

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081442.D
 Acq On : 15 Mar 2024 22:04
 Operator : JC\MD
 Sample : P1782-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Mar 15 23:40:59 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)

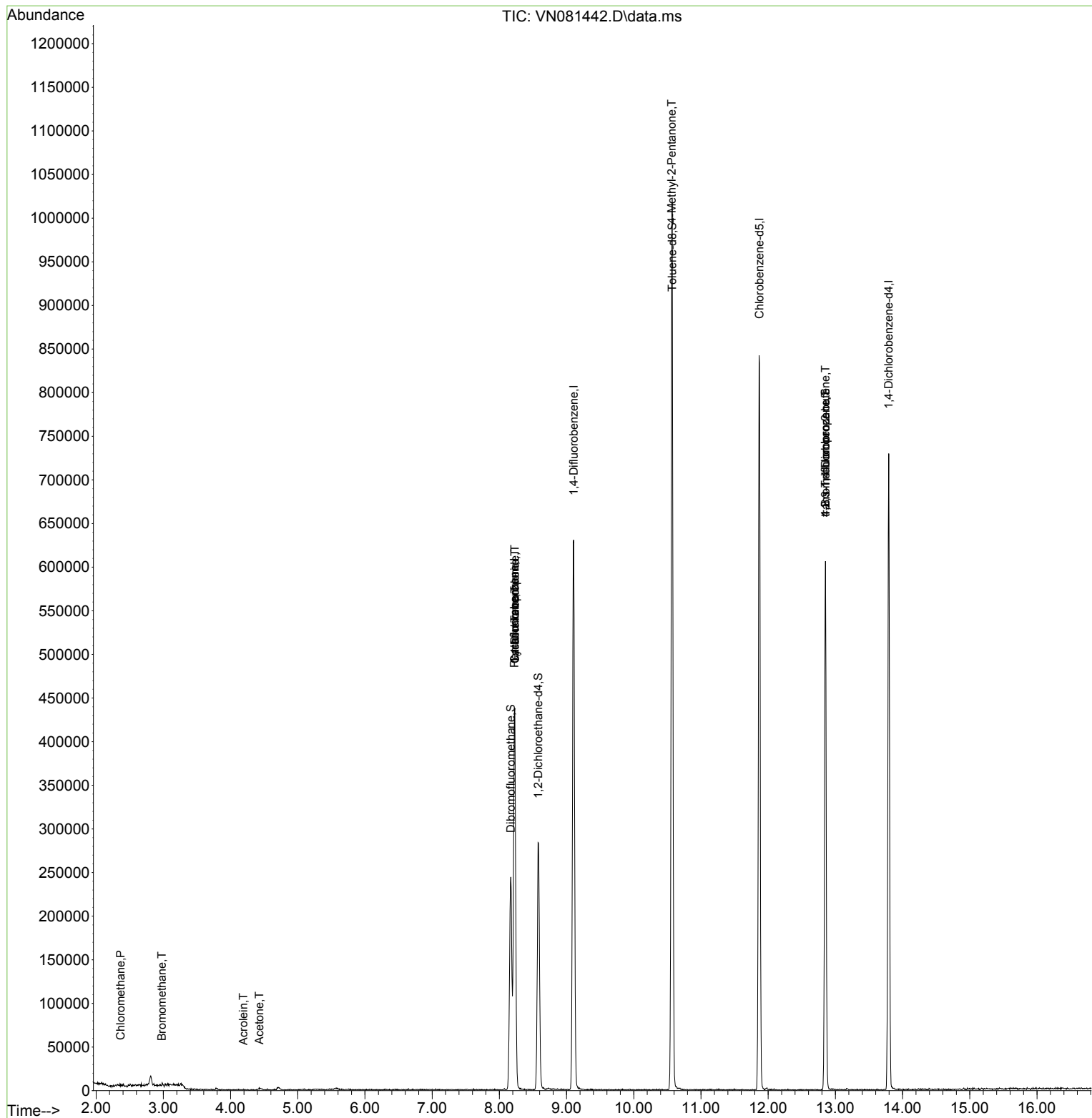
Internal Standards						
1) Pentafluorobenzene	8.224	168	291174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	474281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	233513	55.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.940%	
35) Dibromofluoromethane	8.171	113	176493	53.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.400%	
50) Toluene-d8	10.571	98	664445	53.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.853	95	203236	46.369	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	848	0.203	ug/l #	1
5) Bromomethane	2.977	94	617	0.212	ug/l #	56
13) Acrolein	4.189	56	331	0.380	ug/l	84
16) Acetone	4.430	43	1781	1.194	ug/l #	44
20) Methylene Chloride	5.277	84	458	Below Cal	#	12
31) Cyclohexane	8.230	56	8406	1.319	ug/l #	27
36) 1,1-Dichloropropene	8.230	75	28619	5.347	ug/l #	50
38) Carbon Tetrachloride	8.230	117	34893	6.478	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	3234	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114309	26.520	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114309	74.014	ug/l #	14

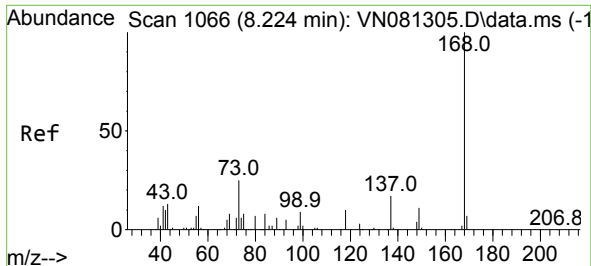
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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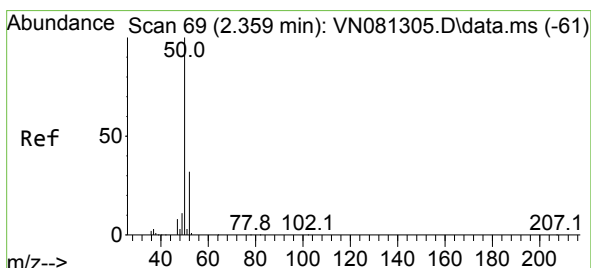
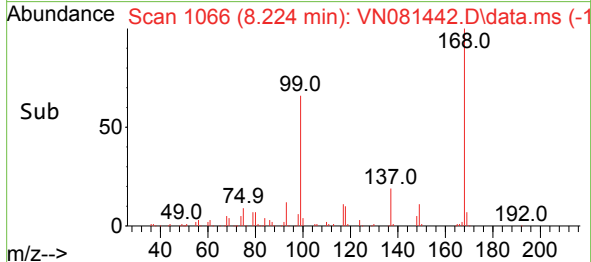
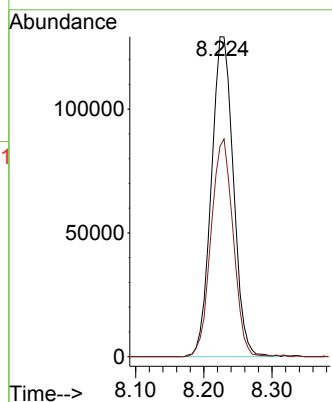
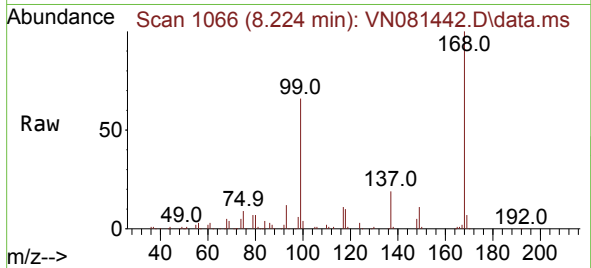




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

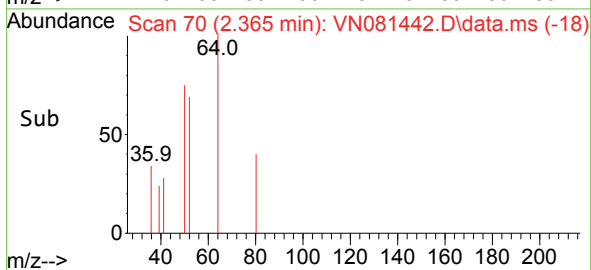
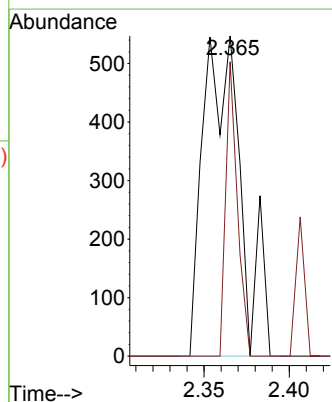
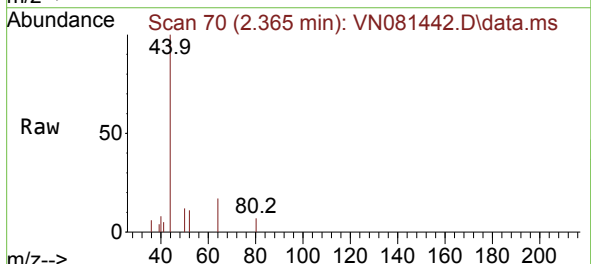
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

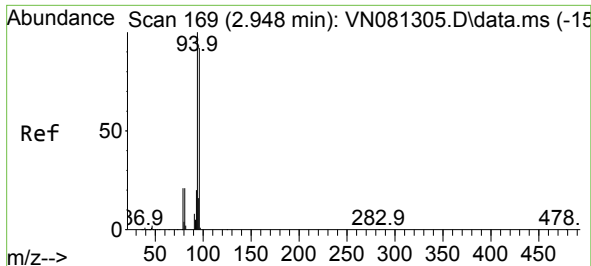
Tgt Ion:168 Resp: 291174
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 92.0 25.0 37.4#

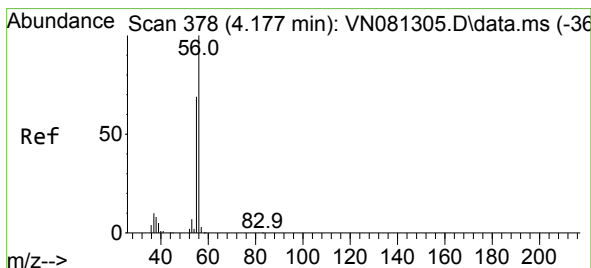
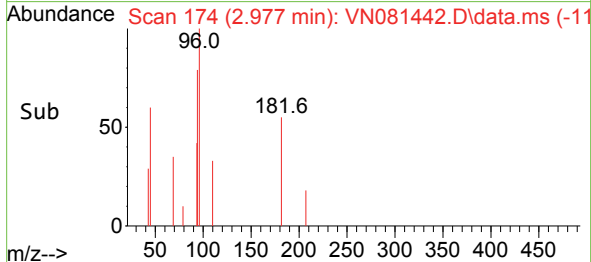
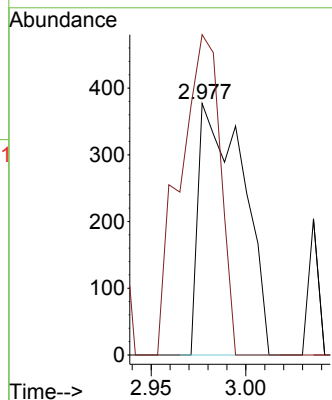
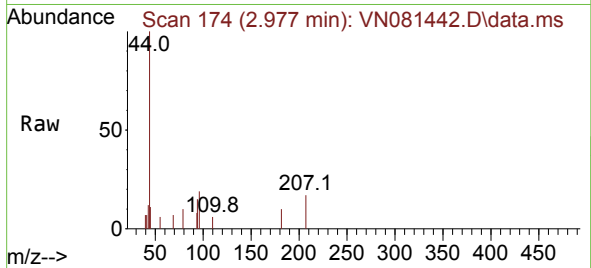




#5
Bromomethane
Concen: 0.212 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

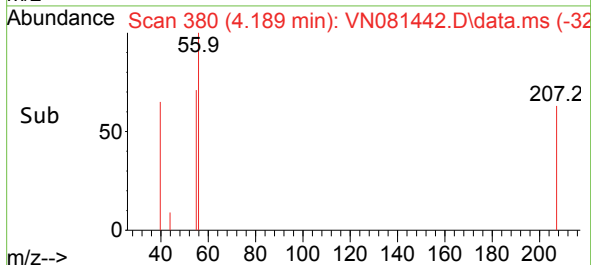
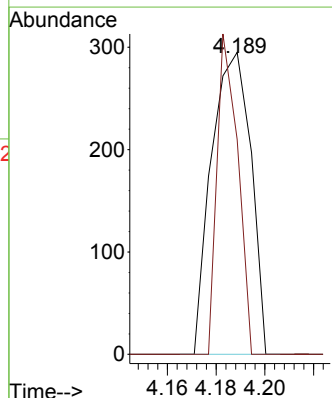
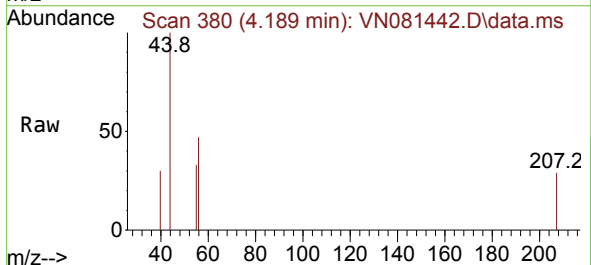
Instrument :
MSVOA_N
ClientSampleId :
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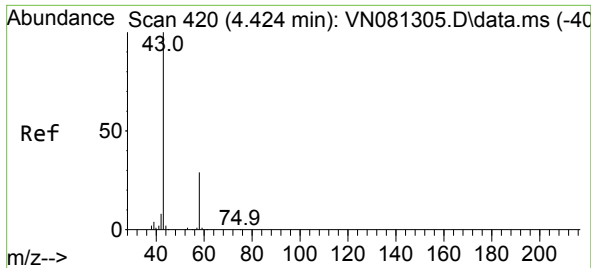
Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 127.3 69.2 103.8#



#13
Acrolein
Concen: 0.380 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 56 Resp: 331
Ion Ratio Lower Upper
56 100
55 55.9 55.3 82.9

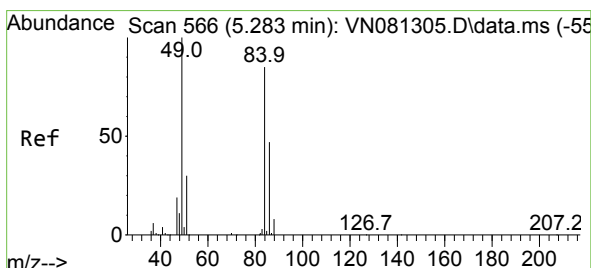
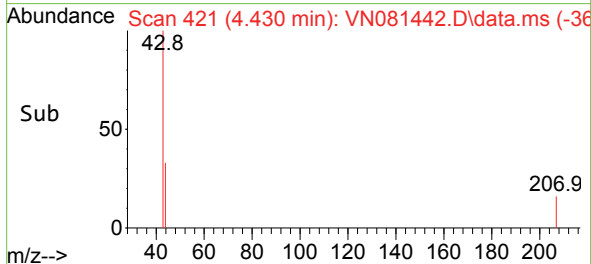
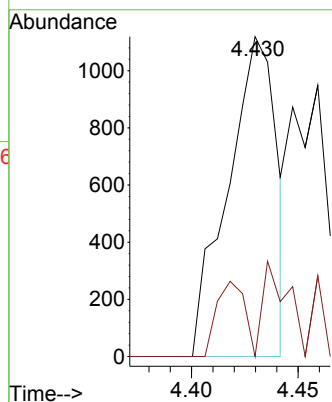
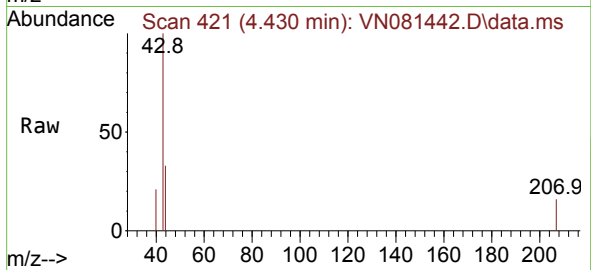




#16
Acetone
Concen: 1.194 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

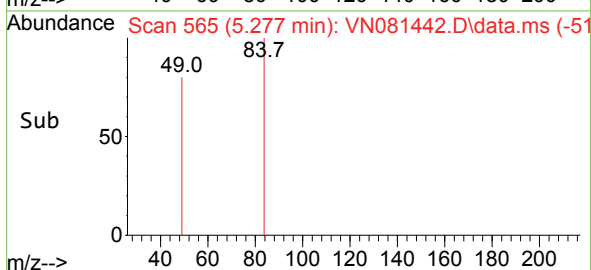
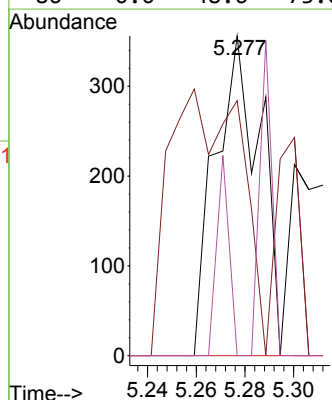
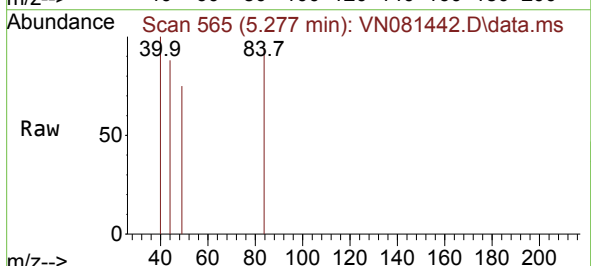
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

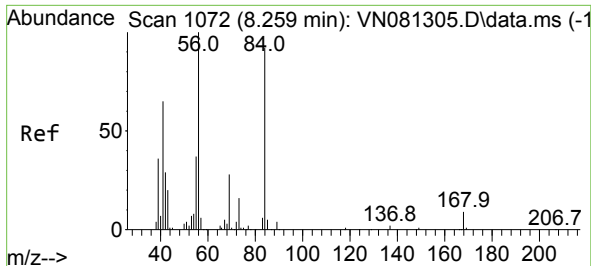
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 18.3 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

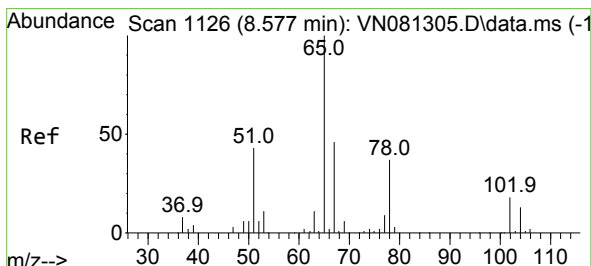
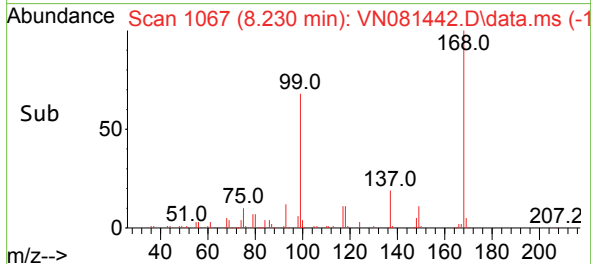
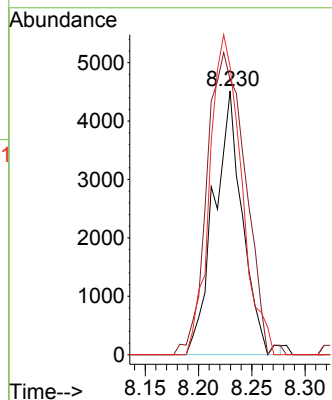
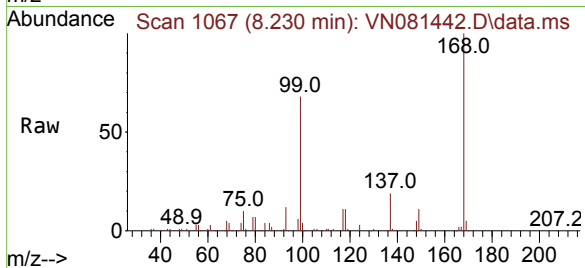




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

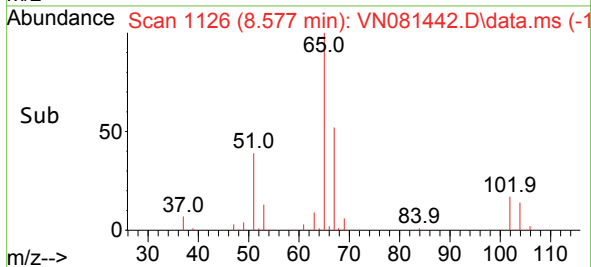
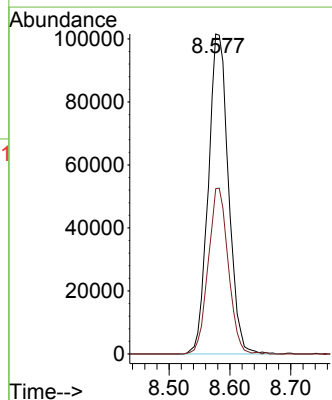
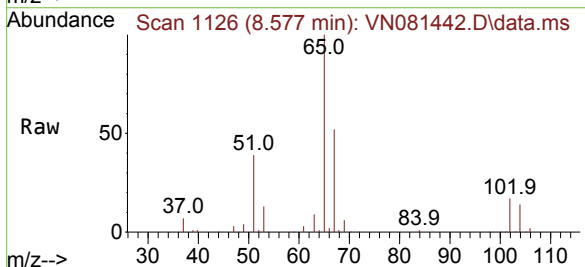
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

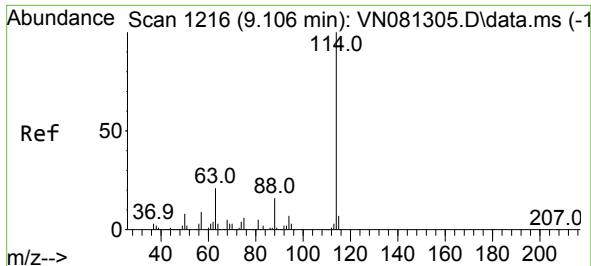
Tgt Ion:	56	Resp:	8406
Ion	Ratio	Lower	Upper
56	100		
69	100.6	20.1	30.1#
84	109.0	56.9	85.3#



#33
1,2-Dichloroethane-d4
Concen: 55.466 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion:	65	Resp:	233513
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.4

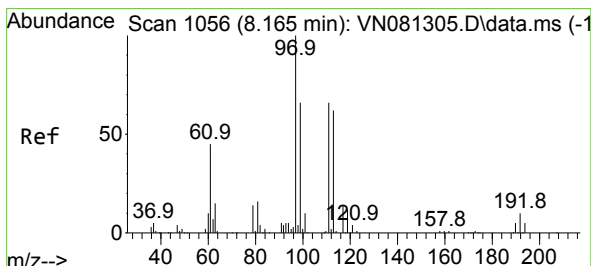
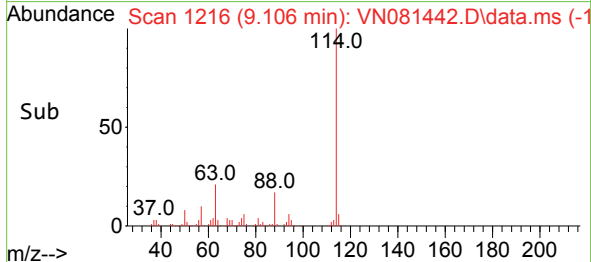
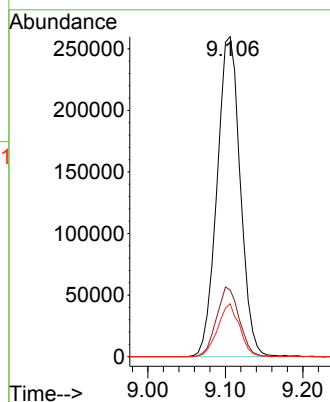
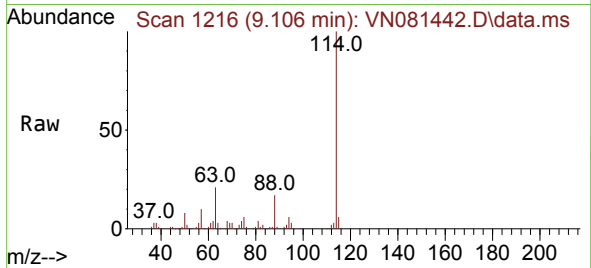




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

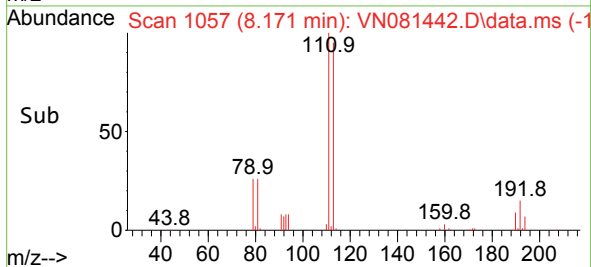
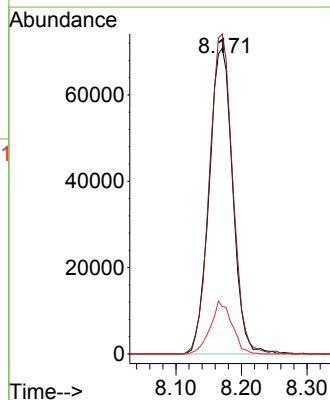
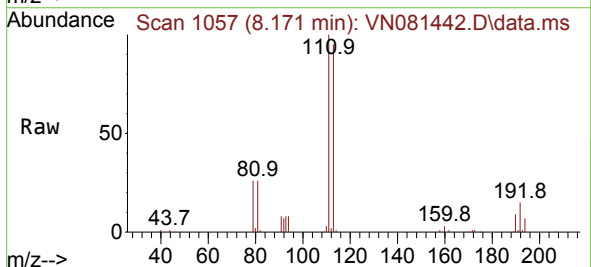
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ClientSampleId :
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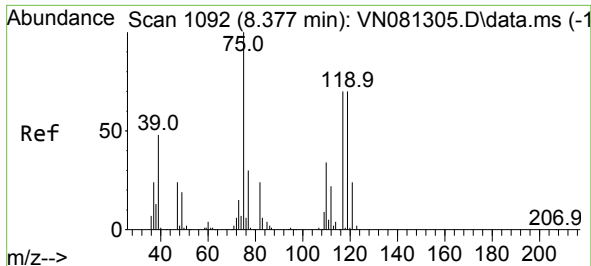
Tgt Ion:114	Resp:	541465
Ion Ratio	Lower	Upper
114	100	
63	20.8	0.0 48.0
88	16.6	0.0 34.8



#35
Dibromofluoromethane
Concen: 53.203 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion:113	Resp:	176493
Ion Ratio	Lower	Upper
113	100	
111	103.5	82.2 123.4
192	15.9	12.5 18.7

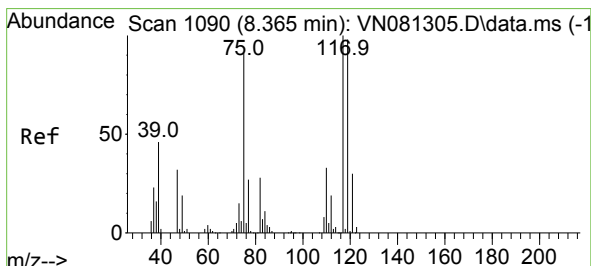
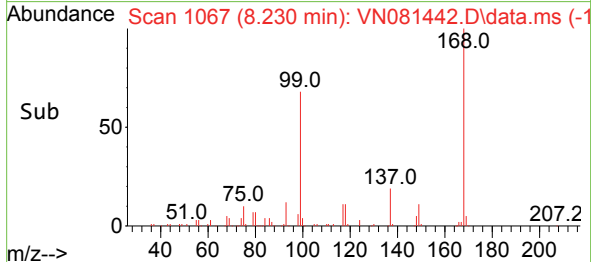
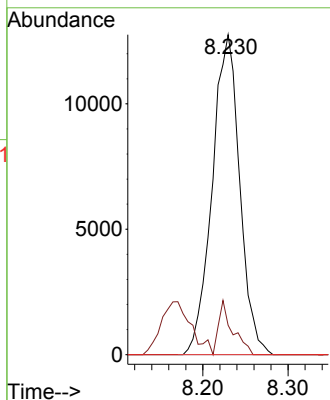
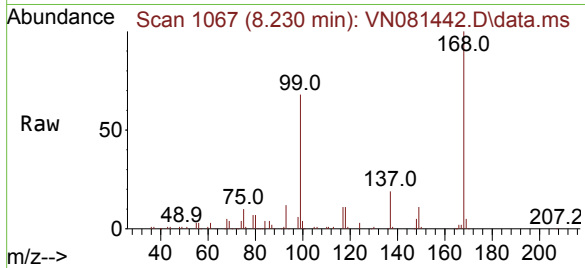




#36
1,1-Dichloropropene
Concen: 5.347 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

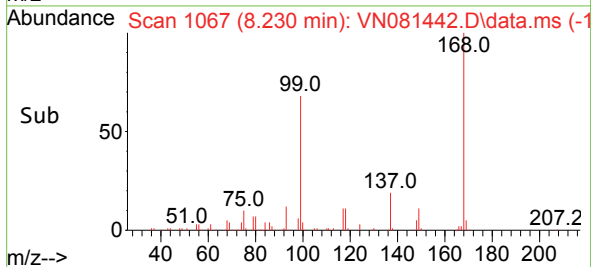
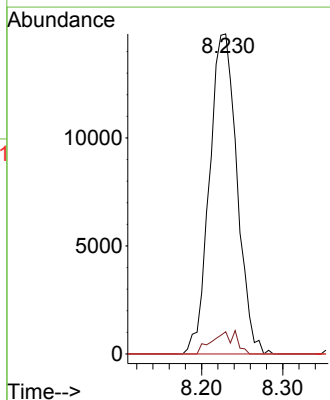
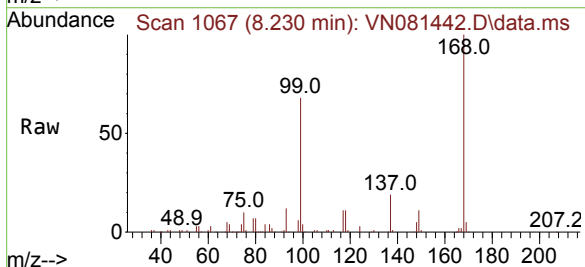
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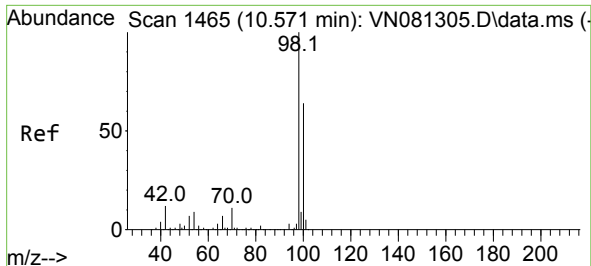
Tgt Ion: 75 Resp: 28619
Ion Ratio Lower Upper
75 100
110 8.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.478 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 117 Resp: 34893
Ion Ratio Lower Upper
117 100
119 6.9 73.4 110.2#
121 0.0 24.4 36.6#

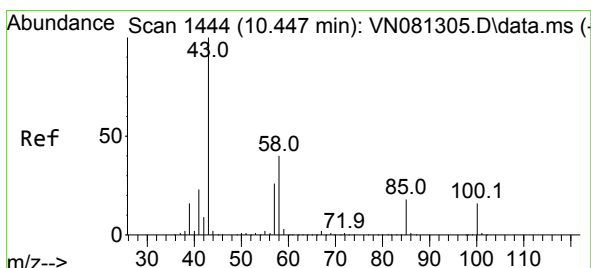
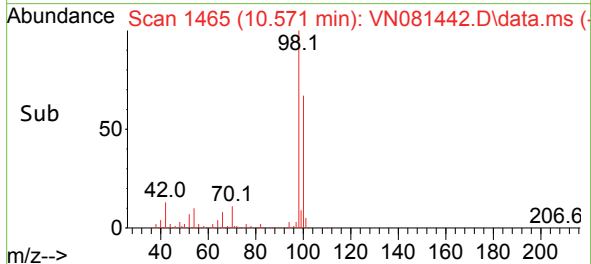
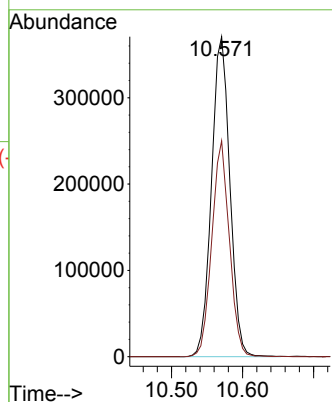
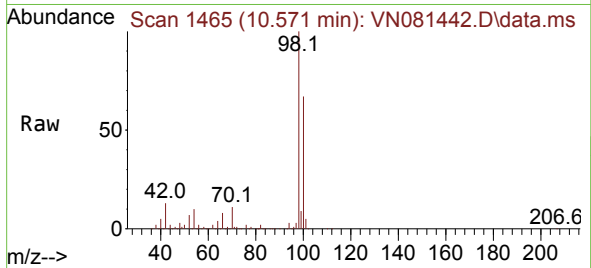




#50
Toluene-d8
Concen: 53.579 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

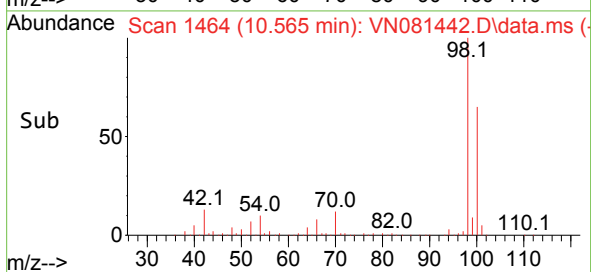
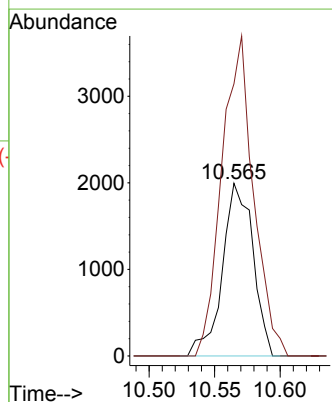
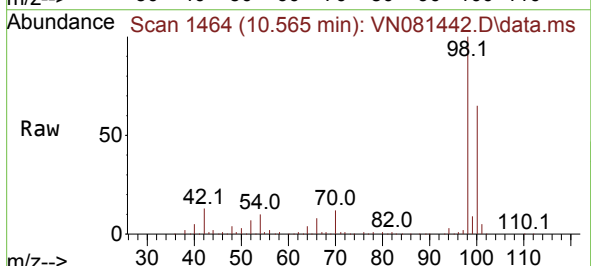
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

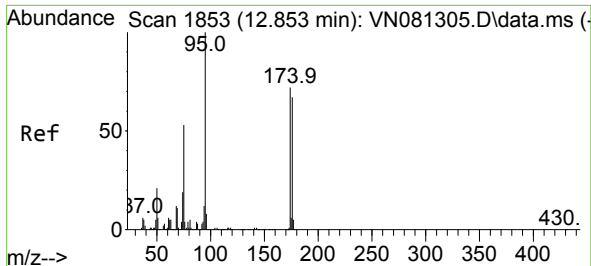
Tgt Ion: 98 Resp: 664445
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
58 192.3 29.4 44.0#

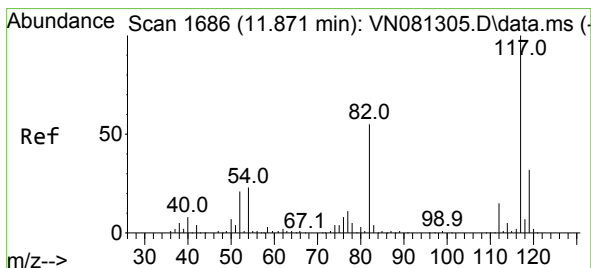
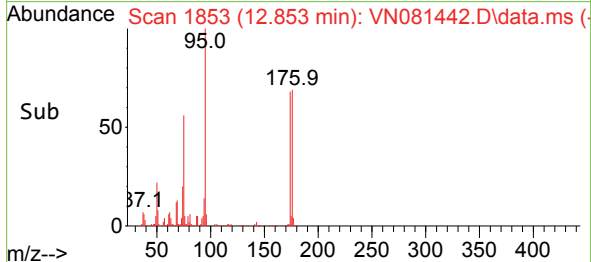
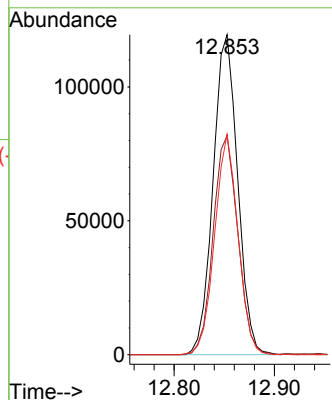
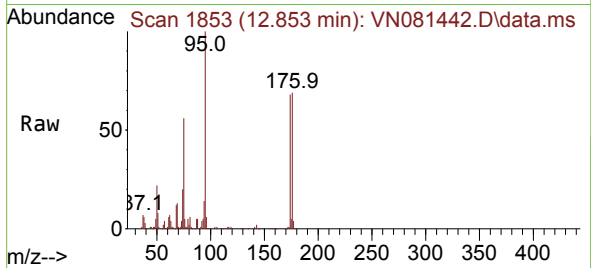




#62
4-Bromofluorobenzene
Concen: 46.369 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

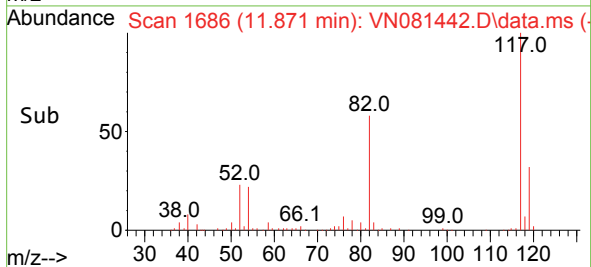
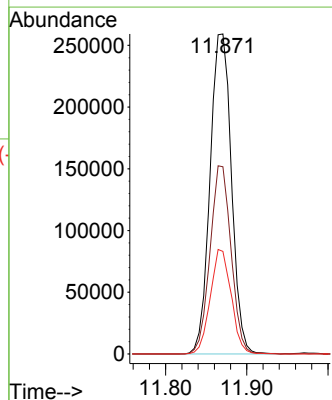
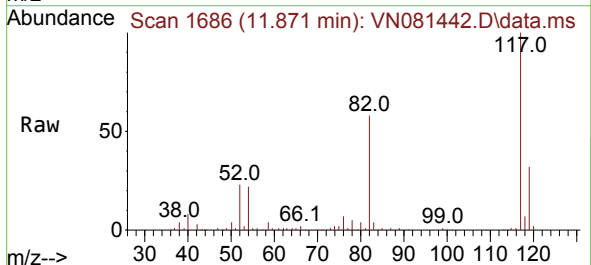
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

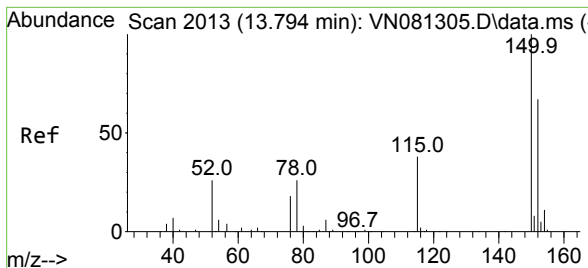
Tgt Ion: 95 Resp: 203236
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 65.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 117 Resp: 474281
Ion Ratio Lower Upper
117 100
82 58.5 52.7 79.1
119 32.0 25.3 37.9

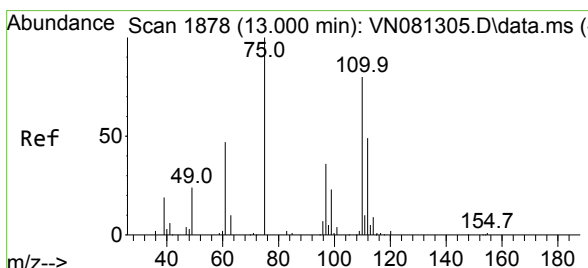
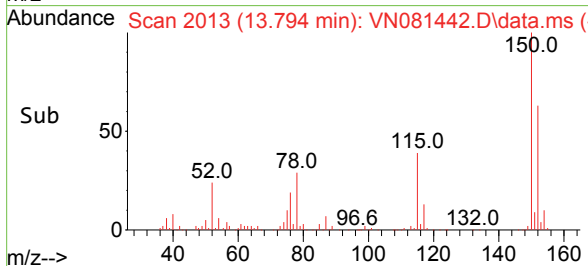
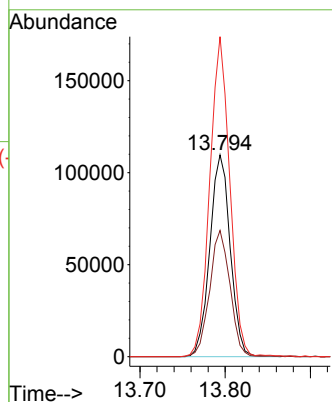
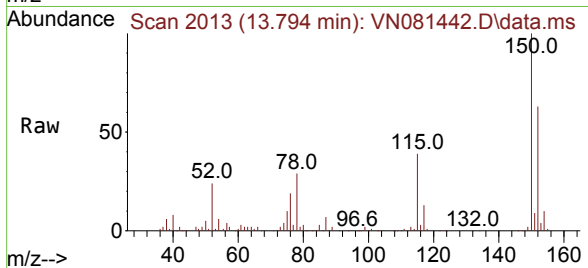




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

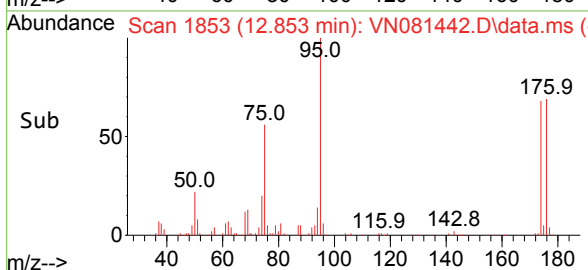
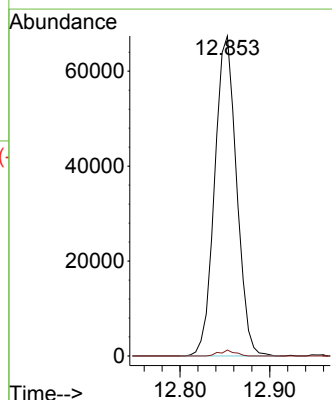
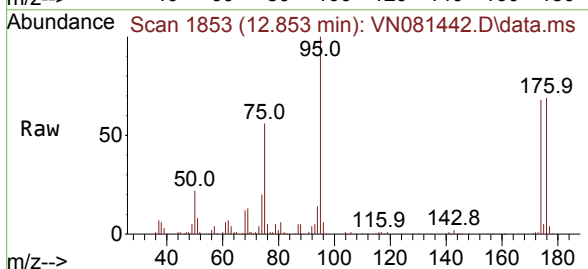
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

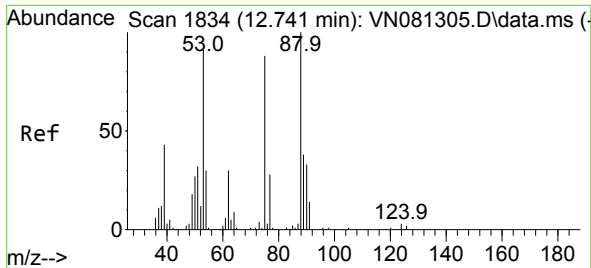
Tgt Ion:152 Resp: 182484
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 155.0 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 26.520 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081442.D
Acq: 15 Mar 2024 22:04

Tgt Ion: 75 Resp: 114309
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.014 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081442.D
 Acq: 15 Mar 2024 22:04

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

Tgt Ion: 75 Resp: 114309
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

