

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082206.D
 Acq On : 20 May 2024 13:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

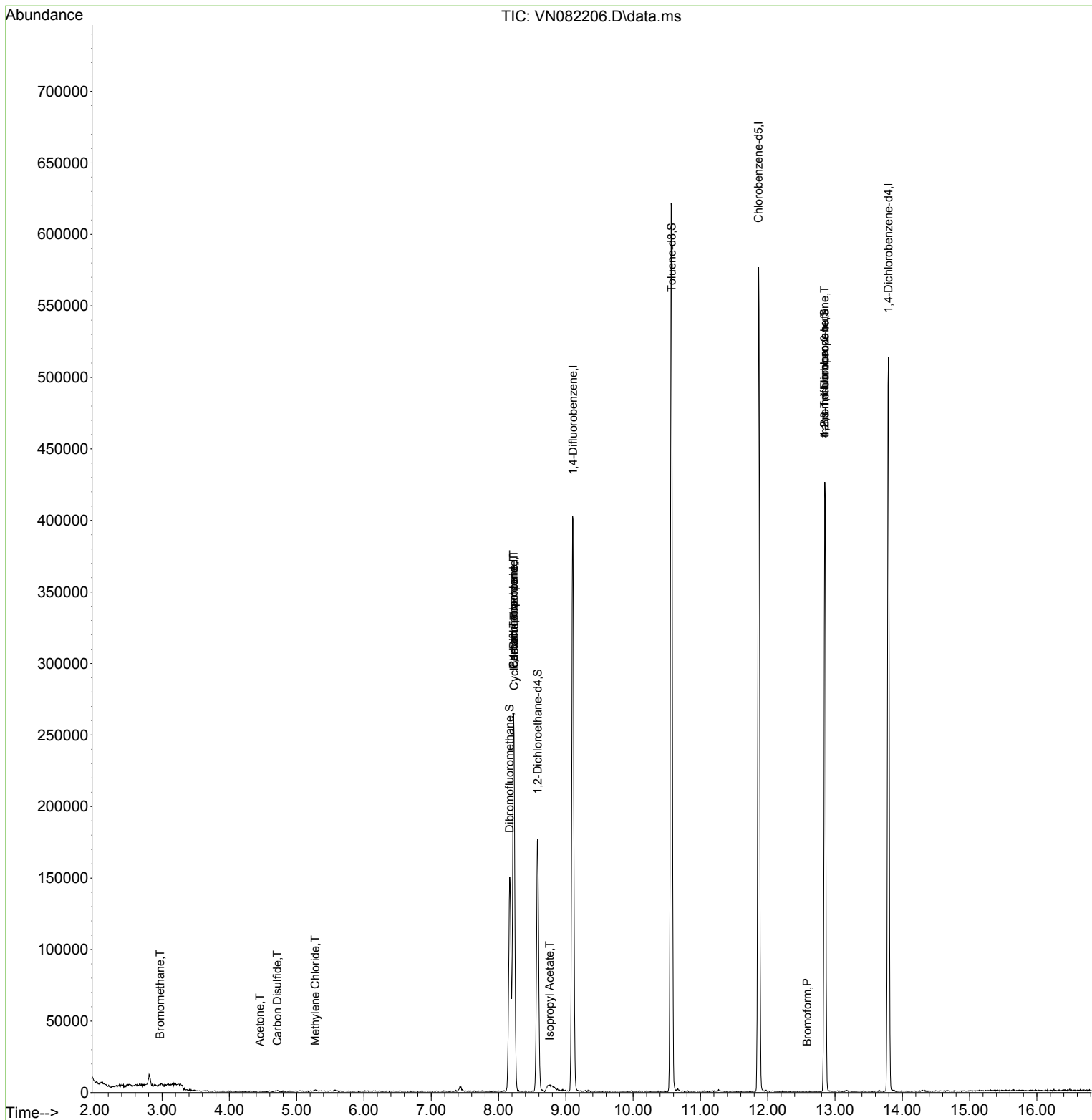
Quant Time: May 21 03:47:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146106	49.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.660%
35) Dibromofluoromethane	8.165	113	105342	53.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.280%
50) Toluene-d8	10.571	98	410227	53.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.847	95	137849	50.815	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	571	0.348	ug/l	97
16) Acetone	4.453	43	557	0.463	ug/l #	43
17) Carbon Disulfide	4.712	76	1527	0.233	ug/l #	74
20) Methylene Chloride	5.277	84	490	0.202	ug/l #	41
31) Cyclohexane	8.230	56	5655	1.208	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	16883	5.078	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19793	5.873	ug/l #	15
43) Isopropyl Acetate	8.759	43	6196	0.940	ug/l #	52
71) Bromoform	12.588	173	62	0.736	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	81456	29.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81456	69.774	ug/l #	12

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

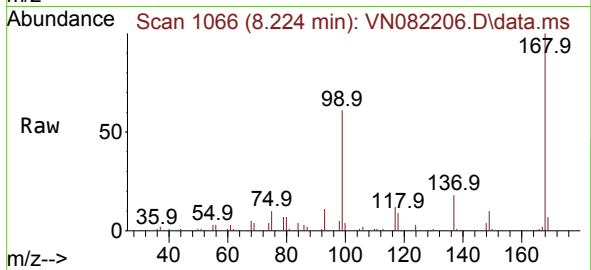
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



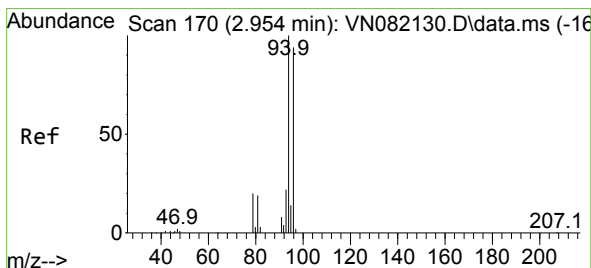
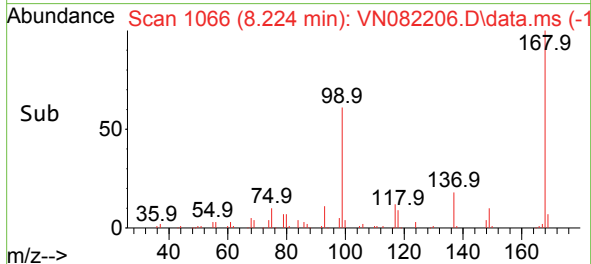
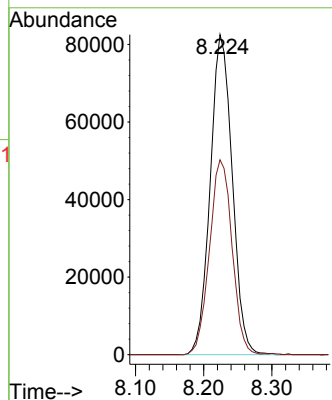


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Instrument :
MSVOA_N
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IBLK

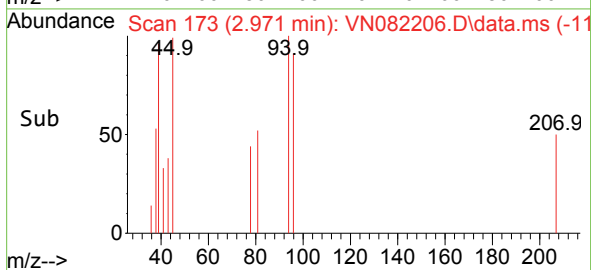
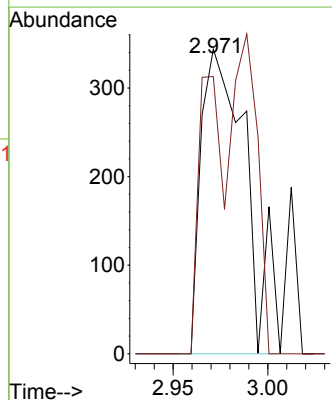
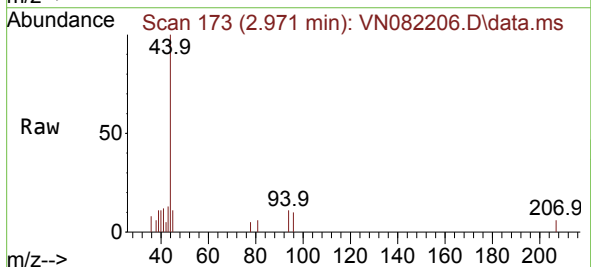


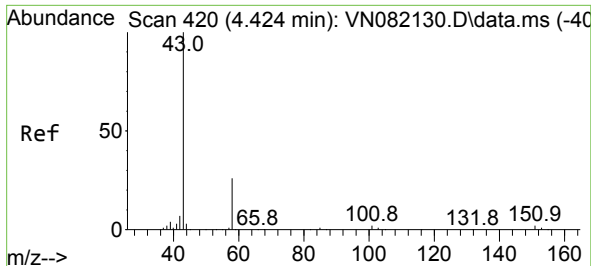
Tgt Ion:168 Resp: 185690
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#5
Bromomethane
Concen: 0.348 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 91.0 74.8 112.2

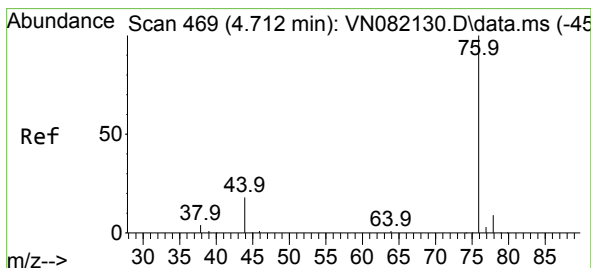
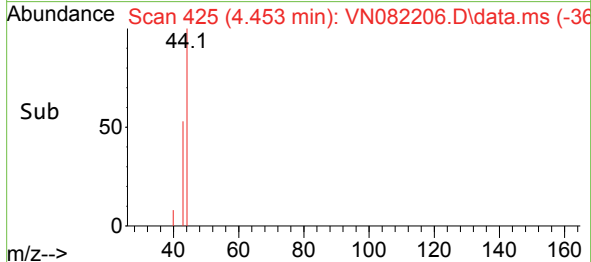
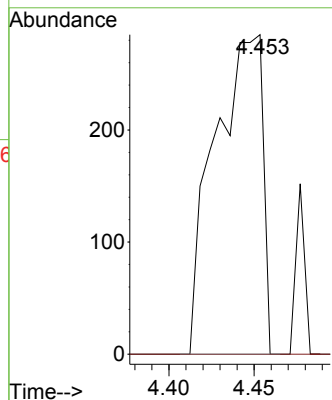
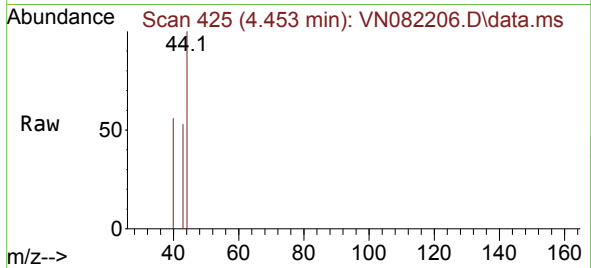




#16
Acetone
Concen: 0.463 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

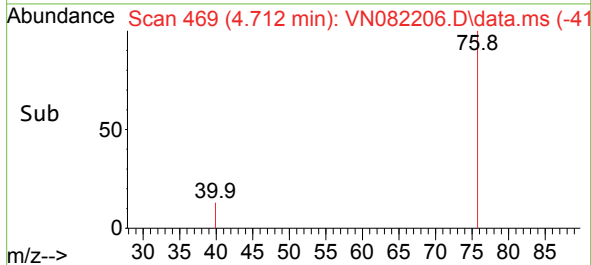
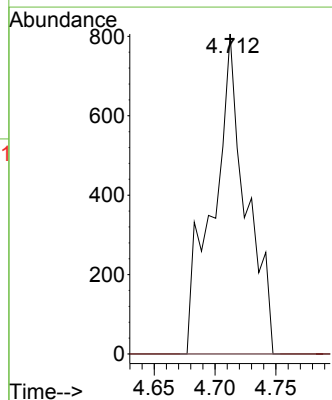
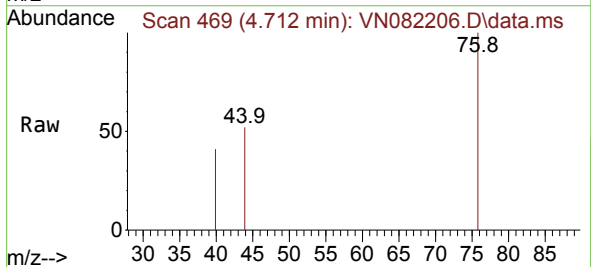
Instrument :
MSVOA_N
ClientSampleId :
IBLK

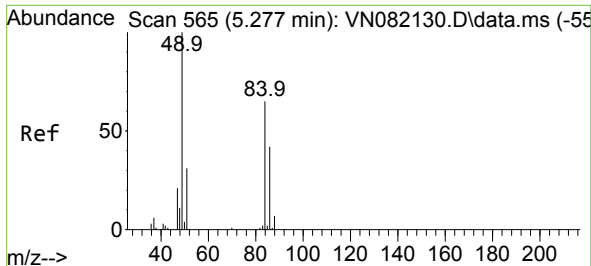
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

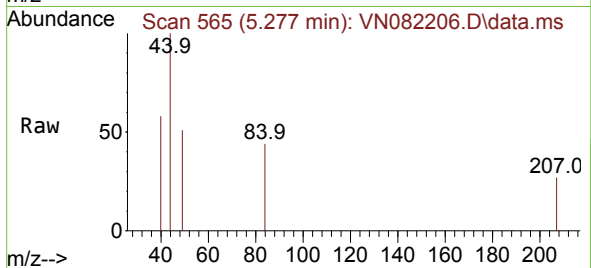
Tgt Ion: 76 Resp: 1527
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



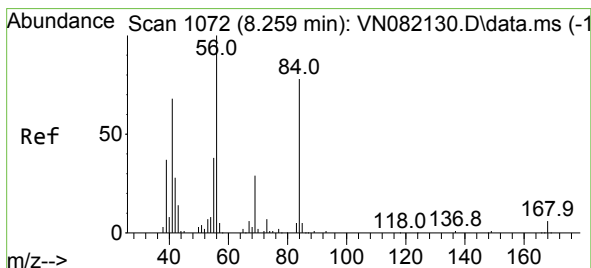
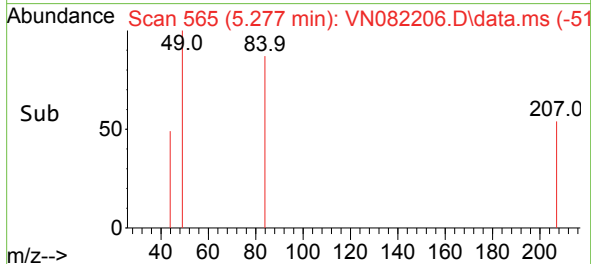
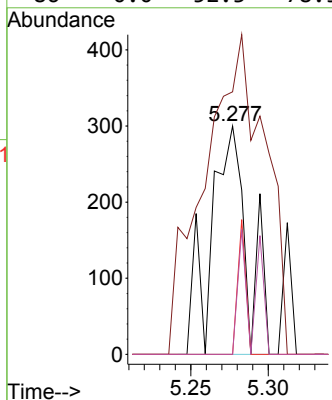


#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

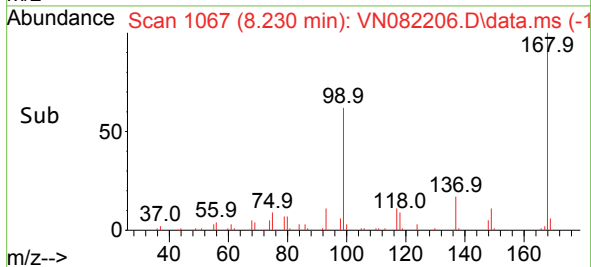
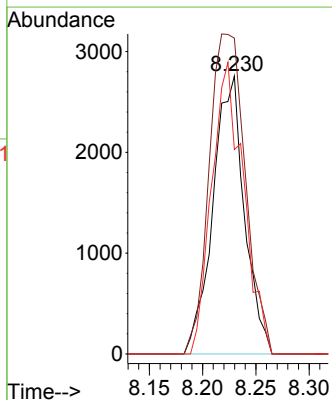
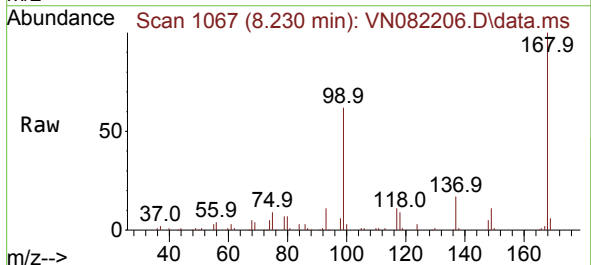


Tgt Ion:	84	Resp:	490
Ion	Ratio	Lower	Upper
84	100		
49	59.3	84.9	127.3#
51	0.0	27.0	40.6#
86	0.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Tgt Ion:	56	Resp:	5655
Ion	Ratio	Lower	Upper
56	100		
69	113.6	24.4	36.6#
84	73.5	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 49.830 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082206.D

Acq: 20 May 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

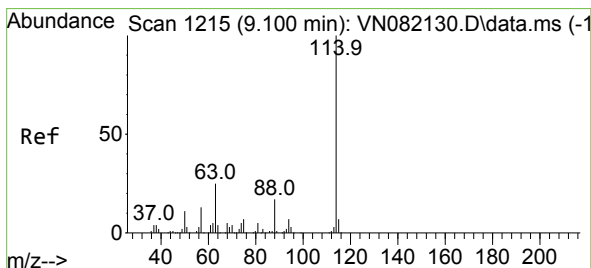
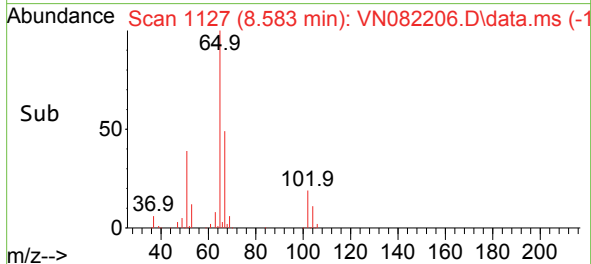
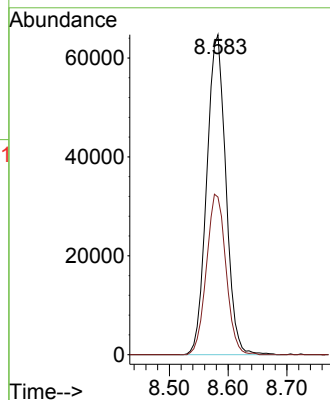
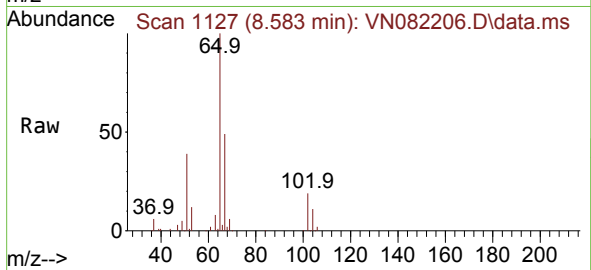
IBLK

Tgt Ion: 65 Resp: 146106

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082206.D

Acq: 20 May 2024 13:46

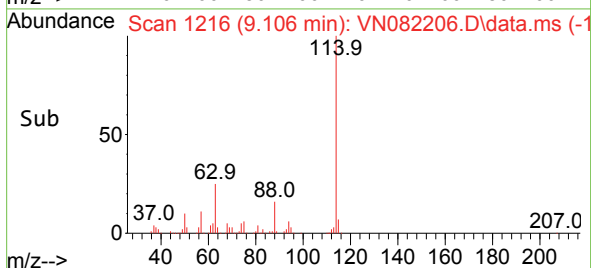
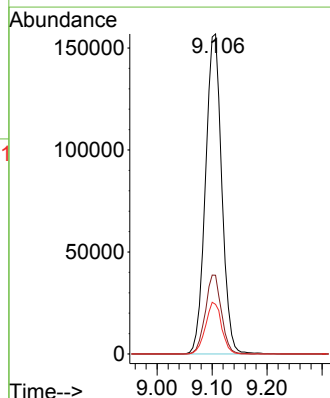
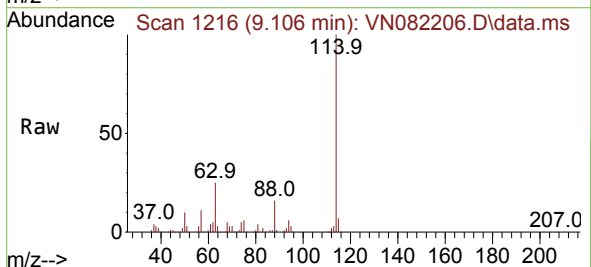
Tgt Ion: 114 Resp: 322263

Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 15.5 0.0 31.4

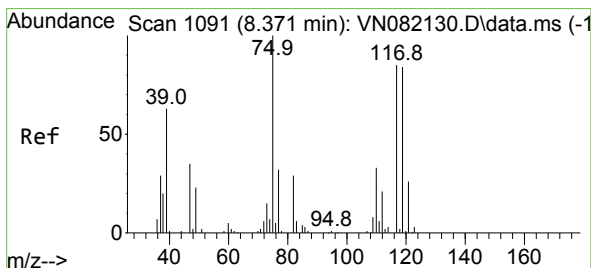
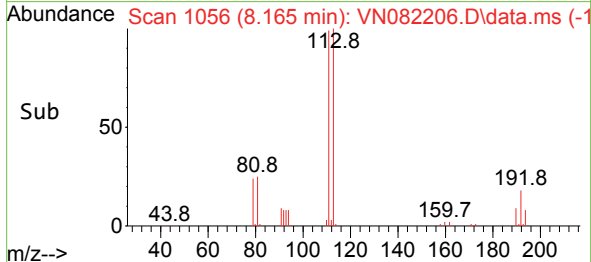
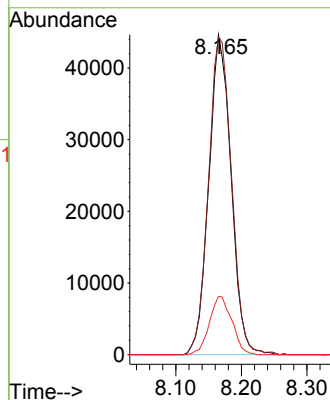
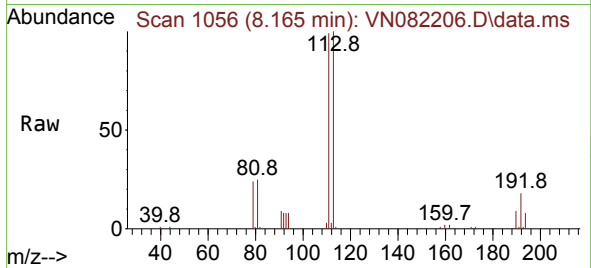




#35
Dibromofluoromethane
Concen: 53.138 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

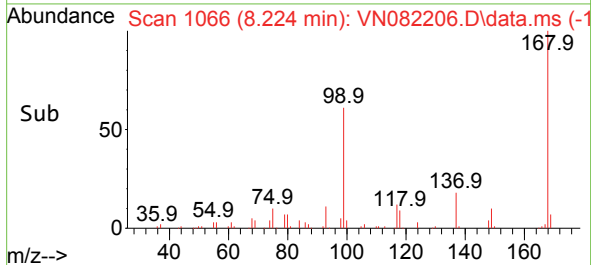
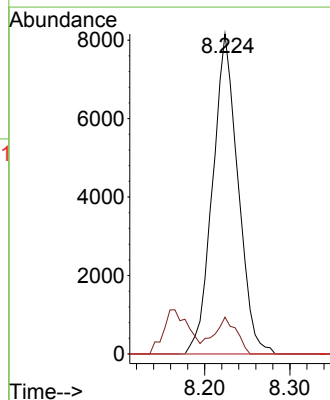
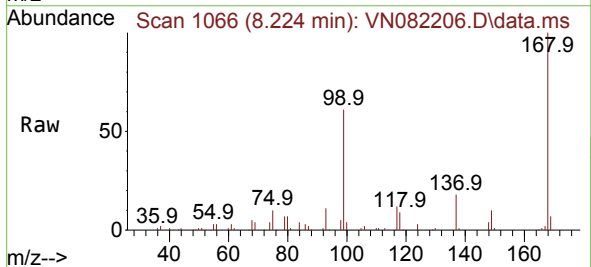
Instrument :
MSVOA_N
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IBLK

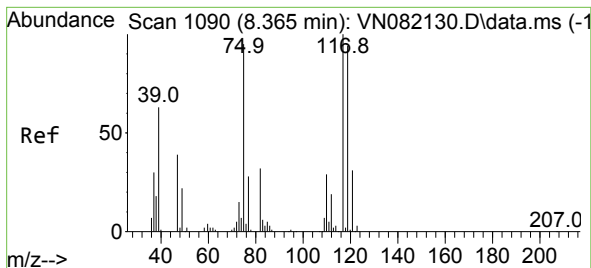
Tgt Ion:113 Resp: 105342
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.078 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Tgt Ion: 75 Resp: 16883
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 8.224 min Scan# 1107

Delta R.T. -0.141 min

Lab File: VN082206.D

Acq: 20 May 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

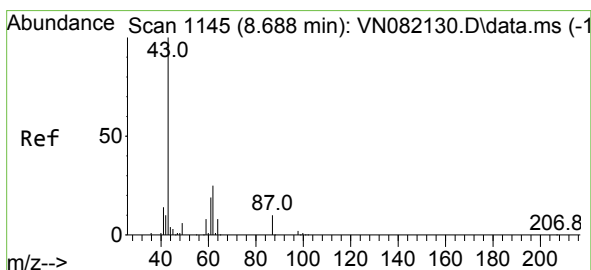
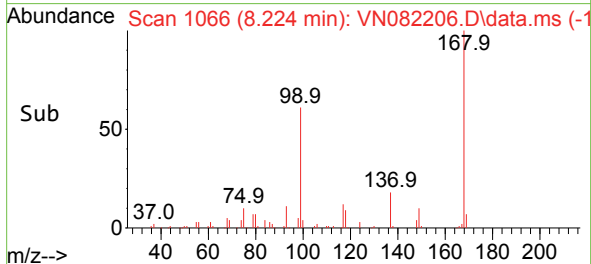
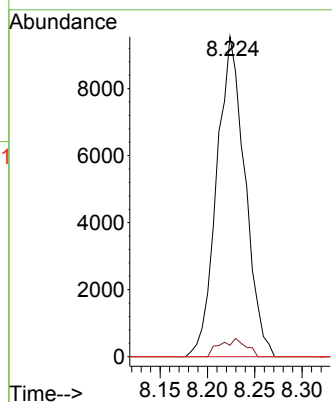
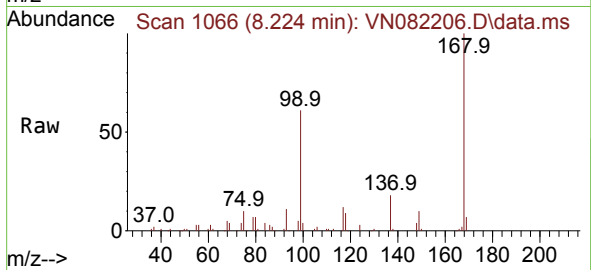
Tgt Ion:117 Resp: 19793

Ion Ratio Lower Upper

117 100

119 3.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.940 ug/l

RT: 8.759 min Scan# 1157

Delta R.T. 0.071 min

Lab File: VN082206.D

Acq: 20 May 2024 13:46

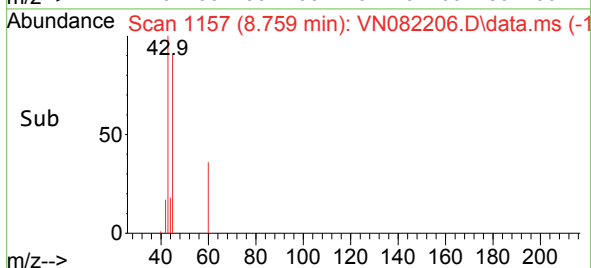
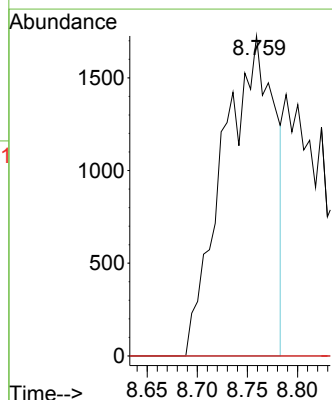
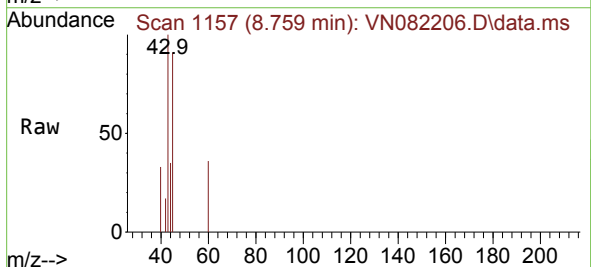
Tgt Ion: 43 Resp: 6196

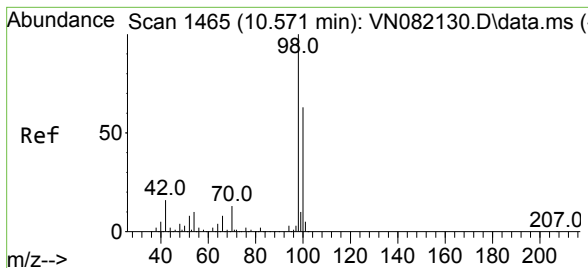
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

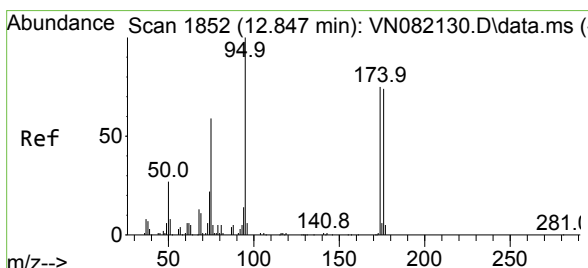
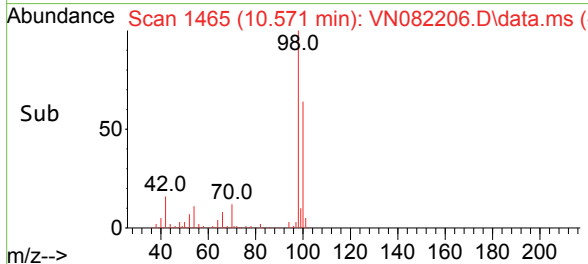
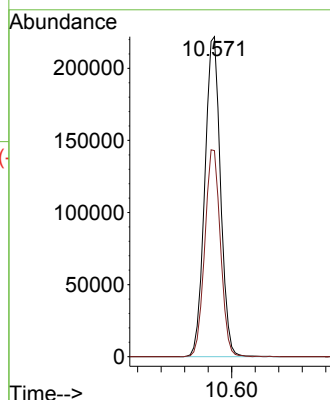
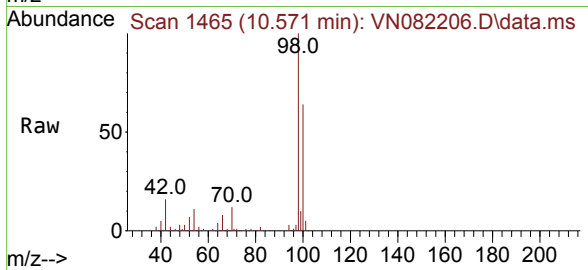




#50
Toluene-d8
Concen: 53.974 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

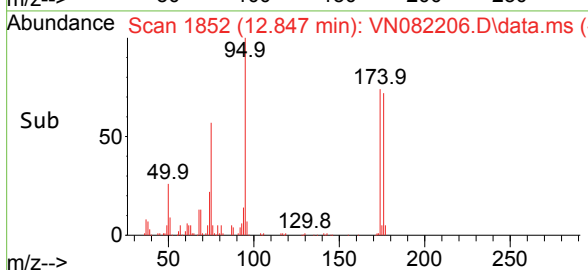
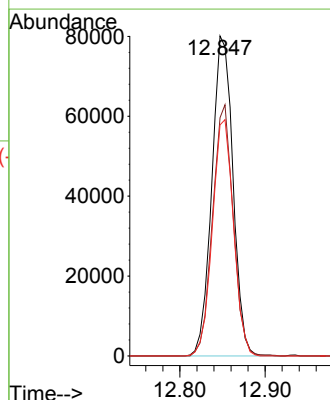
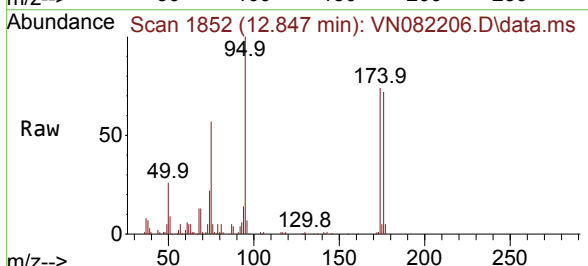
Instrument :
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IBLK

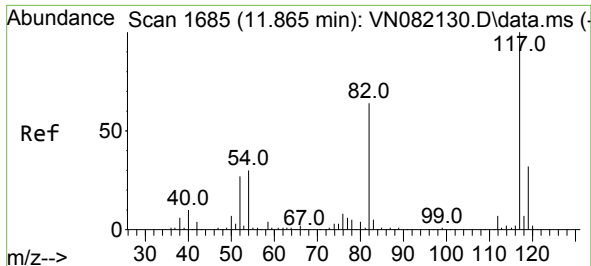
Tgt Ion: 98 Resp: 410227
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Tgt Ion: 95 Resp: 137849
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 73.7 0.0 152.8

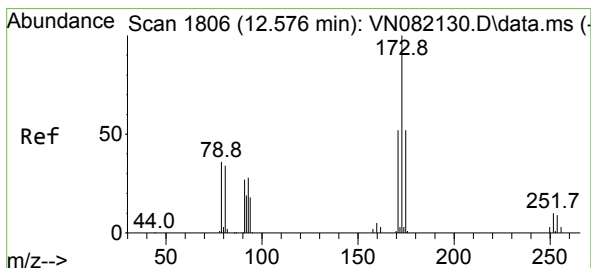
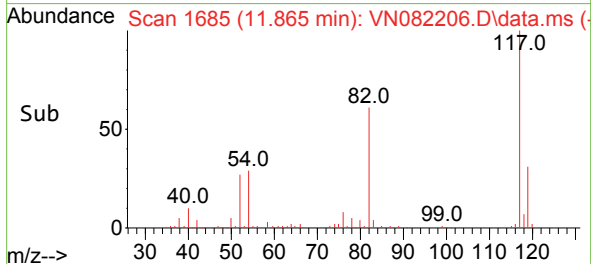
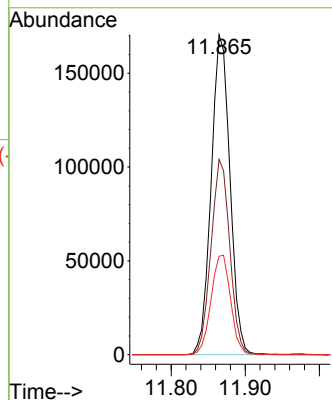
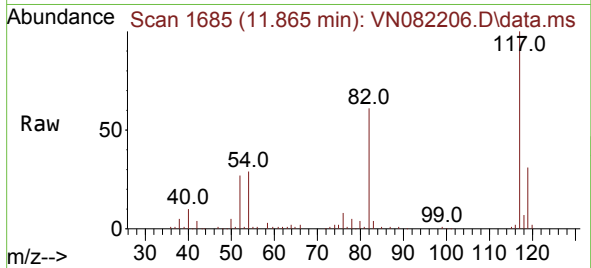




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

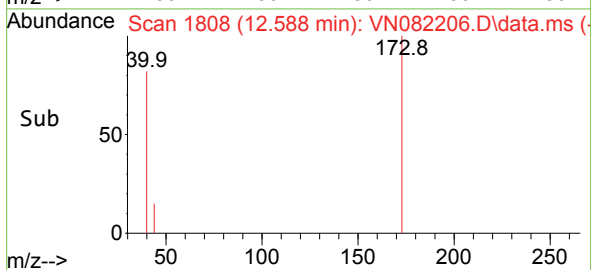
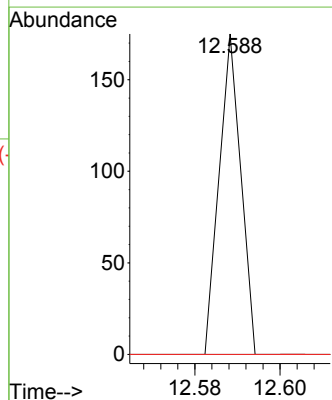
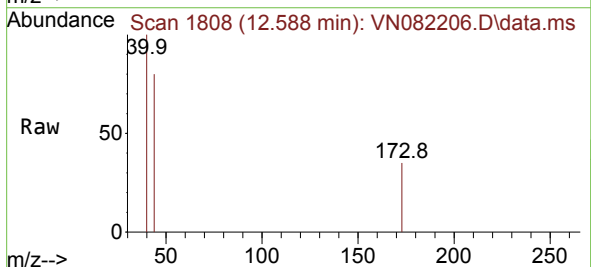
Instrument :
MSVOA_N
ClientSampleId :
IBLK

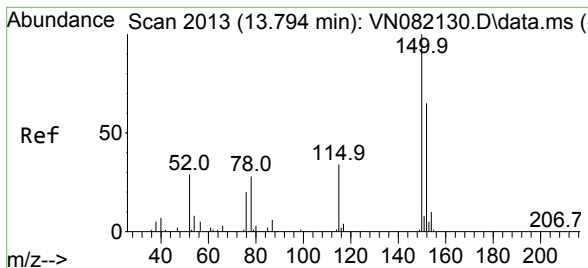
Tgt Ion:117 Resp: 300494
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 30.8 25.9 38.9



#71
Bromoform
Concen: 0.736 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VN082206.D
Acq: 20 May 2024 13:46

Tgt Ion:173 Resp: 62
Ion Ratio Lower Upper
173 100
175 0.0 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: VN082206.D

Acq: 20 May 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

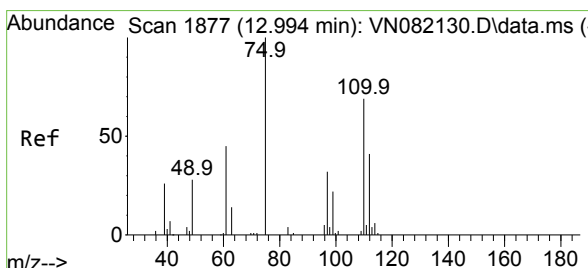
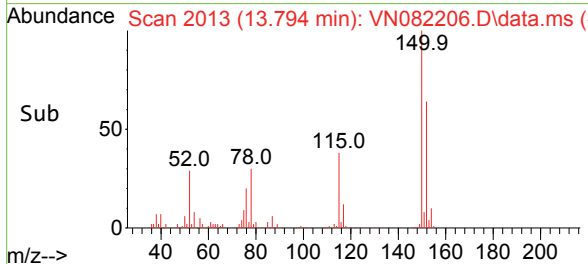
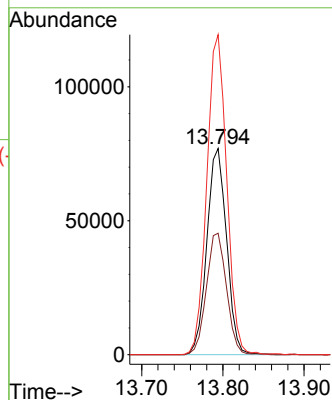
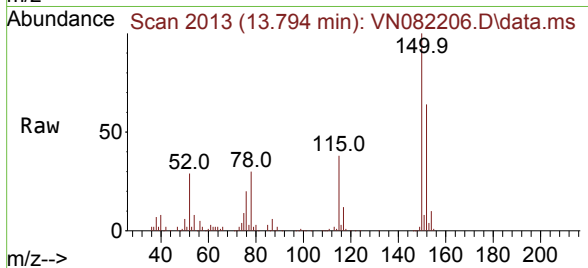
Tgt Ion:152 Resp: 129733

Ion Ratio Lower Upper

152 100

115 60.1 30.4 91.3

150 156.2 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 29.831 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082206.D

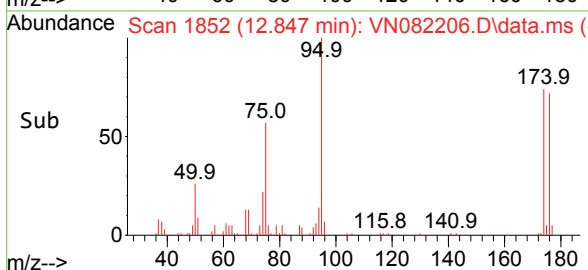
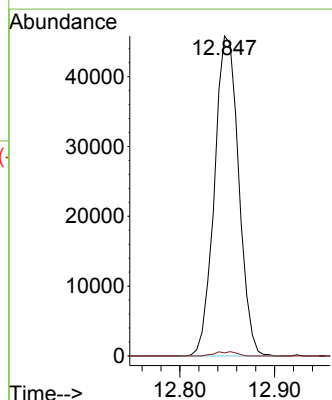
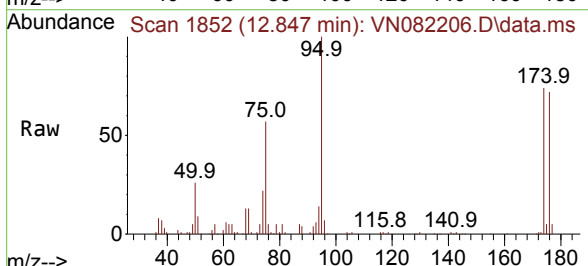
Acq: 20 May 2024 13:46

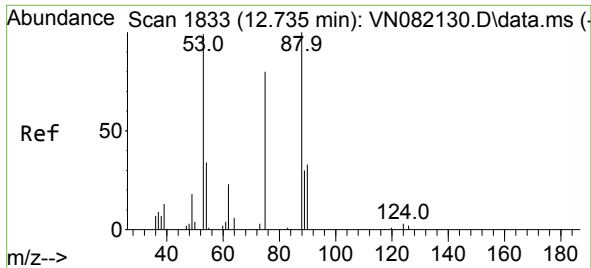
Tgt Ion: 75 Resp: 81456

Ion Ratio Lower Upper

75 100

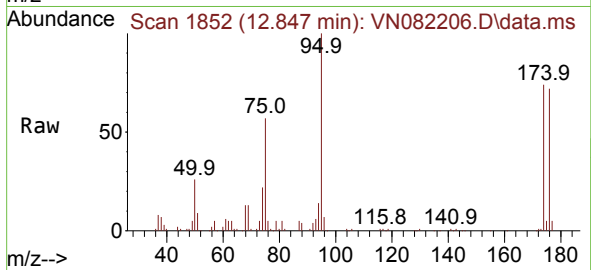
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.774 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN082206.D
 Acq: 20 May 2024 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 81456
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

