

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072380.D
 Acq On : 09 May 2022 15:33
 Operator : JC\MD
 Sample : N2740-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 10 06:46:34 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	8.081	168	299767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	586744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	644326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	262026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	216676	47.082	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.160%
35) Dibromofluoromethane	8.016	113	174965	46.589	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.180%
50) Toluene-d8	10.439	98	737037	49.946	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.727	95	305169	62.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.600%

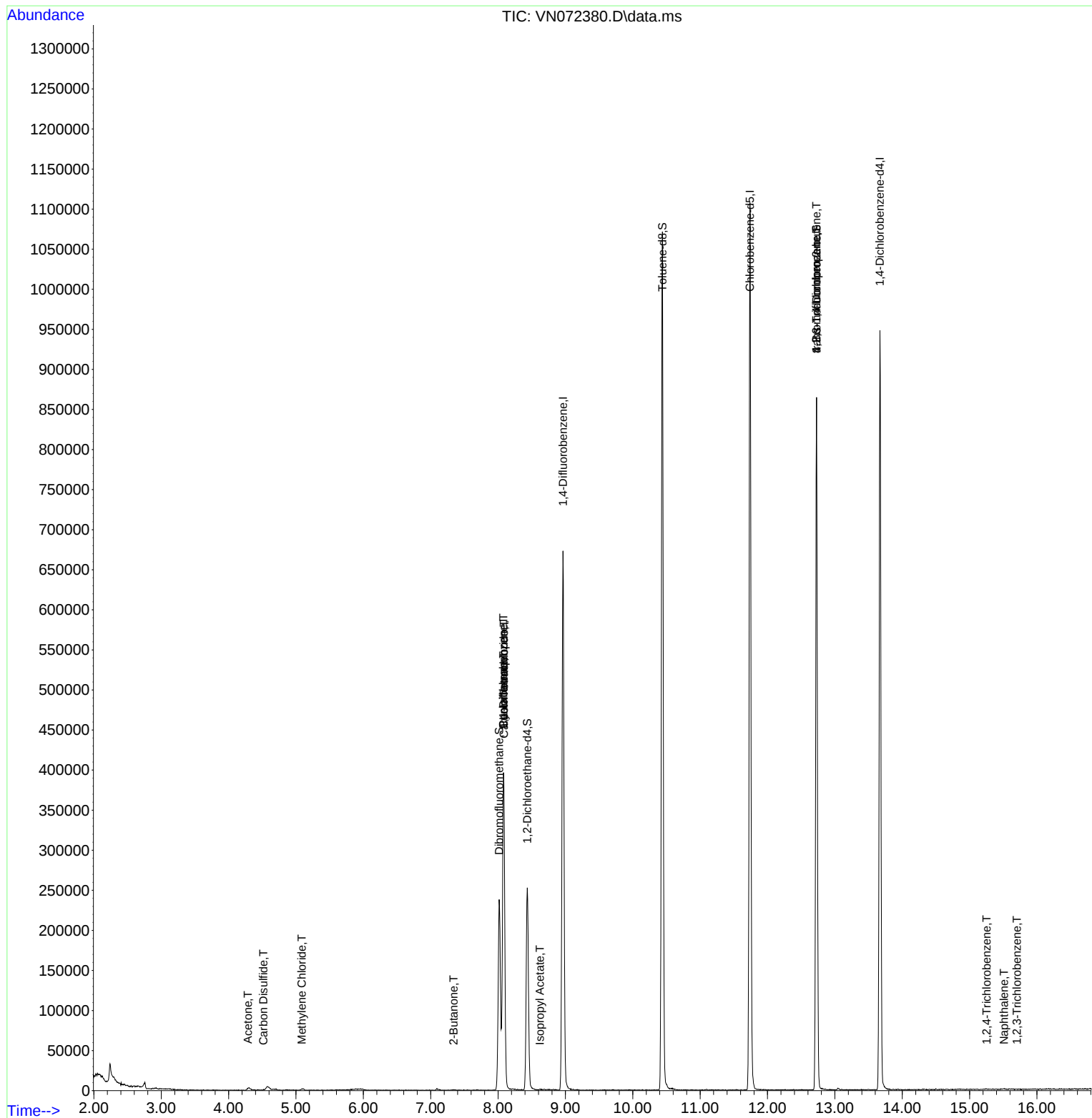
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.304	50	1080	Below Cal	#	43
5) Bromomethane	2.869	94	411	Below Cal	#	63
6) Chloroethane	2.993	64	217	Below Cal	#	42
16) Acetone	4.287	43	4360	2.197	ug/l #	88
17) Carbon Disulfide	4.516	76	74	0.374	ug/l #	75
20) Methylene Chloride	5.087	84	1440	0.379	ug/l #	62
25) 2-Butanone	7.339	43	1130	0.358	ug/l #	45
31) Cyclohexane	8.081	56	6747	1.097	ug/l #	11
36) 1,1-Dichloropropene	8.081	75	24080	4.405	ug/l #	49
38) Carbon Tetrachloride	8.086	117	32654	5.577	ug/l #	16
43) Isopropyl Acetate	8.622	43	623	0.855	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.821	83	66	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	156550	26.571	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	156550	69.082	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.251	180	211	2.470	ug/l #	59
95) Naphthalene	15.509	128	1166	4.378	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.704	180	59	2.687	ug/l #	1

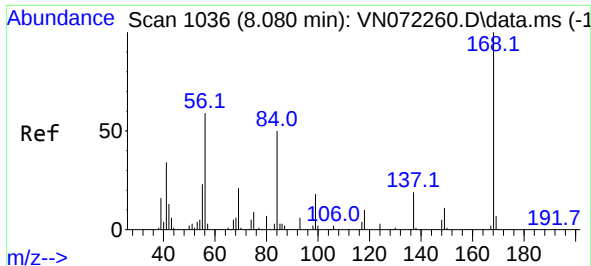
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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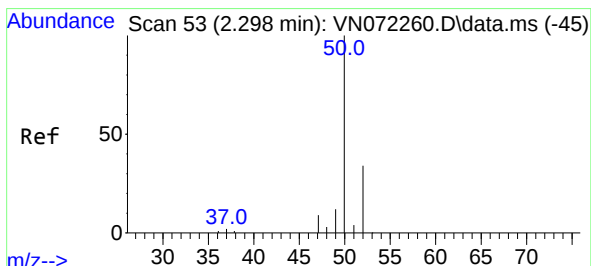
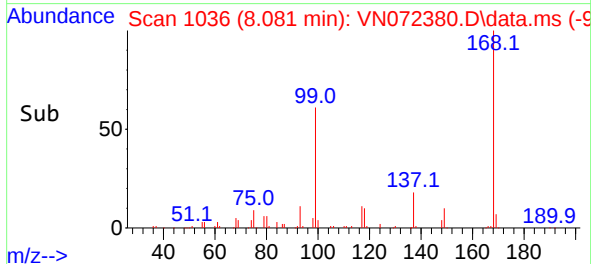
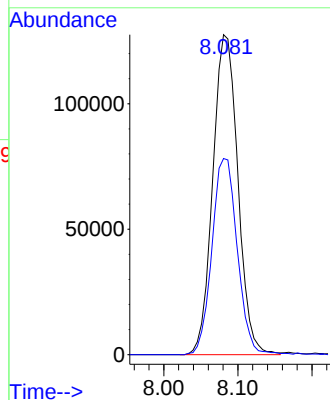
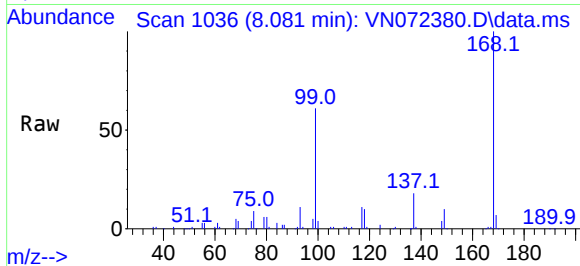




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

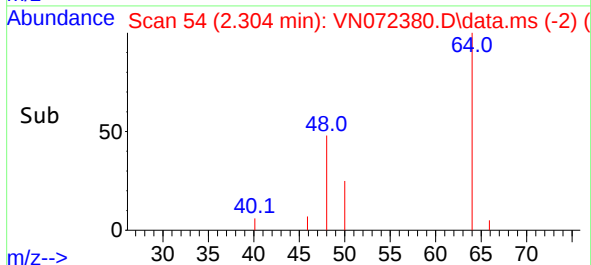
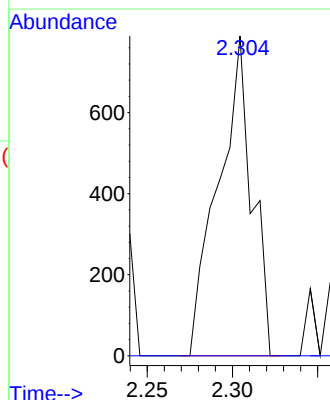
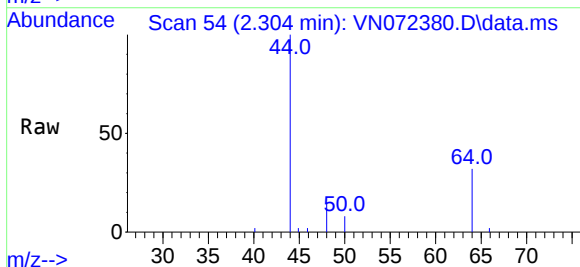
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

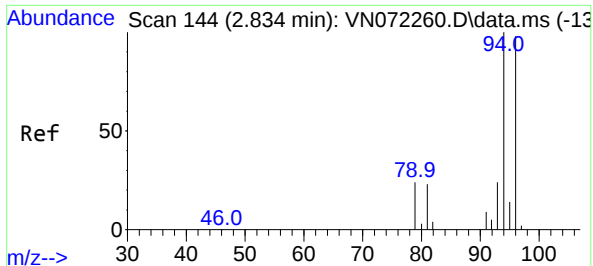
Tgt Ion:168 Resp: 299767
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 50 Resp: 1080
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

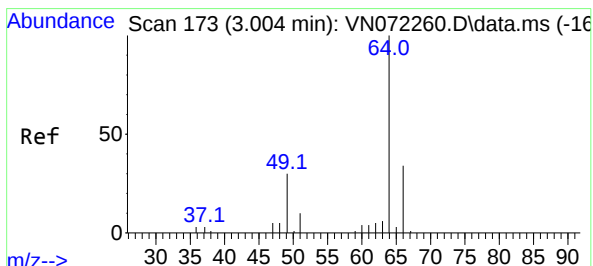
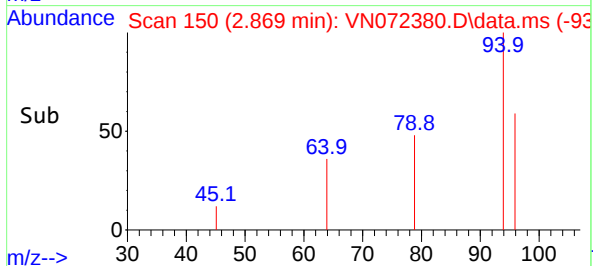
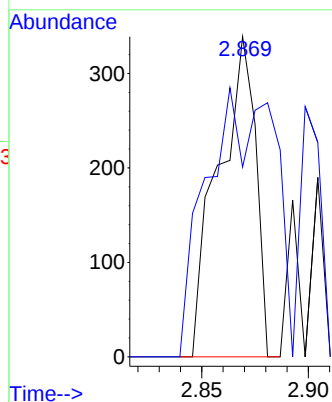
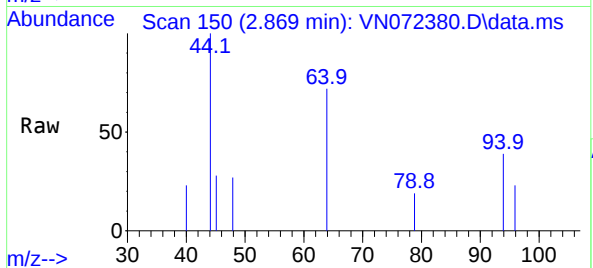




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

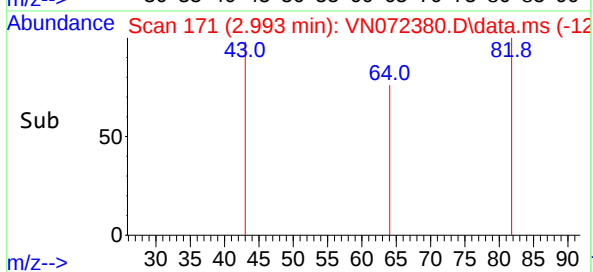
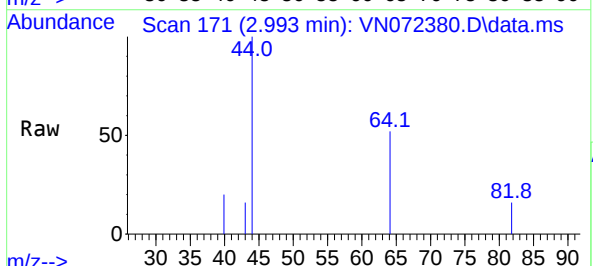
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

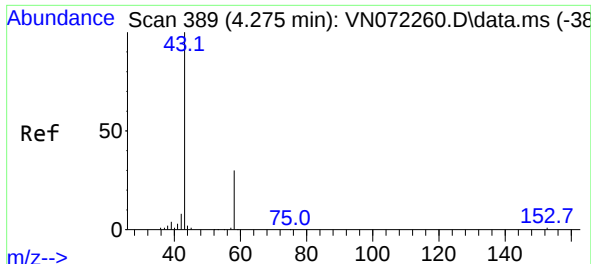
Tgt Ion: 94 Resp: 411
Ion Ratio Lower Upper
94 100
96 59.3 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 64 Resp: 217
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

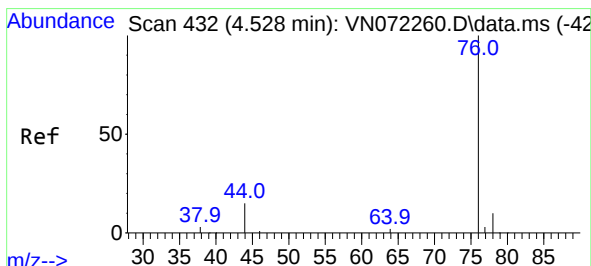
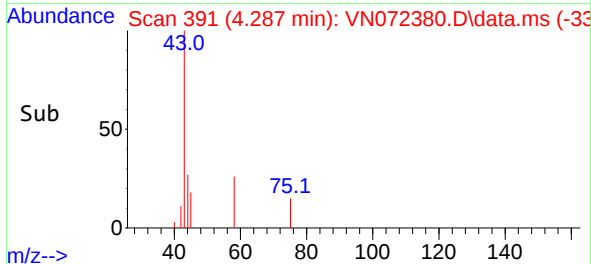
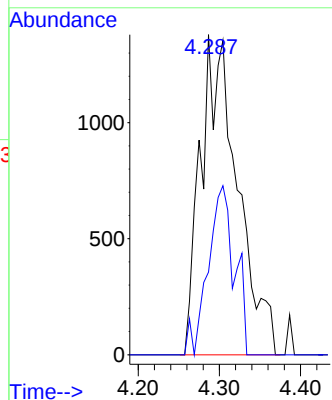
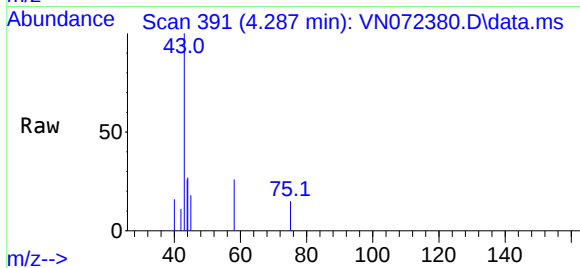




#16
Acetone
Concen: 2.197 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

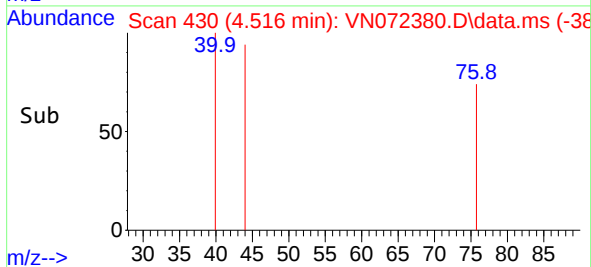
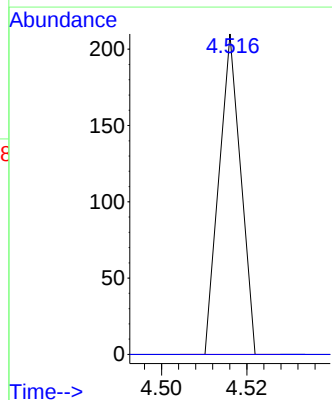
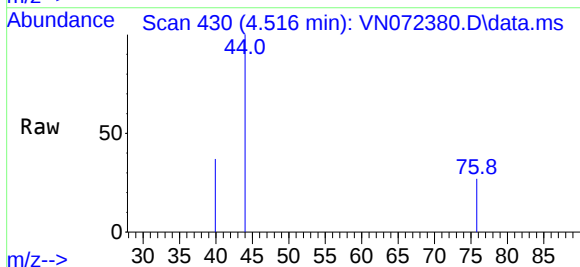
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

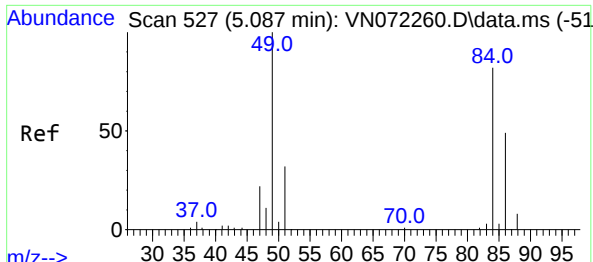
Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 4.516 min Scan# 430
Delta R.T. -0.018 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

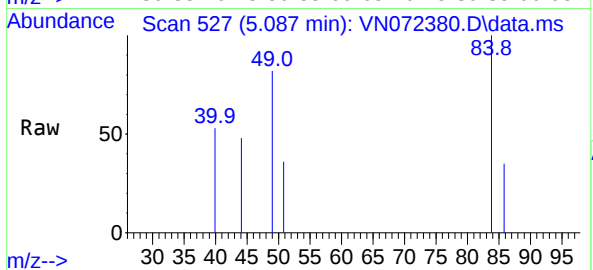
Tgt Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





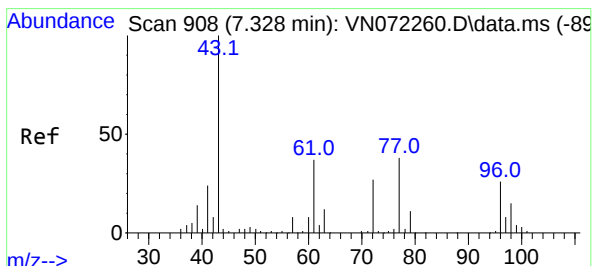
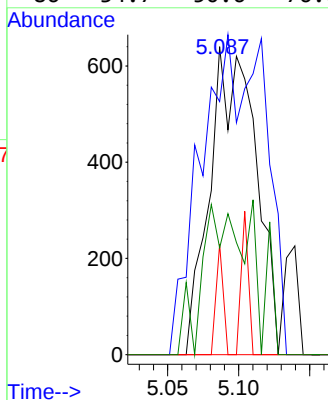
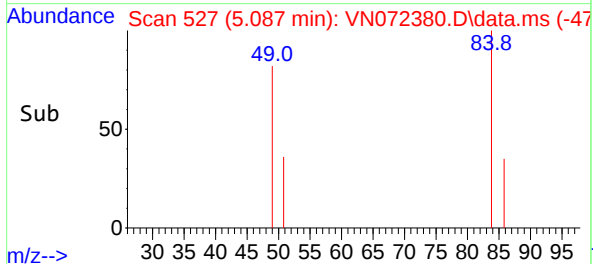
#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

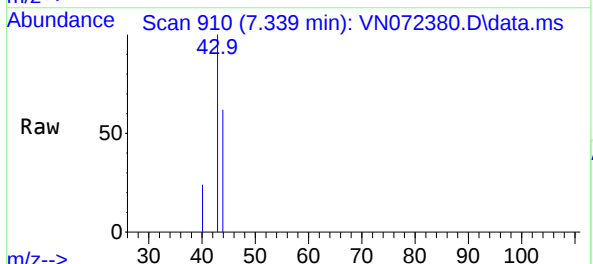


Tgt Ion: 84 Resp: 1440

Ion	Ratio	Lower	Upper
84	100		
49	57.7	88.3	132.5#
51	35.9	28.2	42.2
86	34.7	50.6	76.0#

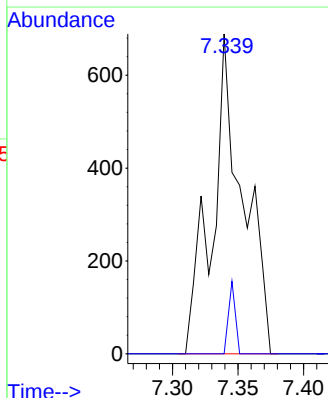
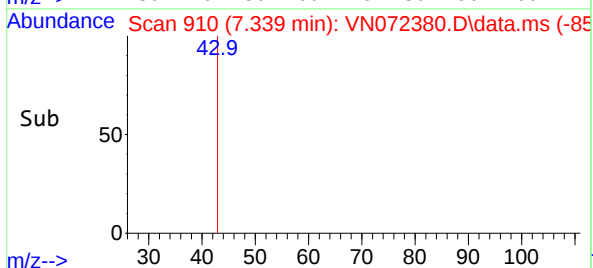


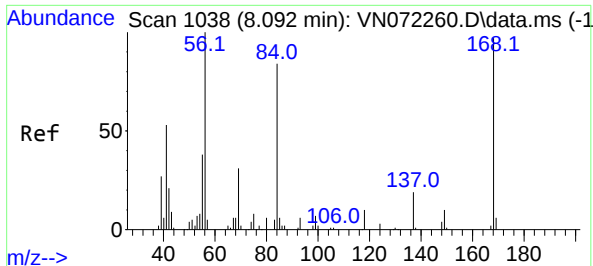
#25
2-Butanone
Concen: 0.358 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33



Tgt Ion: 43 Resp: 1130

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#31

Cyclohexane

Concen: 1.097 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072380.D

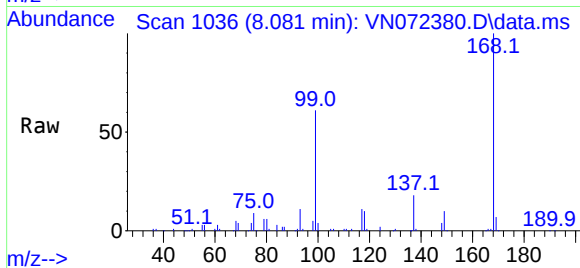
Acq: 09 May 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



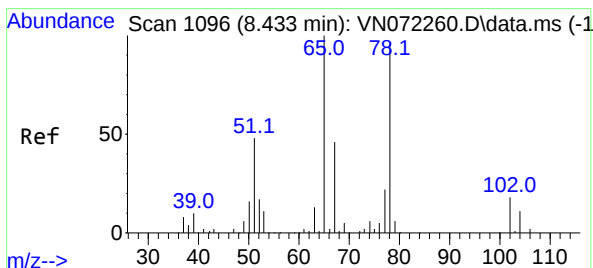
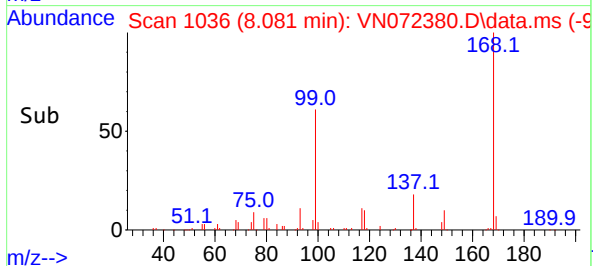
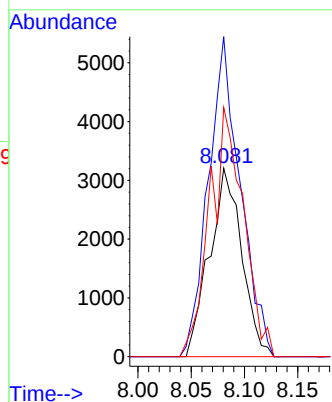
Tgt Ion: 56 Resp: 6747

Ion Ratio Lower Upper

56 100

69 169.8 27.8 41.8#

84 132.2 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.082 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072380.D

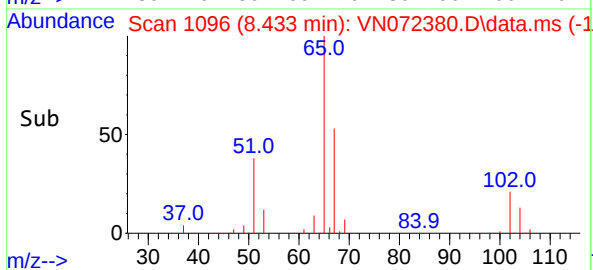
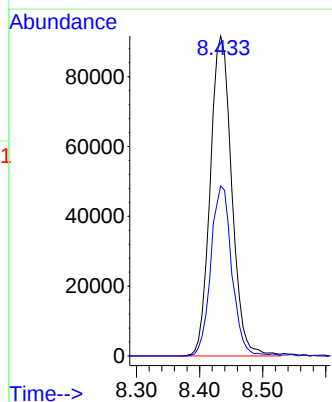
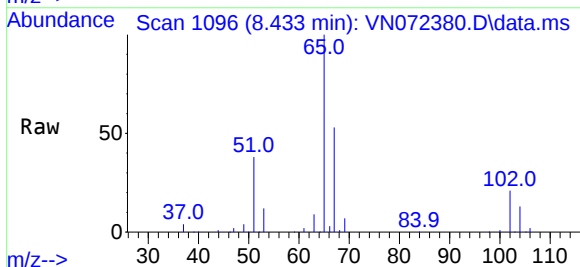
Acq: 09 May 2022 15:33

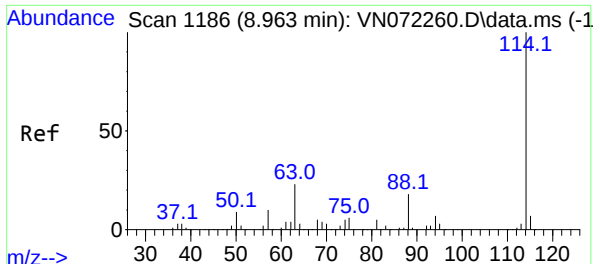
Tgt Ion: 65 Resp: 216676

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



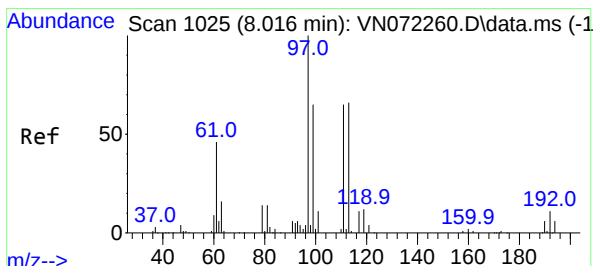
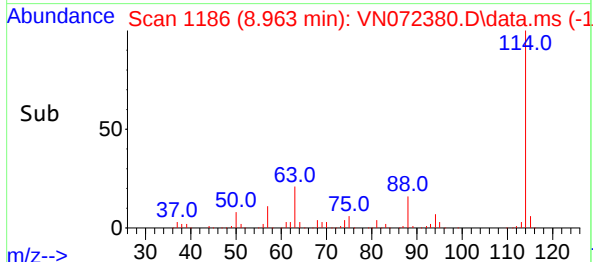
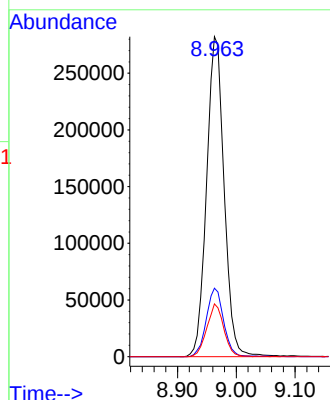
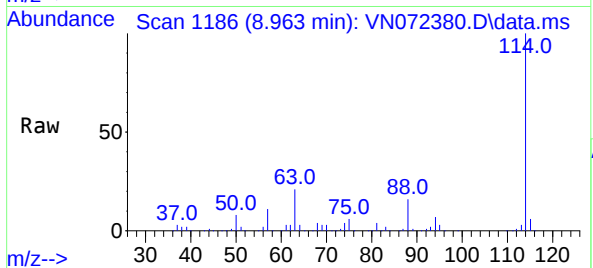


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:114 Resp: 586744

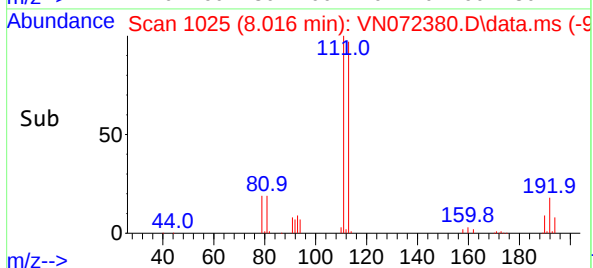
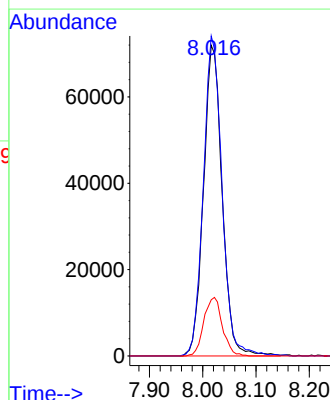
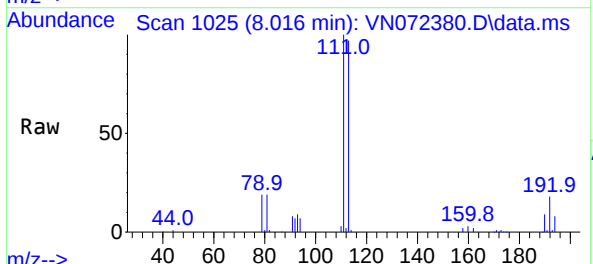
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.0
88	16.5	0.0	32.6

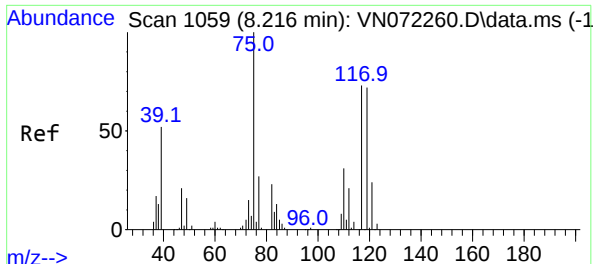


#35
Dibromofluoromethane
Concen: 46.589 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion:113 Resp: 174965

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	18.7	17.0	25.6

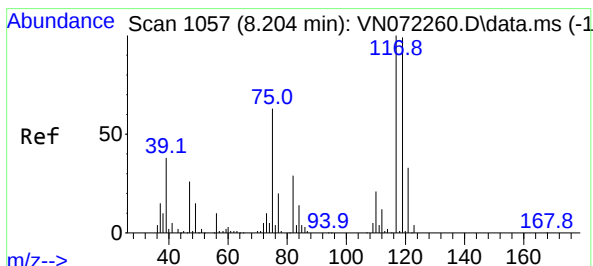
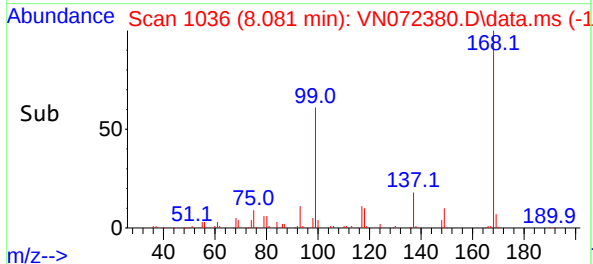
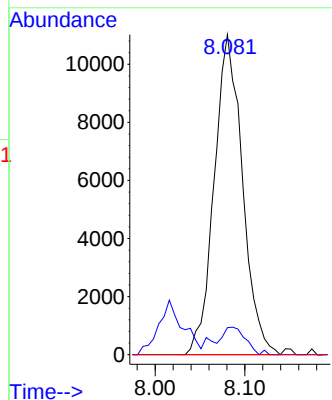
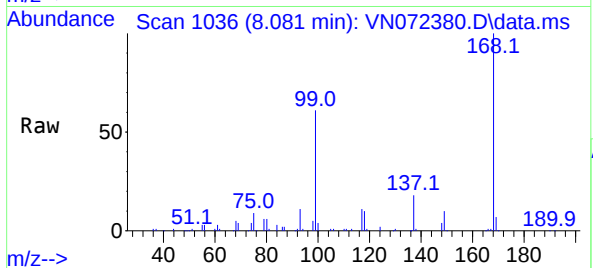




#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

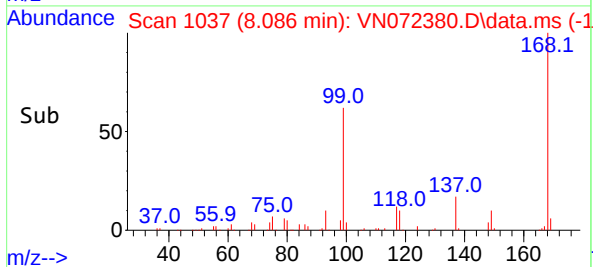
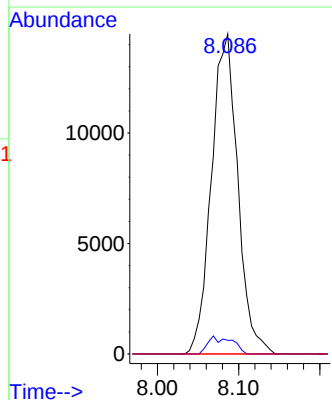
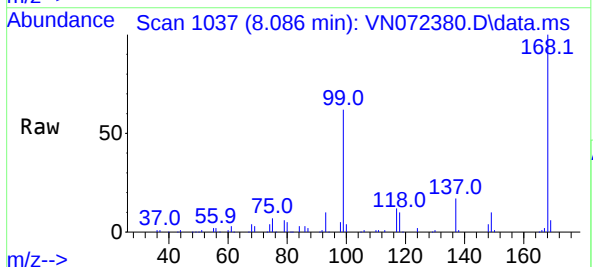
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

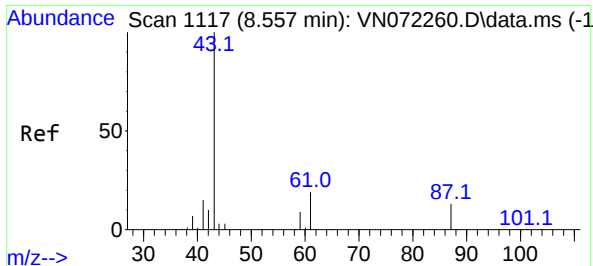
Tgt Ion: 75 Resp: 24080
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 117 Resp: 32654
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#

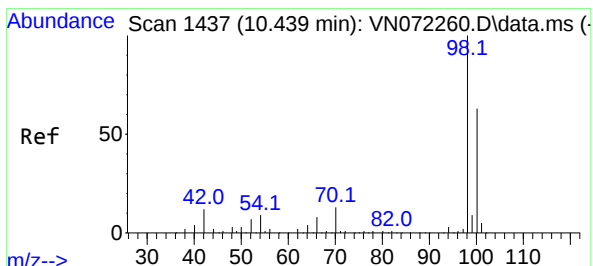
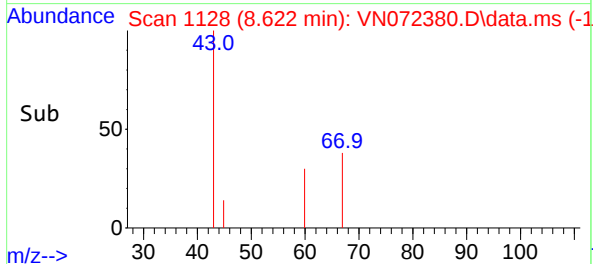
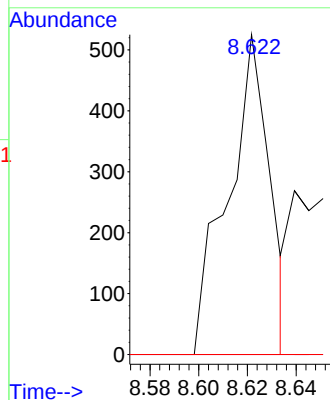
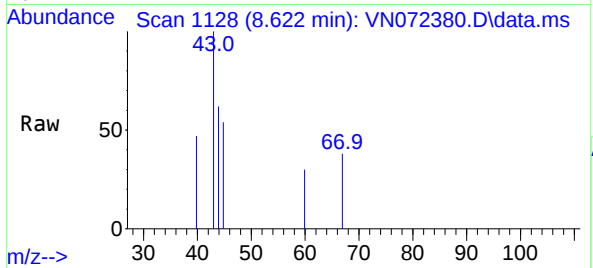




#43
Isopropyl Acetate
Concen: 0.855 ug/l
RT: 8.622 min Scan# 1117
Delta R.T. 0.065 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

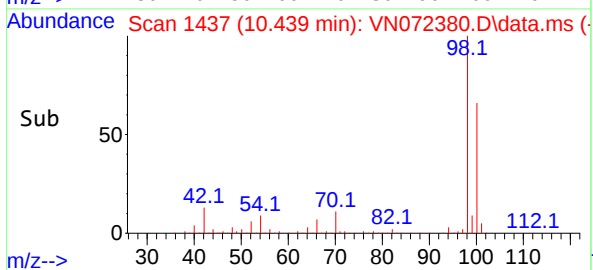
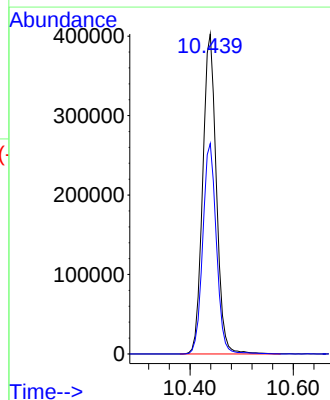
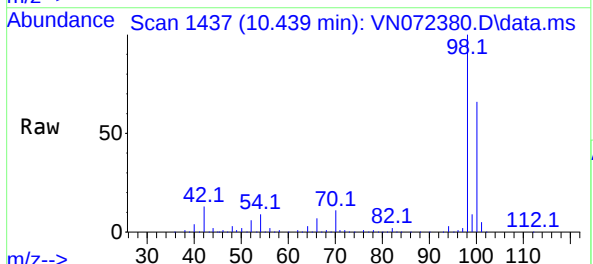
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

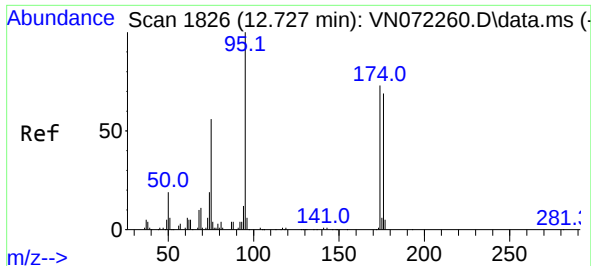
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 98 Resp: 737037
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

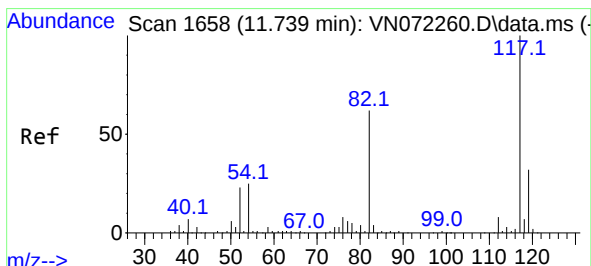
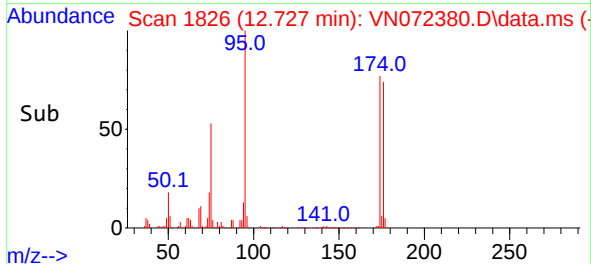
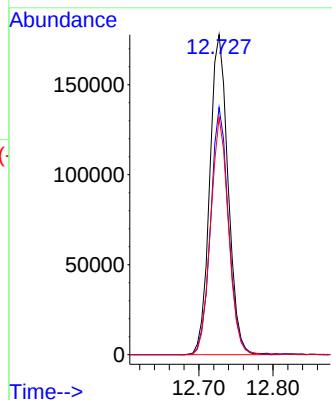
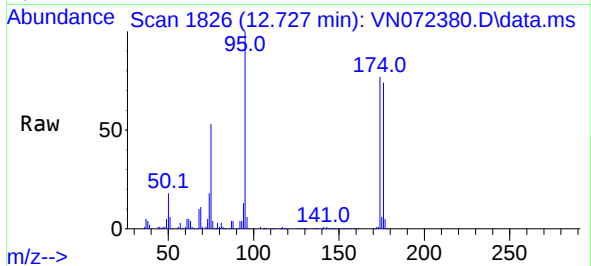




#62
4-Bromofluorobenzene
Concen: 62.304 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

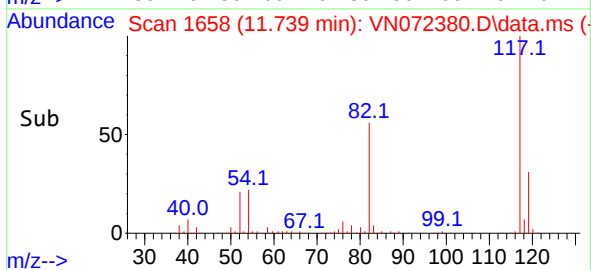
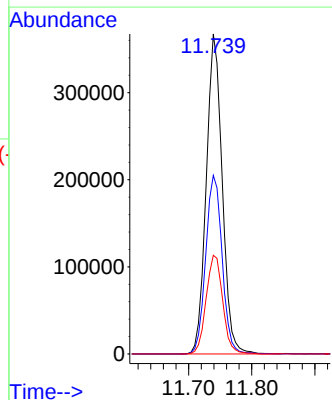
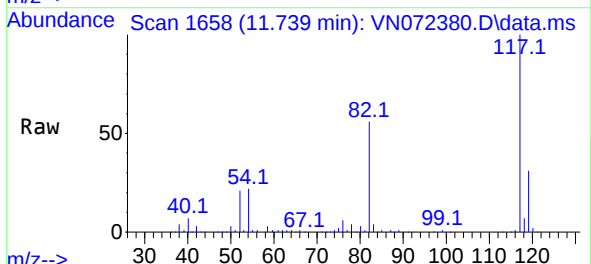
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

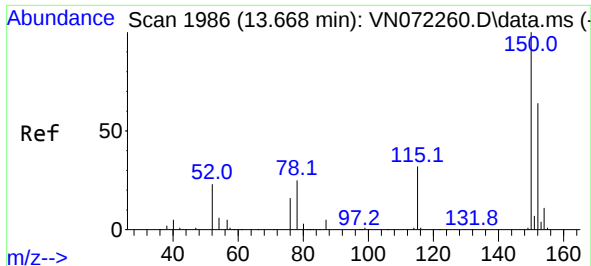
Tgt Ion: 95 Resp: 305169
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 72.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 117 Resp: 644326
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 30.9 25.4 38.0

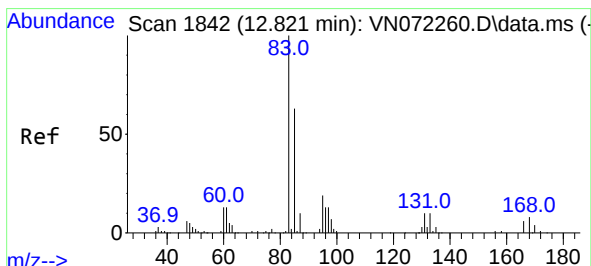
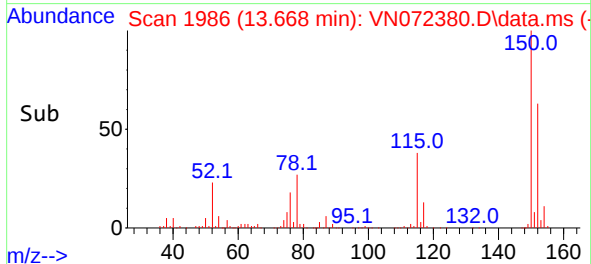
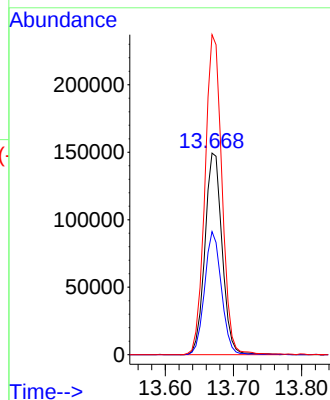
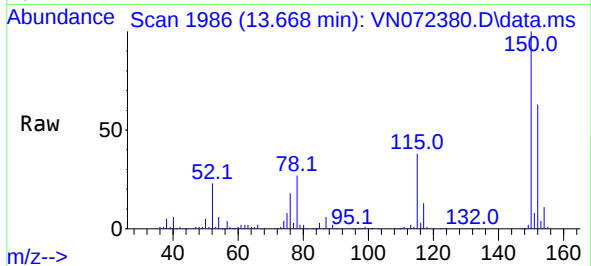




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

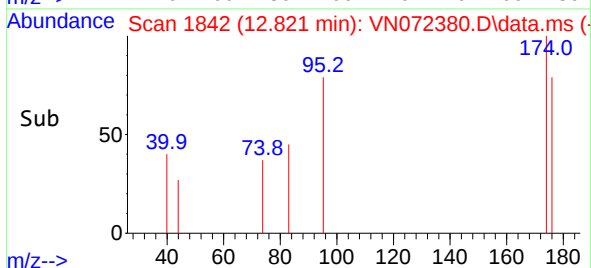
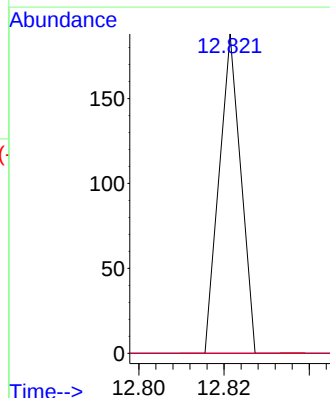
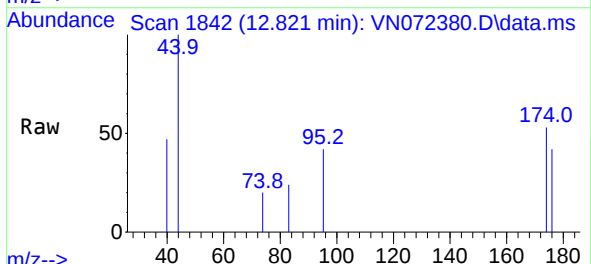
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

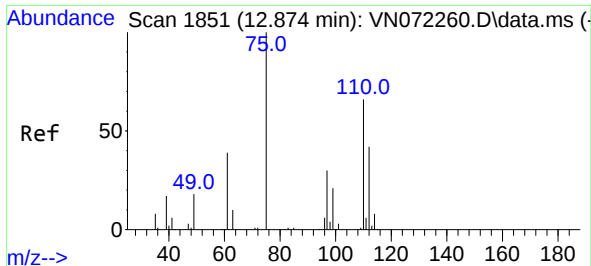
Tgt Ion:152 Resp: 262026
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 156.9 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 83 Resp: 66
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

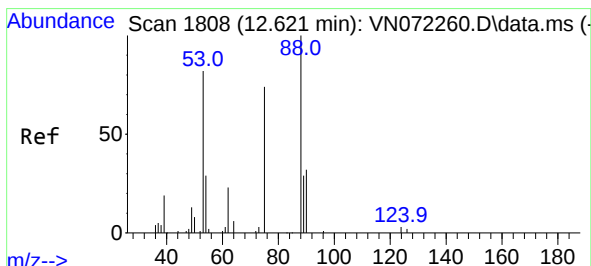
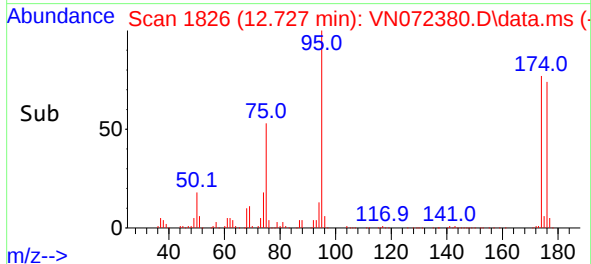
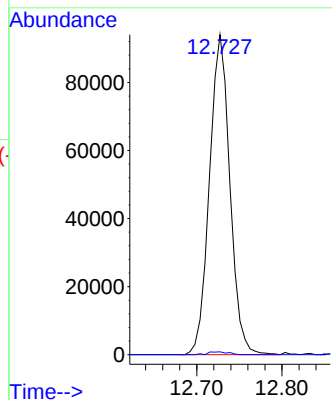
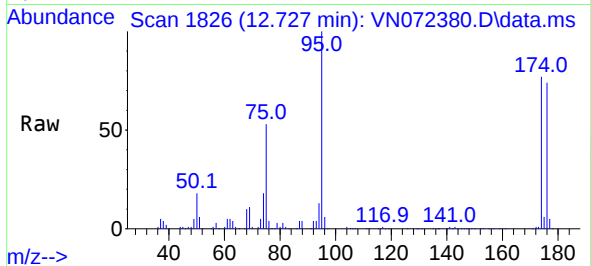




#76
1,2,3-Trichloropropane
Concen: 26.571 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

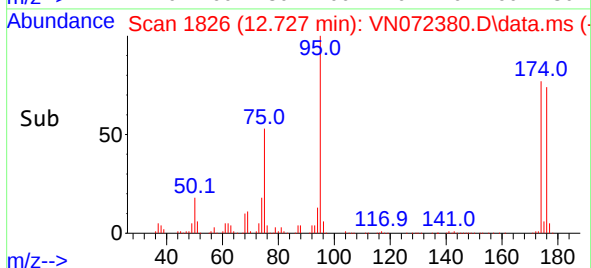
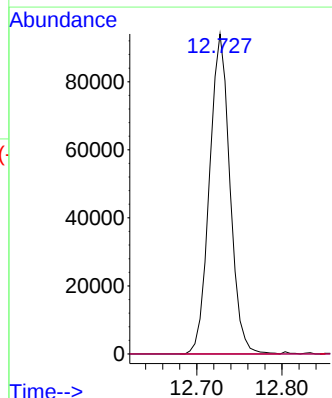
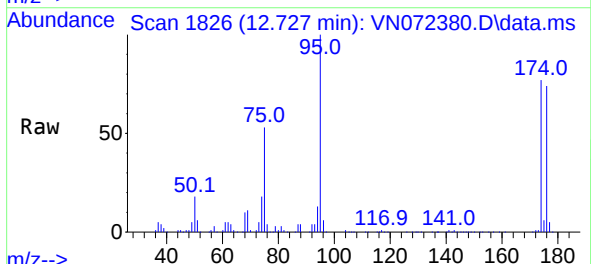
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

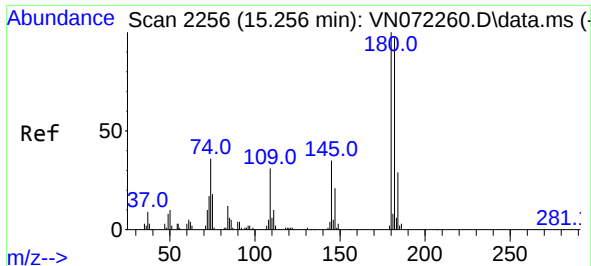
Tgt Ion: 75 Resp: 156550
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.082 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion: 75 Resp: 156550
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

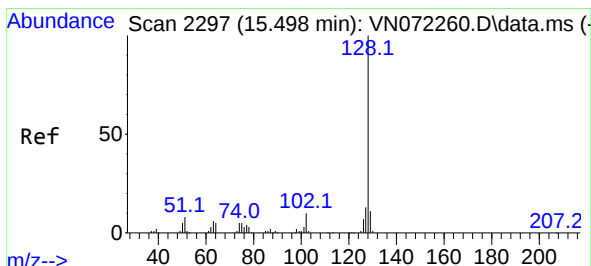
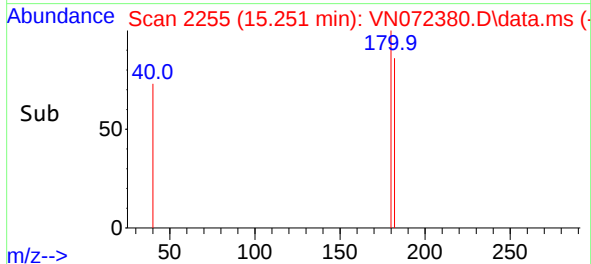
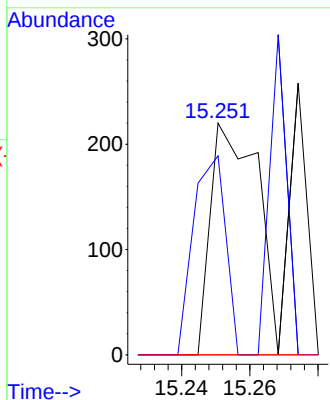
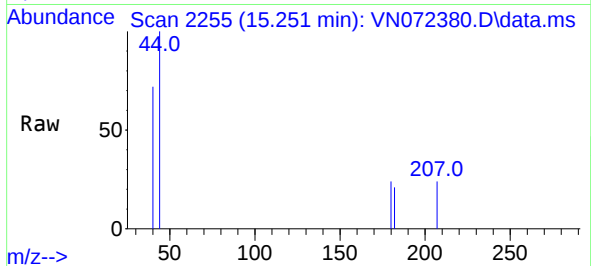




#93
1,2,4-Trichlorobenzene
Concen: 2.470 ug/l
RT: 15.251 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

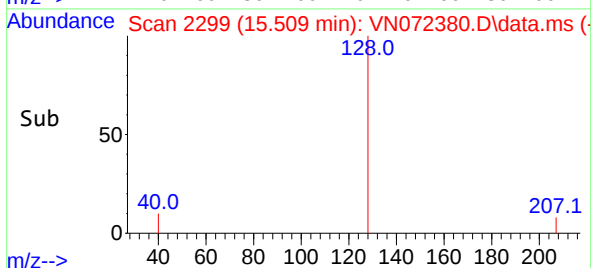
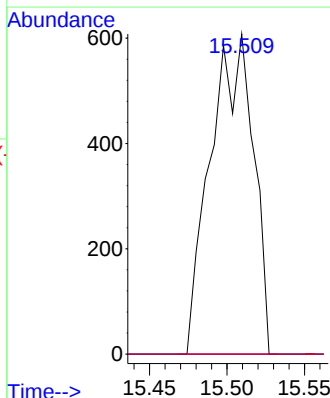
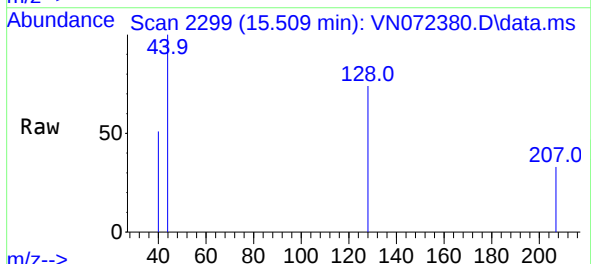
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

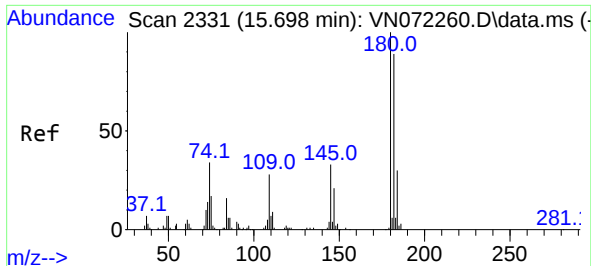
Tgt Ion:180 Resp: 211
Ion Ratio Lower Upper
180 100
182 58.8 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.378 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN072380.D
Acq: 09 May 2022 15:33

Tgt Ion:128 Resp: 1166
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: 2.687 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN072380.D

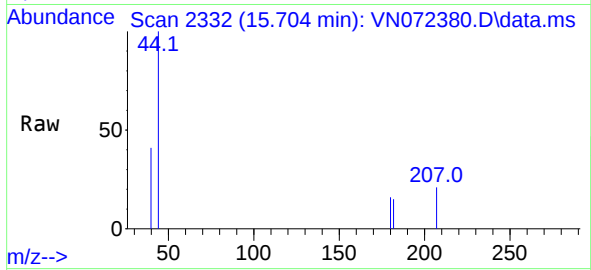
Acq: 09 May 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:180 Resp: 59

Ion Ratio Lower Upper

180 100

182 216.9 47.8 143.3#

145 0.0 15.5 46.5#

