

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082406.D
 Acq On : 31 May 2024 14:22
 Operator : JC\MD
 Sample : PB161190ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#04

Quant Time: May 31 22:57:57 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)

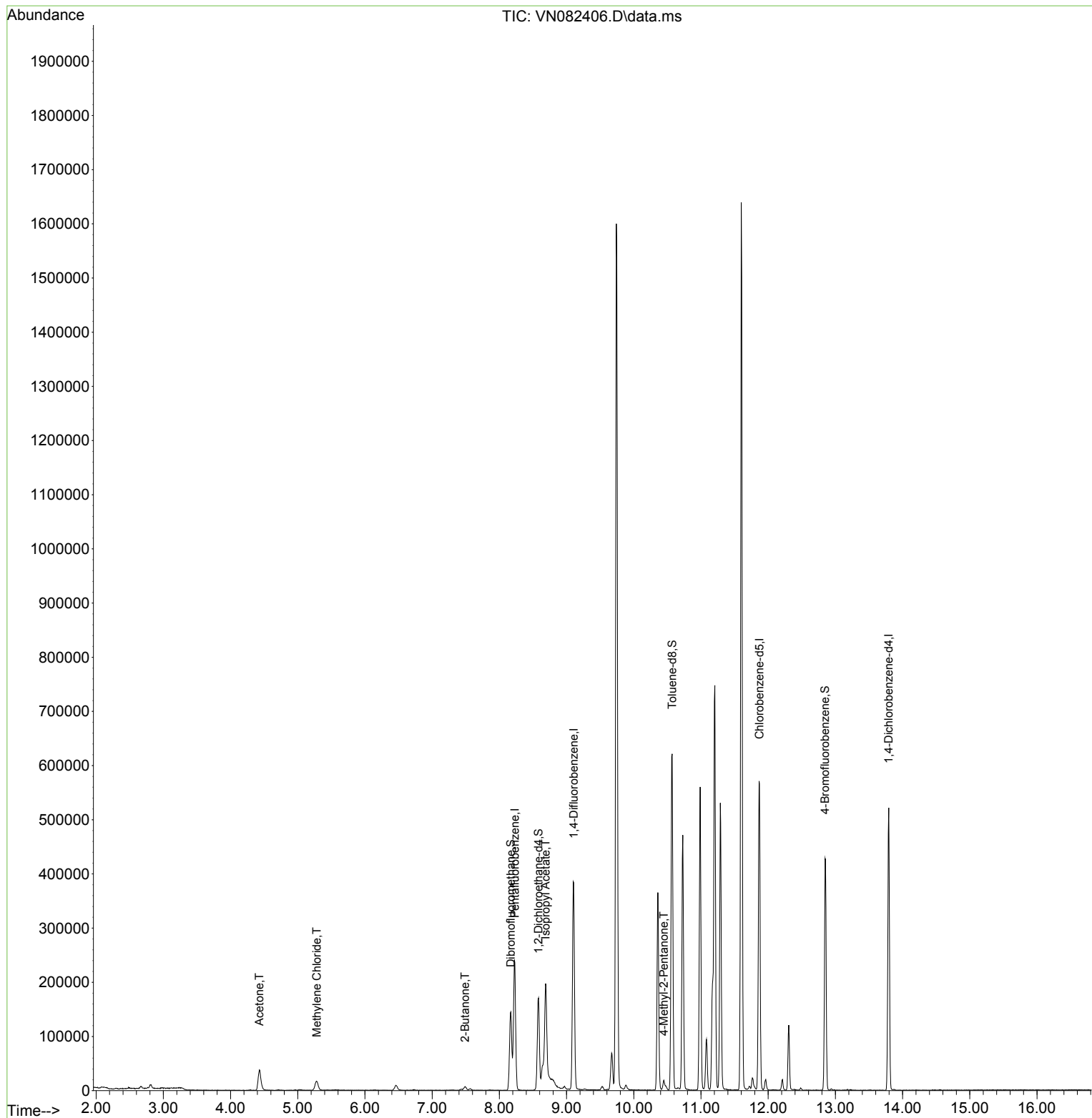
Internal Standards						
1) Pentafluorobenzene	8.230	168	165163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	301654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140727	53.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.920%			
35) Dibromofluoromethane	8.171	113	100996	53.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	10.571	98	403860	55.690	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.380%			
62) 4-Bromofluorobenzene	12.847	95	139389	53.852	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 107.700%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	73363	68.574	ug/l	96
20) Methylene Chloride	5.283	84	13045	6.044	ug/l #	83
25) 2-Butanone	7.488	43	12867	7.933	ug/l #	74
43) Isopropyl Acetate	8.688	43	313683	49.863	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	18036	5.046	ug/l #	72

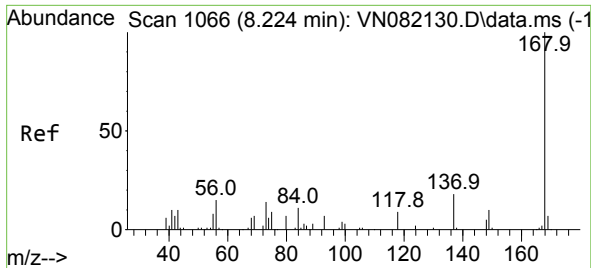
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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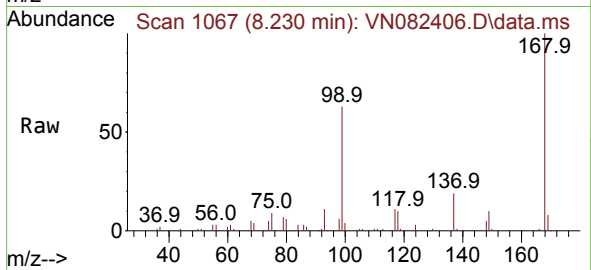
Quant Time: May 31 22:57:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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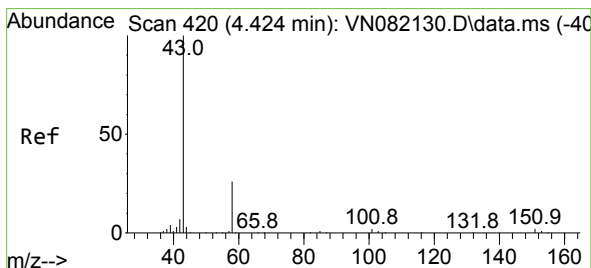
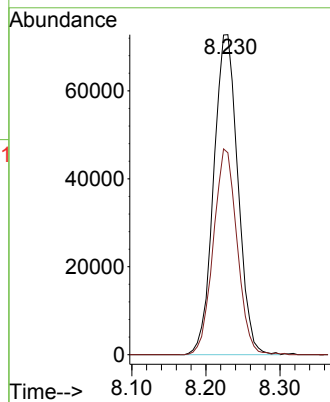
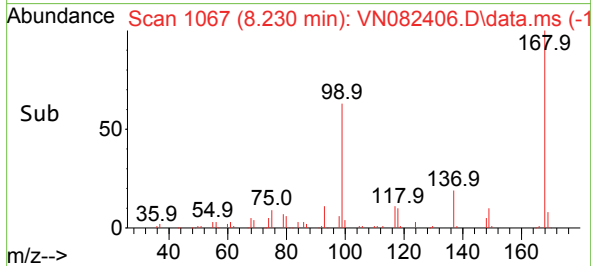


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#04

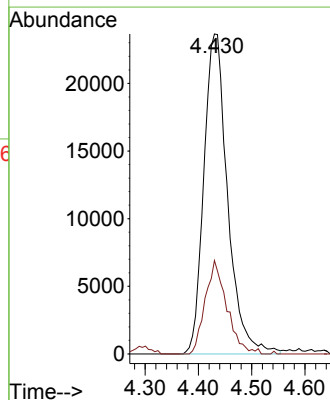
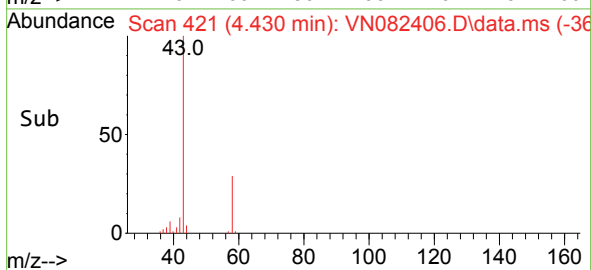
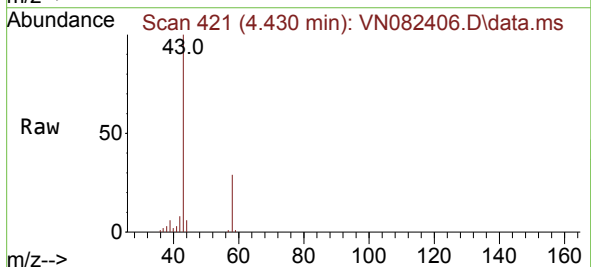


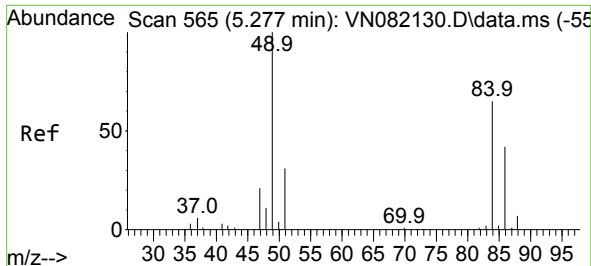
Tgt Ion:168 Resp: 165163
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#16
Acetone
Concen: 68.574 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

Tgt Ion: 43 Resp: 73363
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8

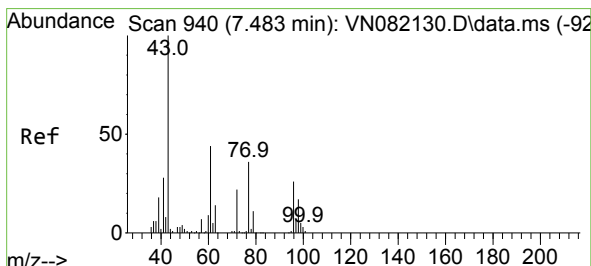
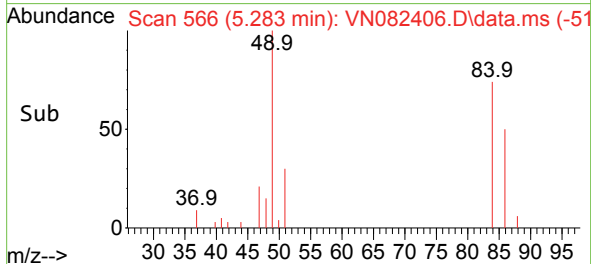
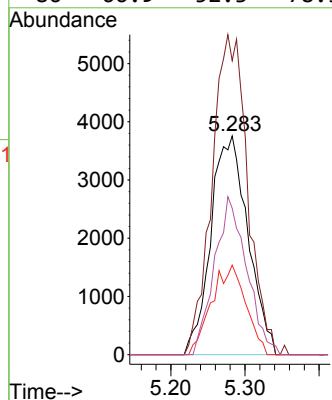
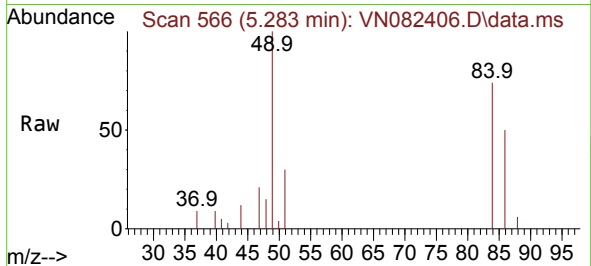




#20
Methylene Chloride
Concen: 6.044 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

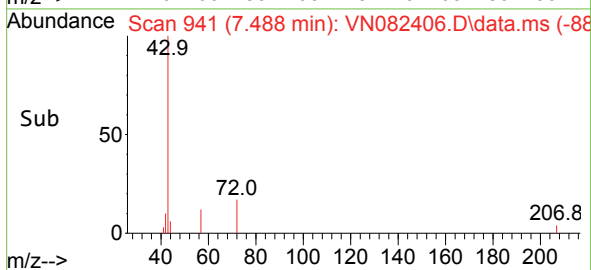
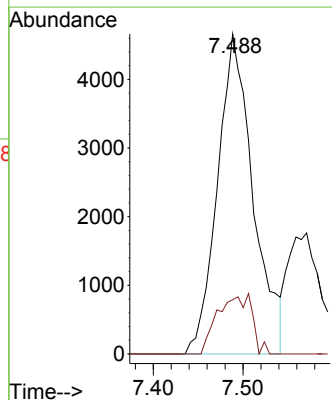
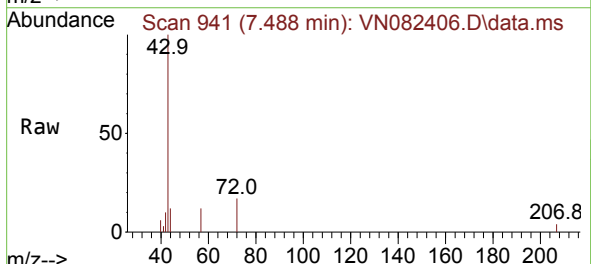
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#04

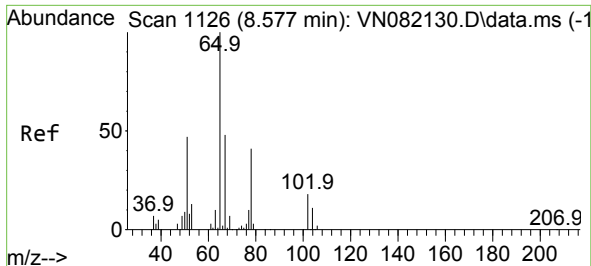
Tgt Ion:	84	Resp:	13045
Ion	Ratio	Lower	Upper
84	100		
49	134.4	84.9	127.3#
51	41.0	27.0	40.6#
86	66.9	52.3	78.5



#25
2-Butanone
Concen: 7.933 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

Tgt Ion:	43	Resp:	12867
Ion	Ratio	Lower	Upper
43	100		
72	16.9	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 53.960 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082406.D

Acq: 31 May 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

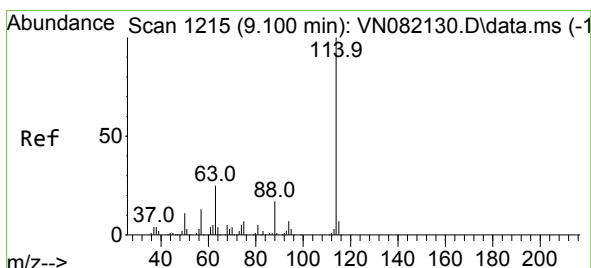
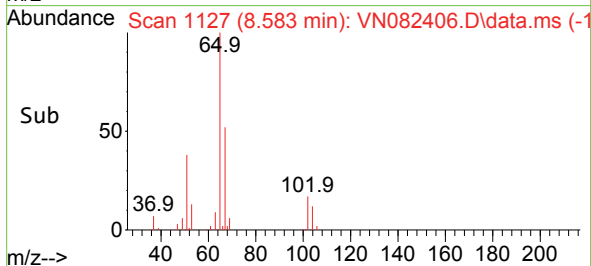
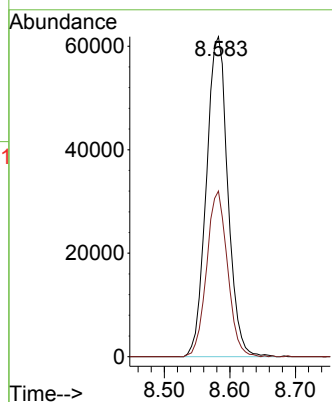
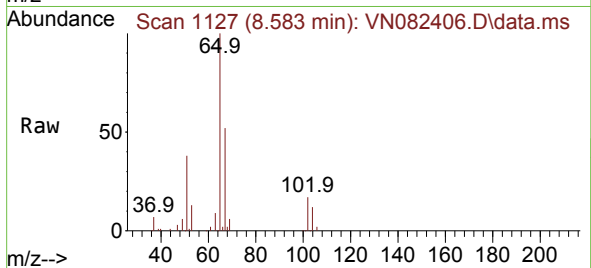
PB161190ZHE#04

Tgt Ion: 65 Resp: 140727

Ion Ratio Lower Upper

65 100

67 50.2 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: VN082406.D

Acq: 31 May 2024 14:22

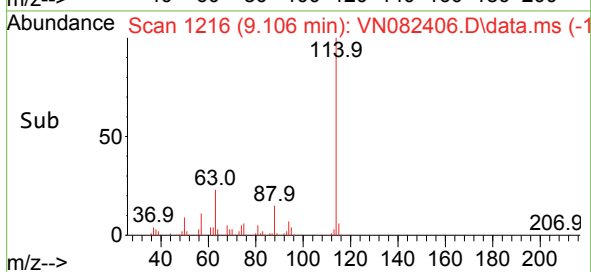
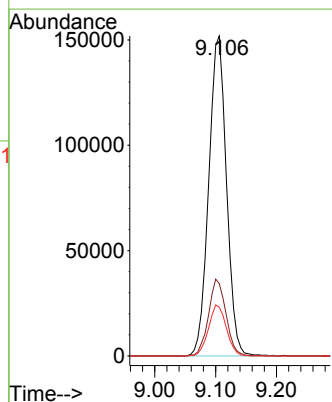
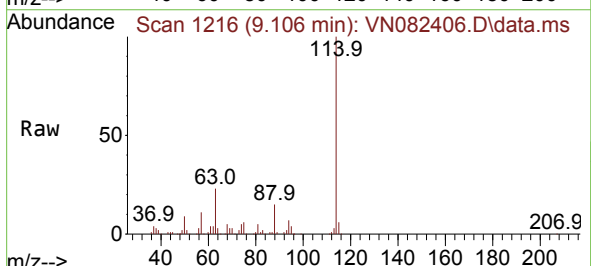
Tgt Ion: 114 Resp: 307488

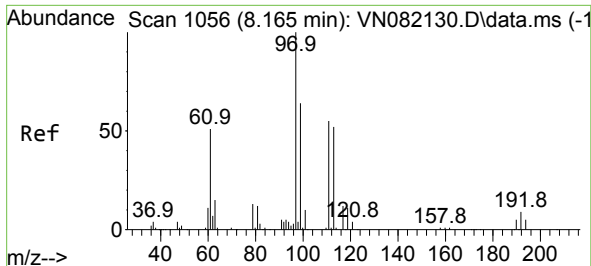
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 15.3 0.0 31.4

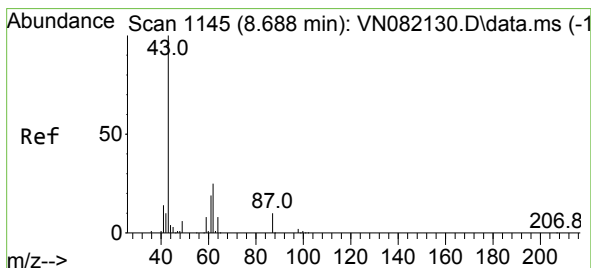
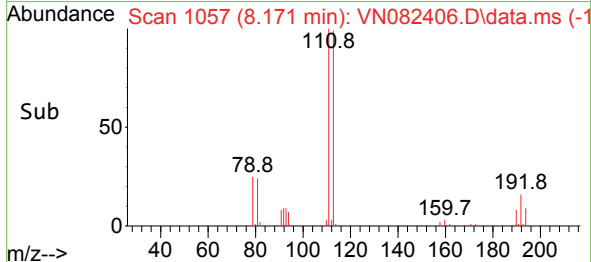
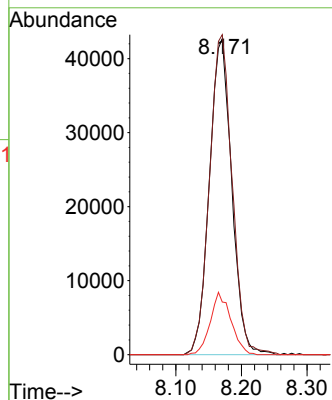
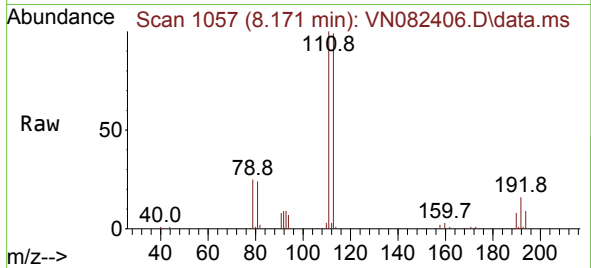




#35
Dibromofluoromethane
Concen: 53.394 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

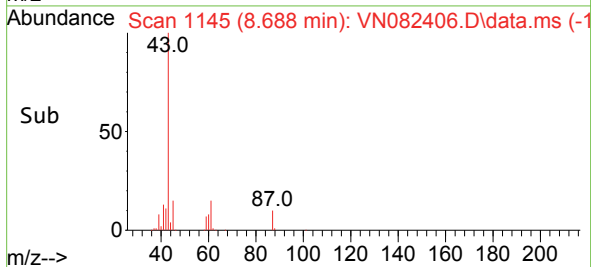
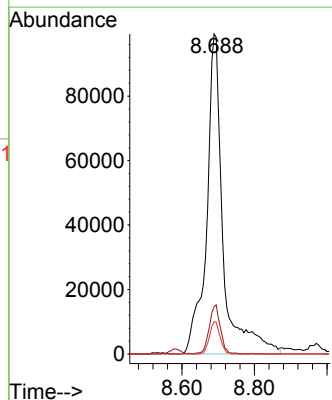
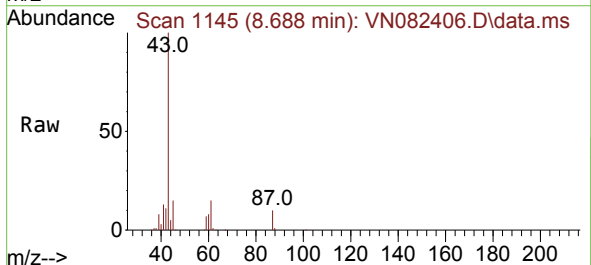
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ClientSampleId :
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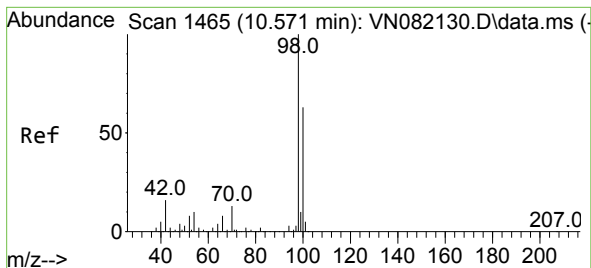
Tgt Ion:113 Resp: 100996
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.3 14.0 21.0



#43
Isopropyl Acetate
Concen: 49.863 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

Tgt Ion: 43 Resp: 313683
Ion Ratio Lower Upper
43 100
61 10.4 22.8 34.2#
87 6.4 12.0 18.0#

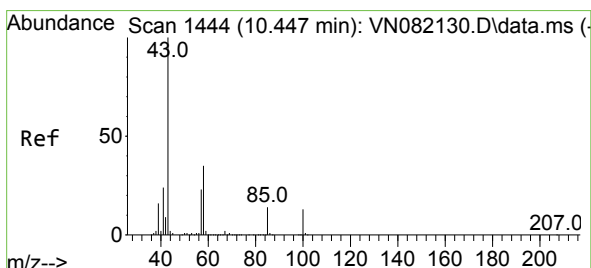
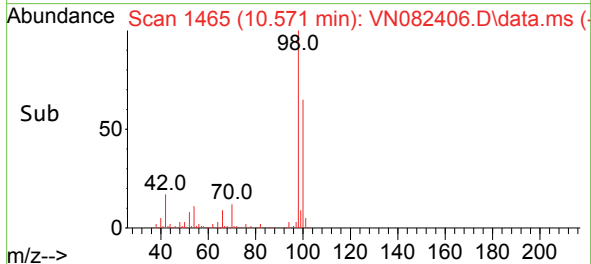
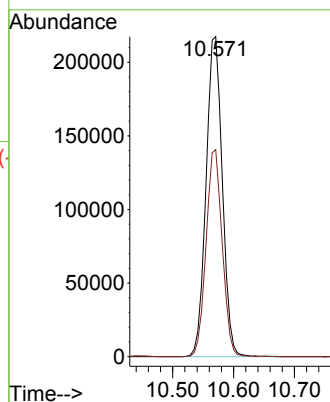
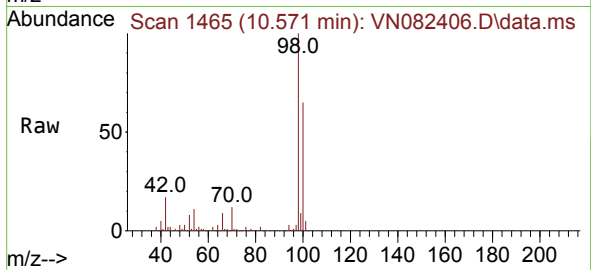




#50
Toluene-d8
Concen: 55.690 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

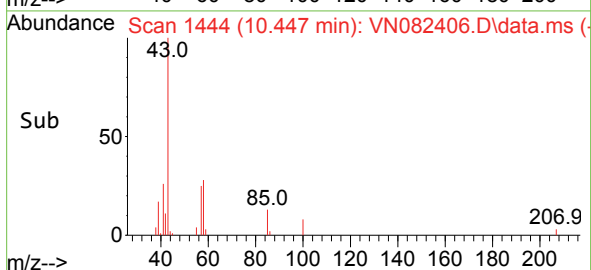
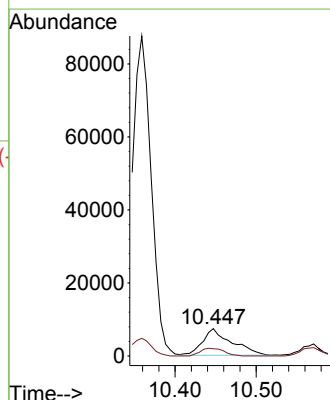
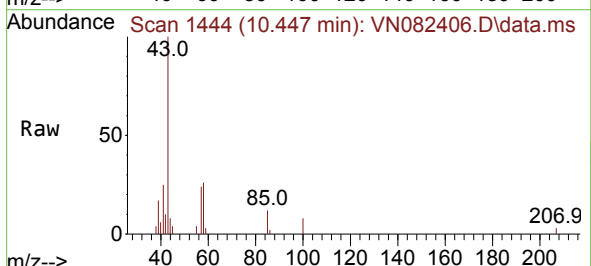
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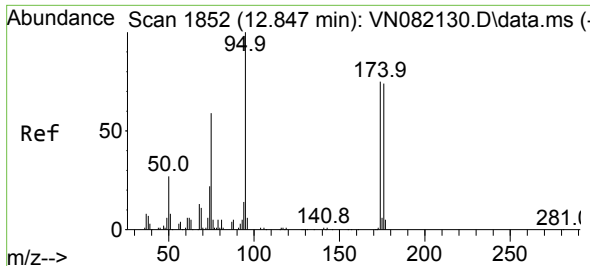
Tgt Ion: 98 Resp: 403860
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.046 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

Tgt Ion: 43 Resp: 18036
Ion Ratio Lower Upper
43 100
58 23.6 33.2 49.8#

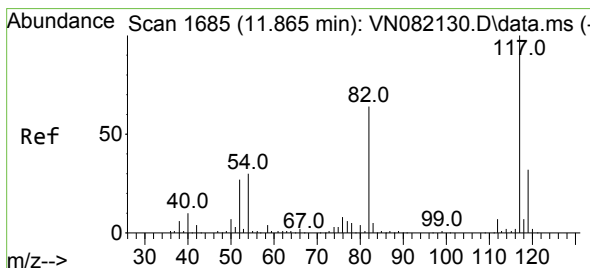
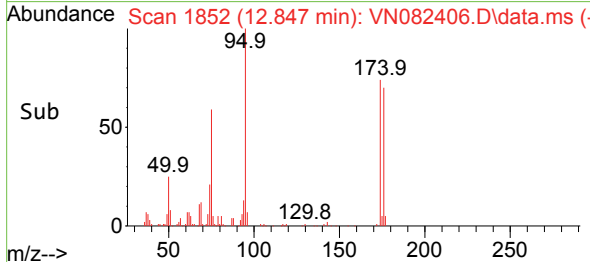
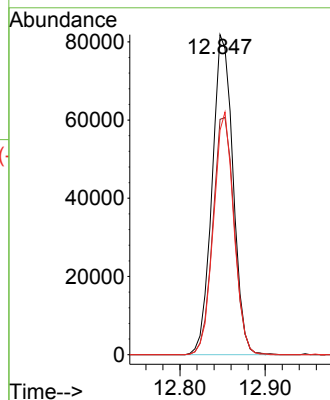
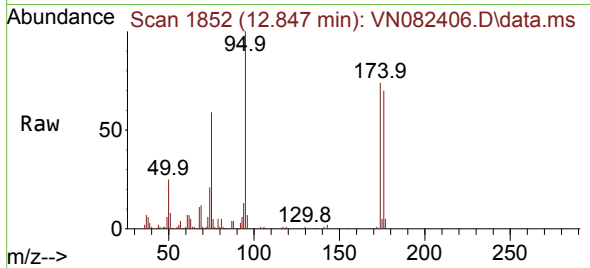




#62
4-Bromofluorobenzene
Concen: 53.852 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

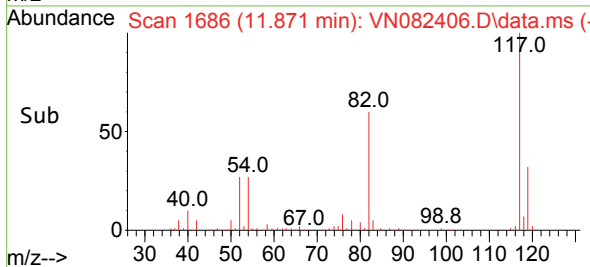
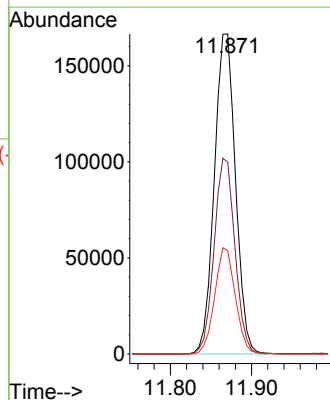
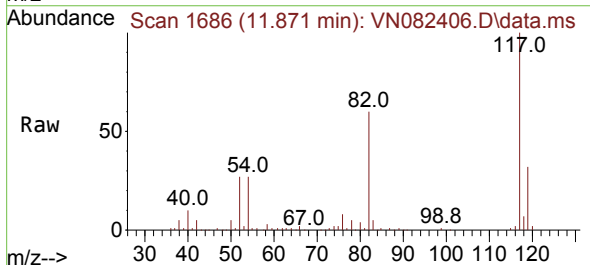
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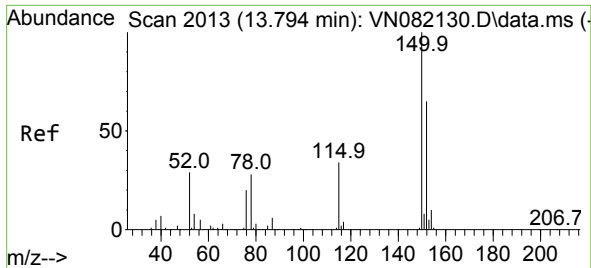
Tgt Ion: 95 Resp: 139389
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 73.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082406.D
Acq: 31 May 2024 14:22

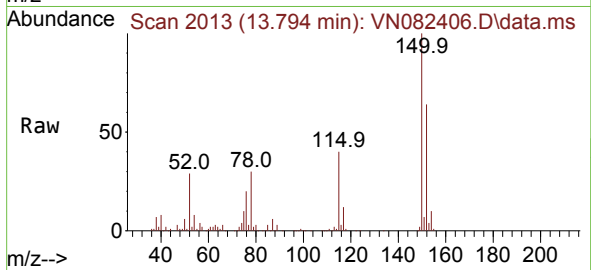
Tgt Ion: 117 Resp: 301654
Ion Ratio Lower Upper
117 100
82 60.0 44.6 66.8
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082406.D
 Acq: 31 May 2024 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#04



Tgt Ion:152 Resp: 127945
 Ion Ratio Lower Upper
 152 100
 115 61.0 30.4 91.3
 150 158.7 0.0 353.2

