

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082409.D
 Acq On : 31 May 2024 15:34
 Operator : JC\MD
 Sample : PB161190ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#07

Quant Time: May 31 22:59:12 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)

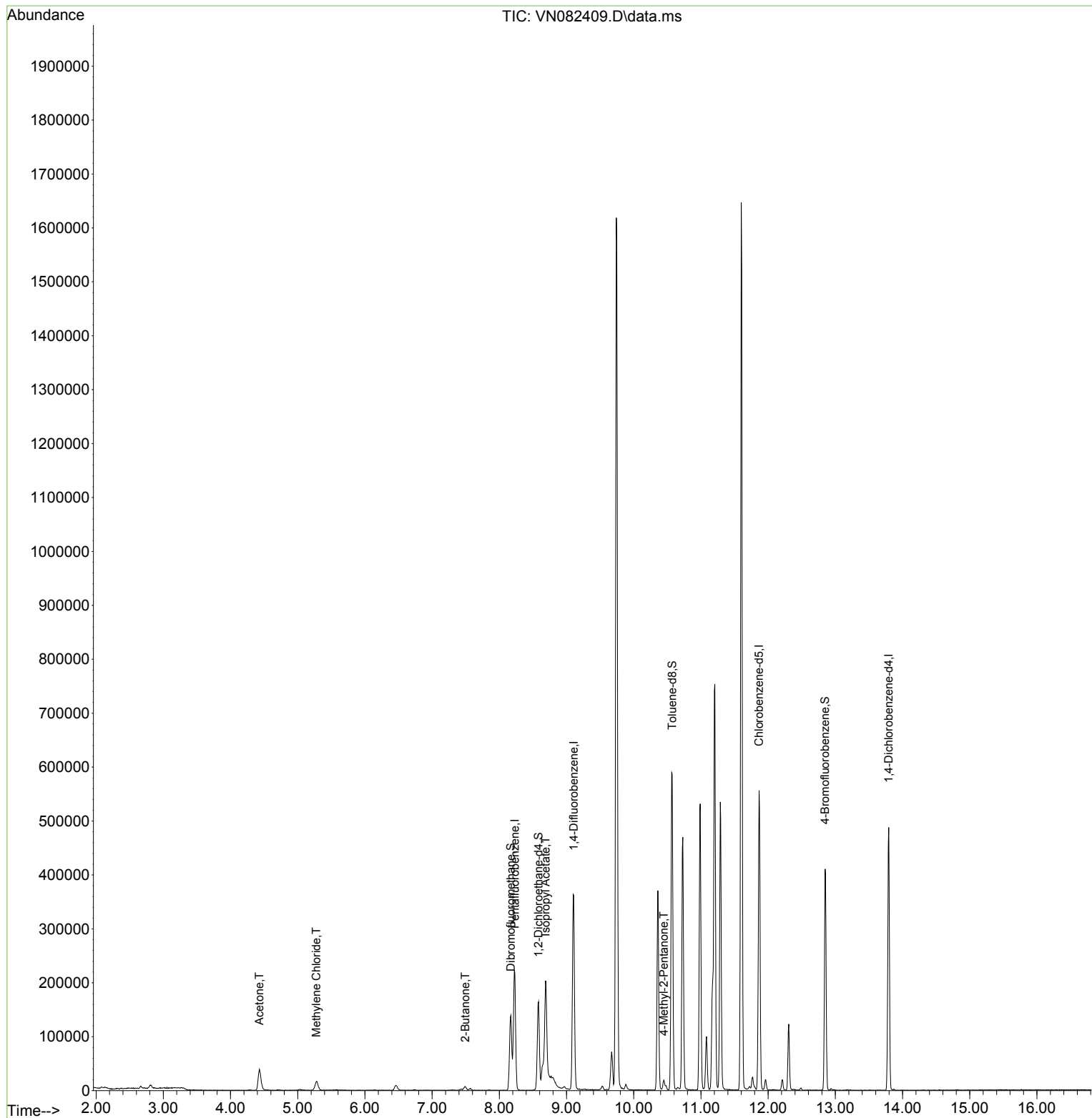
Internal Standards						
1) Pentafluorobenzene	8.230	168	156579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135051	54.623	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.240%	
35) Dibromofluoromethane	8.171	113	96566	54.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.060%	
50) Toluene-d8	10.571	98	386680	56.427	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	12.847	95	133155	54.440	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	75354	74.297	ug/l	92
20) Methylene Chloride	5.277	84	12046	5.887	ug/l #	82
25) 2-Butanone	7.494	43	12467	8.107	ug/l #	82
43) Isopropyl Acetate	8.688	43	290793	48.918	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	18461	5.466	ug/l #	72

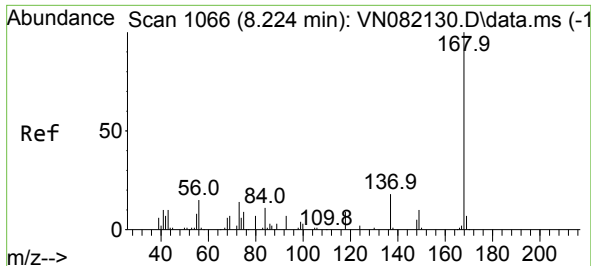
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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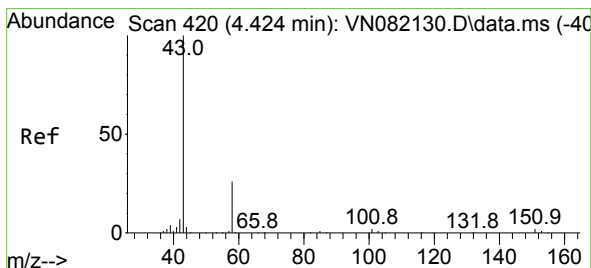
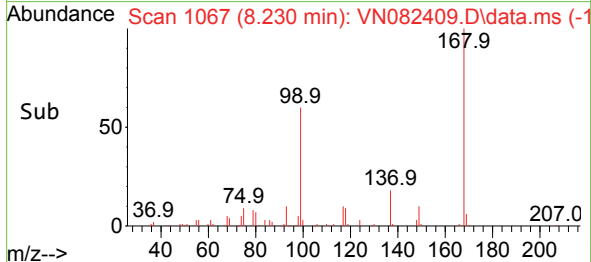
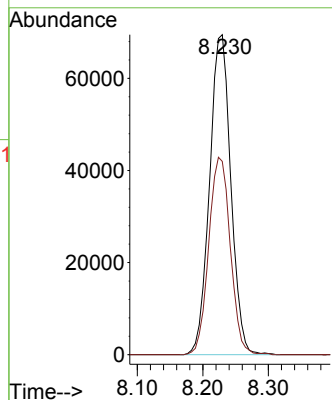
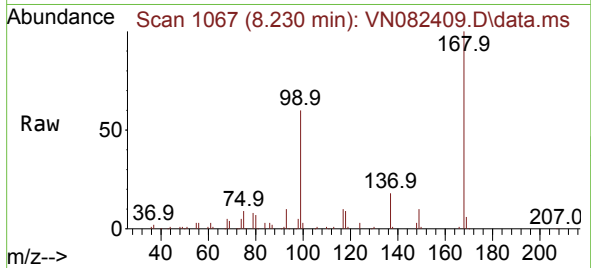




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

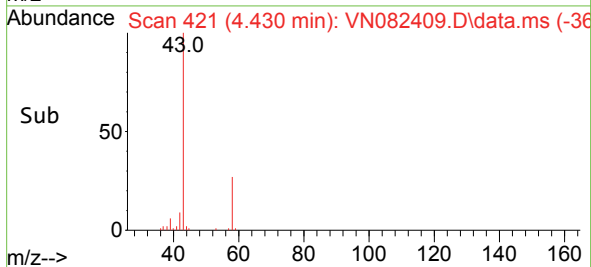
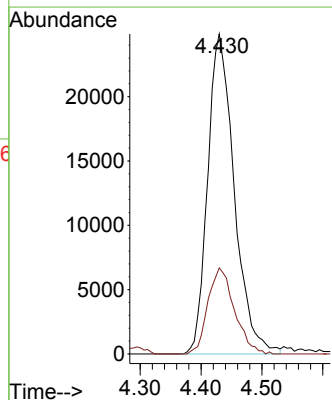
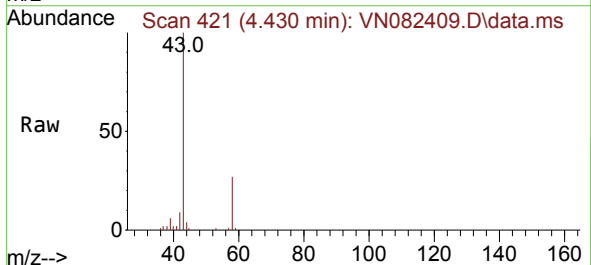
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#07

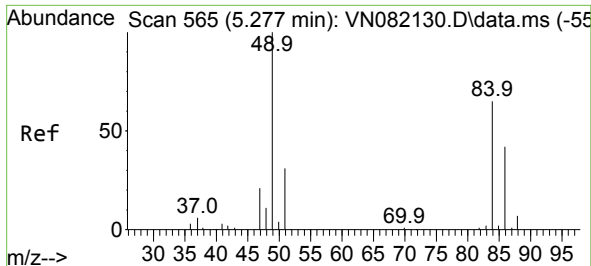
Tgt Ion:168 Resp: 156579
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#16
Acetone
Concen: 74.297 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

Tgt Ion: 43 Resp: 75354
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8

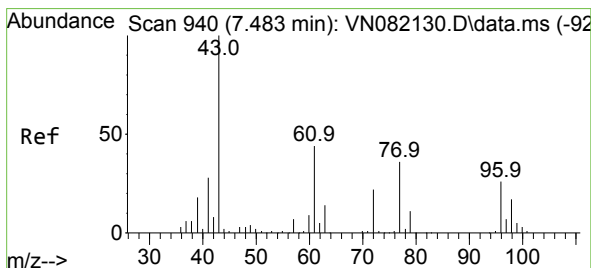
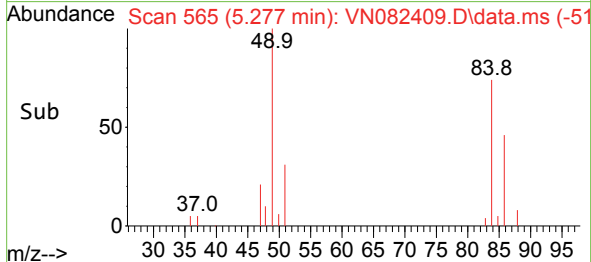
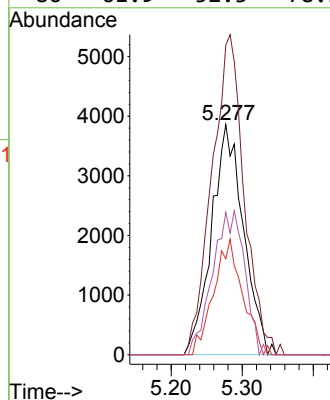
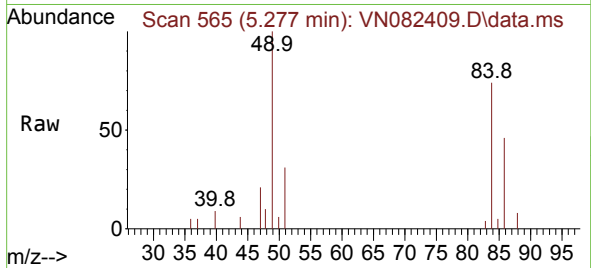




#20
Methylene Chloride
Concen: 5.887 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

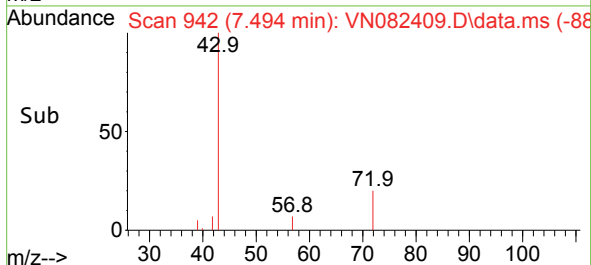
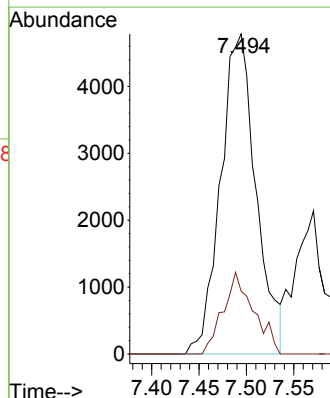
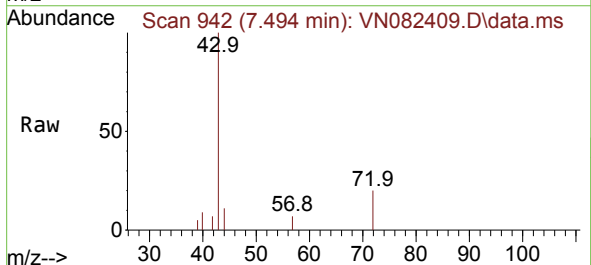
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#07

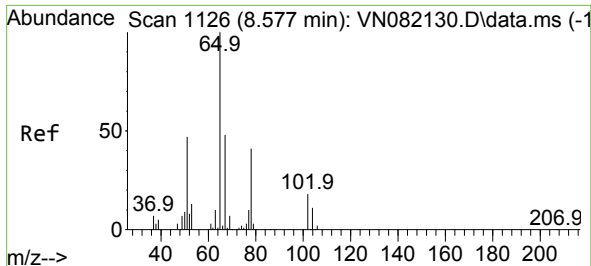
Tgt Ion: 84	Resp: 12046
Ion Ratio	Lower Upper
84 100	
49 134.6	84.9 127.3#
51 41.6	27.0 40.6#
86 61.9	52.3 78.5



#25
2-Butanone
Concen: 8.107 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

Tgt Ion: 43	Resp: 12467
Ion Ratio	Lower Upper
43 100	
72 21.5	25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 54.623 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082409.D

Acq: 31 May 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

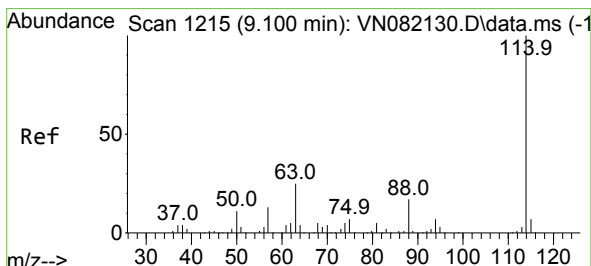
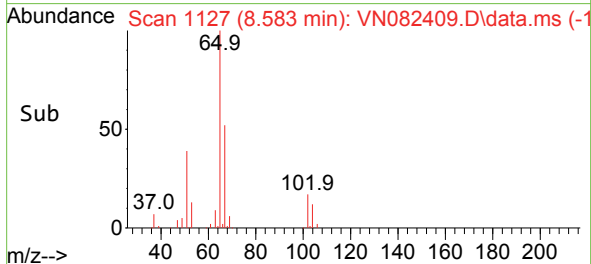
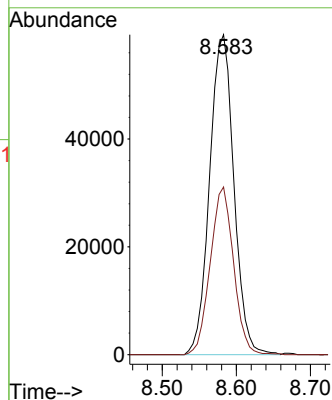
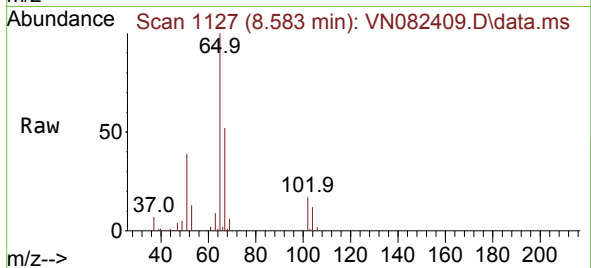
PB161190ZHE#07

Tgt Ion: 65 Resp: 135051

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082409.D

Acq: 31 May 2024 15:34

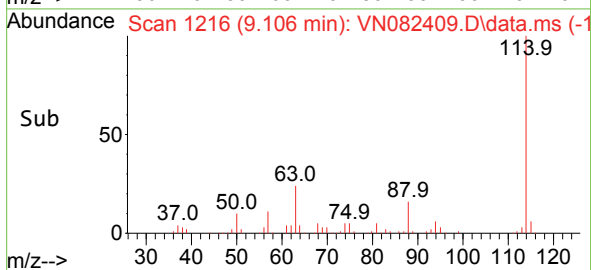
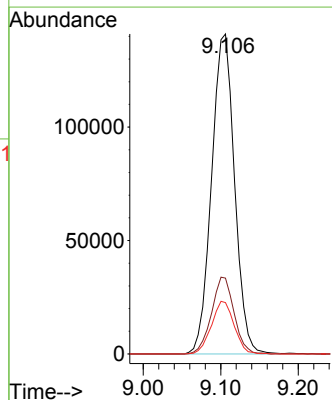
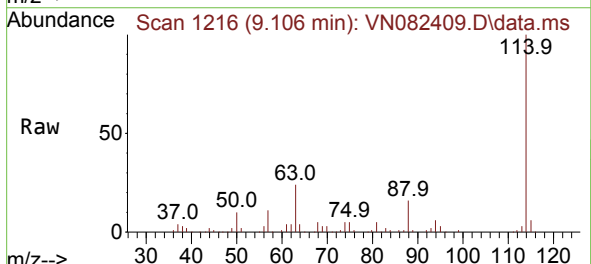
Tgt Ion: 114 Resp: 290560

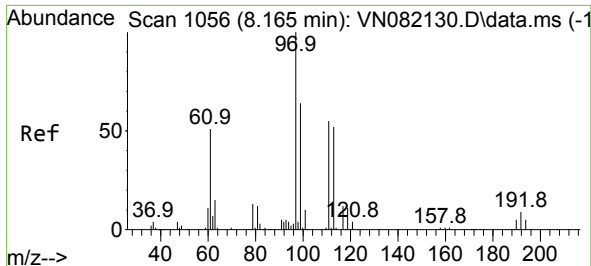
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.1 0.0 31.4

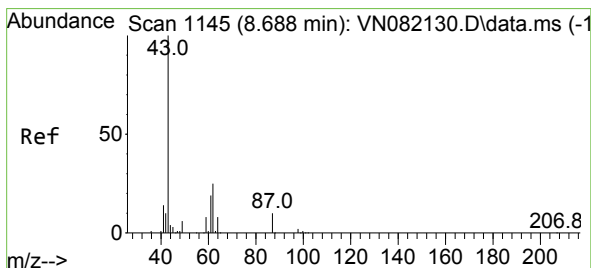
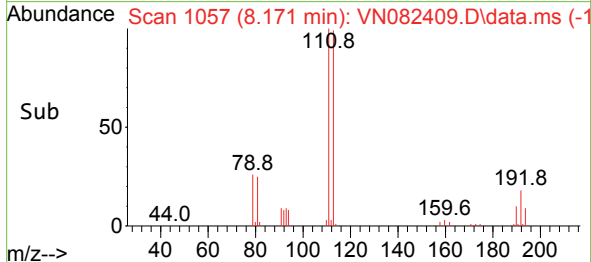
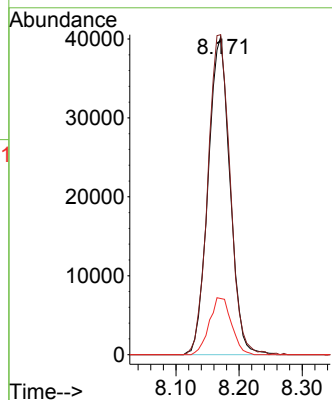
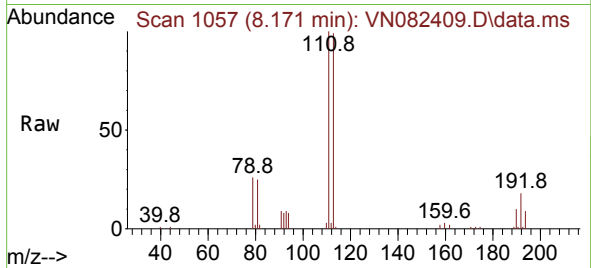




#35
Dibromofluoromethane
Concen: 54.026 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

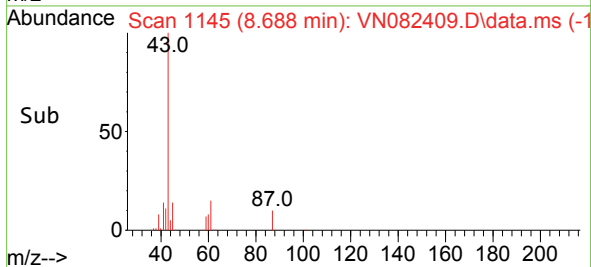
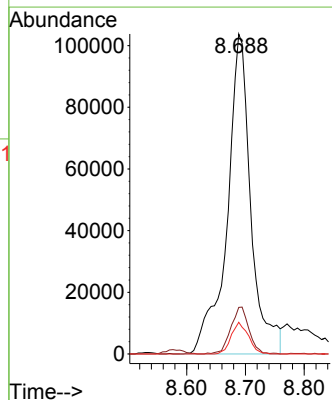
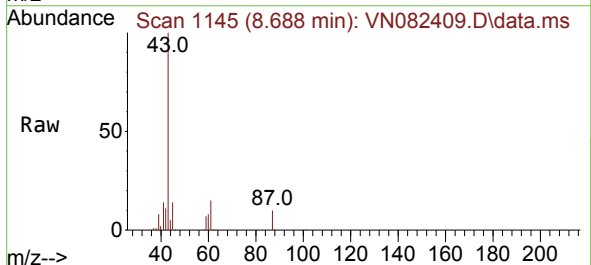
Instrument :
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ClientSampleId :
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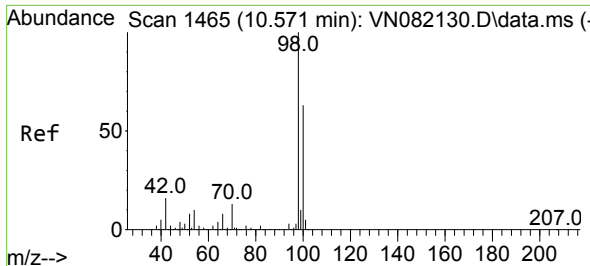
Tgt Ion:113 Resp: 96566
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 18.2 14.0 21.0



#43
Isopropyl Acetate
Concen: 48.918 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

Tgt Ion: 43 Resp: 290793
Ion Ratio Lower Upper
43 100
61 11.3 22.8 34.2#
87 7.1 12.0 18.0#

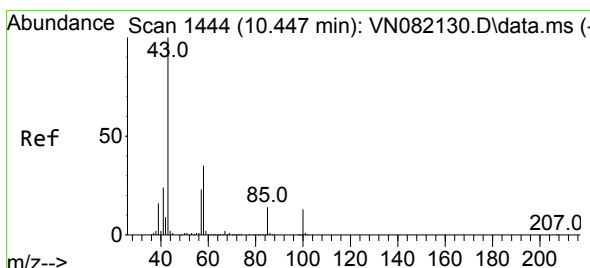
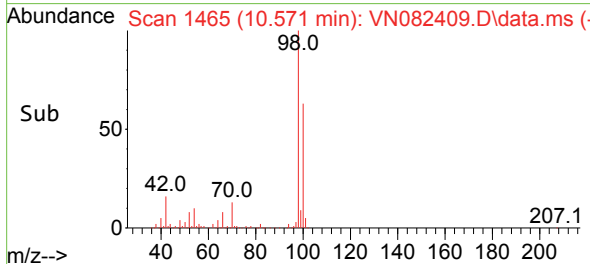
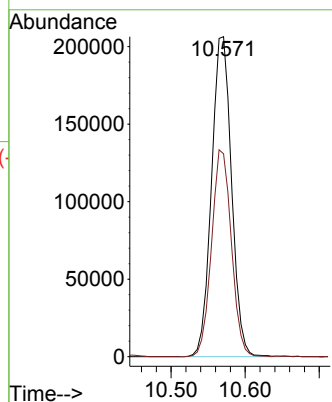
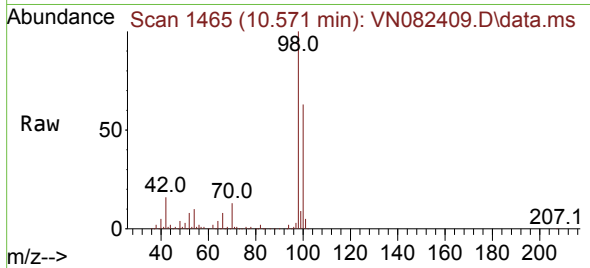




#50
Toluene-d8
Concen: 56.427 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

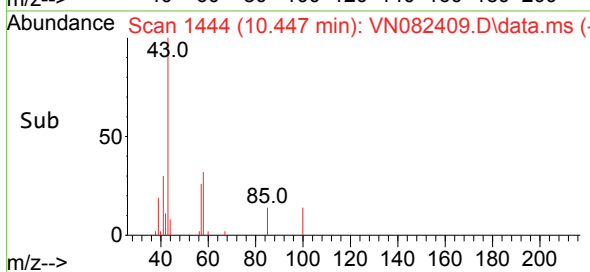
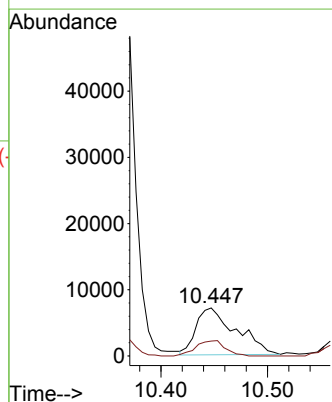
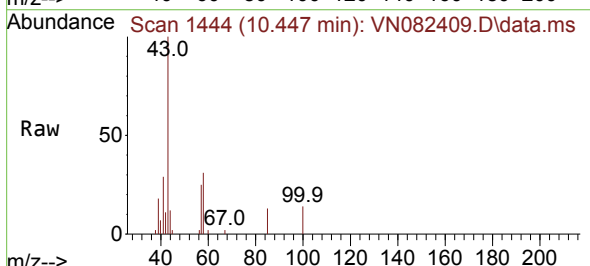
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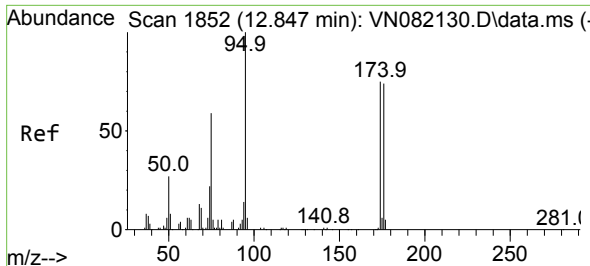
Tgt Ion: 98 Resp: 386680
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.466 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

Tgt Ion: 43 Resp: 18461
Ion Ratio Lower Upper
43 100
58 24.1 33.2 49.8#

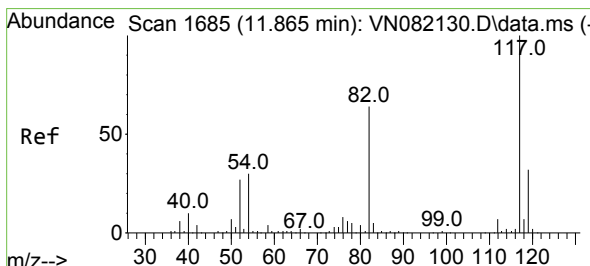
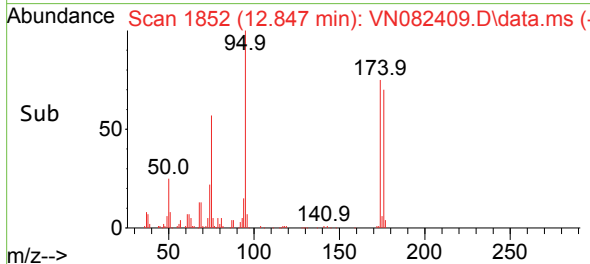
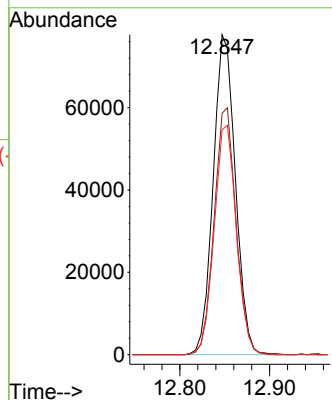
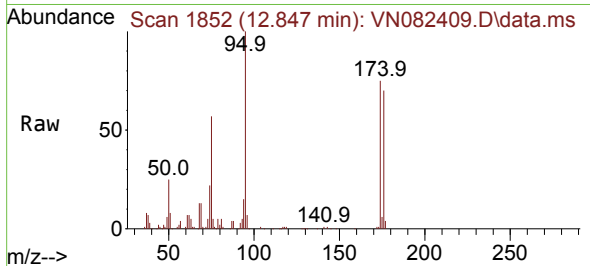




#62
4-Bromofluorobenzene
Concen: 54.440 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

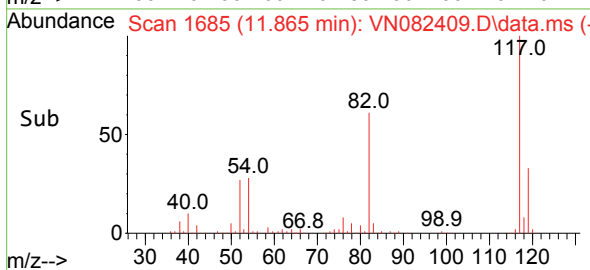
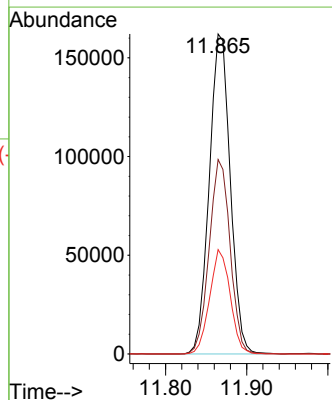
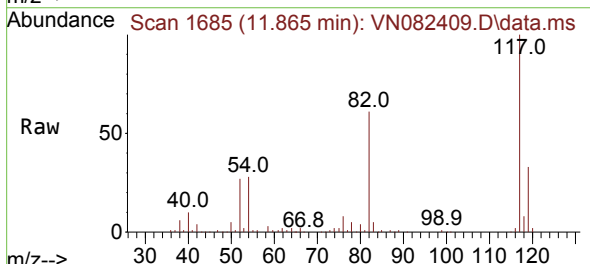
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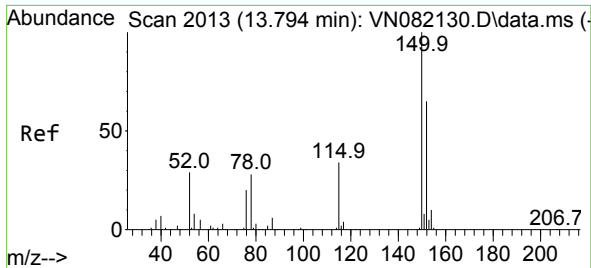
Tgt Ion: 95 Resp: 133155
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 71.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082409.D
Acq: 31 May 2024 15:34

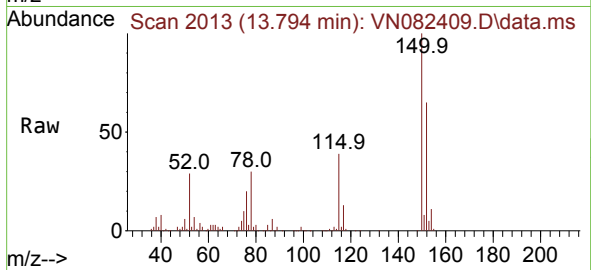
Tgt Ion: 117 Resp: 291308
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 32.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082409.D
 Acq: 31 May 2024 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#07



Tgt Ion:152 Resp: 121636
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.4 91.3
 150 156.3 0.0 353.2

