

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081345.D
 Acq On : 08 Mar 2024 14:38
 Operator : JC\MD
 Sample : P1717-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 09 00:57:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

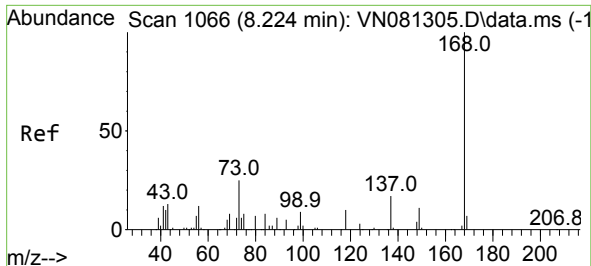
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	298707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222127	51.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.860%	
35) Dibromofluoromethane	8.171	113	172780	51.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	10.571	98	643620	51.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	12.853	95	206293	46.944	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1116	0.374	ug/l	81
16) Acetone	4.448	43	3346	2.187	ug/l #	84
20) Methylene Chloride	5.289	84	436	Below Cal	#	41
31) Cyclohexane	8.224	56	8094	1.238	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	26962	5.025	ug/l #	52
38) Carbon Tetrachloride	8.230	117	33864	6.271	ug/l #	16
43) Isopropyl Acetate	8.700	43	3144	0.342	ug/l #	57
51) 4-Methyl-2-Pentanone	10.571	43	3468	0.651	ug/l #	1
71) Bromoform	12.853	173	1374	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114430	26.479	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114430	73.899	ug/l #	14

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

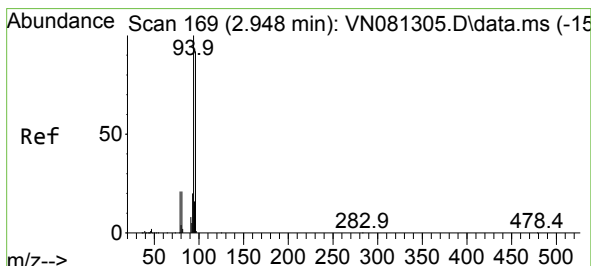
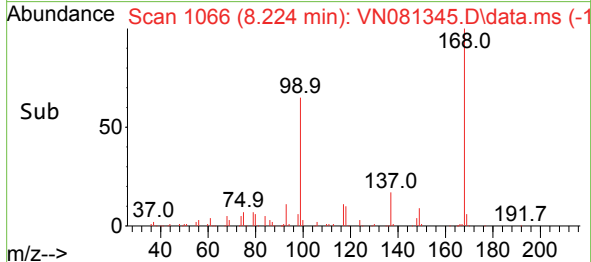
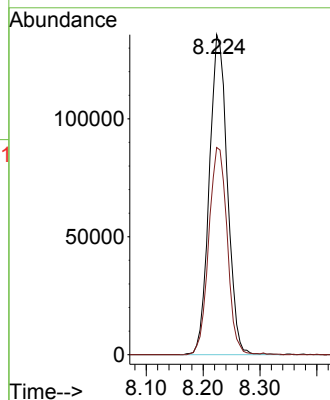
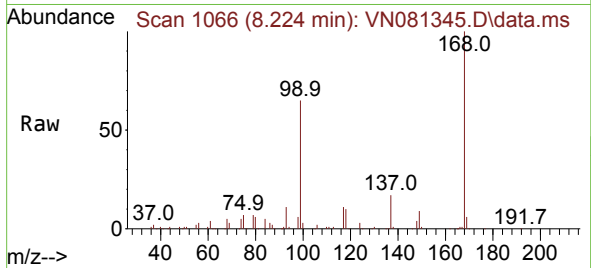




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

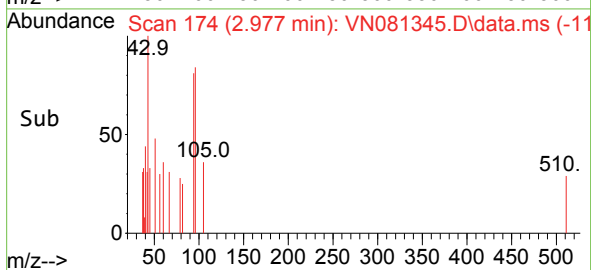
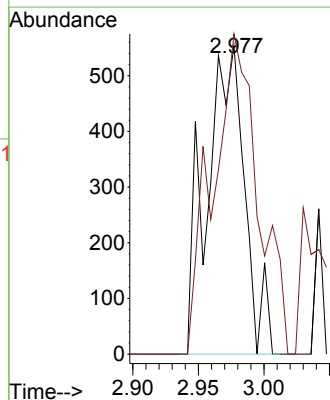
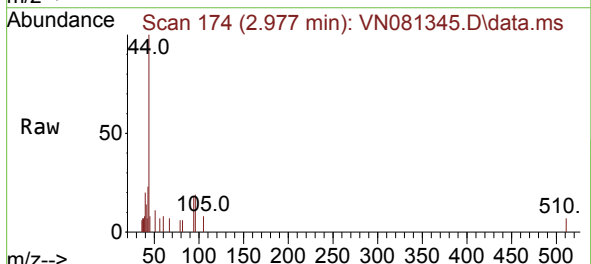
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

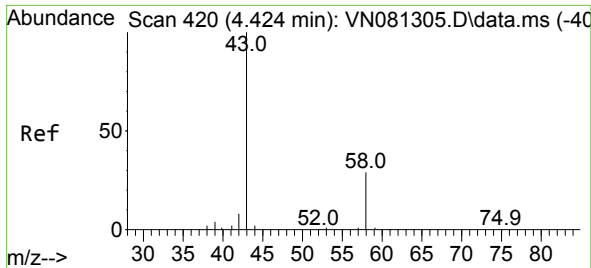
Tgt Ion:168 Resp: 298707
Ion Ratio Lower Upper
168 100
99 64.7 59.9 89.9



#5
Bromomethane
Concen: 0.374 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion: 94 Resp: 1116
Ion Ratio Lower Upper
94 100
96 103.8 69.2 103.8





#16

Acetone

Concen: 2.187 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN081345.D

Acq: 08 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

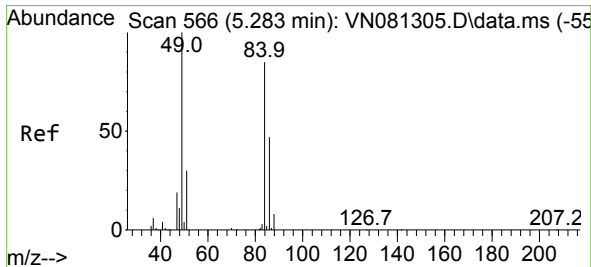
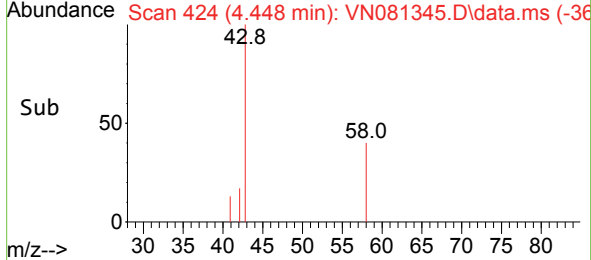
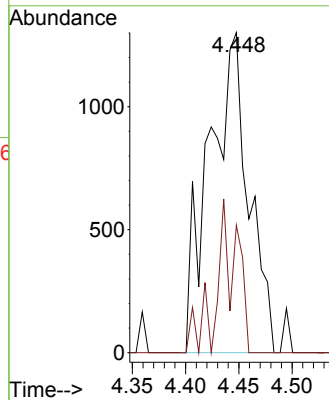
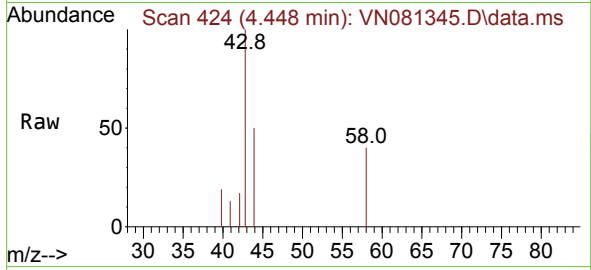
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 3346

Ion Ratio Lower Upper

43 100

58 39.8 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN081345.D

Acq: 08 Mar 2024 14:38

Tgt Ion: 84 Resp: 436

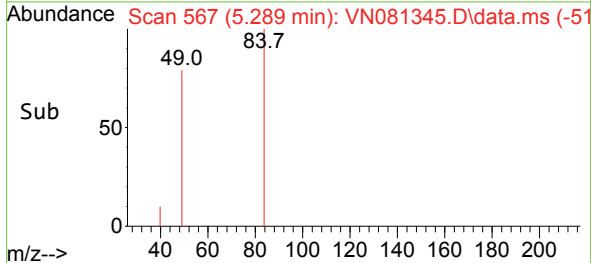
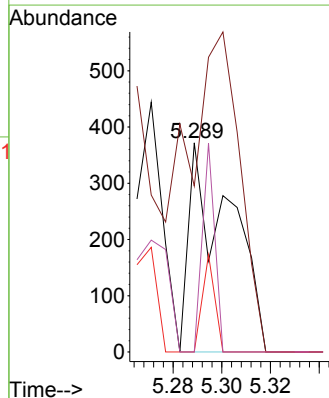
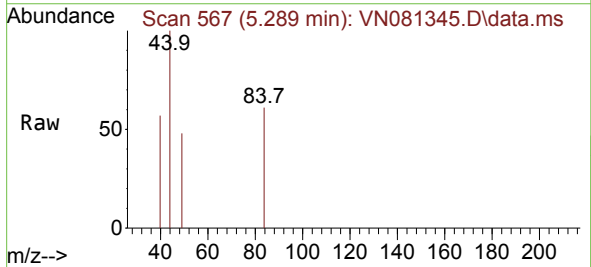
Ion Ratio Lower Upper

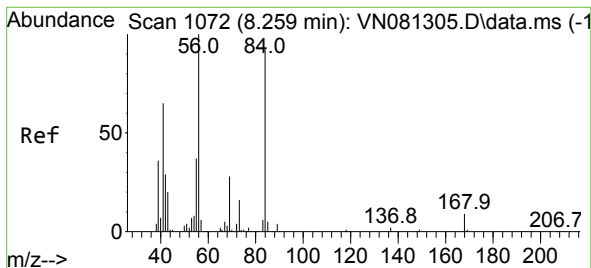
84 100

49 79.3 108.1 162.1#

51 0.0 32.9 49.3#

86 0.0 48.6 73.0#





#31

Cyclohexane

Concen: 1.238 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081345.D

Acq: 08 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

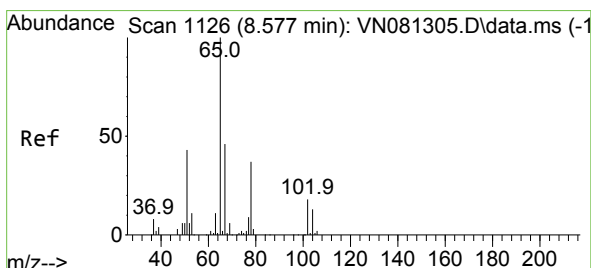
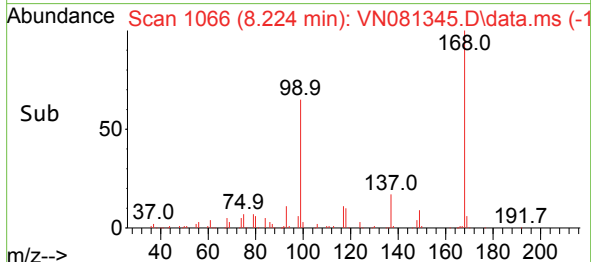
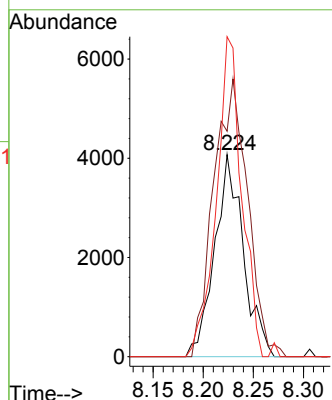
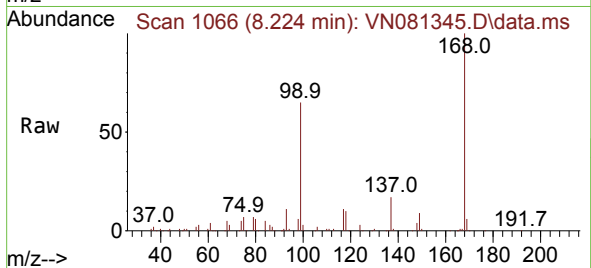
Tgt Ion: 56 Resp: 8094

Ion Ratio Lower Upper

56 100

69 111.6 20.1 30.1#

84 158.4 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 51.431 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081345.D

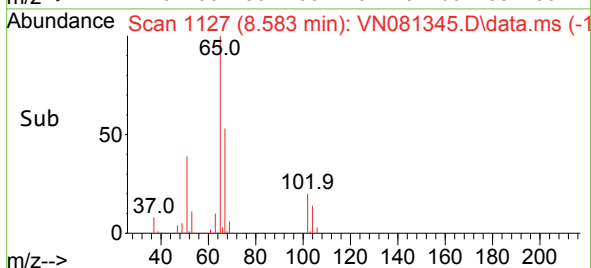
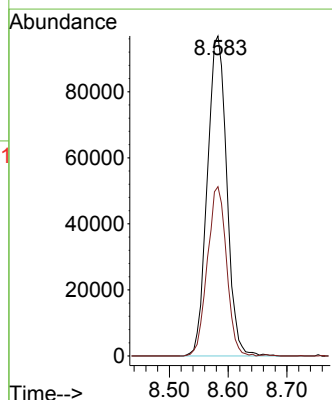
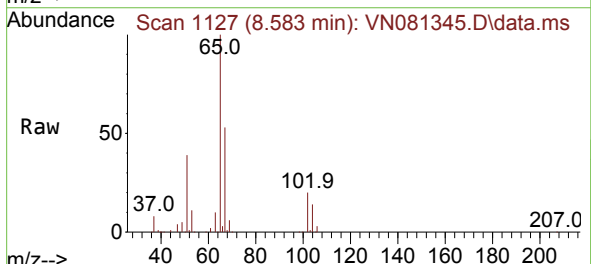
Acq: 08 Mar 2024 14:38

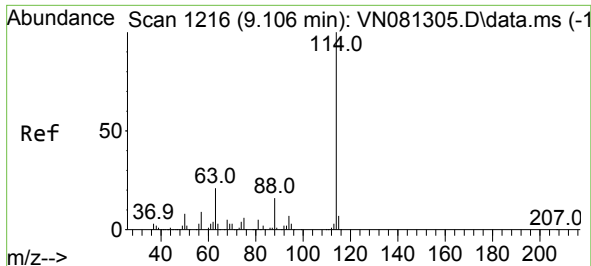
Tgt Ion: 65 Resp: 222127

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4

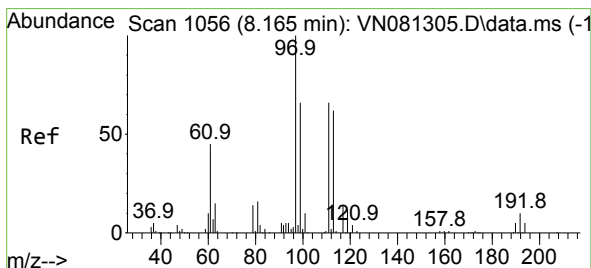
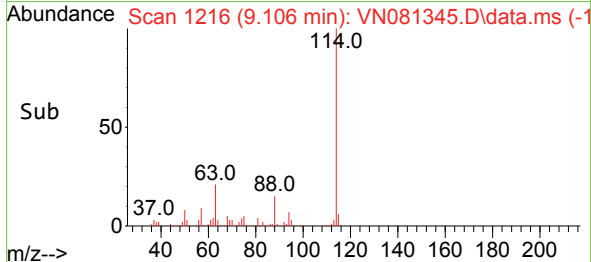
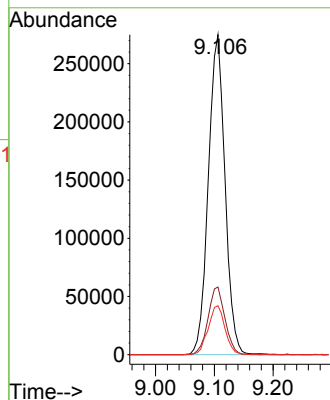
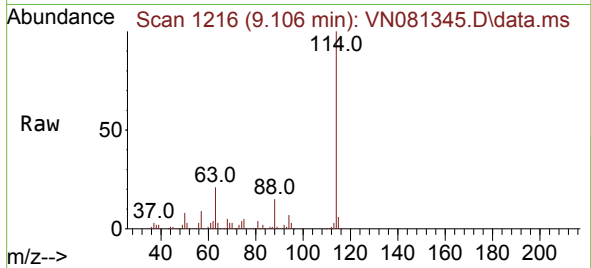




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

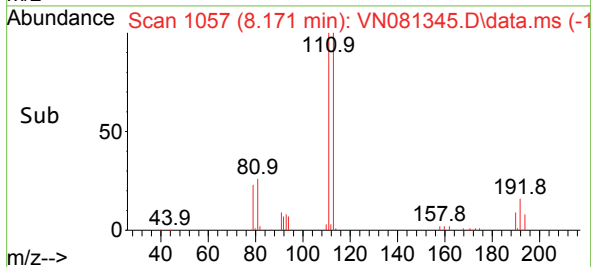
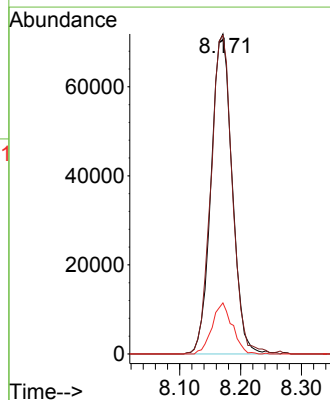
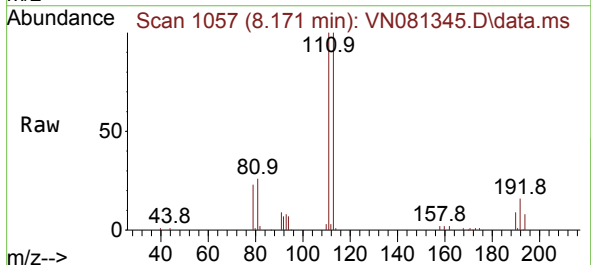
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MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

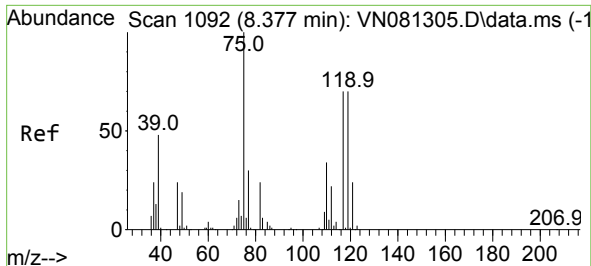
Tgt Ion:	114	Resp:	542873
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	48.0
88	15.3	0.0	34.8



#35
Dibromofluoromethane
Concen: 51.948 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion:	113	Resp:	172780
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.2	123.4
192	15.4	12.5	18.7

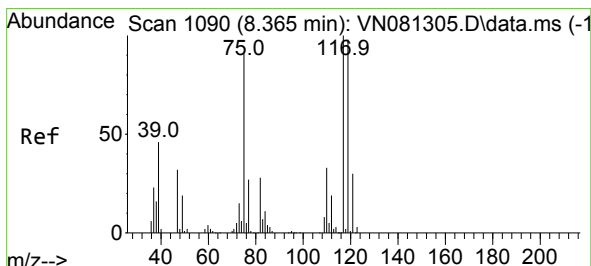
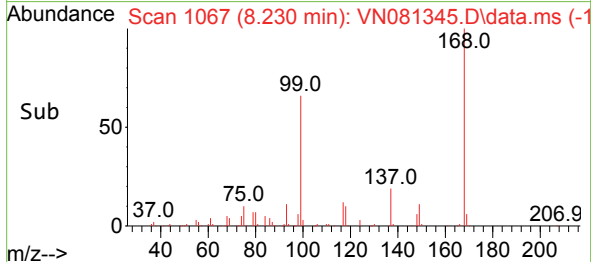
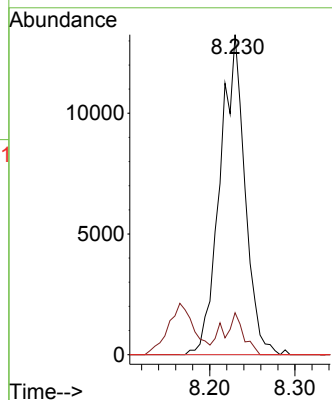
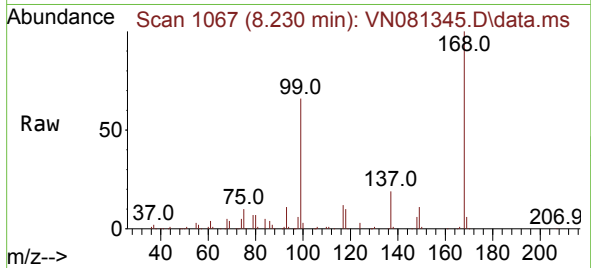




#36
1,1-Dichloropropene
Concen: 5.025 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

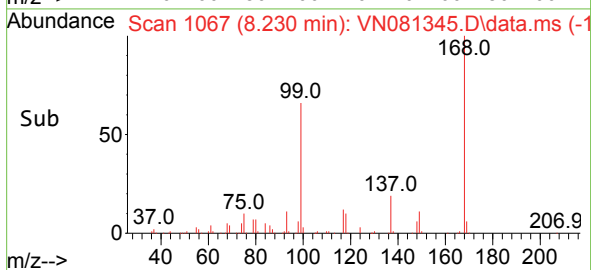
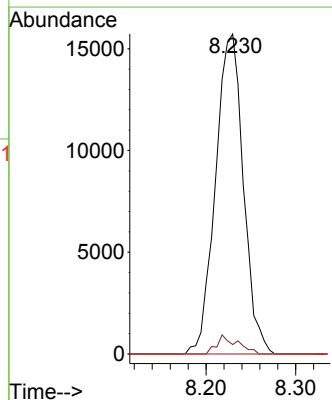
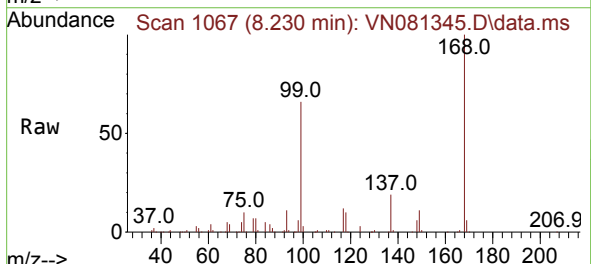
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

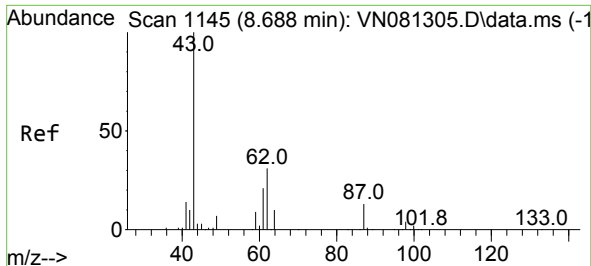
Tgt Ion: 75 Resp: 26962
Ion Ratio Lower Upper
75 100
110 10.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion: 117 Resp: 33864
Ion Ratio Lower Upper
117 100
119 3.0 73.4 110.2#
121 0.0 24.4 36.6#

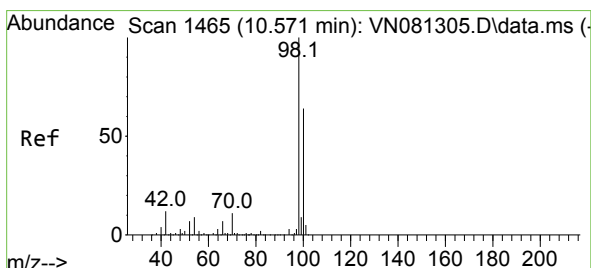
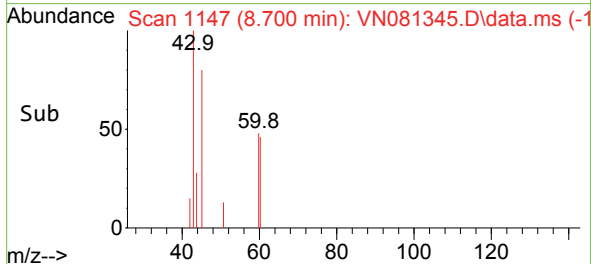
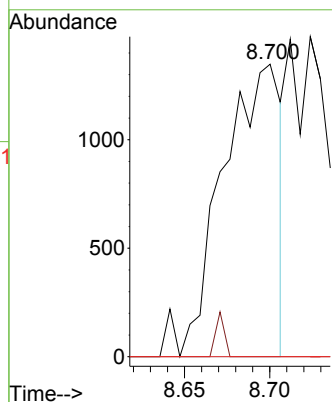
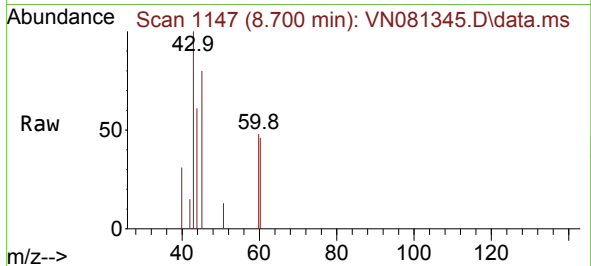




#43
Isopropyl Acetate
Concen: 0.342 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

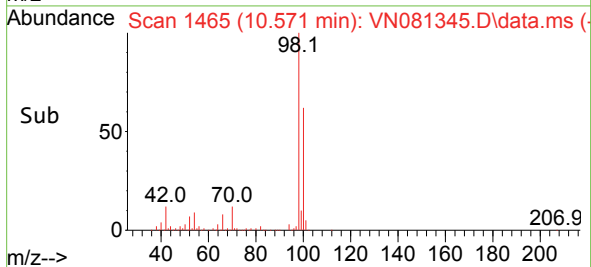
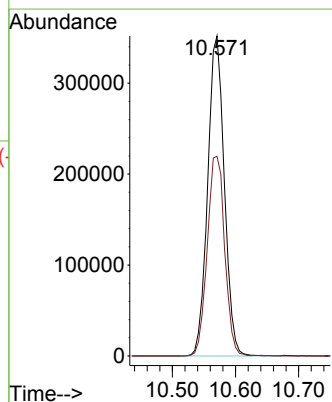
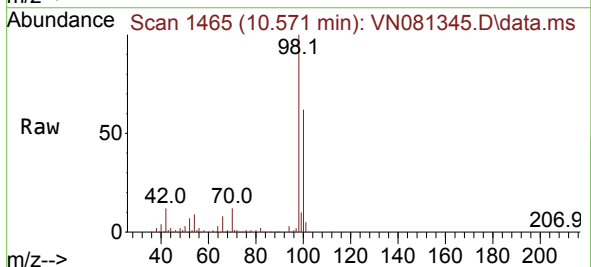
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STORAGE-BLANK-WATER-REF-4

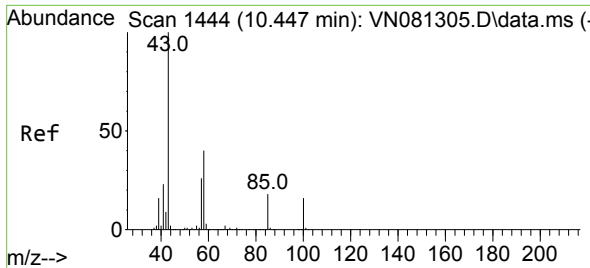
Tgt Ion: 43 Resp: 3144
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.765 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion: 98 Resp: 643620
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

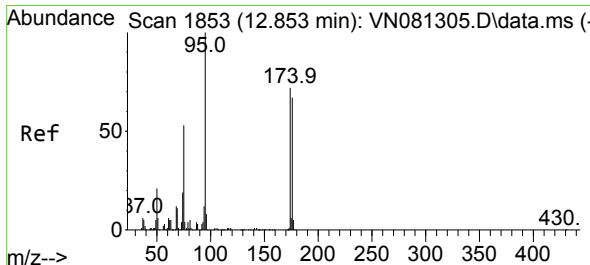
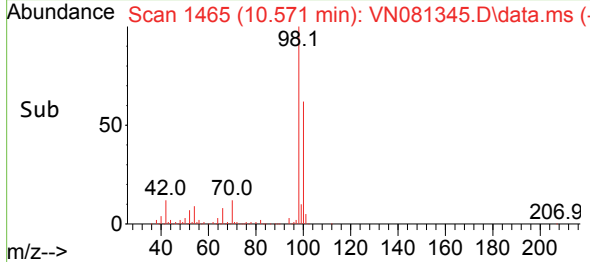
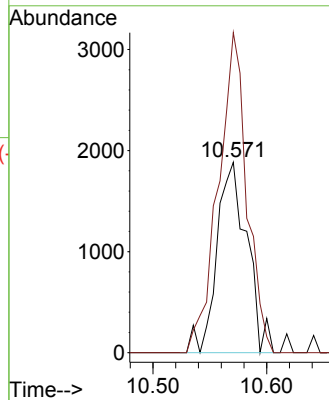
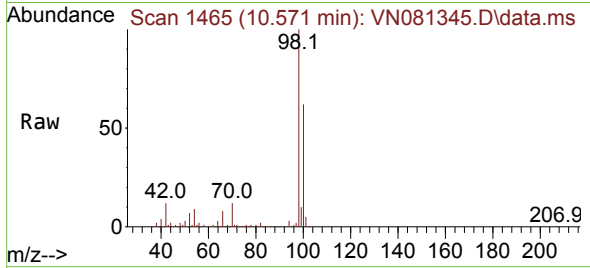




#51
4-Methyl-2-Pentanone
Concen: 0.651 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

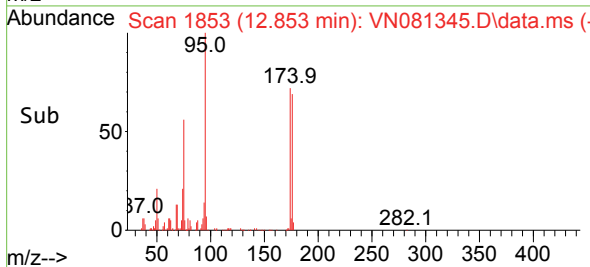
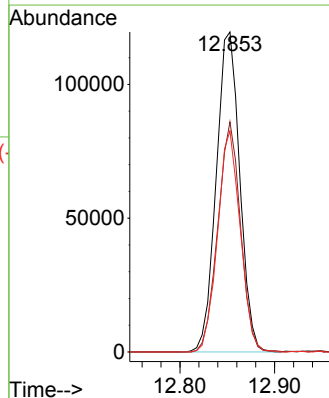
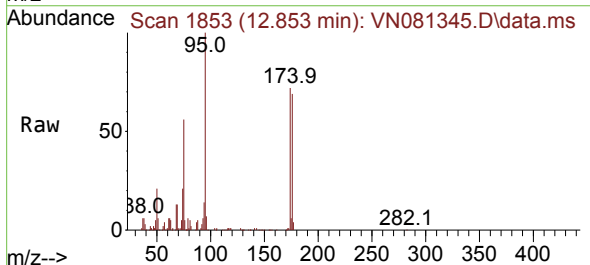
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

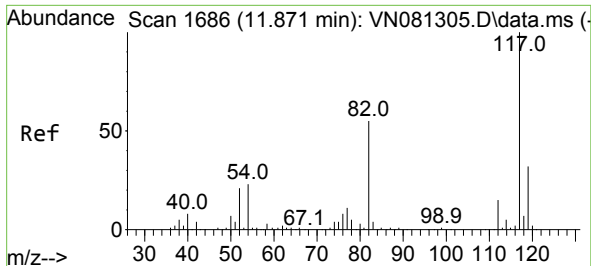
Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
58 159.9 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.944 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion: 95 Resp: 206293
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 66.5 0.0 121.0

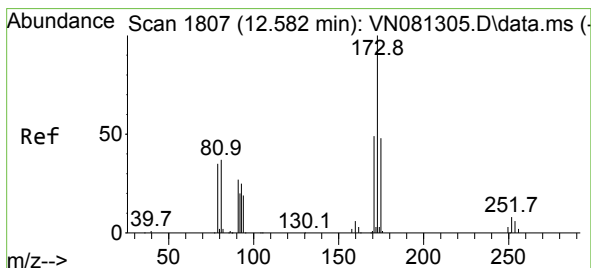
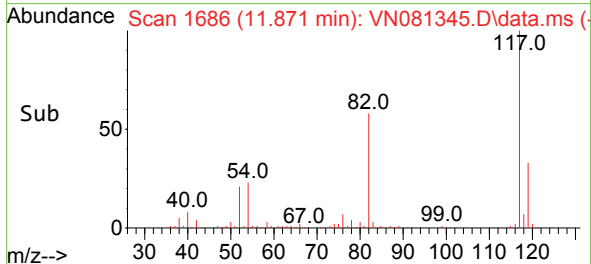
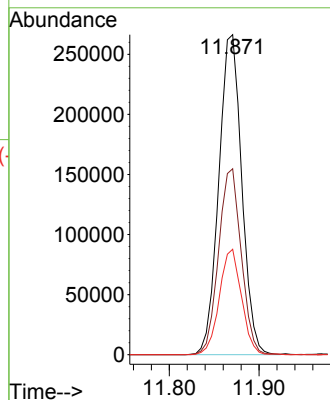
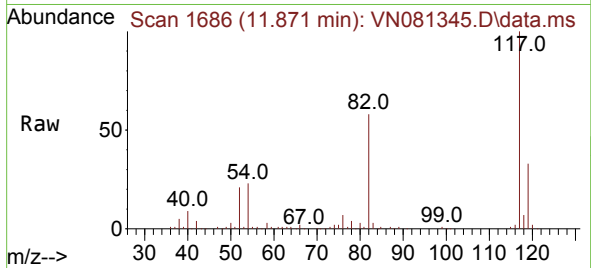




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

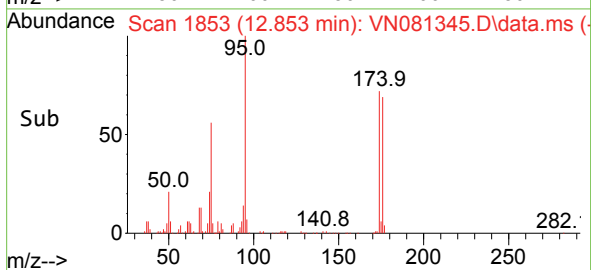
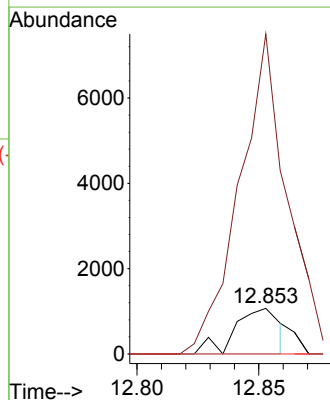
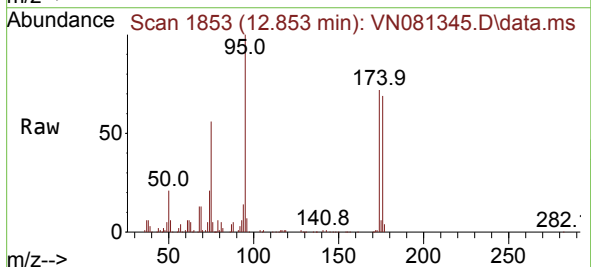
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

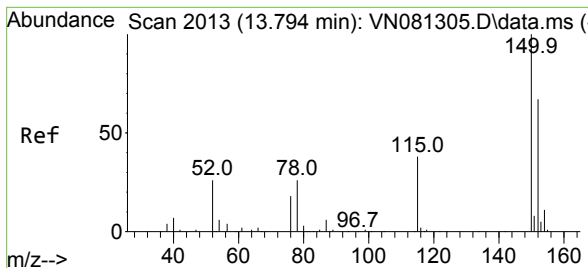
Tgt Ion:117 Resp: 473841
Ion Ratio Lower Upper
117 100
82 58.1 52.7 79.1
119 32.9 25.3 37.9



#71
Bromoform
Concen: 0.542 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion:173 Resp: 1374
Ion Ratio Lower Upper
173 100
175 608.9 23.1 69.2#
254 0.0 0.0 0.0

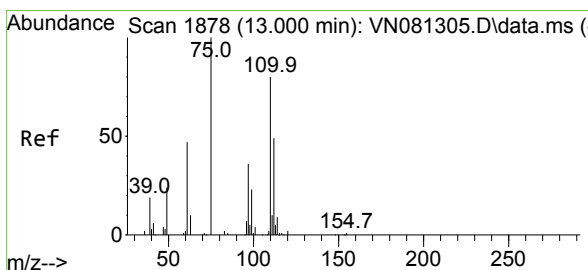
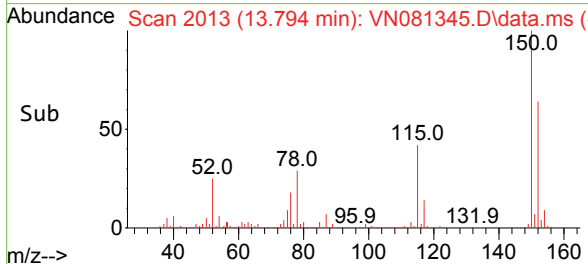
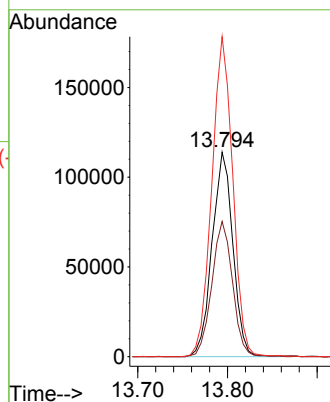
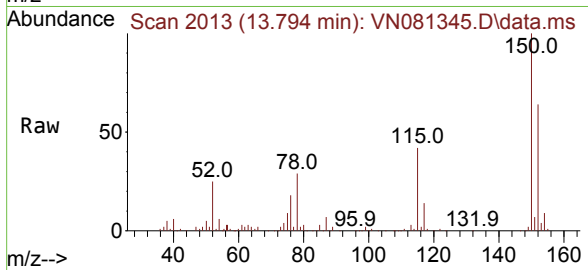




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081345.D
 Acq: 08 Mar 2024 14:38

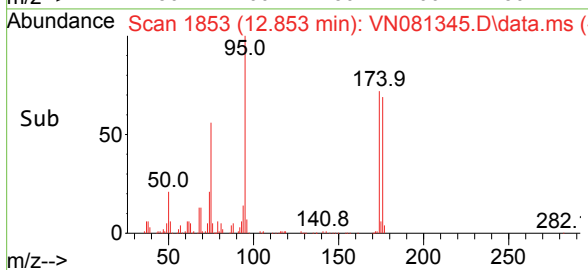
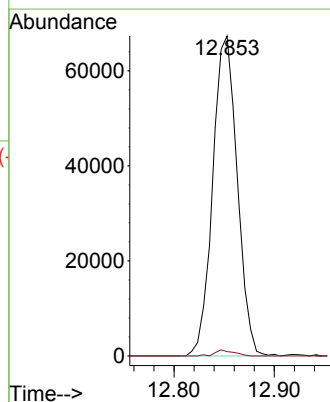
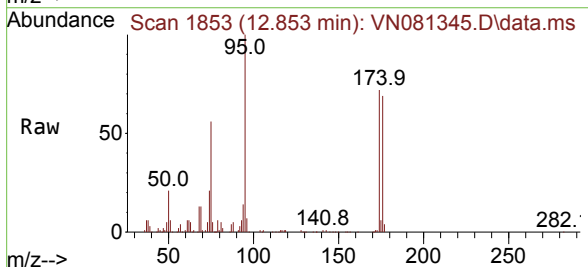
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-WATER-REF-4

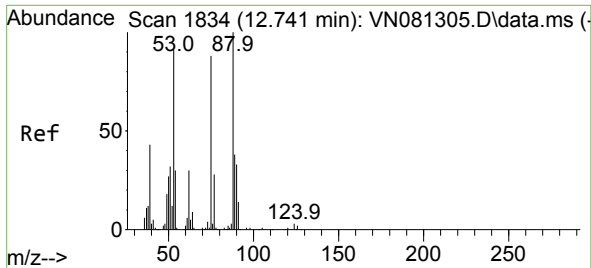
Tgt Ion:152 Resp: 182961
 Ion Ratio Lower Upper
 152 100
 115 66.0 32.3 96.8
 150 157.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 26.479 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN081345.D
 Acq: 08 Mar 2024 14:38

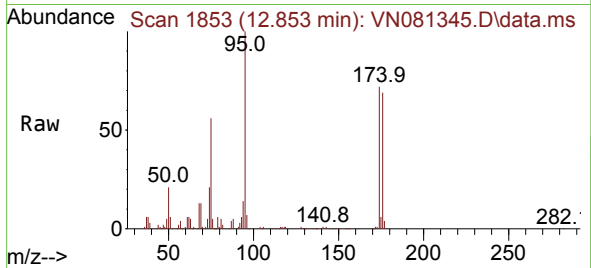
Tgt Ion: 75 Resp: 114430
 Ion Ratio Lower Upper
 75 100
 77 1.5 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.899 ug/l
RT: 12.853 min Scan# 114430
Delta R.T. 0.112 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

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



Tgt Ion: 75 Resp: 114430
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

