

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082241.D
 Acq On : 21 May 2024 15:29
 Operator : JC\MD
 Sample : P2532-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 22 01:27:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

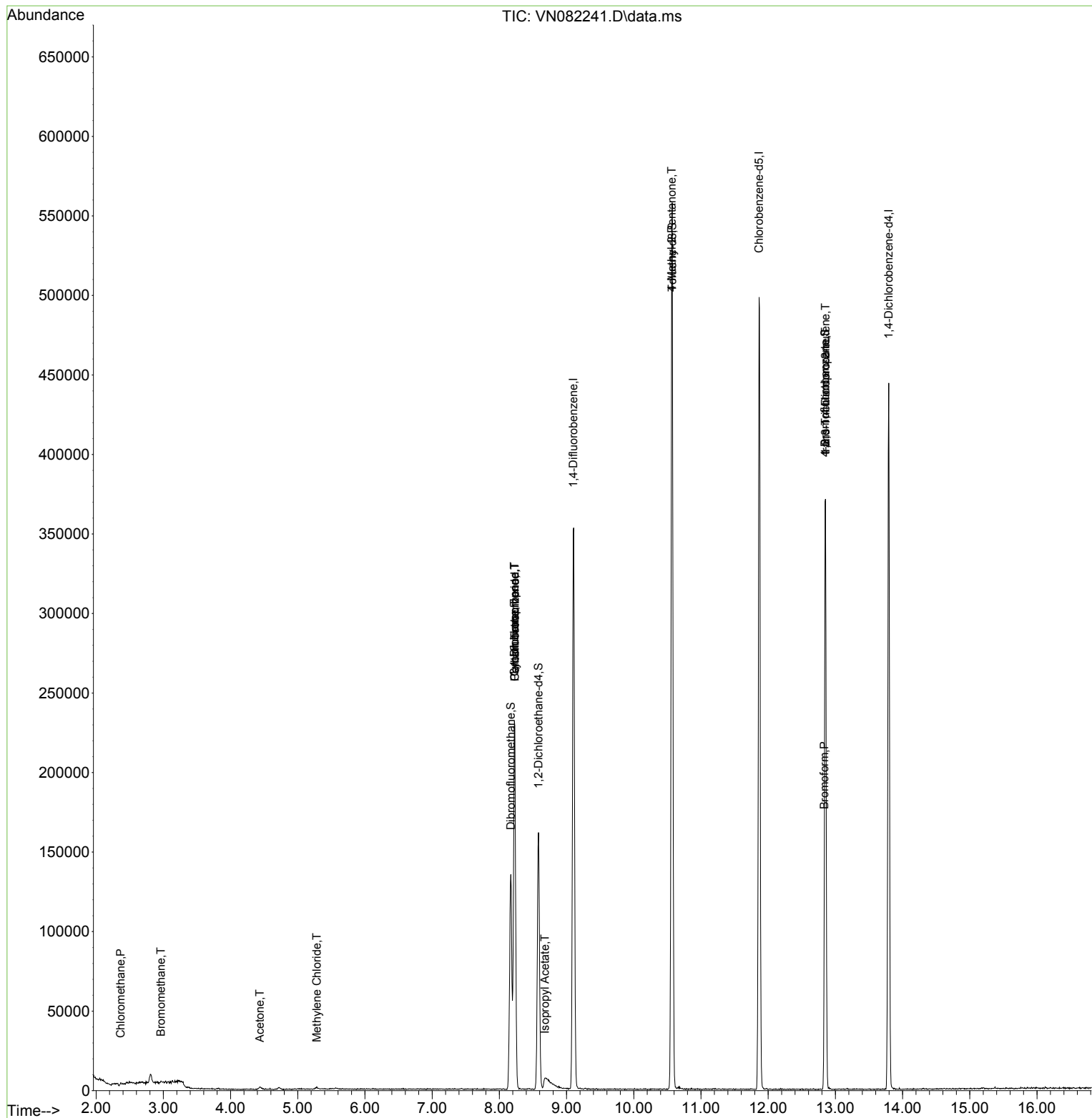
Internal Standards						
1) Pentafluorobenzene	8.229	168	157334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133733	53.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.660%	
35) Dibromofluoromethane	8.171	113	92771	53.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.780%	
50) Toluene-d8	10.570	98	365042	54.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.600%	
62) 4-Bromofluorobenzene	12.847	95	121521	51.108	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	591	0.230	ug/l #	66
5) Bromomethane	2.965	94	714	0.514	ug/l	98
16) Acetone	4.436	43	2938	2.883	ug/l	92
20) Methylene Chloride	5.283	84	457	0.222	ug/l #	84
31) Cyclohexane	8.224	56	4615	1.163	ug/l #	56
36) 1,1-Dichloropropene	8.224	75	15285	5.245	ug/l #	49
38) Carbon Tetrachloride	8.229	117	17105	5.790	ug/l #	17
43) Isopropyl Acetate	8.677	43	5368	0.929	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2577	0.785	ug/l #	1
71) Bromoform	12.835	173	176	0.813	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	70577	30.557	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70577	71.472	ug/l #	12

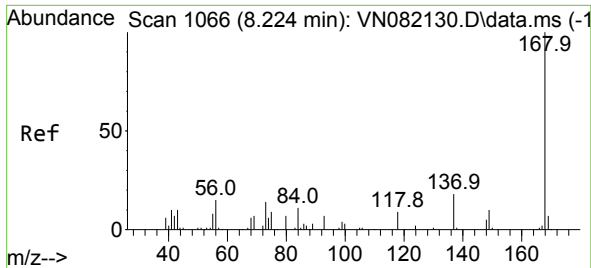
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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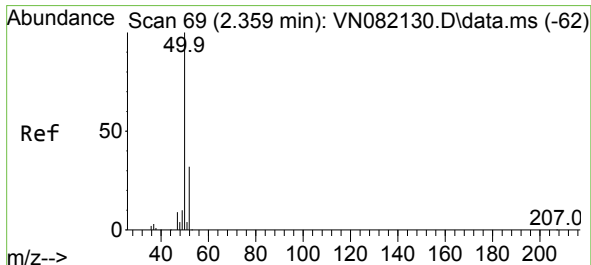
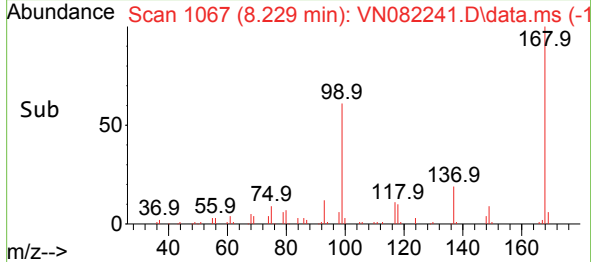
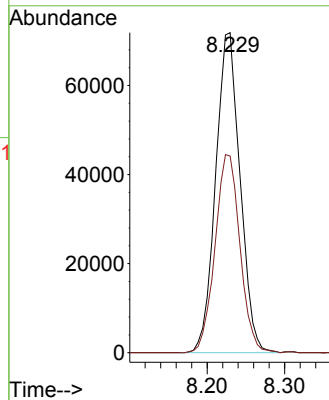
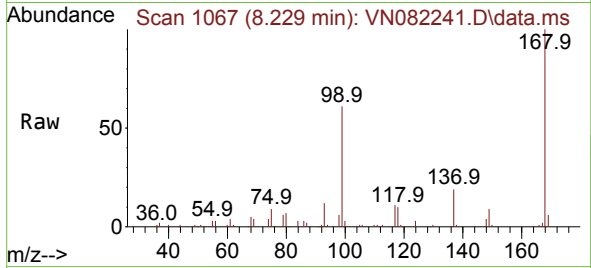




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

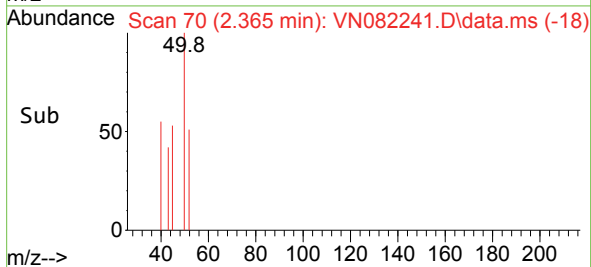
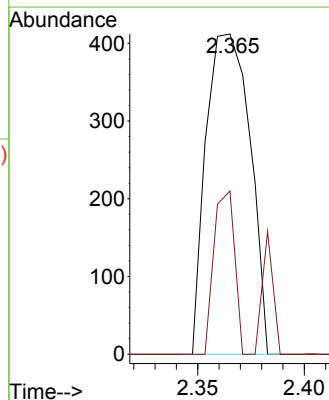
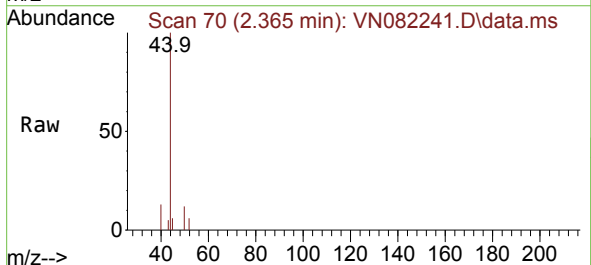
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

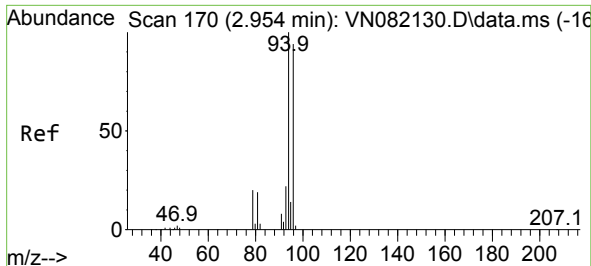
Tgt Ion:168 Resp: 157334
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

Tgt Ion: 50 Resp: 591
Ion Ratio Lower Upper
50 100
52 51.0 25.5 38.3#

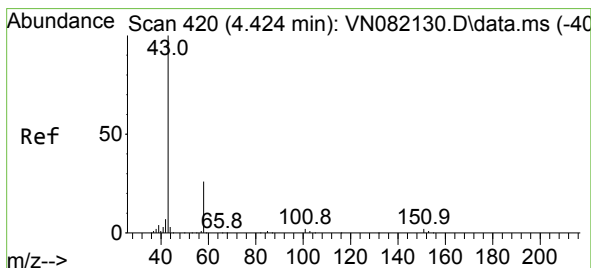
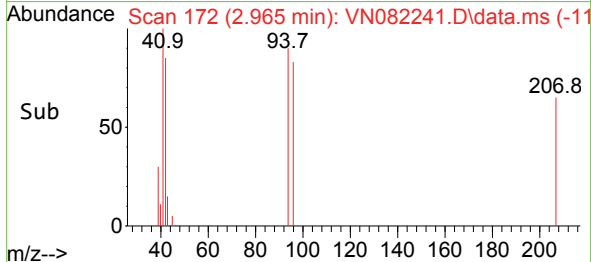
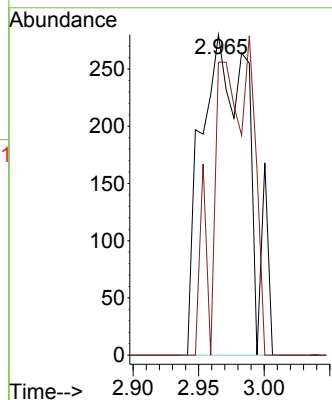
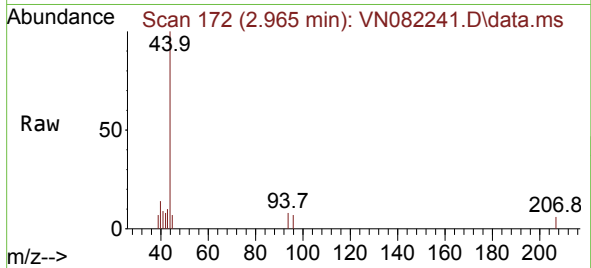




#5
Bromomethane
Concen: 0.514 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

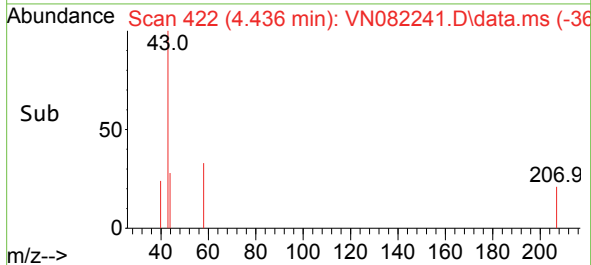
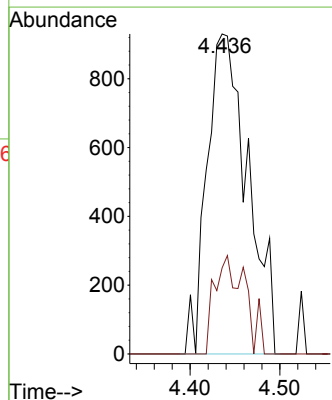
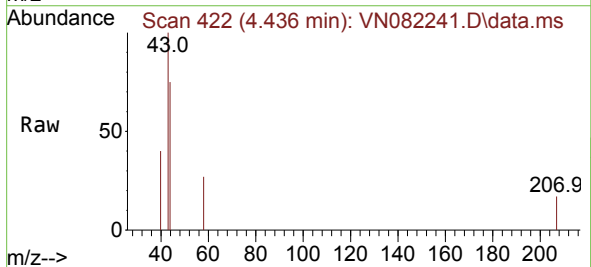
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

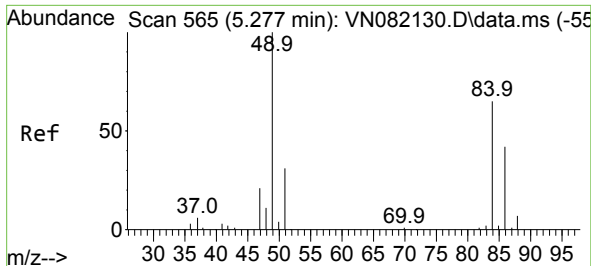
Tgt Ion: 94 Resp: 714
Ion Ratio Lower Upper
94 100
96 91.4 74.8 112.2



#16
Acetone
Concen: 2.883 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8

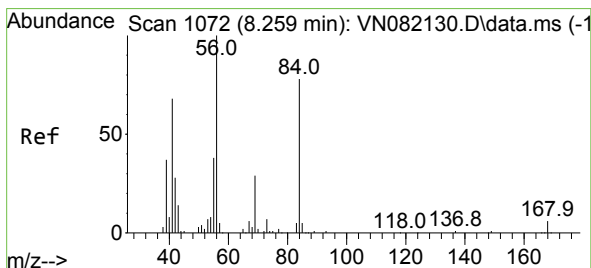
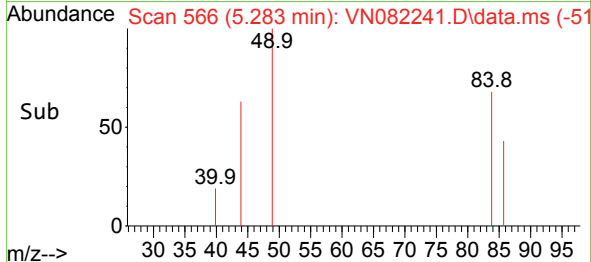
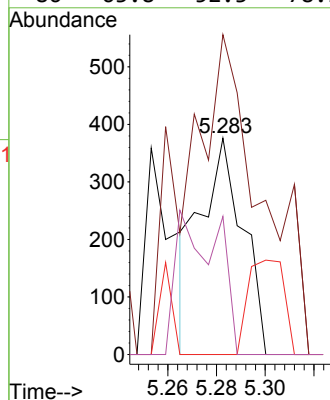
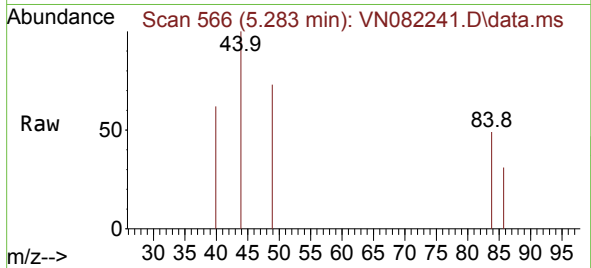




#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

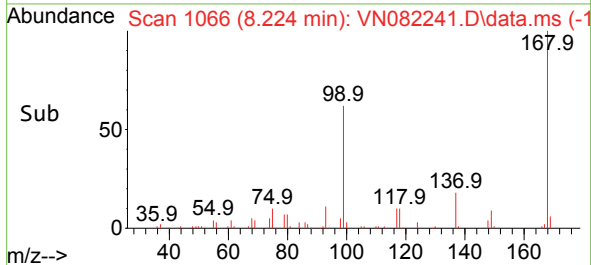
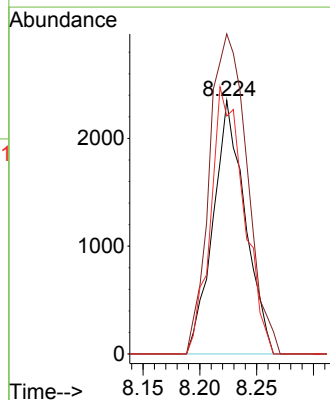
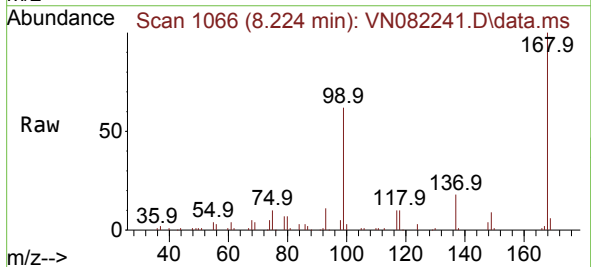
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

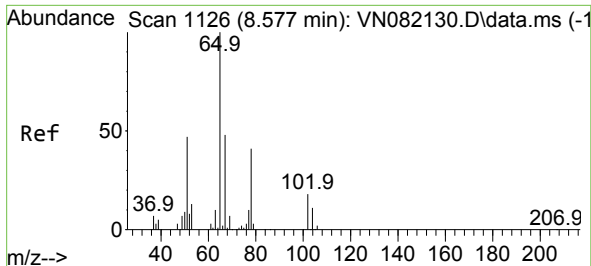
Tgt Ion:	84	Resp:	457
Ion	Ratio	Lower	Upper
84	100		
49	95.2	84.9	127.3
51	0.0	27.0	40.6#
86	63.8	52.3	78.5



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

Tgt Ion:	56	Resp:	4615
Ion	Ratio	Lower	Upper
56	100		
69	126.2	24.4	36.6#
84	93.8	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 53.830 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082241.D

Acq: 21 May 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

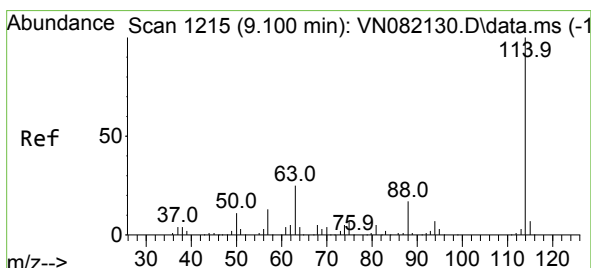
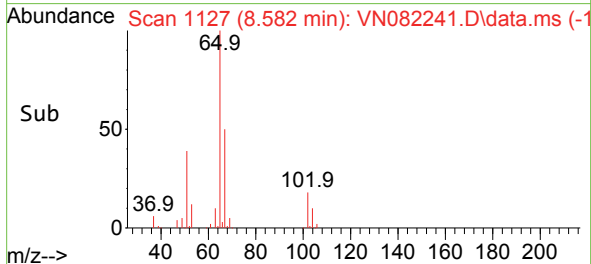
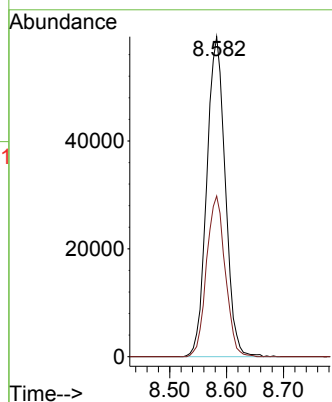
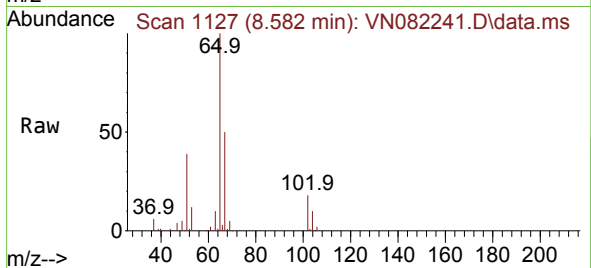
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 133733

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082241.D

Acq: 21 May 2024 15:29

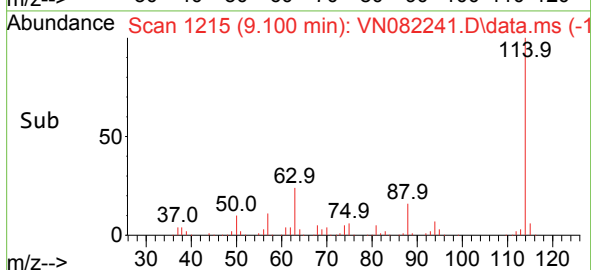
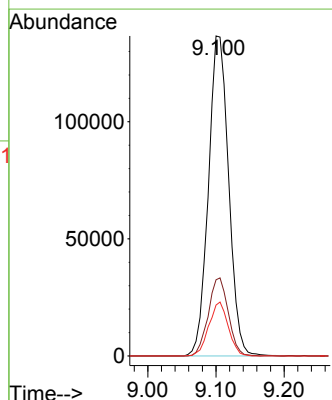
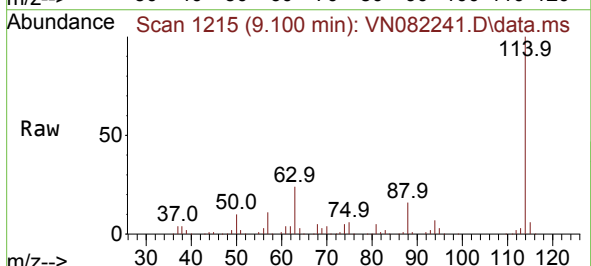
Tgt Ion: 114 Resp: 282460

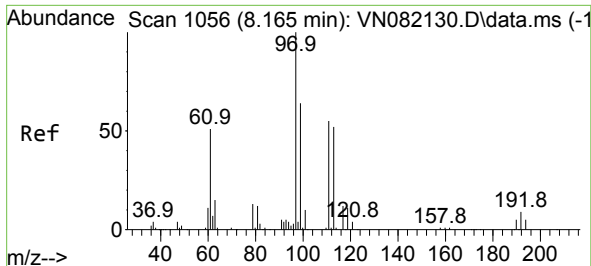
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 15.9 0.0 31.4

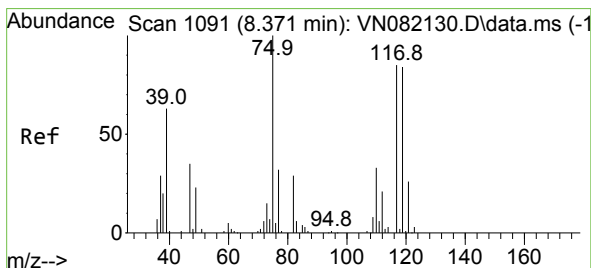
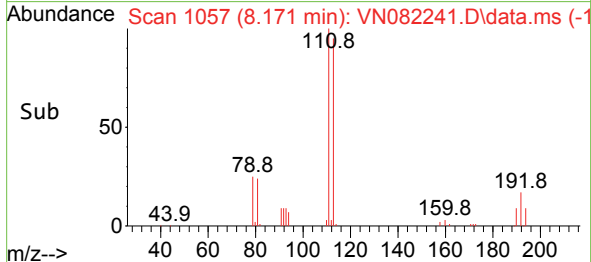
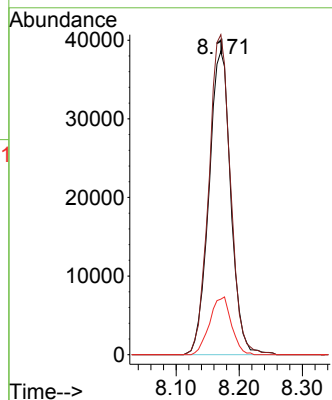
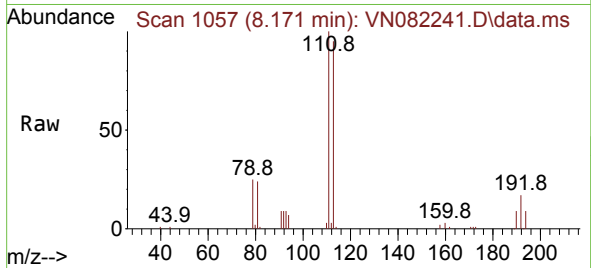




#35
 Dibromofluoromethane
 Concen: 53.391 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082241.D
 Acq: 21 May 2024 15:29

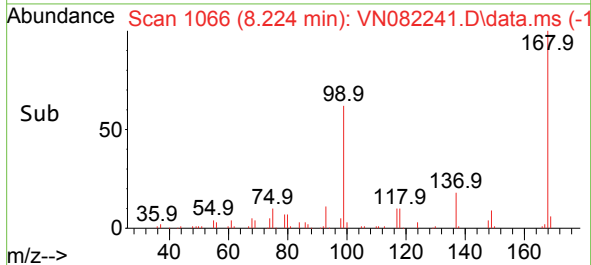
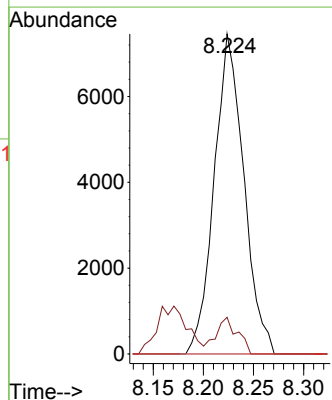
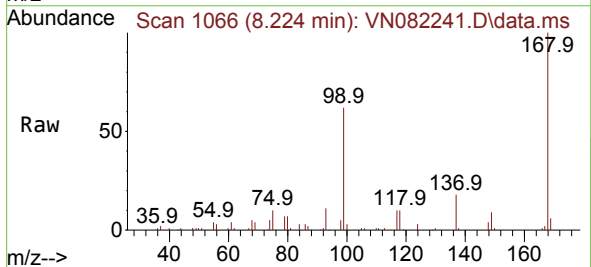
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

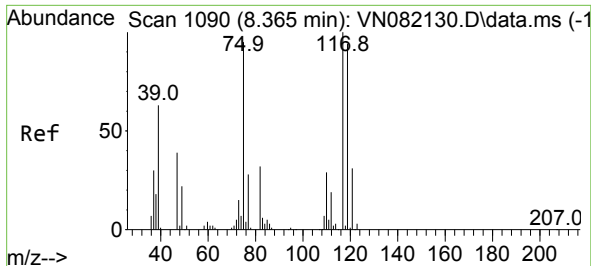
Tgt Ion:113 Resp: 92771
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.4 125.2
 192 18.9 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.245 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082241.D
 Acq: 21 May 2024 15:29

Tgt Ion: 75 Resp: 15285
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.8 53.5#
 77 0.0 25.0 37.4#

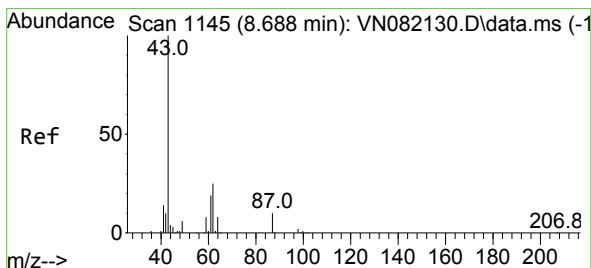
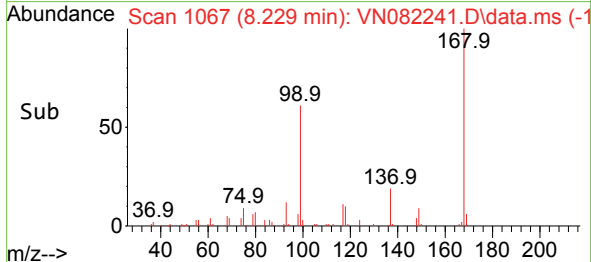
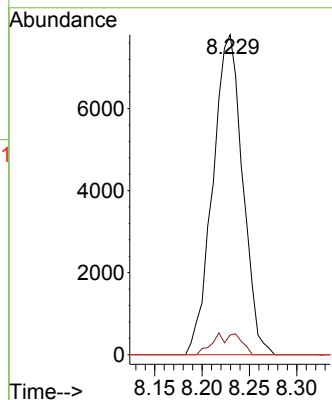
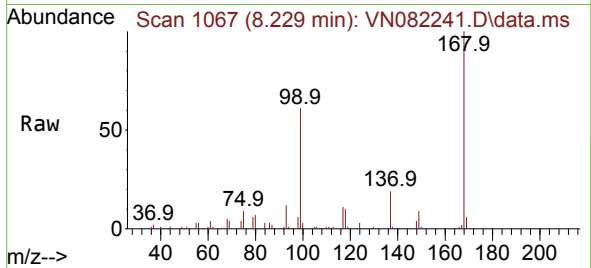




#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 8.229 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

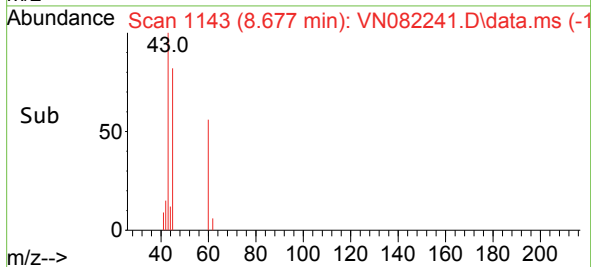
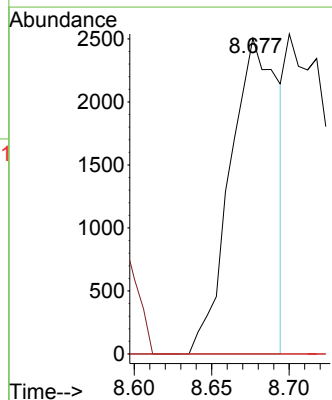
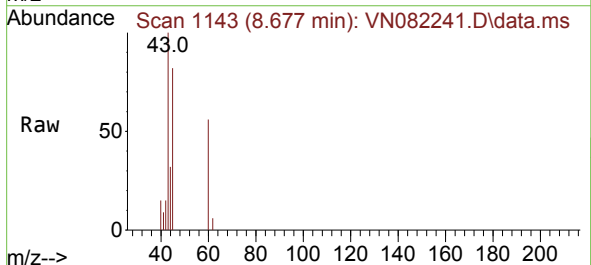
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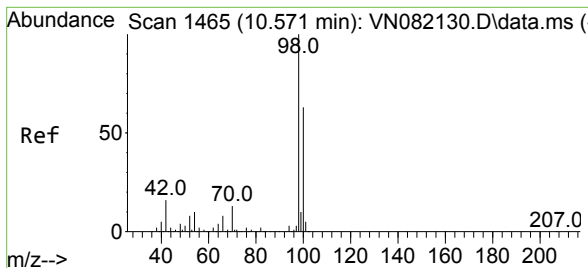
Tgt Ion: 117 Resp: 17105
Ion Ratio Lower Upper
117 100
119 6.2 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.929 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

Tgt Ion: 43 Resp: 5368
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

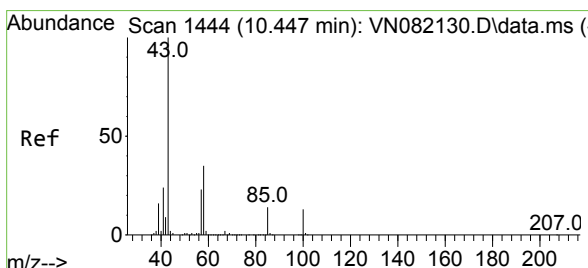
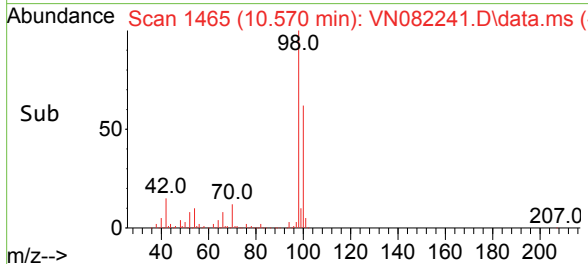
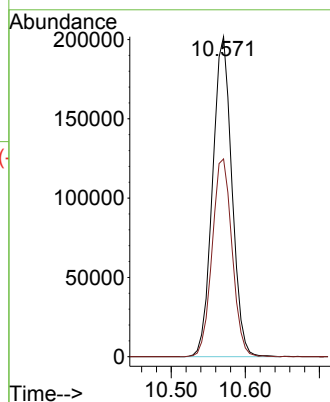
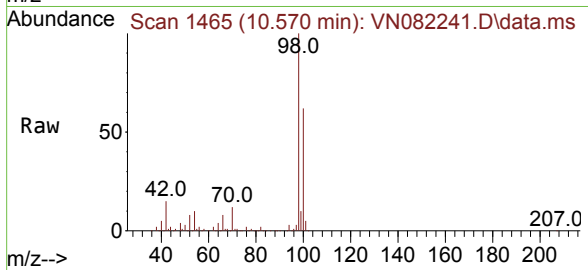




#50
Toluene-d8
Concen: 54.797 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

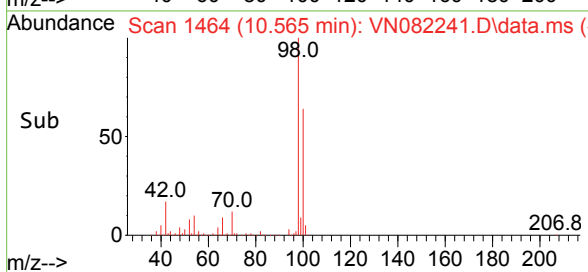
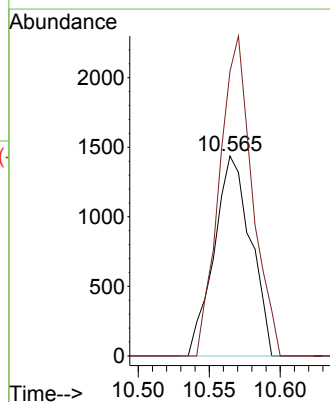
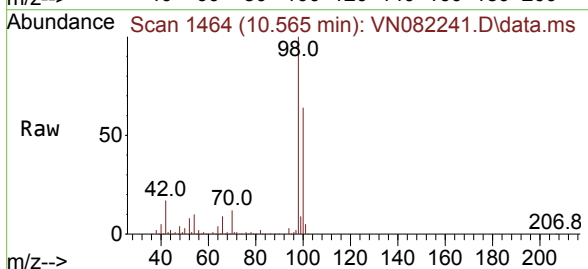
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

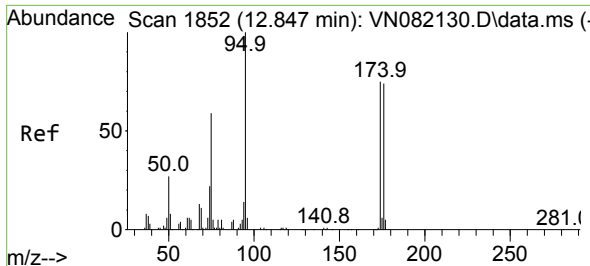
Tgt Ion: 98 Resp: 365042
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.785 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

Tgt Ion: 43 Resp: 2577
Ion Ratio Lower Upper
43 100
58 143.8 33.2 49.8#

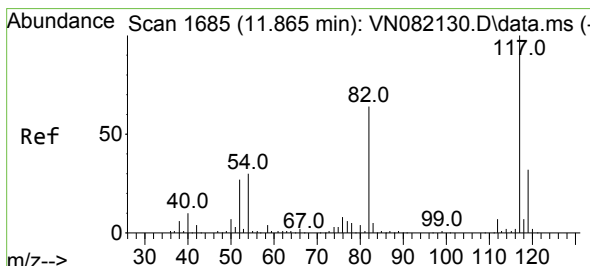
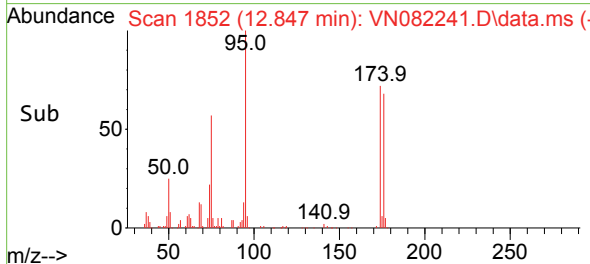
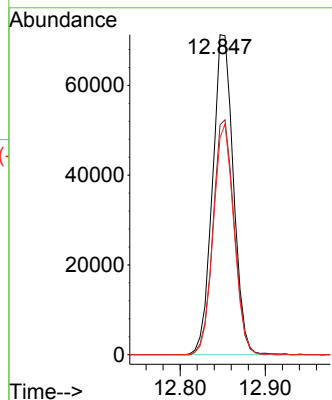
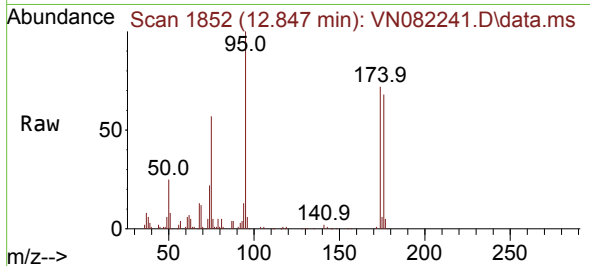




#62
4-Bromofluorobenzene
Concen: 51.108 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

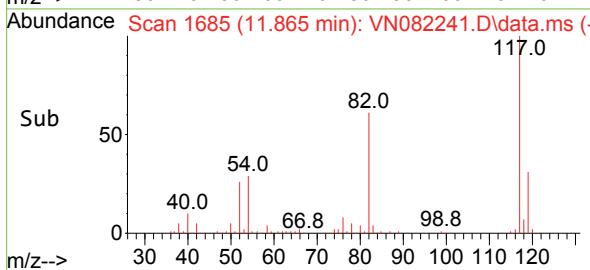
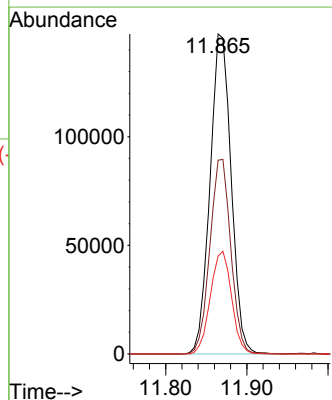
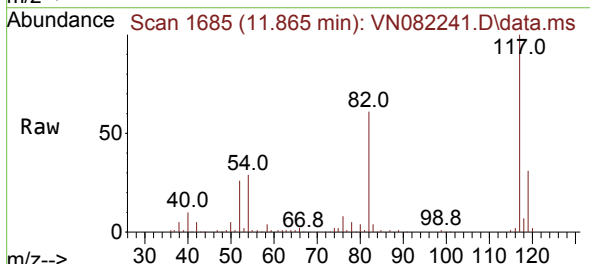
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

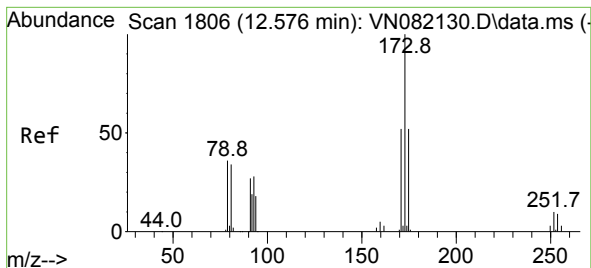
Tgt Ion: 95 Resp: 121521
Ion Ratio Lower Upper
95 100
174 74.4 0.0 160.6
176 71.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082241.D
Acq: 21 May 2024 15:29

Tgt Ion: 117 Resp: 266636
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 30.6 25.9 38.9





#71

Bromoform

Concen: 0.813 ug/l

RT: 12.835 min Scan# 1806

Delta R.T. 0.259 min

Lab File: VN082241.D

Acq: 21 May 2024 15:29

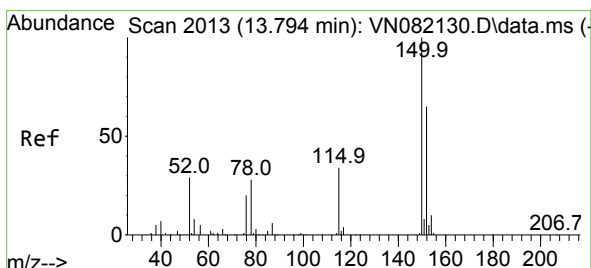
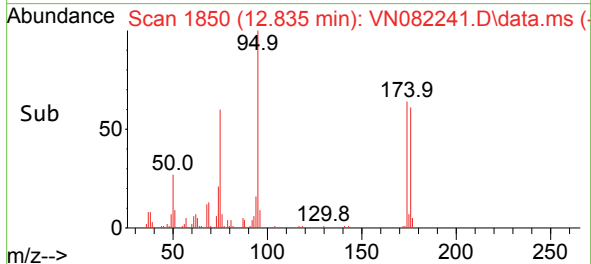
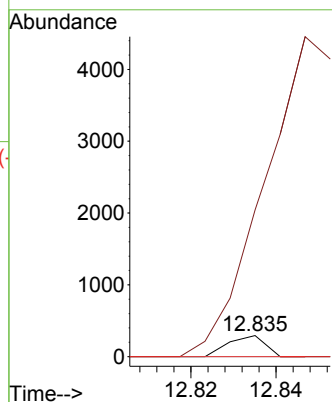
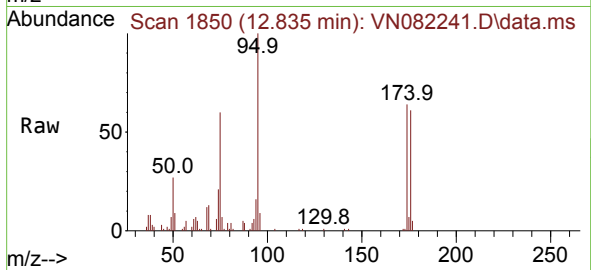
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion:173	Resp:	176
Ion Ratio	Lower	Upper
173	100	
175	2963.1	24.6 74.0#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

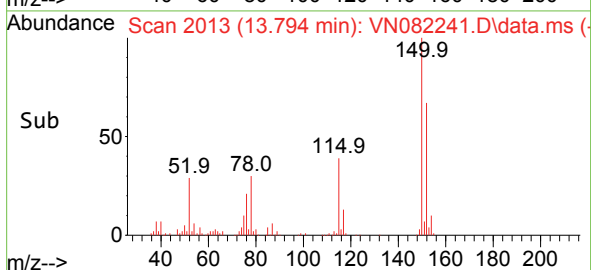
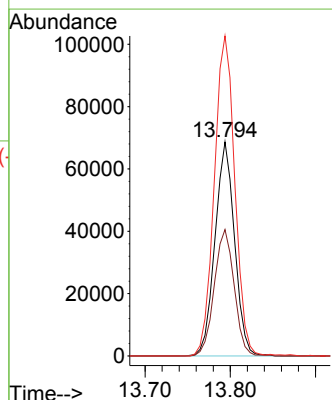
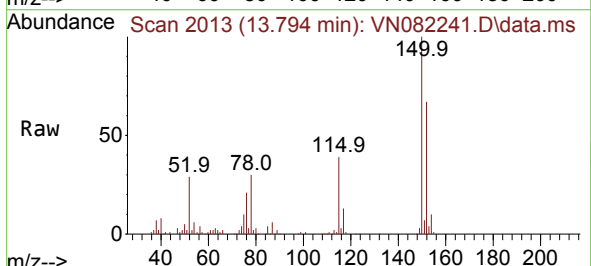
RT: 13.794 min Scan# 2013

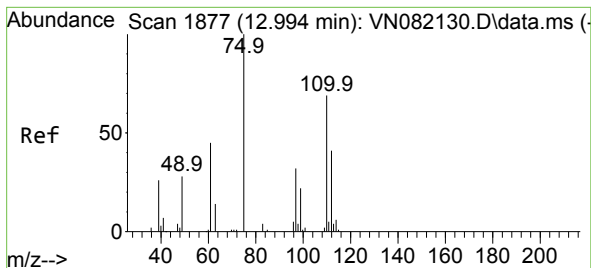
Delta R.T. -0.000 min

Lab File: VN082241.D

Acq: 21 May 2024 15:29

Tgt Ion:152	Resp:	109735
Ion Ratio	Lower	Upper
152	100	
115	60.1	30.4 91.3
150	157.1	0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 30.557 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082241.D

Acq: 21 May 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

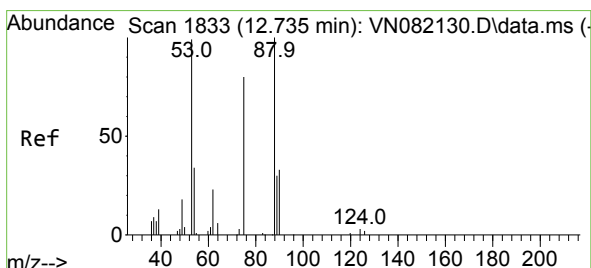
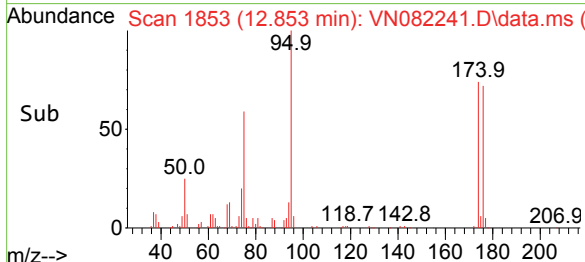
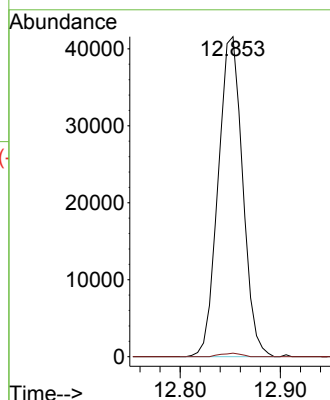
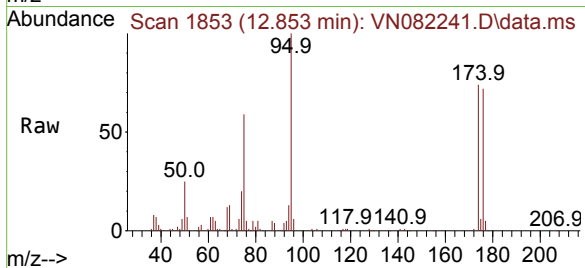
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 70577

Ion Ratio Lower Upper

75 100

77 0.9 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.472 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN082241.D

Acq: 21 May 2024 15:29

Tgt Ion: 75 Resp: 70577

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

