

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082347.D
 Acq On : 28 May 2024 15:17
 Operator : JC\MD
 Sample : P2606-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 29 06:51:28 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)

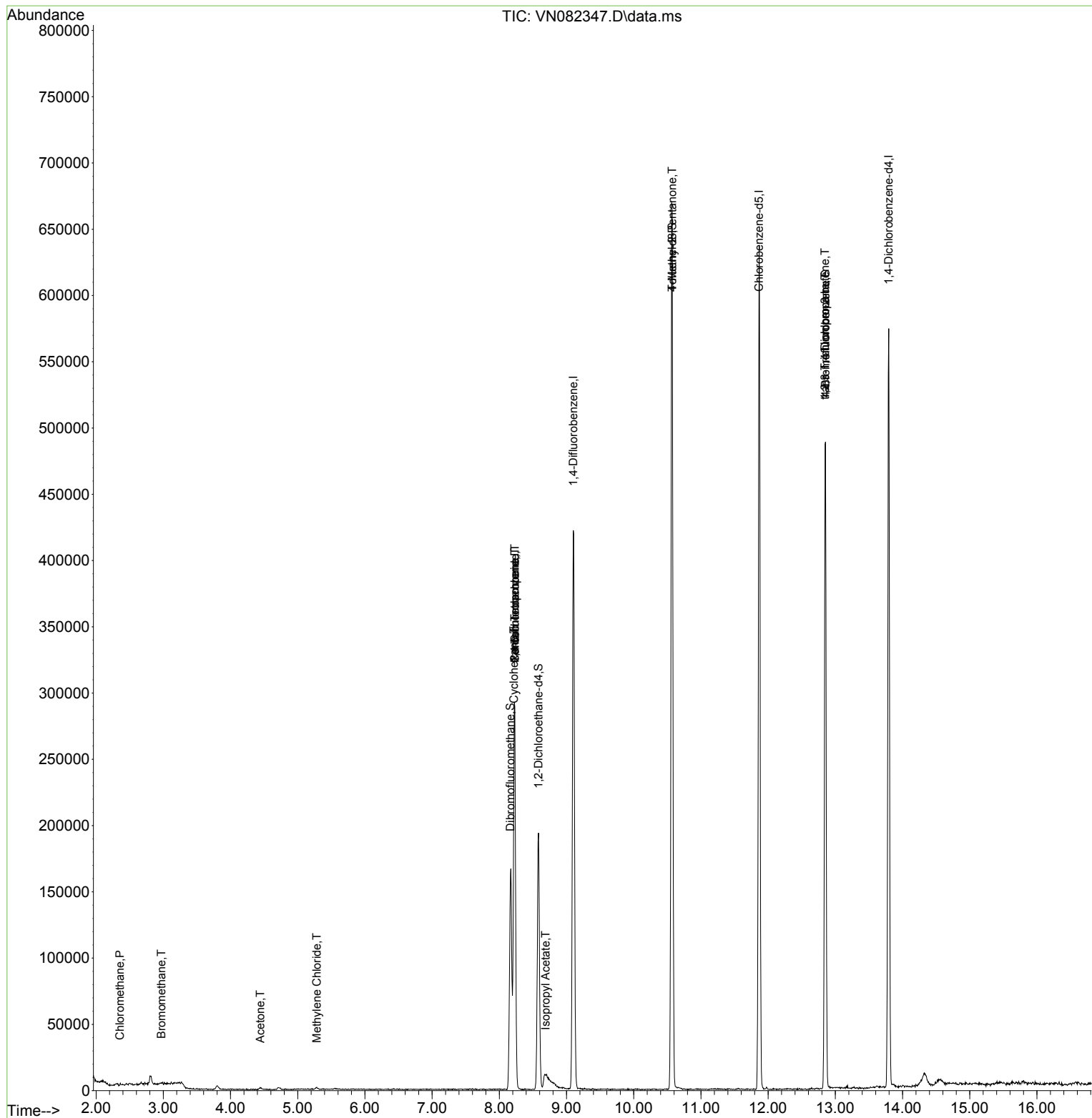
Internal Standards						
1) Pentafluorobenzene	8.230	168	205834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159791	49.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	8.165	113	112098	51.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	10.571	98	442664	53.524	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.853	95	160359	54.324	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	924	0.275	ug/l #	43
5) Bromomethane	2.971	94	659	0.363	ug/l	95
16) Acetone	4.442	43	2472	1.854	ug/l	93
20) Methylene Chloride	5.283	84	864	0.321	ug/l #	79
31) Cyclohexane	8.218	56	5914	1.139	ug/l #	56
36) 1,1-Dichloropropene	8.230	75	18583	5.136	ug/l #	48
38) Carbon Tetrachloride	8.230	117	22280	6.075	ug/l #	15
43) Isopropyl Acetate	8.688	43	25363	3.535	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	3195	0.784	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	95588	30.972	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95588	72.443	ug/l #	12

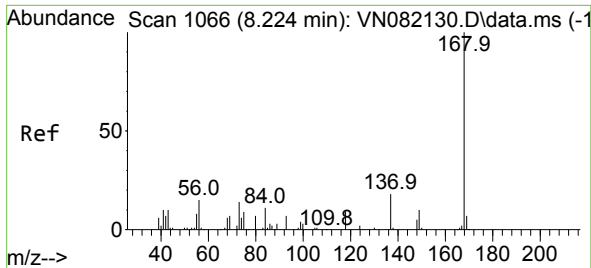
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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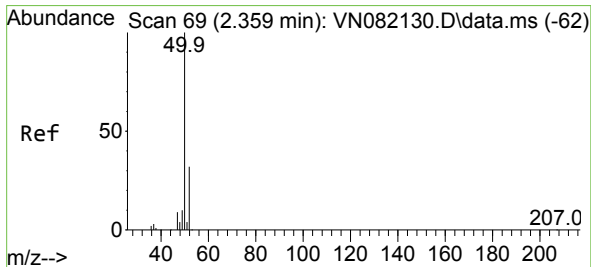
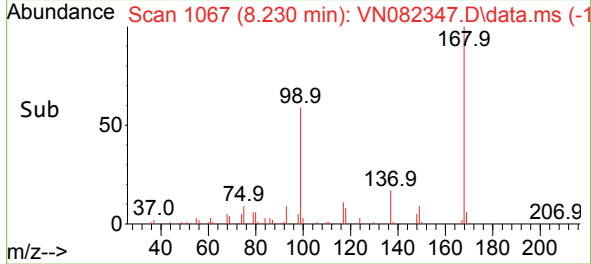
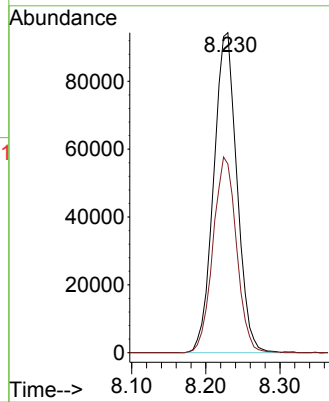
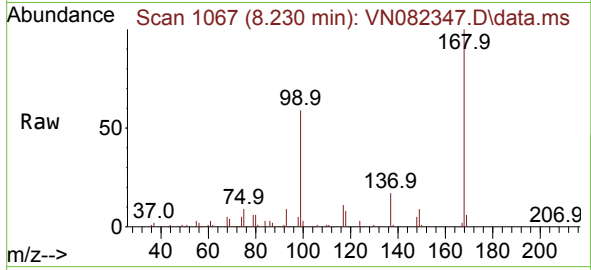




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

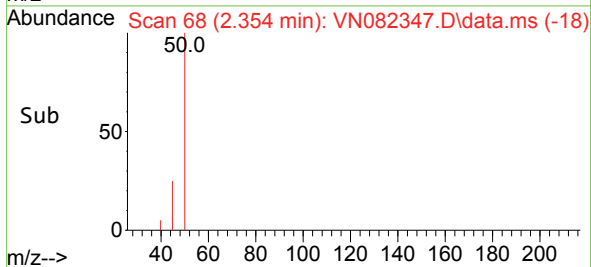
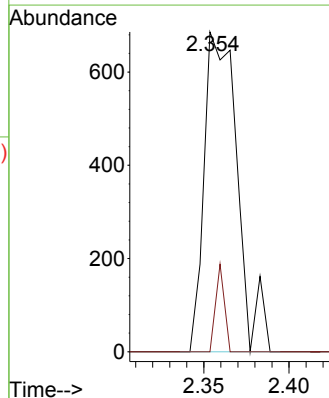
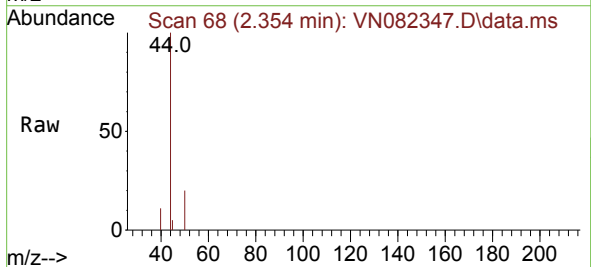
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 205834
Ion Ratio Lower Upper
168 100
99 59.0 48.2 72.4



#3
Chloromethane
Concen: 0.275 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

Tgt Ion: 50 Resp: 924
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

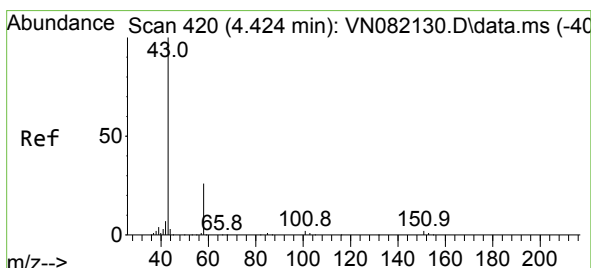
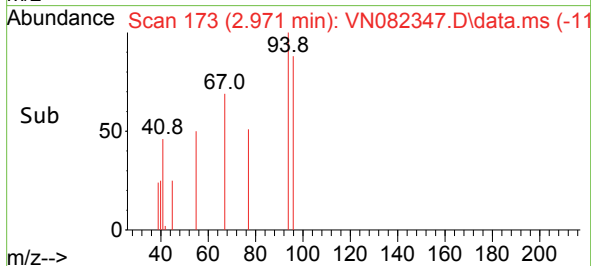
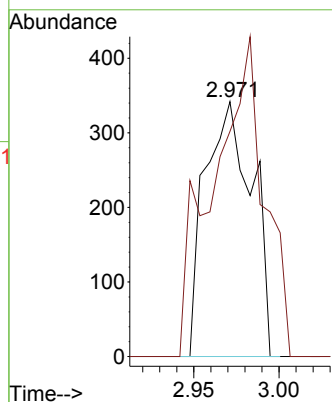
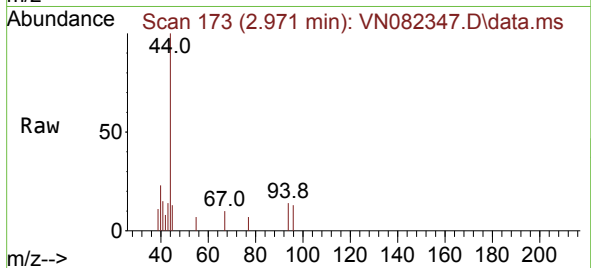




#5
Bromomethane
Concen: 0.363 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

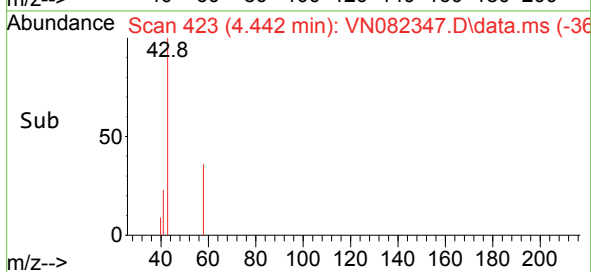
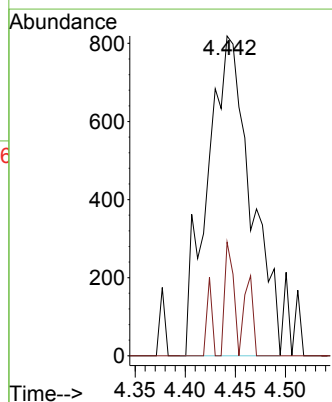
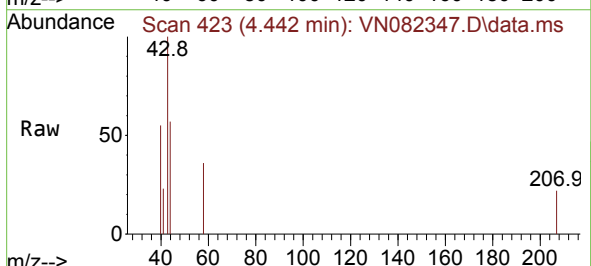
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

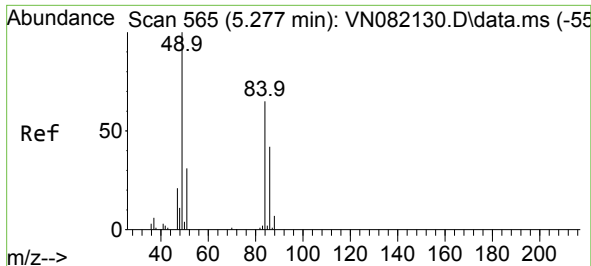
Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 88.3 74.8 112.2



#16
Acetone
Concen: 1.854 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

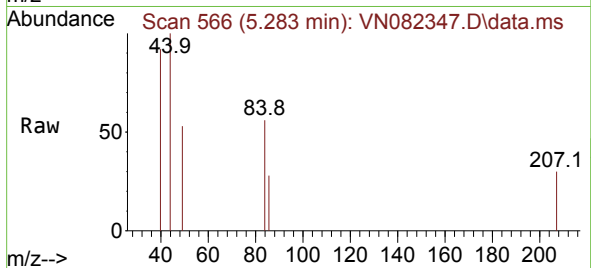
Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
58 35.5 25.2 37.8



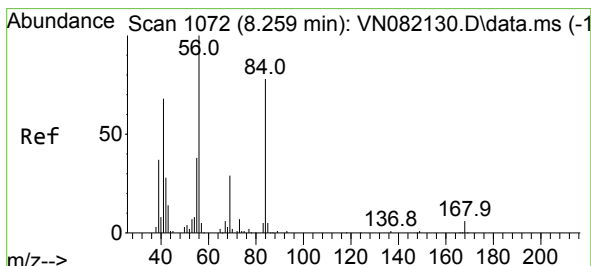
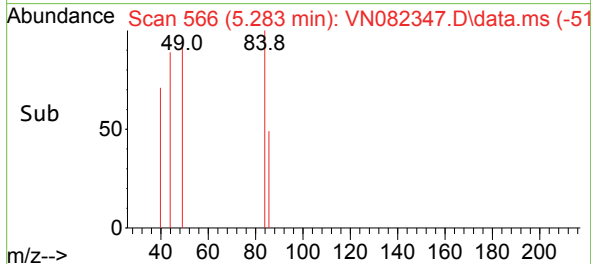
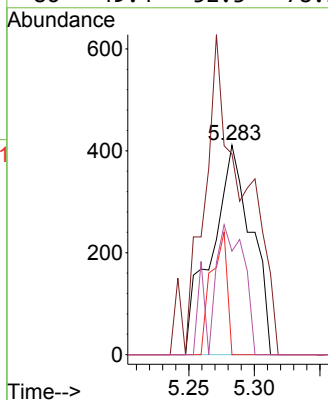


#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

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

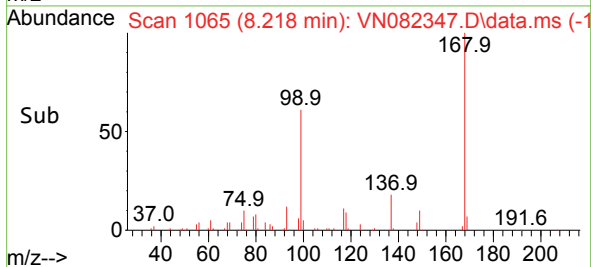
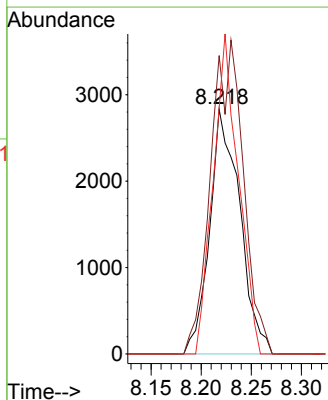
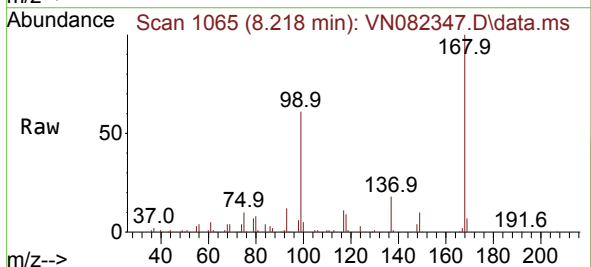


Tgt Ion:	84	Resp:	864
Ion	Ratio	Lower	Upper
84	100		
49	95.9	84.9	127.3
51	0.0	27.0	40.6#
86	49.4	52.3	78.5#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

Tgt Ion:	56	Resp:	5914
Ion	Ratio	Lower	Upper
56	100		
69	121.9	24.4	36.6#
84	100.5	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 49.164 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082347.D

Acq: 28 May 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

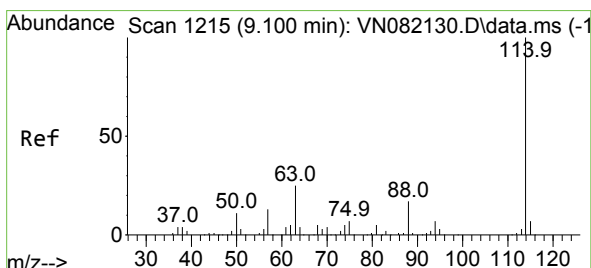
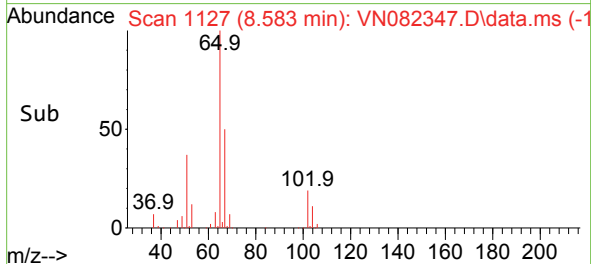
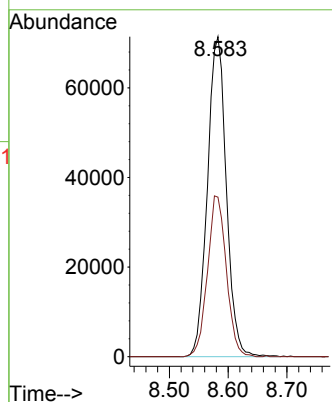
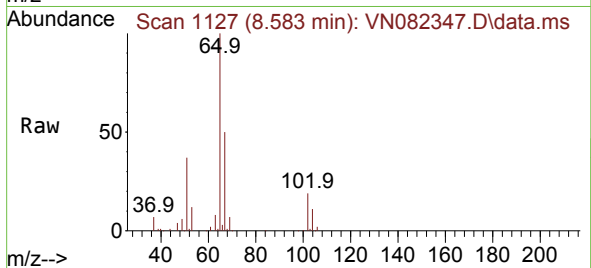
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 159791

Ion Ratio Lower Upper

65 100

67 50.1 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: VN082347.D

Acq: 28 May 2024 15:17

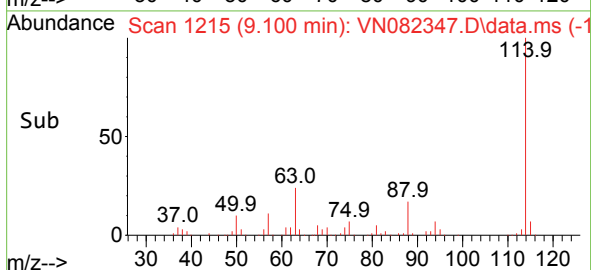
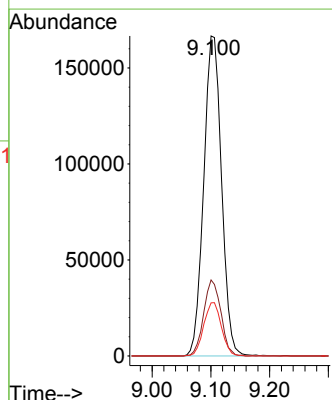
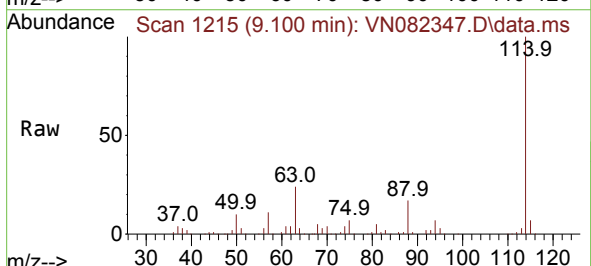
Tgt Ion: 114 Resp: 350669

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.6 0.0 31.4

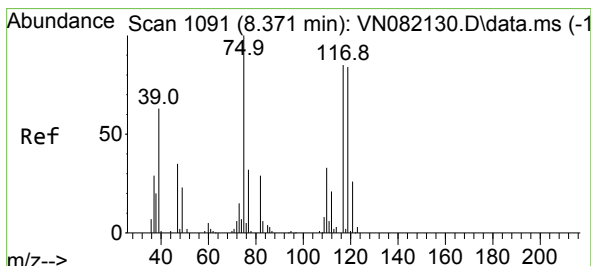
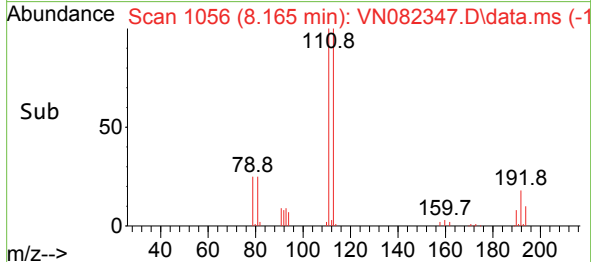
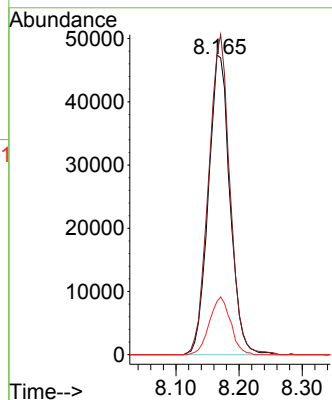
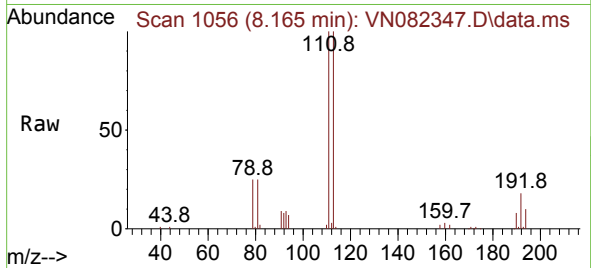




#35
Dibromofluoromethane
Concen: 51.966 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

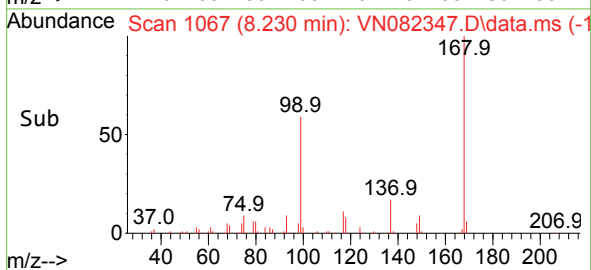
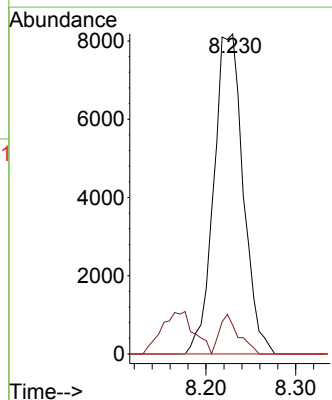
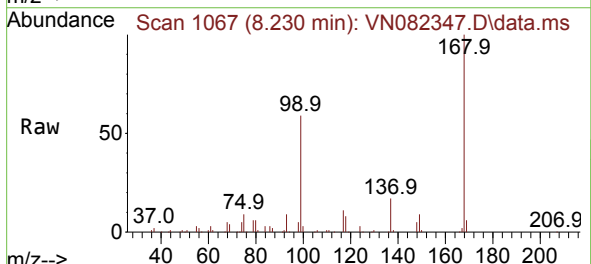
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

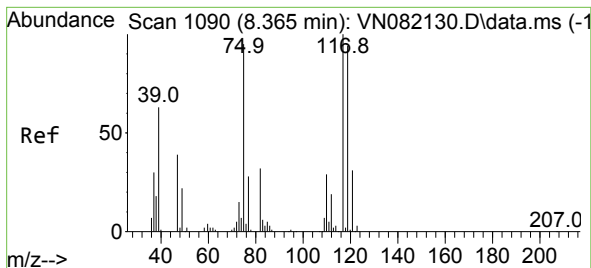
Tgt Ion:113 Resp: 112098
Ion Ratio Lower Upper
113 100
111 106.1 83.4 125.2
192 18.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.136 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

Tgt Ion: 75 Resp: 18583
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.075 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN082347.D

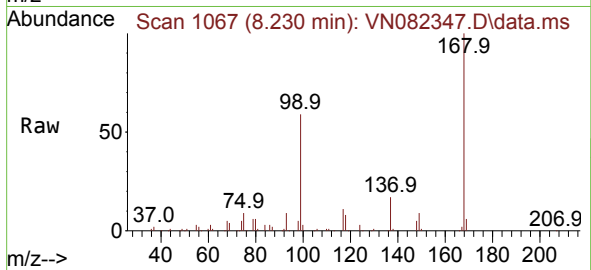
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



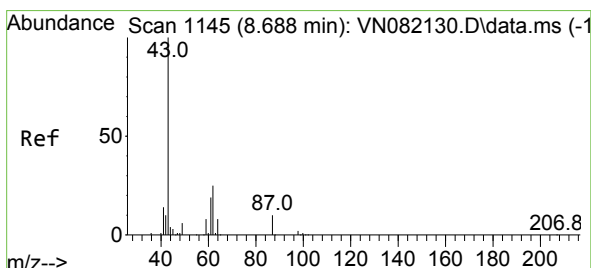
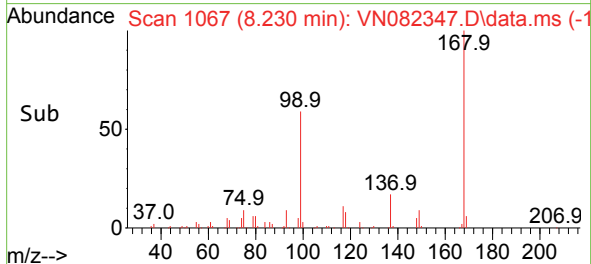
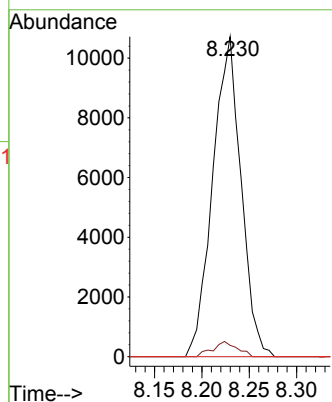
Tgt Ion: 117 Resp: 22280

Ion Ratio Lower Upper

117 100

119 3.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 3.535 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082347.D

Acq: 28 May 2024 15:17

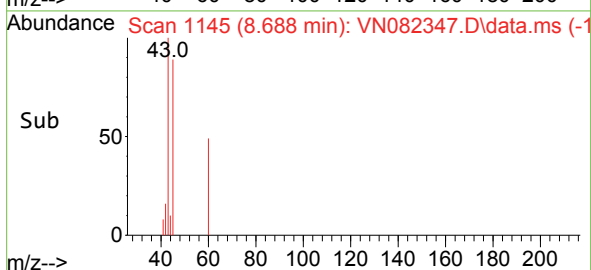
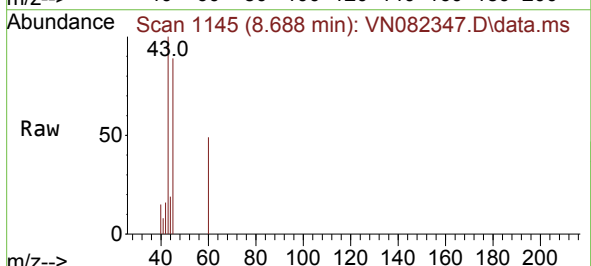
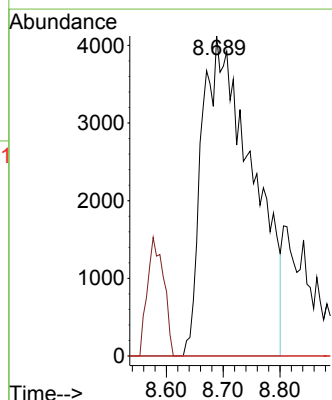
Tgt Ion: 43 Resp: 25363

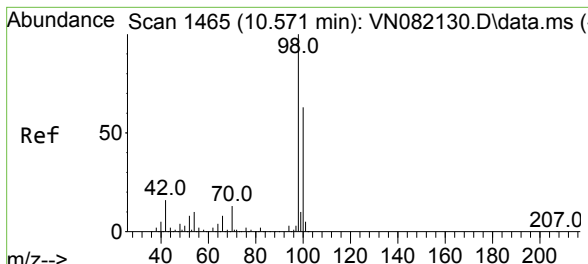
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

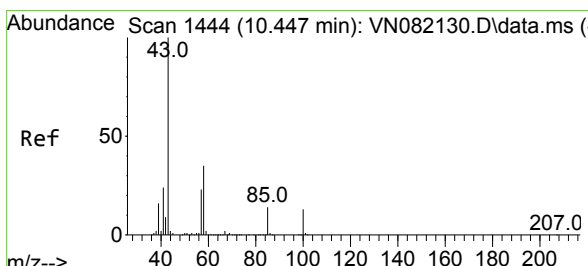
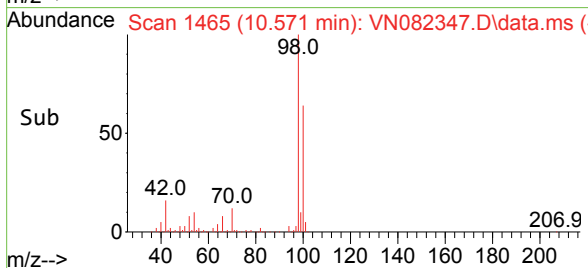
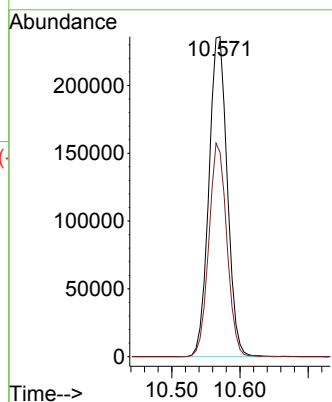
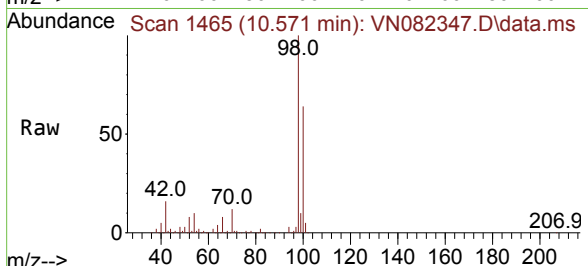




#50
Toluene-d8
Concen: 53.524 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

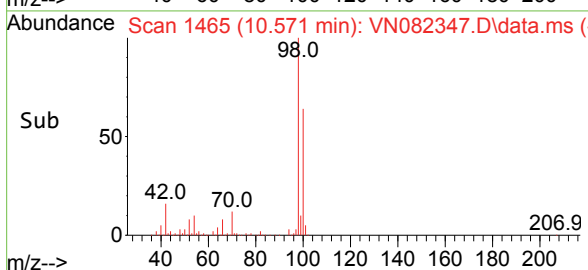
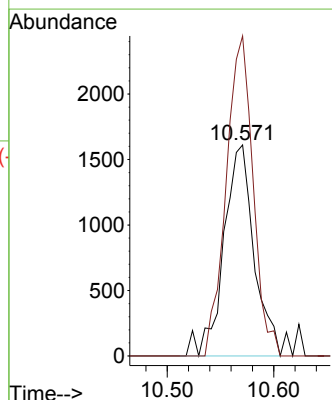
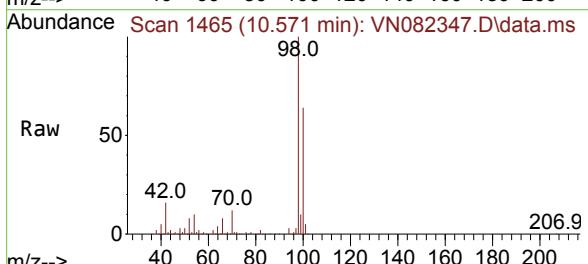
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

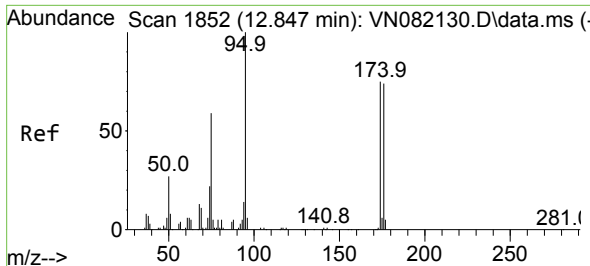
Tgt Ion:	98	Resp:	442664
Ion Ratio	Lower	Upper	
98	100		
100	65.3	51.8	77.6



#51
4-Methyl-2-Pentanone
Concen: 0.784 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

Tgt Ion:	43	Resp:	3195
Ion Ratio	Lower	Upper	
43	100		
58	134.4	33.2	49.8#

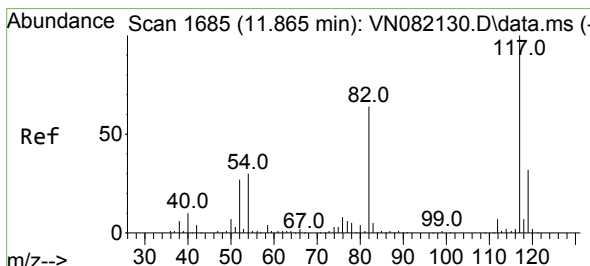
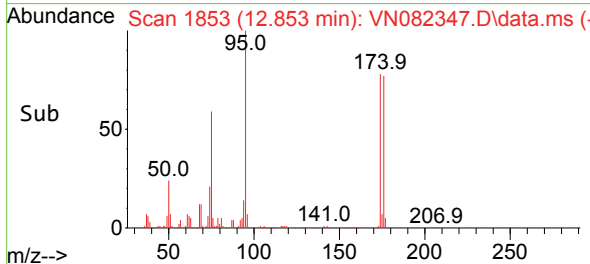
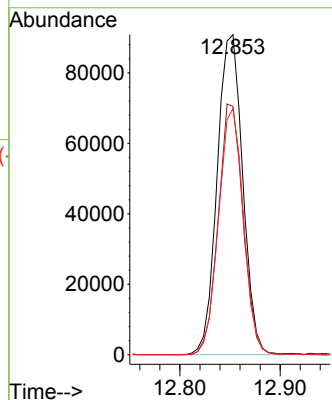
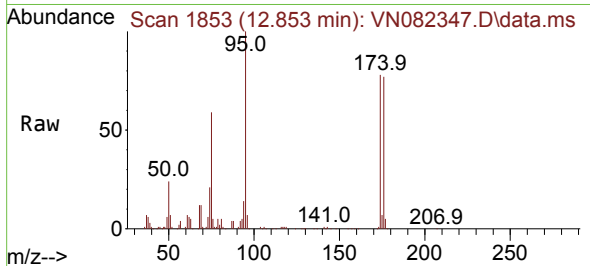




#62
4-Bromofluorobenzene
Concen: 54.324 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

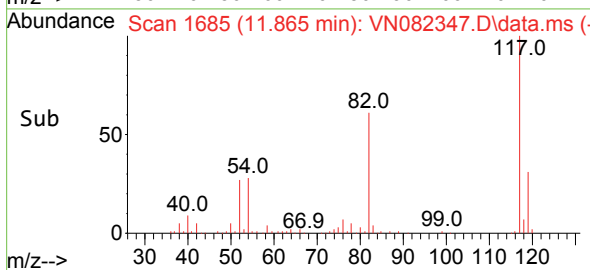
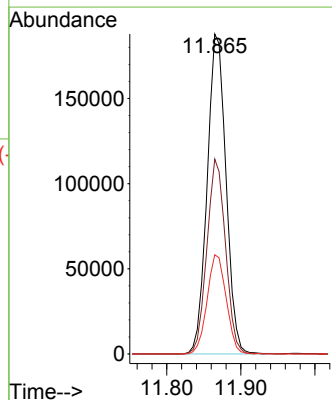
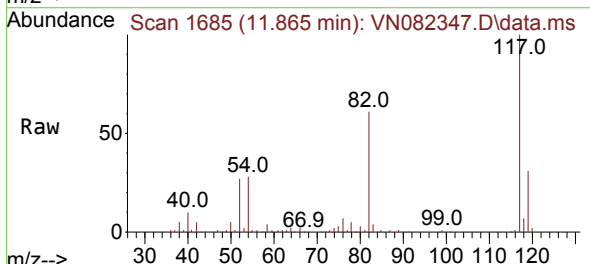
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

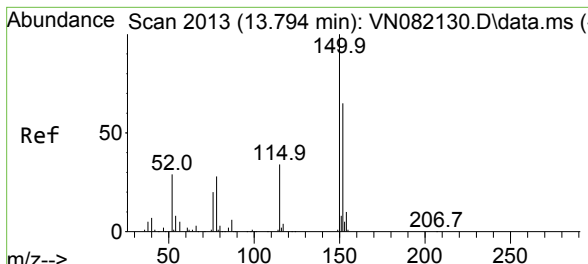
Tgt Ion: 95 Resp: 160359
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 75.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082347.D
Acq: 28 May 2024 15:17

Tgt Ion: 117 Resp: 331818
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 31.0 25.9 38.9

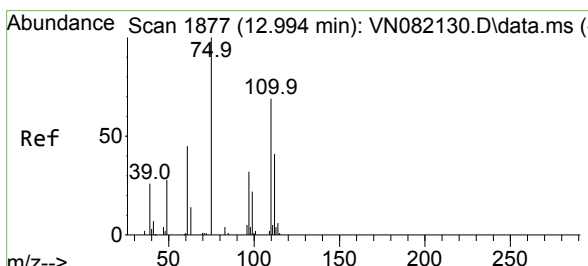
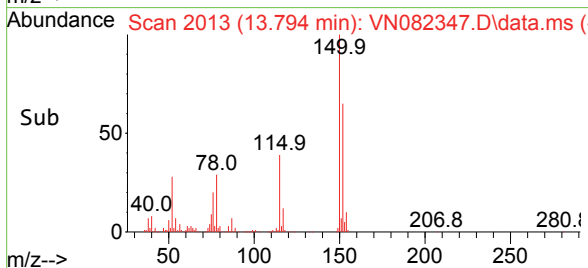
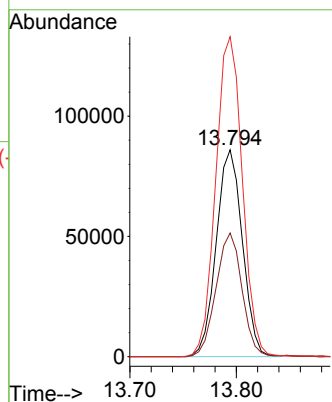
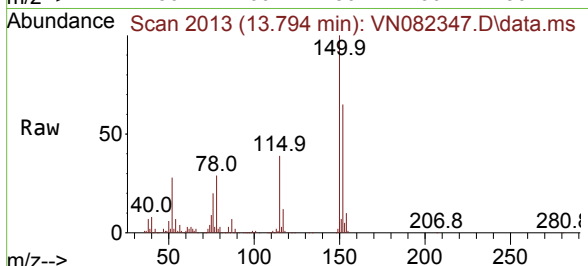




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082347.D
 Acq: 28 May 2024 15:17

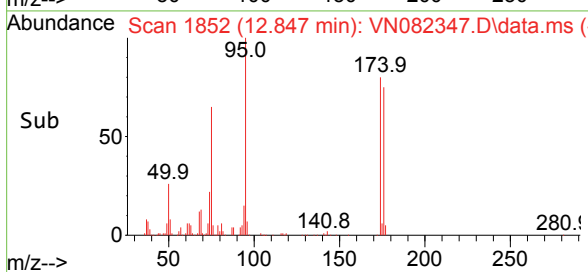
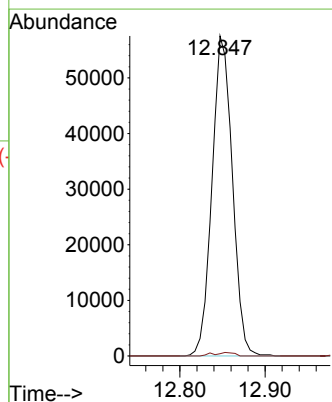
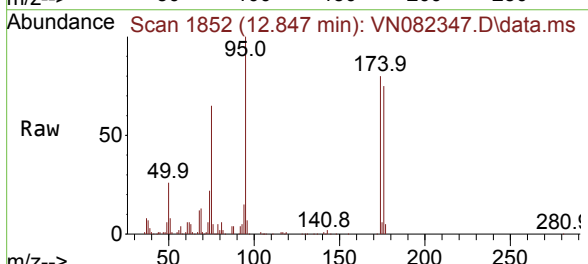
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

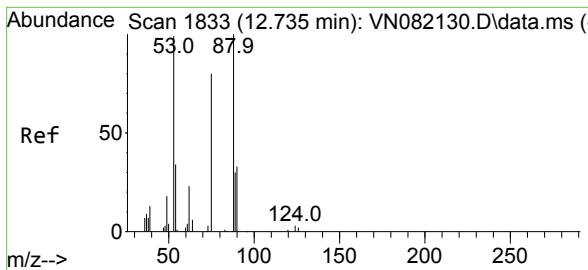
Tgt Ion:152 Resp: 146632
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.4 91.3
 150 157.7 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.972 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082347.D
 Acq: 28 May 2024 15:17

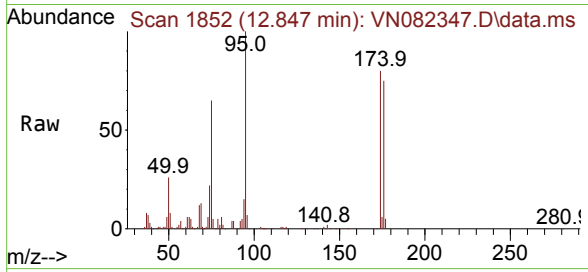
Tgt Ion: 75 Resp: 95588
 Ion Ratio Lower Upper
 75 100
 77 1.1 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.443 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082347.D
 Acq: 28 May 2024 15:17

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



Tgt Ion: 75 Resp: 95588
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

