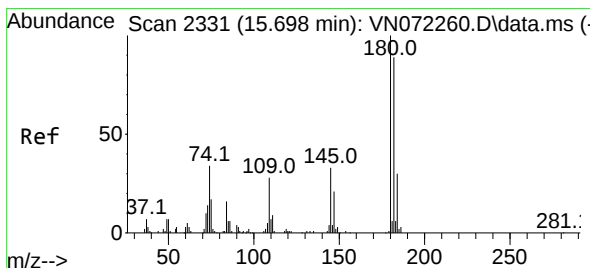
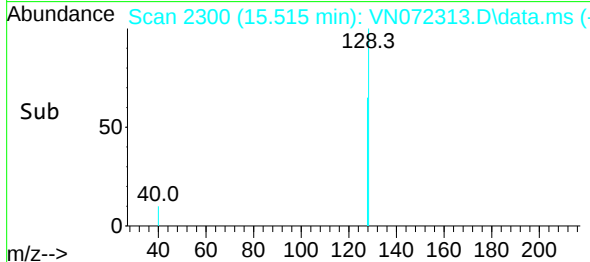
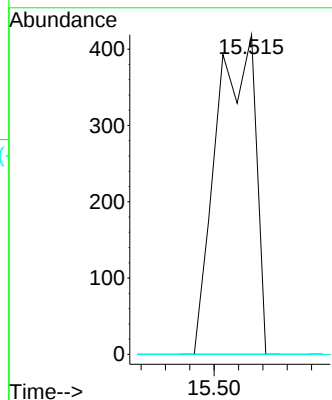
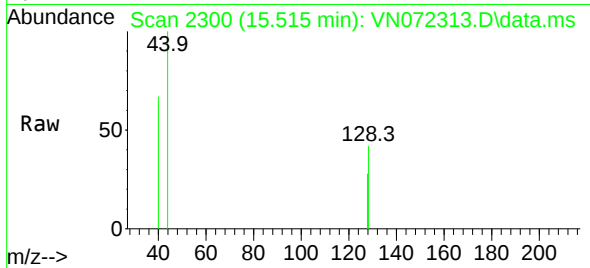




#95
Naphthalene
Concen: 4.359 ug/l
RT: 15.515 min Scan# 21
Delta R.T. 0.017 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:128 Resp: 464
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.708 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072313.D
Acq: 03 May 2022 18:57

Tgt Ion:180 Resp: 78
Ion Ratio Lower Upper
180 100
182 80.8 47.8 143.3
145 0.0 15.5 46.5#

