

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072379.D
 Acq On : 09 May 2022 15:09
 Operator : JC\MD
 Sample : N2740-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 10 06:46:15 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)

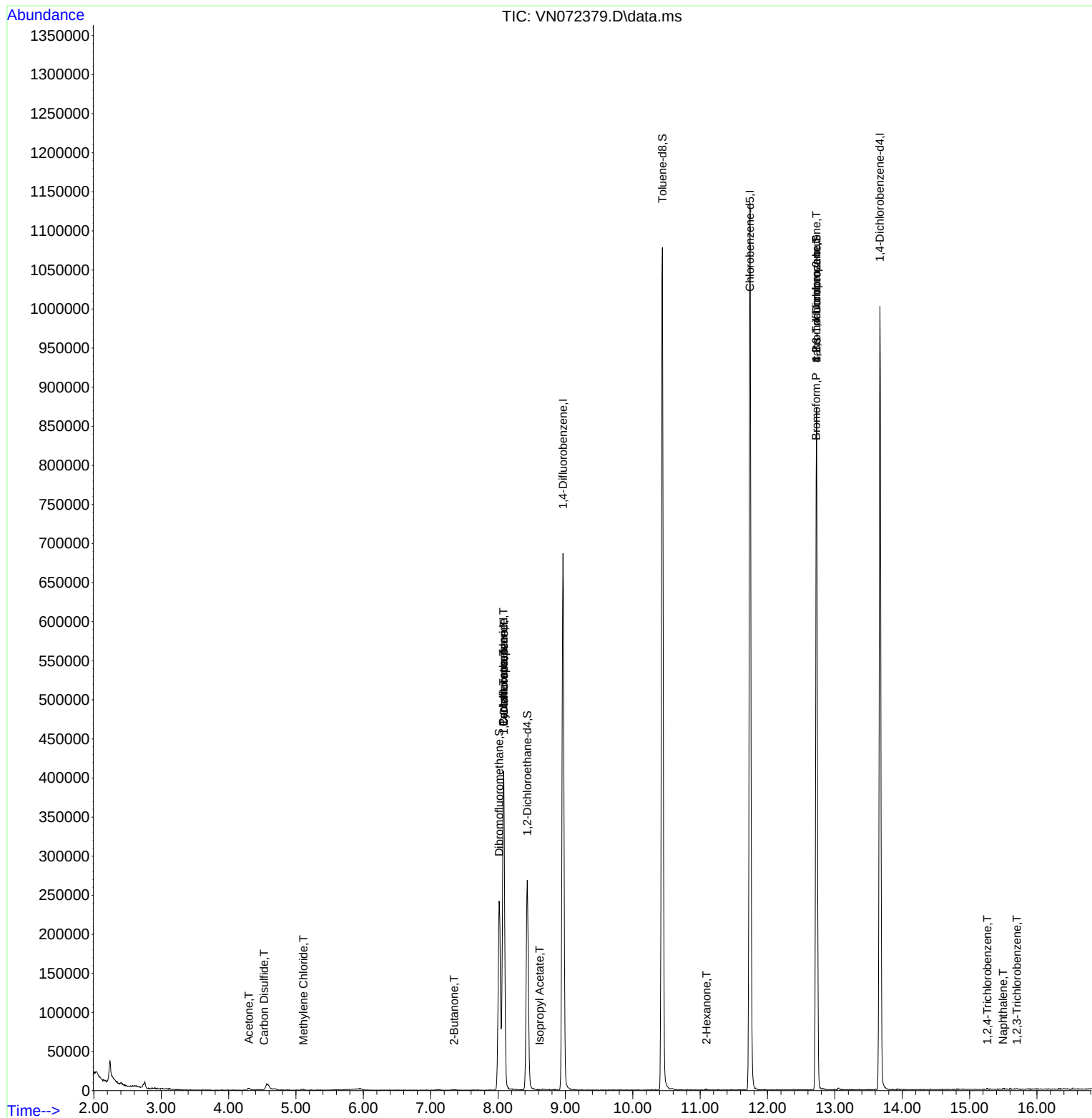
Internal Standards						
1) Pentafluorobenzene	8.081	168	306650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	596079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	660137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	270153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	227117	48.243	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.480%
35) Dibromofluoromethane	8.016	113	181215	47.498	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.000%
50) Toluene-d8	10.439	98	758528	50.597	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.727	95	309082	62.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.220%
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	1319	Below Cal		96
5) Bromomethane	2.857	94	267	Below Cal	#	2
6) Chloroethane	2.993	64	413	Below Cal	#	42
16) Acetone	4.298	43	2738	1.349	ug/l #	79
17) Carbon Disulfide	4.528	76	124	0.381	ug/l #	75
18) Methyl Acetate	4.822	43	63	Below Cal	#	48
20) Methylene Chloride	5.110	84	1307	0.336	ug/l #	62
25) 2-Butanone	7.345	43	1220	0.377	ug/l #	45
31) Cyclohexane	8.081	56	7289	1.159	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	25452	4.583	ug/l #	48
38) Carbon Tetrachloride	8.081	117	33873	5.695	ug/l #	17
43) Isopropyl Acetate	8.616	43	240	0.822	ug/l #	53
59) 2-Hexanone	11.092	43	1185	0.242	ug/l	77
71) Bromoform	12.721	173	1875	0.502	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.733	83	138	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	163634	26.946	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	163634	70.036	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	420	2.516	ug/l #	75
95) Naphthalene	15.498	128	1417	4.392	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.704	180	525	2.793	ug/l #	25

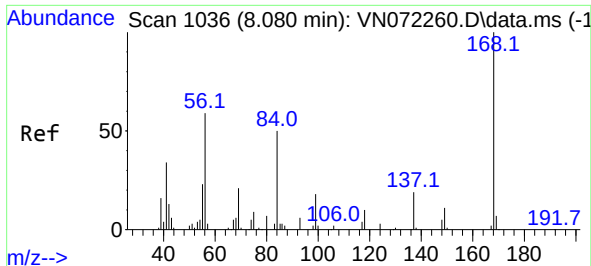
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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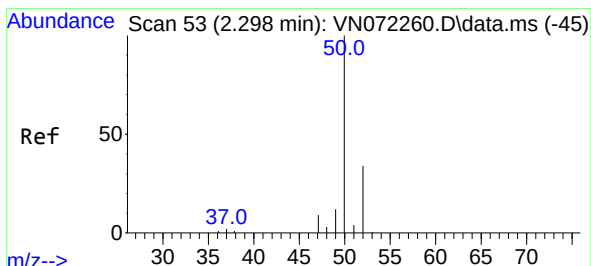
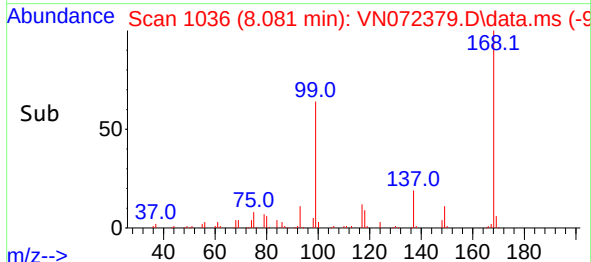
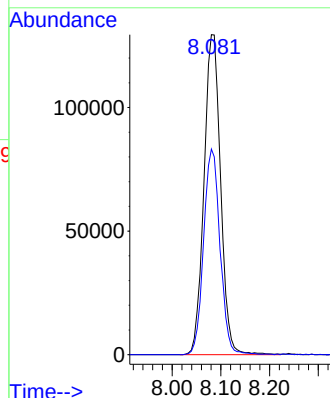
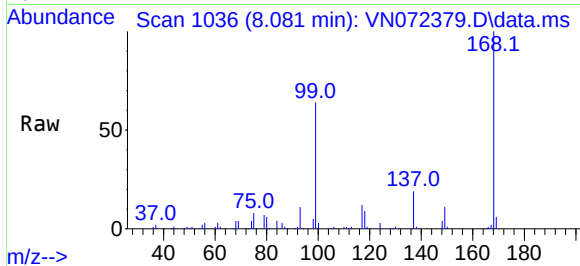




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

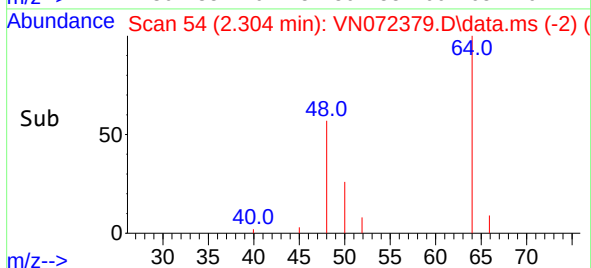
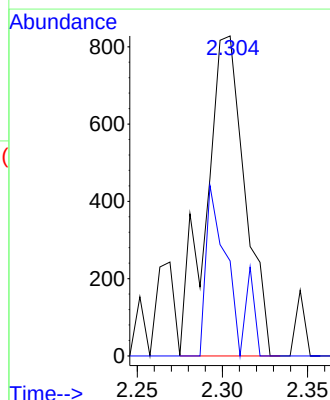
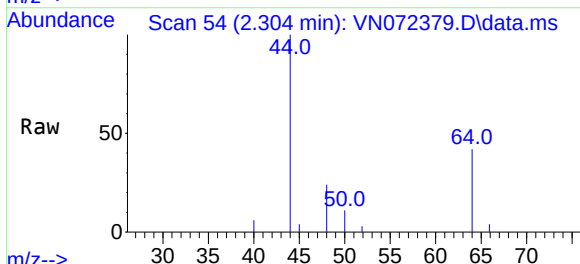
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

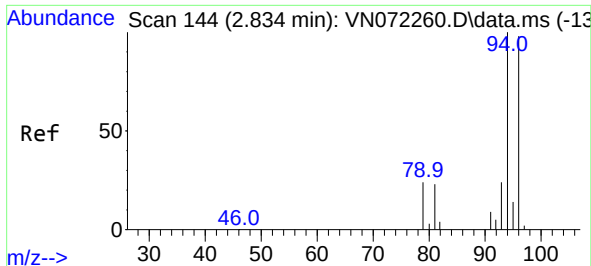
Tgt Ion:168 Resp: 306650
Ion Ratio Lower Upper
168 100
99 64.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 50 Resp: 1319
Ion Ratio Lower Upper
50 100
52 29.7 25.7 38.5

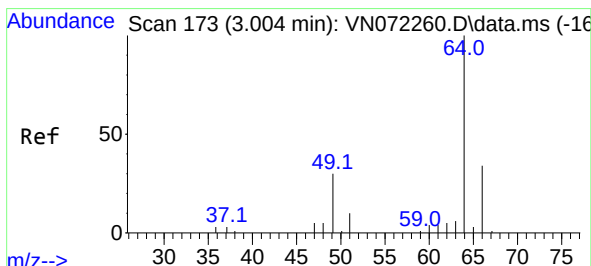
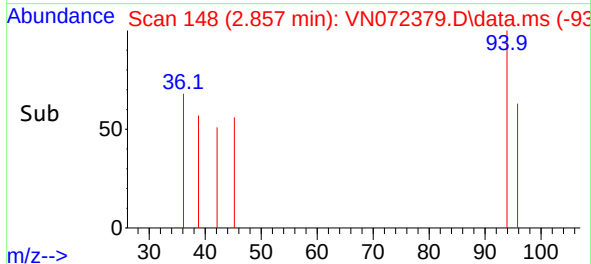
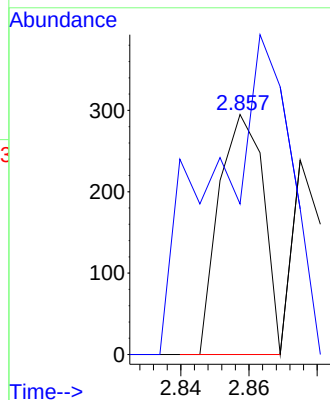
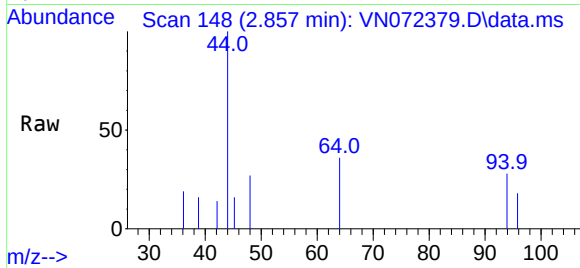




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 144
Delta R.T. 0.023 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

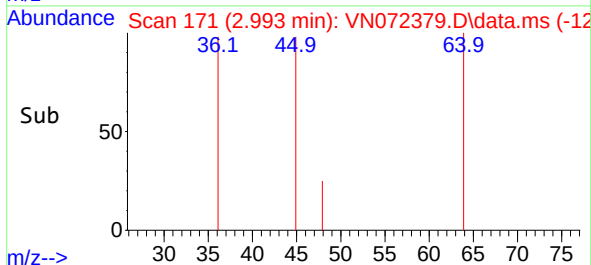
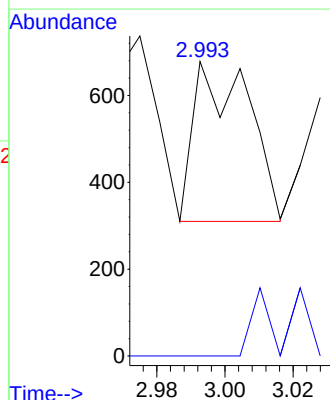
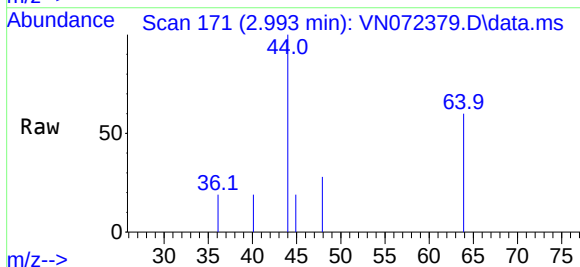
Instrument :
MSVOA_N
ClientSampleId :
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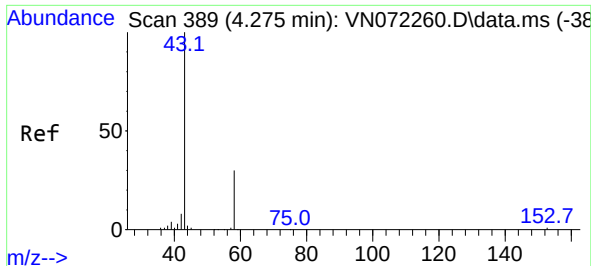
Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

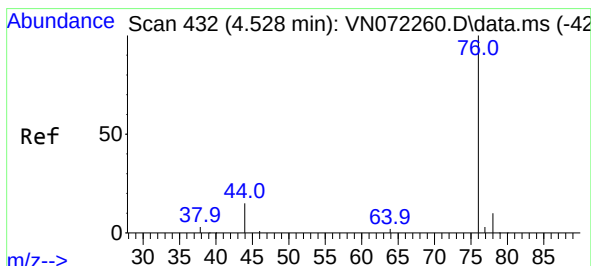
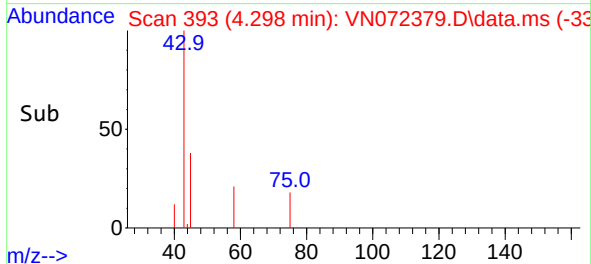
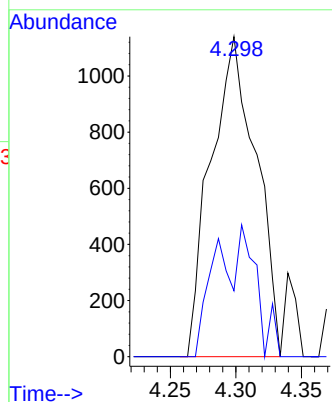
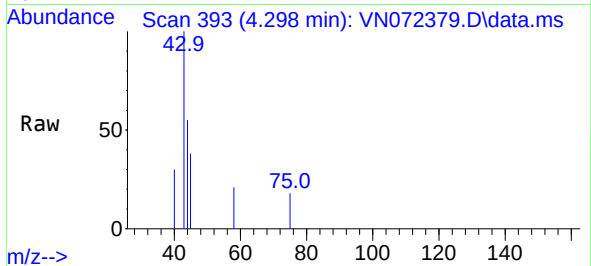




#16
Acetone
Concen: 1.349 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

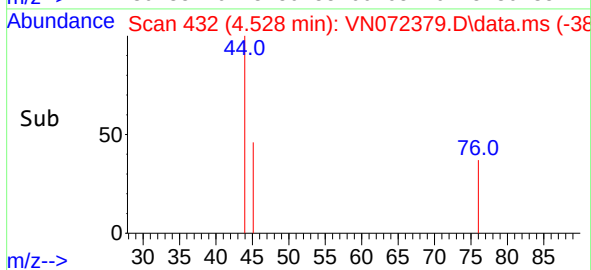
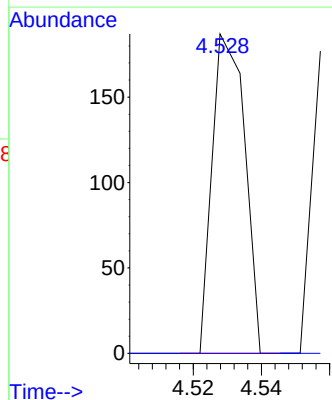
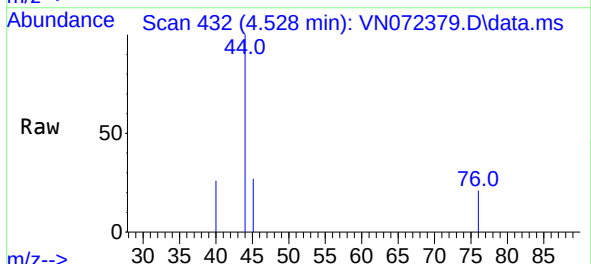
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

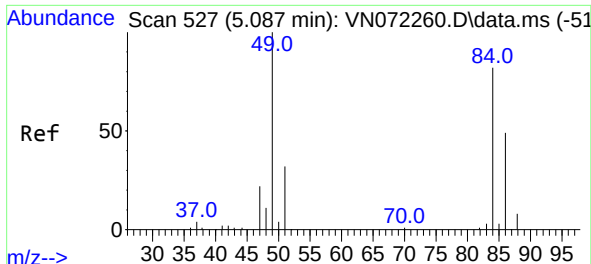
Tgt Ion: 43 Resp: 2738
Ion Ratio Lower Upper
43 100
58 20.6 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.381 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 76 Resp: 124
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

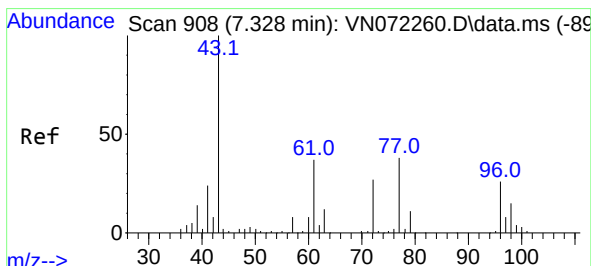
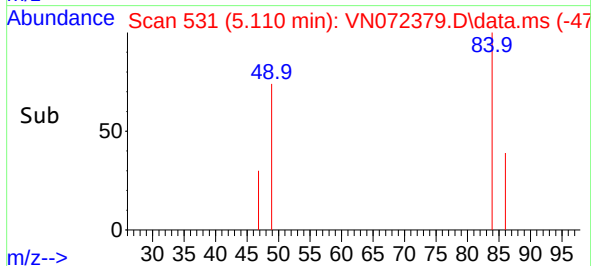
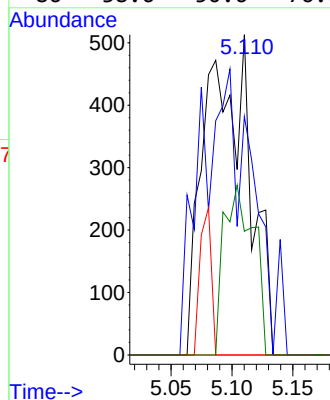
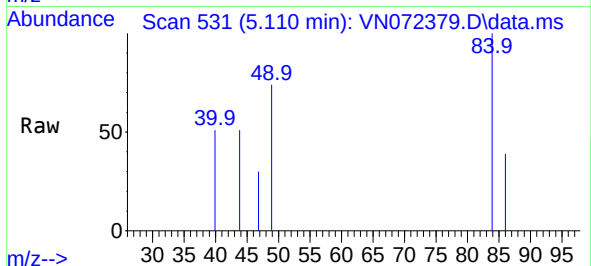




#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

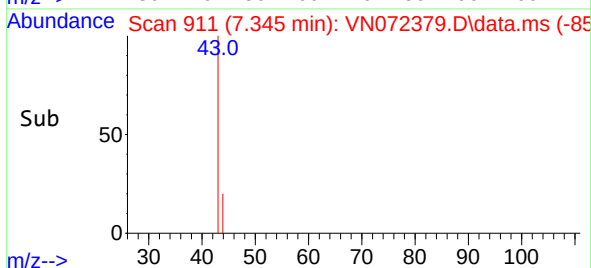
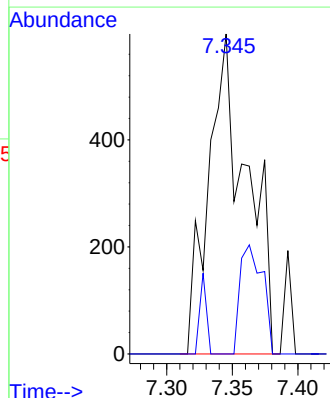
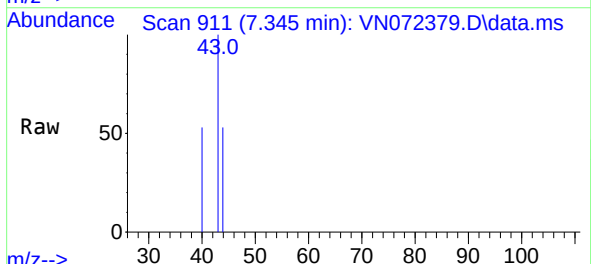
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

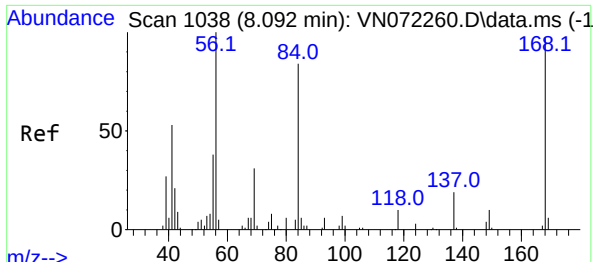
Tgt Ion: 84	Resp: 1307
Ion Ratio	Lower Upper
84 100	
49 74.5	88.3 132.5#
51 0.0	28.2 42.2#
86 38.6	50.6 76.0#



#25
2-Butanone
Concen: 0.377 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 43	Resp: 1220
Ion Ratio	Lower Upper
43 100	
72 0.0	23.7 35.5#

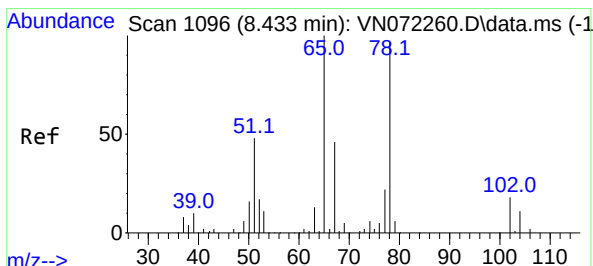
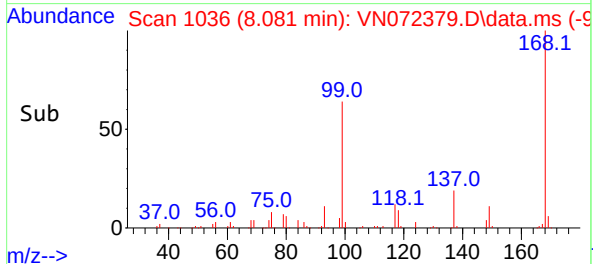
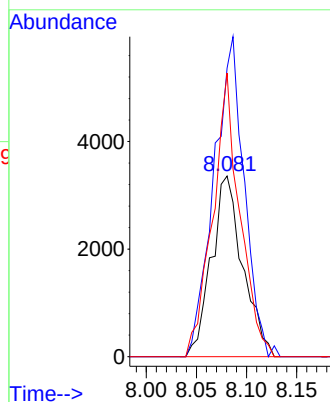
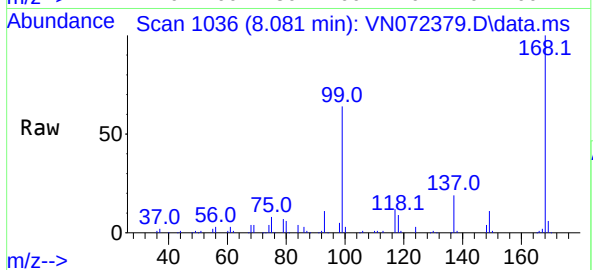




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

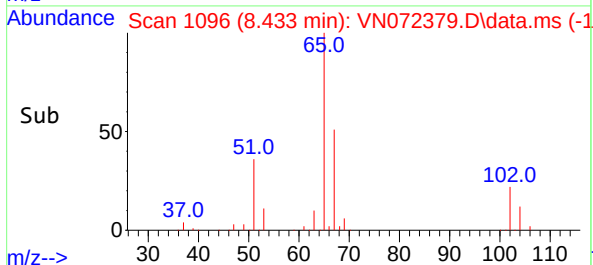
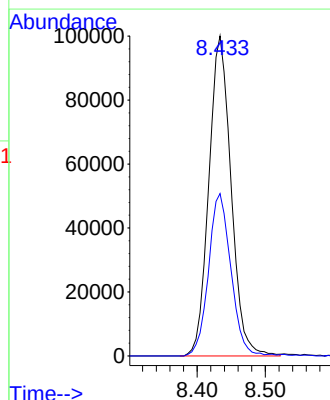
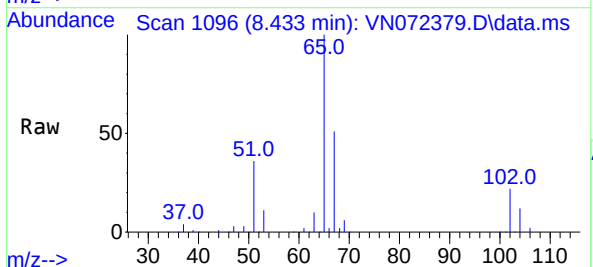
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STORAGE-BLANK-WATER-REF-4

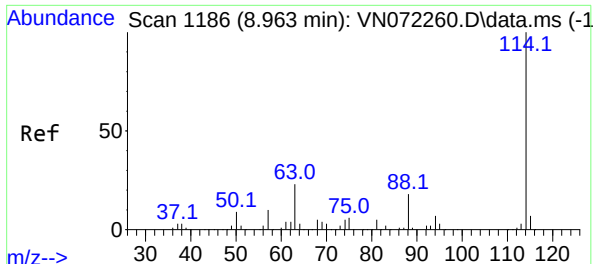
Tgt Ion: 56 Resp: 7289
Ion Ratio Lower Upper
56 100
69 159.7 27.8 41.8#
84 157.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.243 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 65 Resp: 227117
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

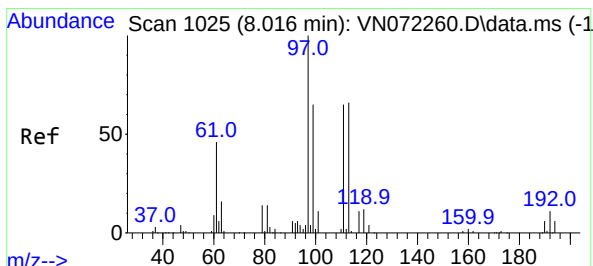
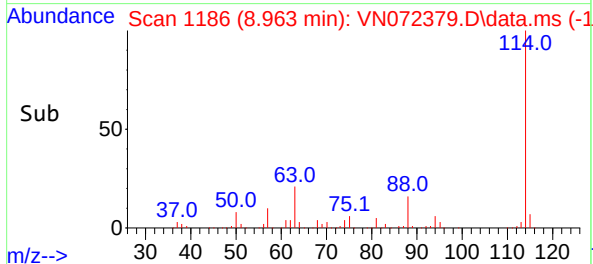
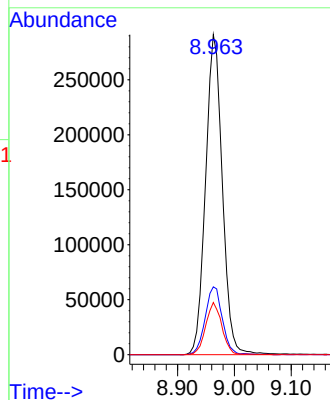
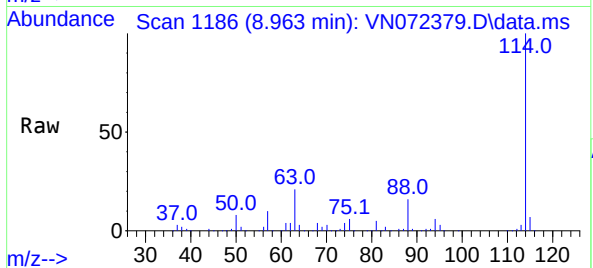




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

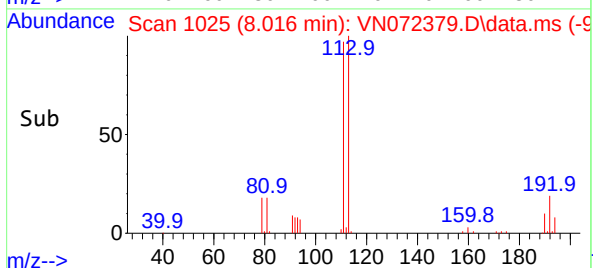
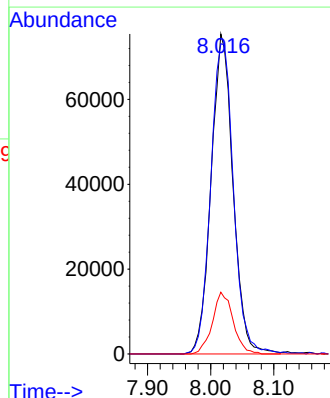
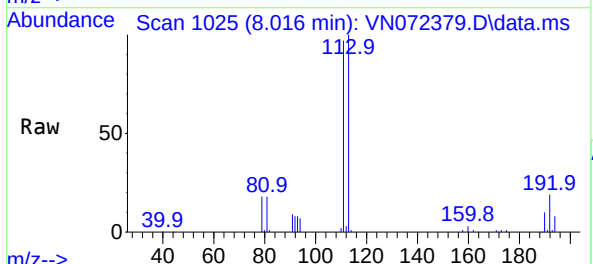
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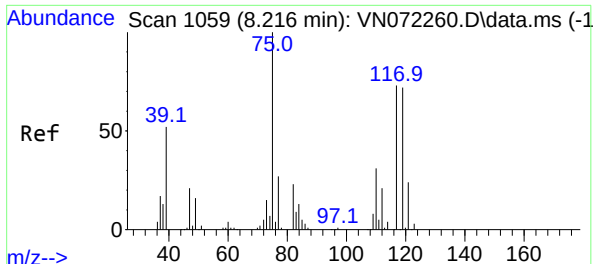
Tgt Ion:114 Resp: 596079
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.498 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion:113 Resp: 181215
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.583 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072379.D

Acq: 09 May 2022 15:09

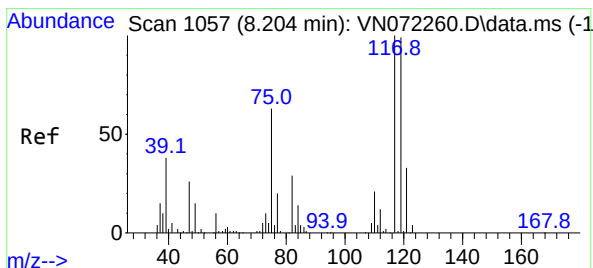
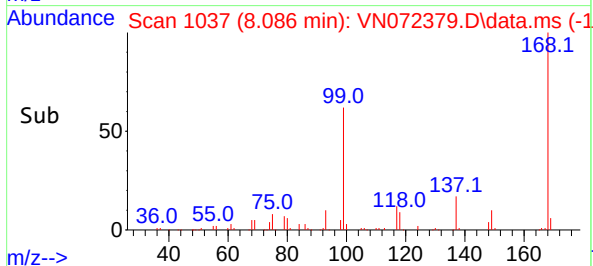
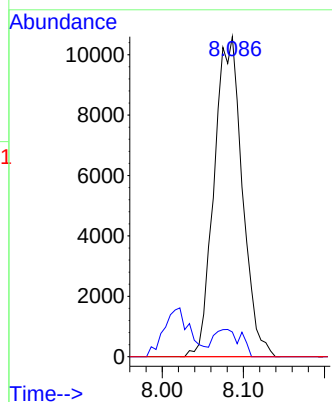
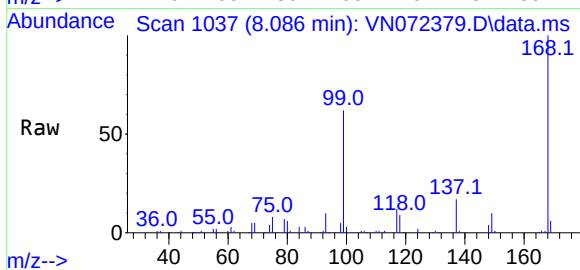
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion:	75	Resp:	25452
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.695 ug/l

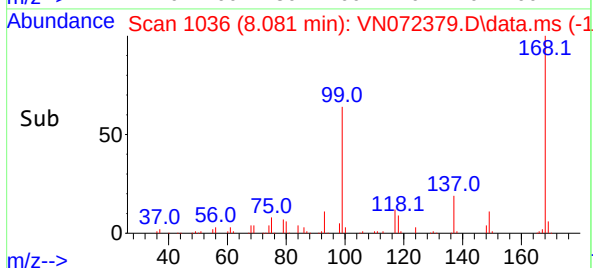
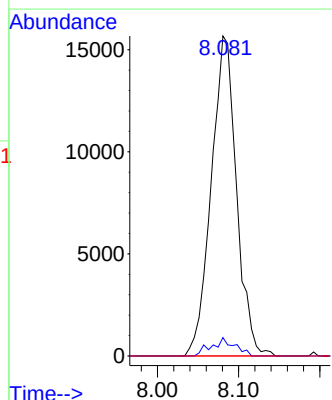
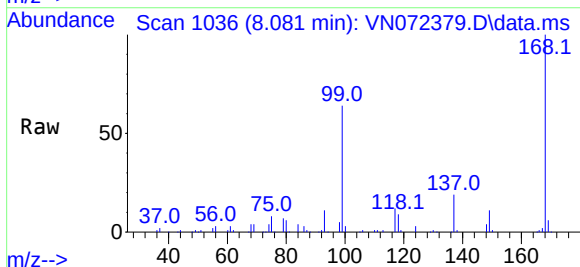
RT: 8.081 min Scan# 1036

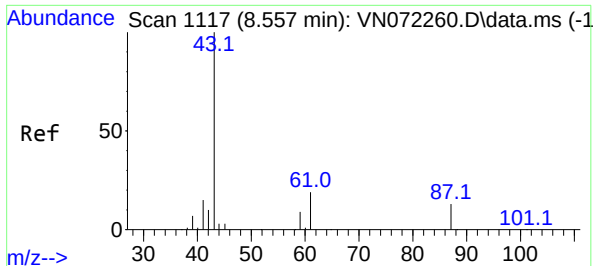
Delta R.T. -0.123 min

Lab File: VN072379.D

Acq: 09 May 2022 15:09

Tgt Ion:	117	Resp:	33873
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.8	113.8#
121	0.0	24.6	37.0#

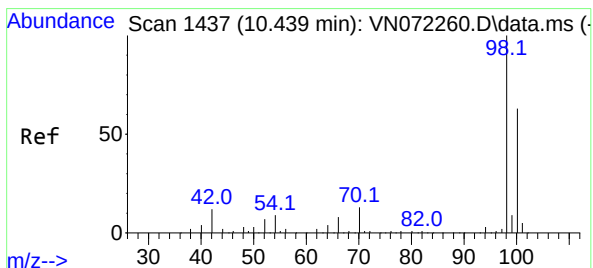
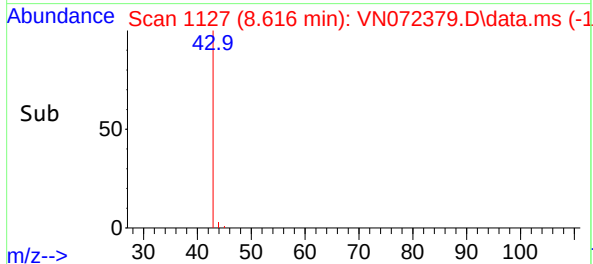
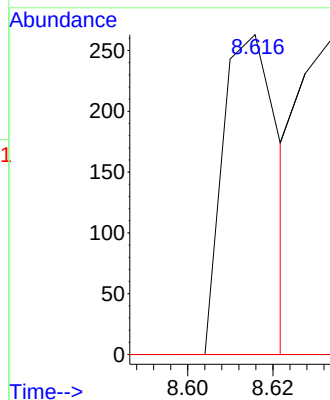
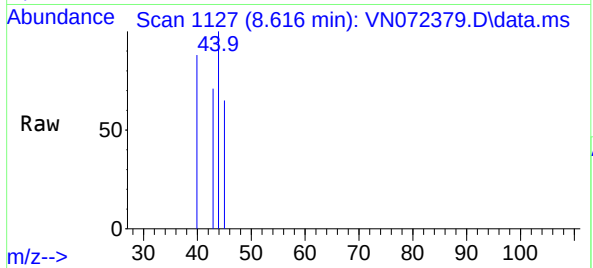




#43
Isopropyl Acetate
Concen: 0.822 ug/l
RT: 8.616 min Scan# 1117
Delta R.T. 0.059 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

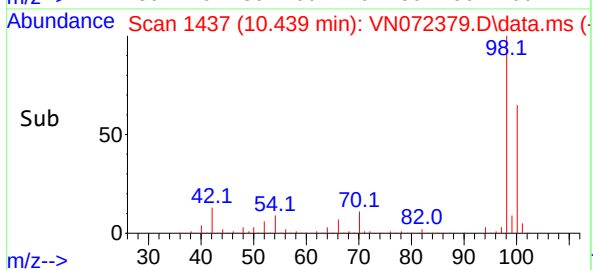
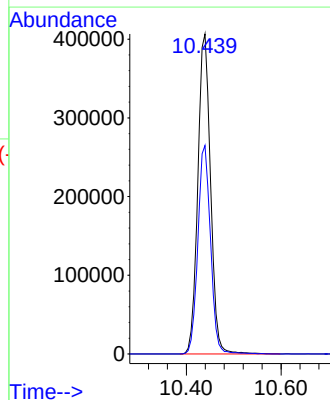
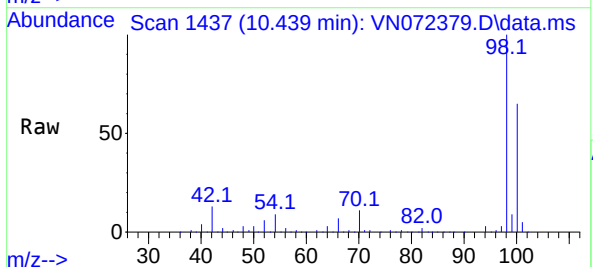
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

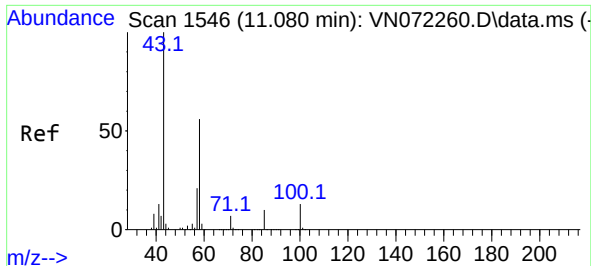
Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 50.597 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 98 Resp: 758528
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

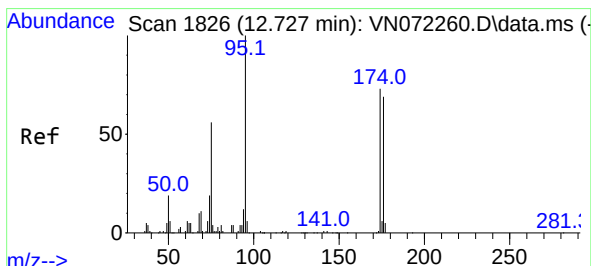
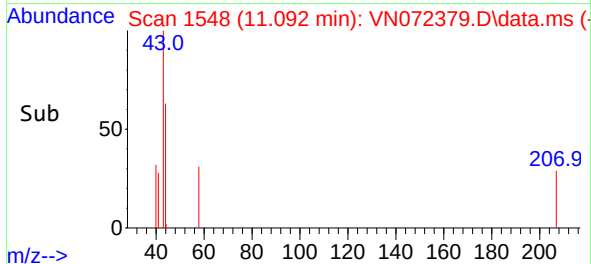
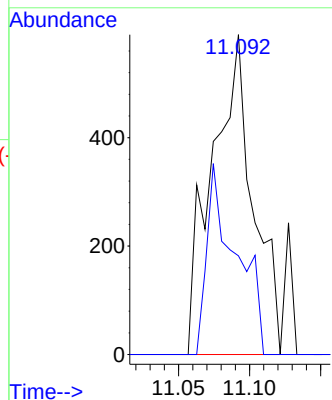
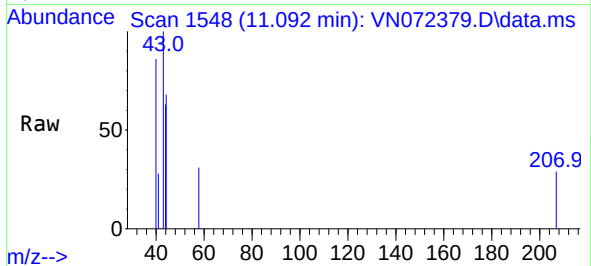




#59
2-Hexanone
Concen: 0.242 ug/l
RT: 11.092 min Scan# 1185
Delta R.T. 0.011 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

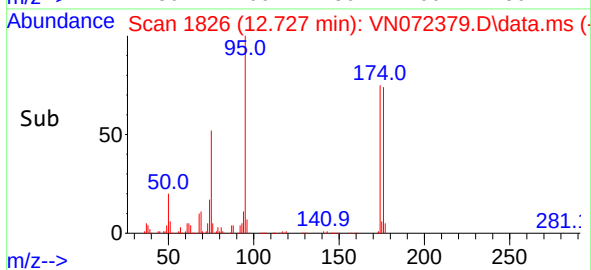
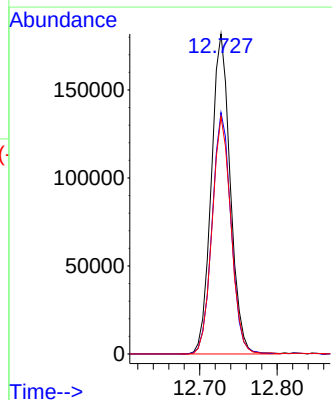
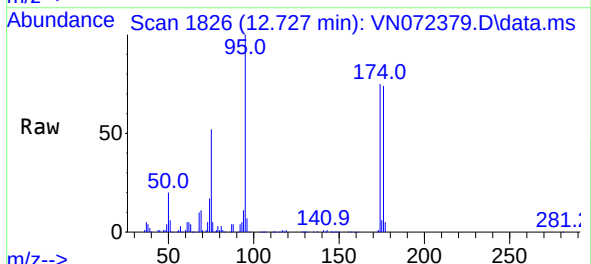
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

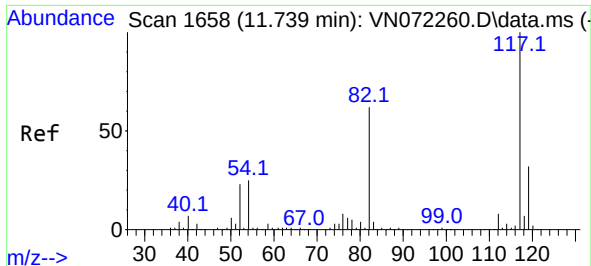
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 42.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 62.114 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 95 Resp: 309082
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 73.7 0.0 163.4

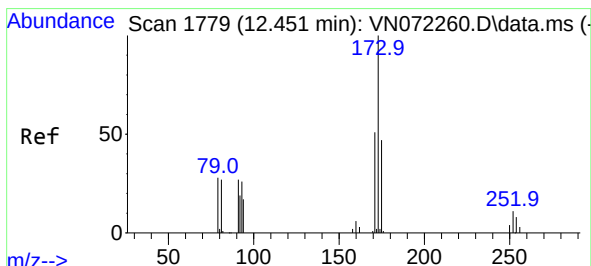
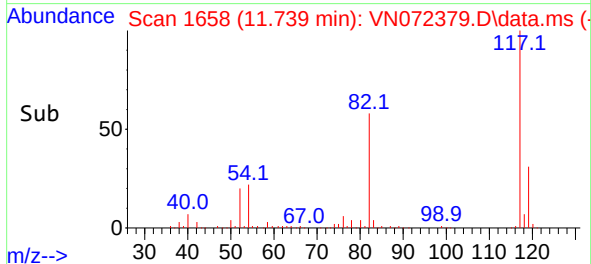
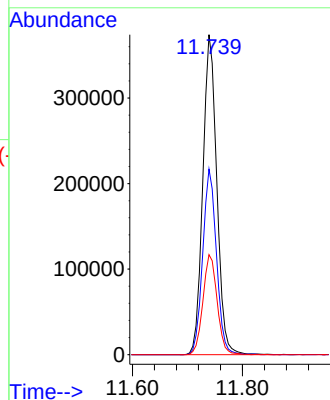
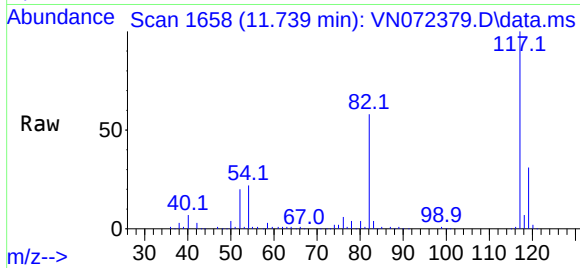




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

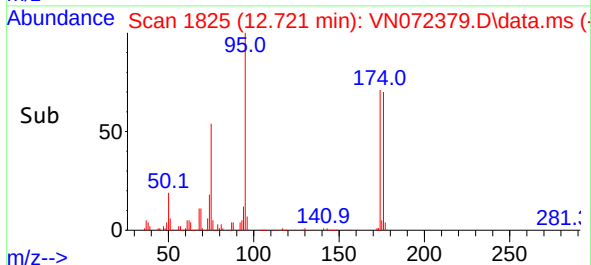
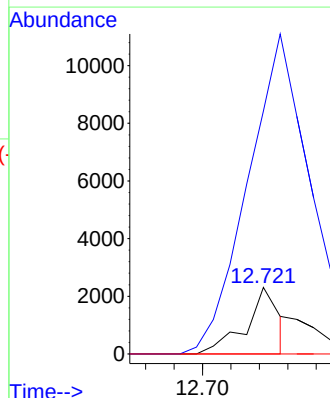
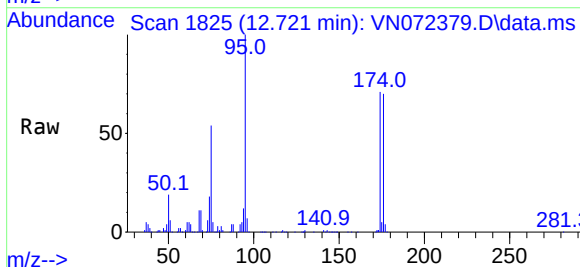
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

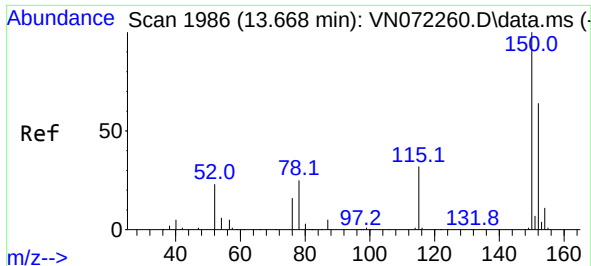
Tgt Ion:117 Resp: 660137
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 31.3 25.4 38.0



#71
Bromoform
Concen: 0.502 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion:173 Resp: 1875
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

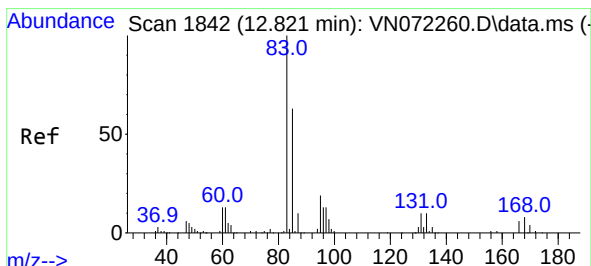
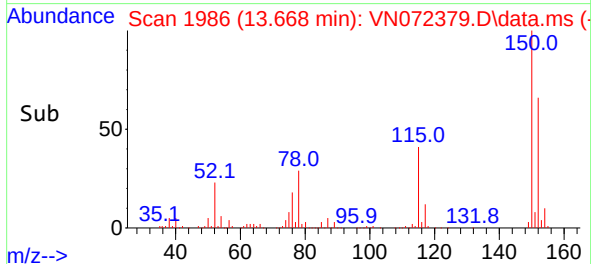
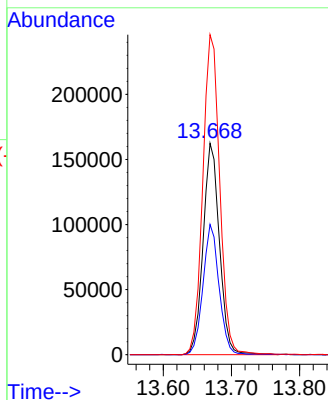
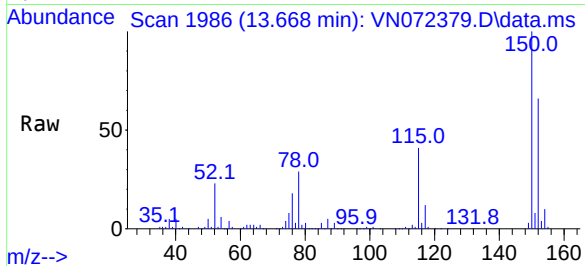




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

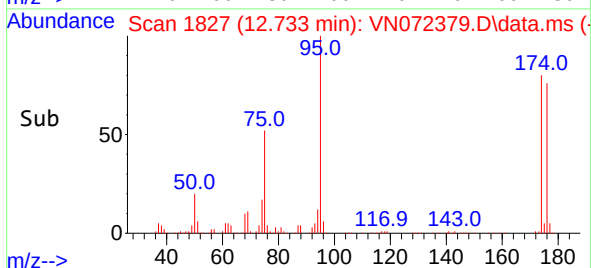
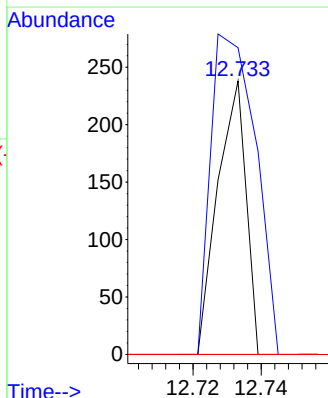
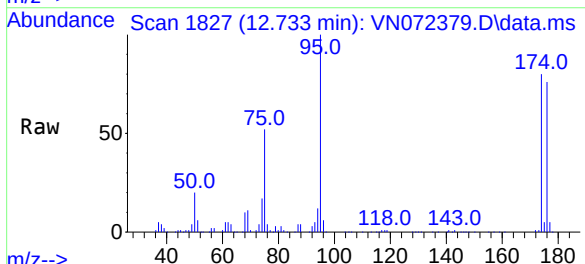
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

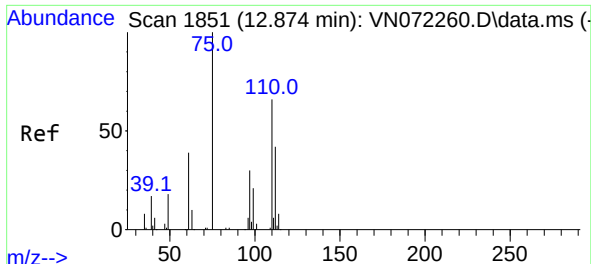
Tgt Ion:152 Resp: 270153
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 157.2 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.733 min Scan# 1827
Delta R.T. -0.089 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 83 Resp: 138
Ion Ratio Lower Upper
83 100
131 184.8 5.3 15.9#
85 0.0 32.3 96.9#

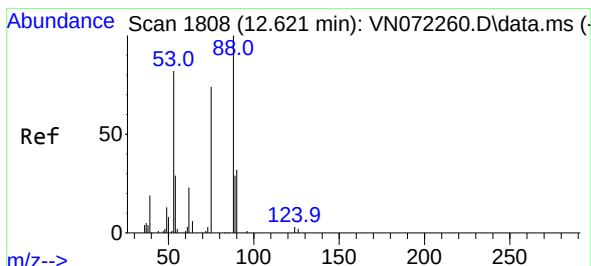
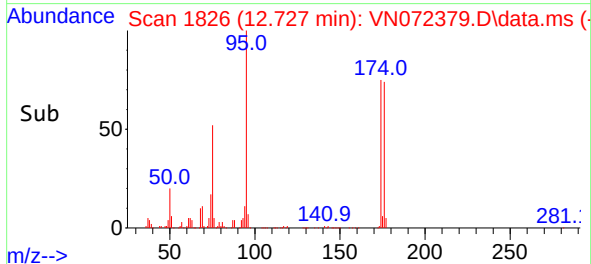
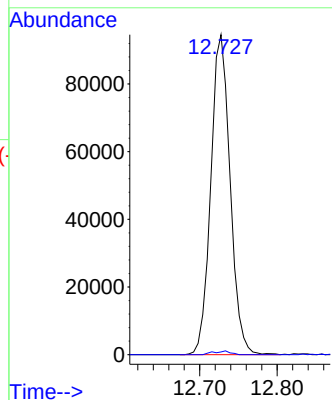
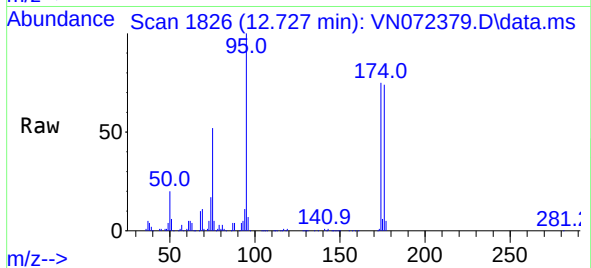




#76
1,2,3-Trichloropropane
Concen: 26.946 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

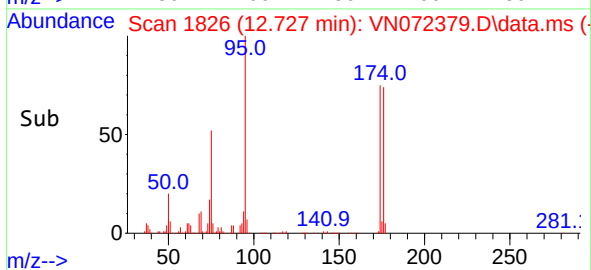
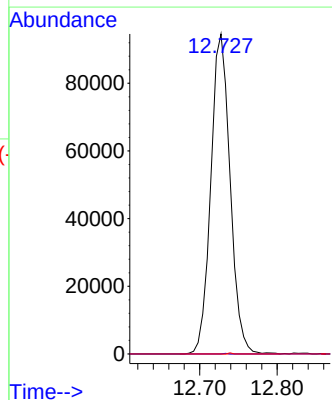
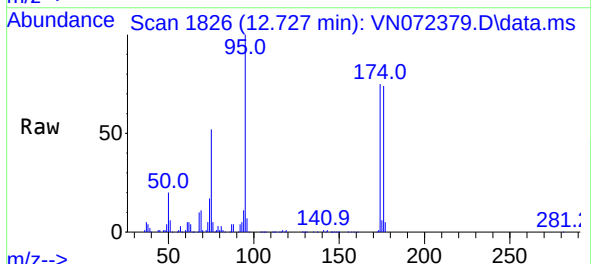
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

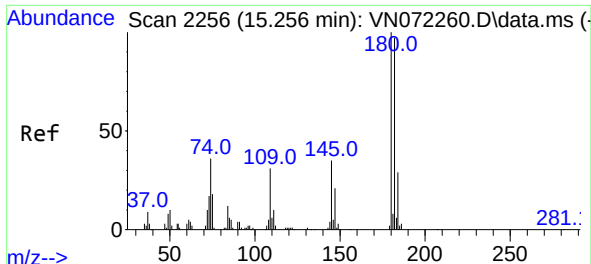
Tgt Ion: 75 Resp: 163634
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.036 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

Tgt Ion: 75 Resp: 163634
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

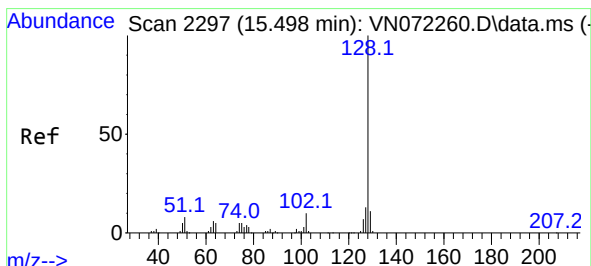
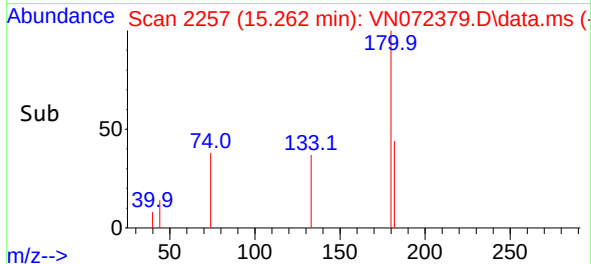
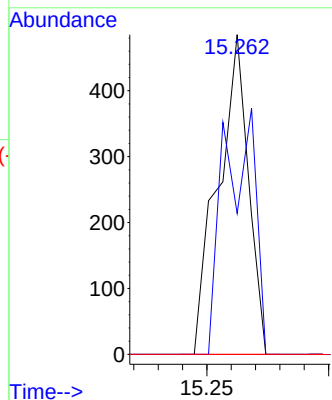
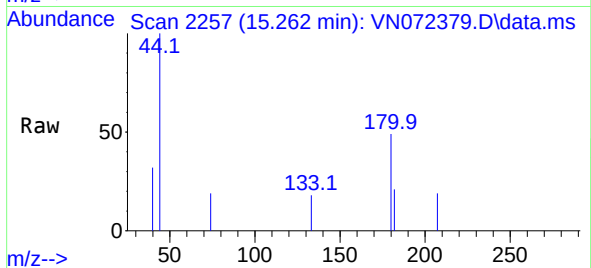




#93
1,2,4-Trichlorobenzene
Concen: 2.516 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

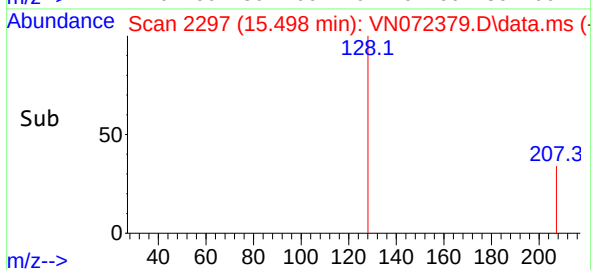
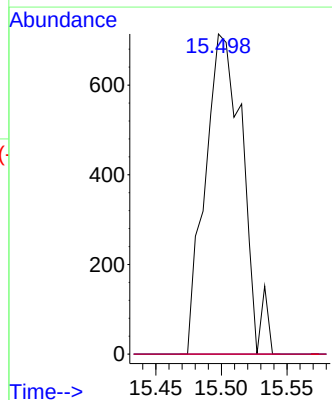
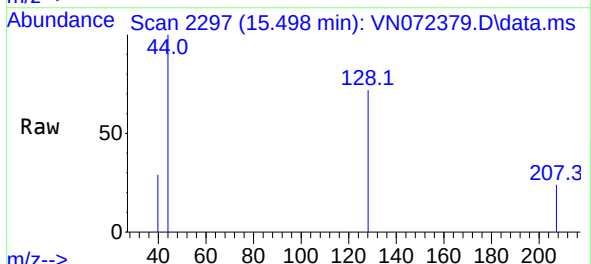
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

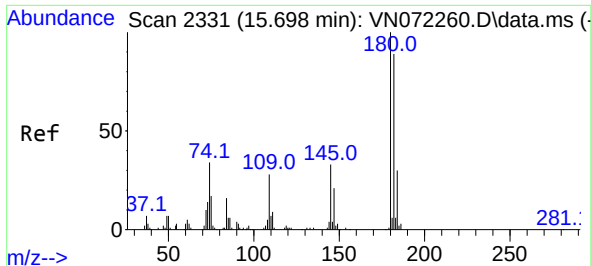
Tgt Ion:180 Resp: 420
Ion Ratio Lower Upper
180 100
182 78.8 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.392 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072379.D
Acq: 09 May 2022 15:09

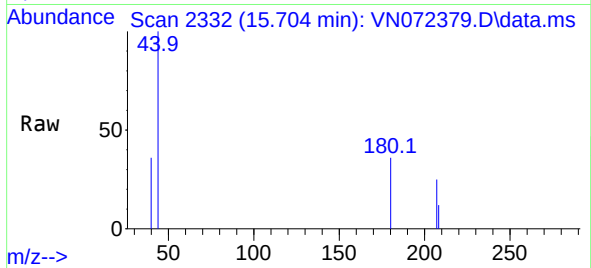
Tgt Ion:128 Resp: 1417
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.793 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN072379.D
 Acq: 09 May 2022 15:09

Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-WATER-REF-4



Tgt Ion:	180	Resp:	525
Ion	Ratio	Lower	Upper
180	100		
182	10.5	47.8	143.3#
145	10.3	15.5	46.5#

