

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082403.D
 Acq On : 31 May 2024 13:09
 Operator : JC\MD
 Sample : PB161190ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#01

Quant Time: May 31 22:56:45 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)

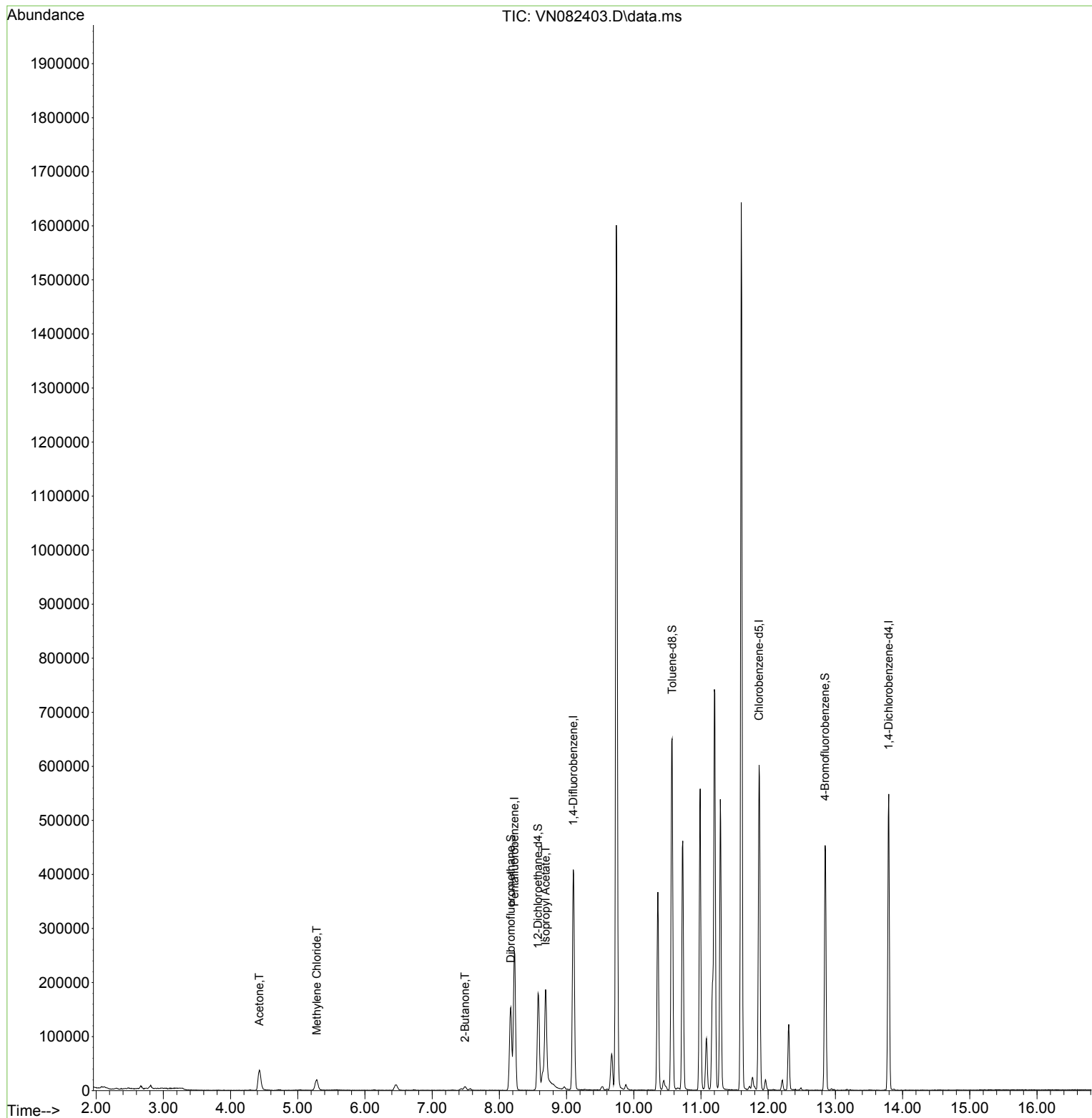
Internal Standards						
1) Pentafluorobenzene	8.224	168	179912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150998	53.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.300%
35) Dibromofluoromethane	8.171	113	108022	53.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	10.571	98	419445	54.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.847	95	144520	52.673	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.340%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	75206	64.534	ug/l	91
20) Methylene Chloride	5.283	84	13516	5.748	ug/l #	83
25) 2-Butanone	7.488	43	12096	6.846	ug/l #	86
43) Isopropyl Acetate	8.688	43	277043	41.546	ug/l #	73

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

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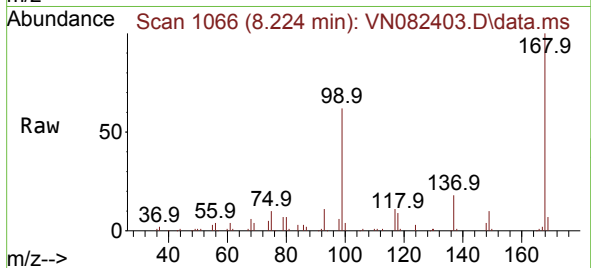
Quant Time: May 31 22:56:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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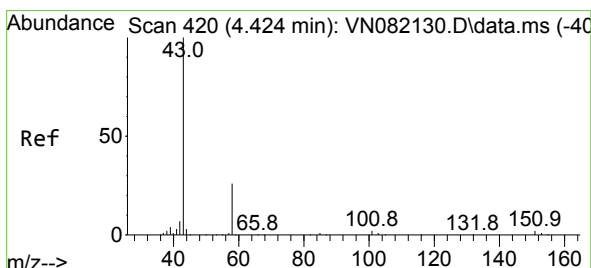
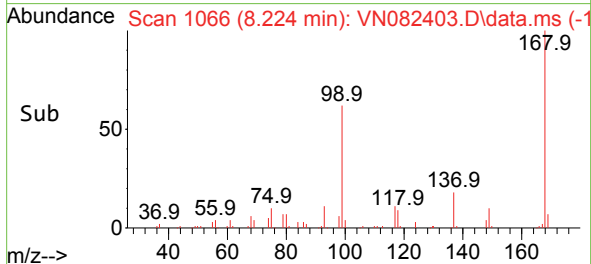
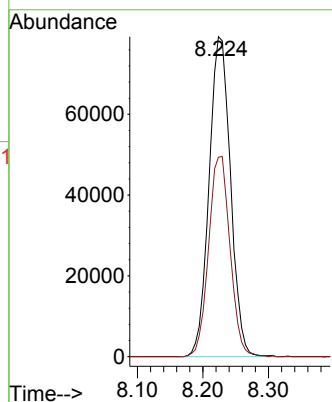


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#01

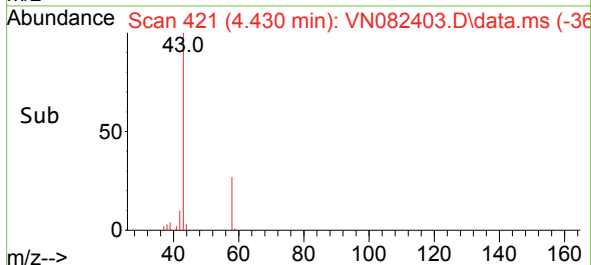
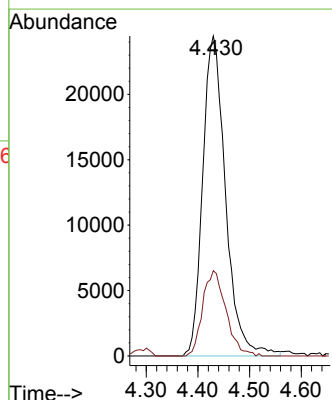
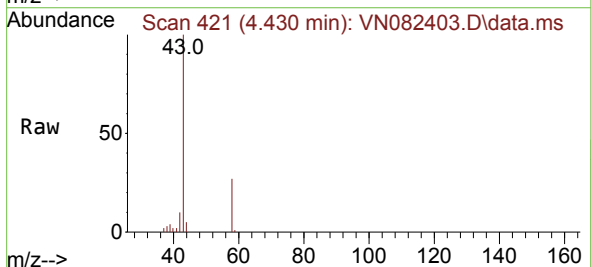


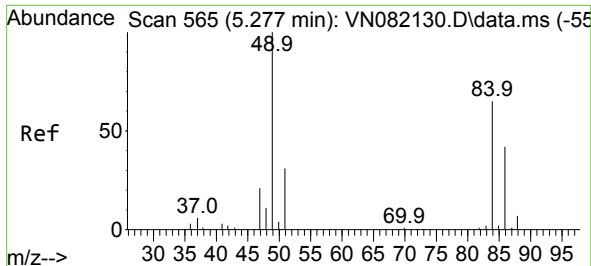
Tgt Ion:168 Resp: 179912
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#16
Acetone
Concen: 64.534 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

Tgt Ion: 43 Resp: 75206
Ion Ratio Lower Upper
43 100
58 26.6 25.2 37.8

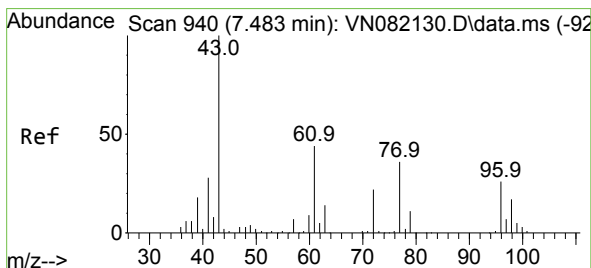
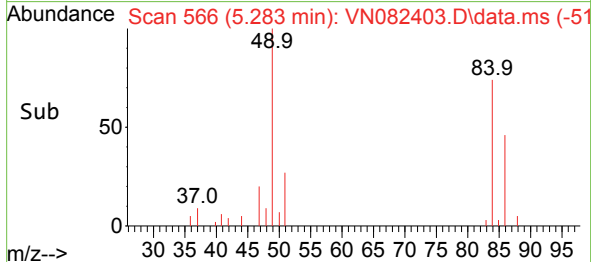
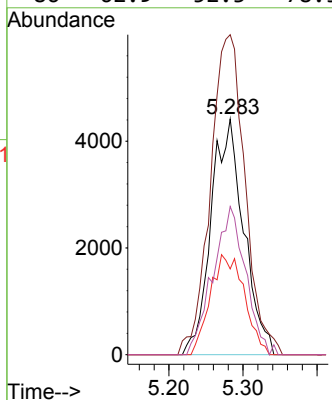
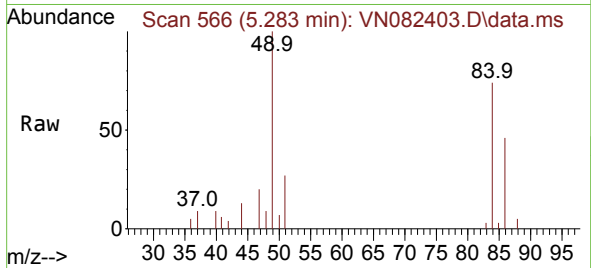




#20
Methylene Chloride
Concen: 5.748 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

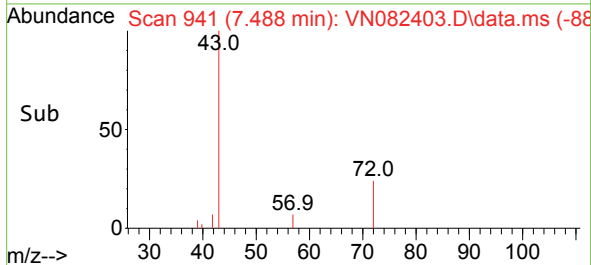
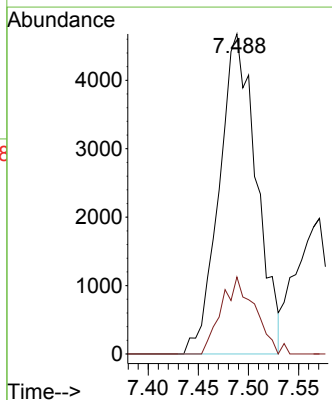
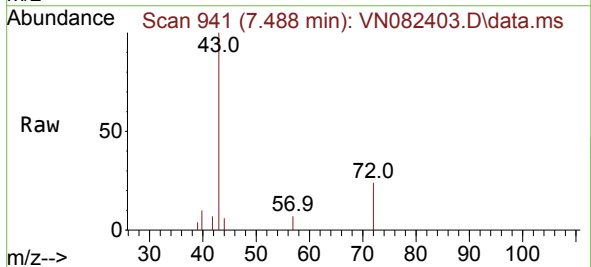
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#01

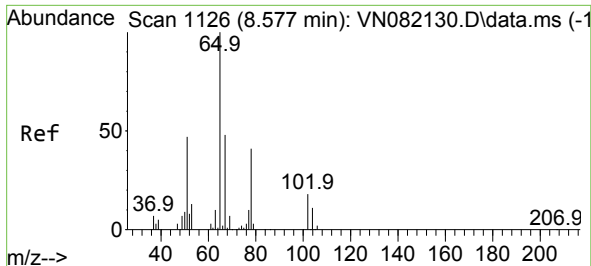
Tgt Ion: 84	Resp: 13516
Ion Ratio	Lower Upper
84 100	
49 135.7	84.9 127.3#
51 36.4	27.0 40.6
86 62.9	52.3 78.5



#25
2-Butanone
Concen: 6.846 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

Tgt Ion: 43	Resp: 12096
Ion Ratio	Lower Upper
43 100	
72 24.0	25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 53.152 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082403.D

Acq: 31 May 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

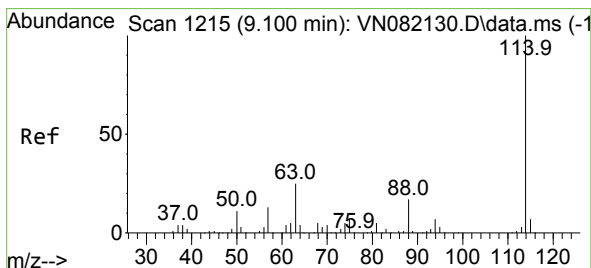
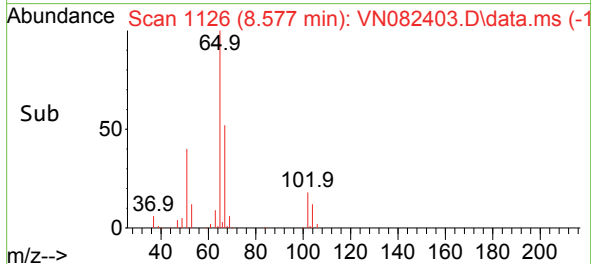
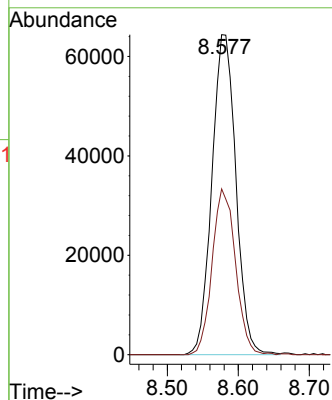
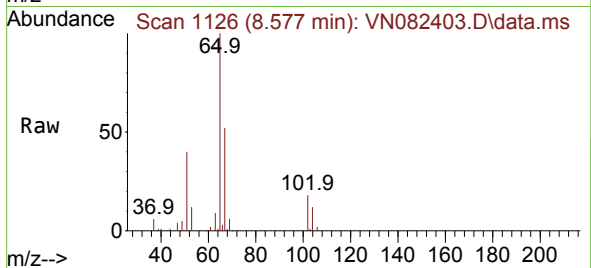
PB161190ZHE#01

Tgt Ion: 65 Resp: 150998

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082403.D

Acq: 31 May 2024 13:09

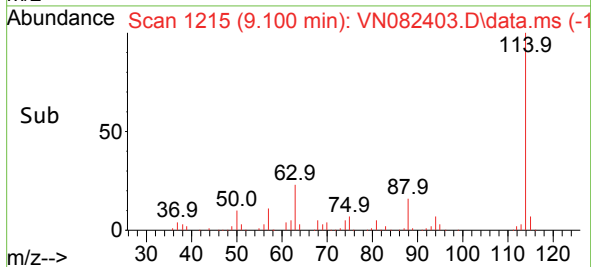
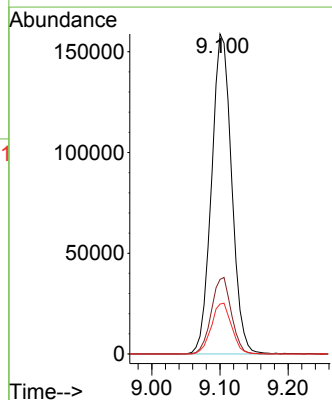
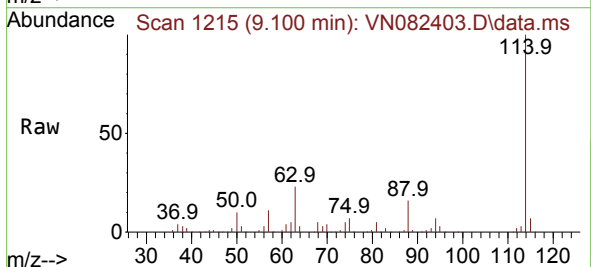
Tgt Ion: 114 Resp: 325940

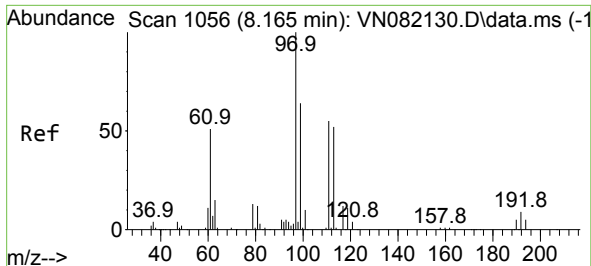
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 15.6 0.0 31.4

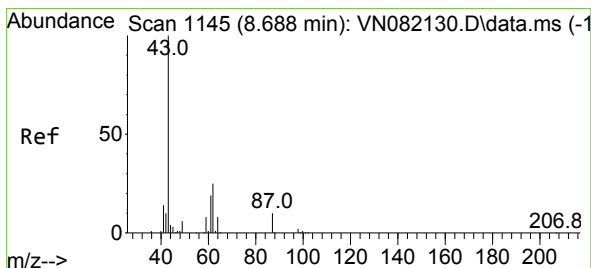
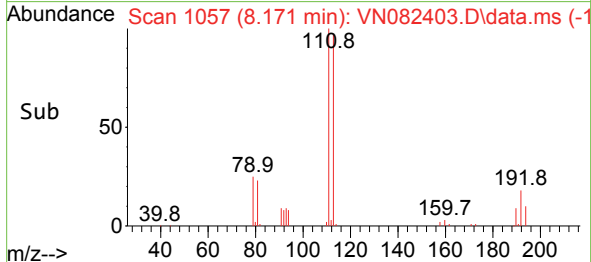
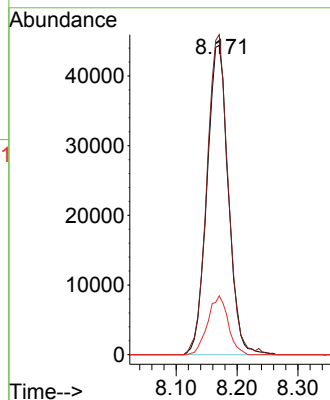
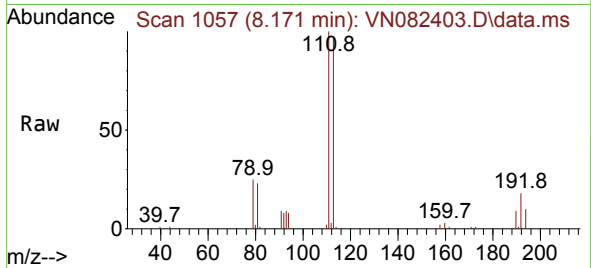




#35
Dibromofluoromethane
Concen: 53.875 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

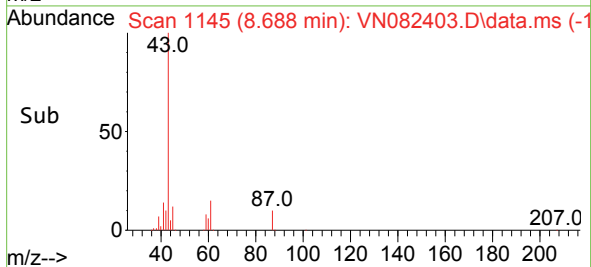
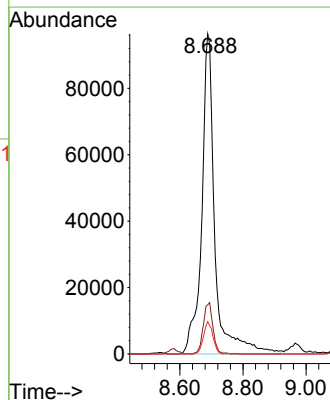
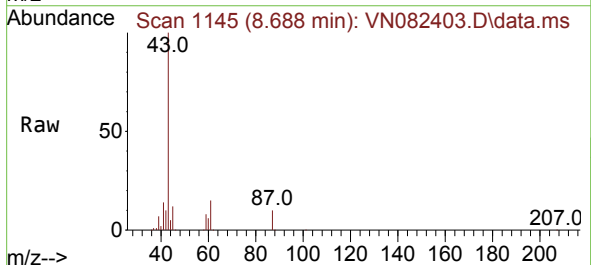
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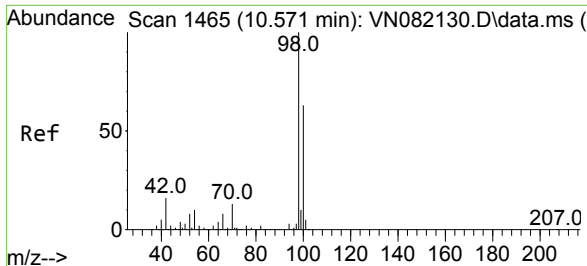
Tgt Ion:113 Resp: 108022
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 18.2 14.0 21.0



#43
Isopropyl Acetate
Concen: 41.546 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

Tgt Ion: 43 Resp: 277043
Ion Ratio Lower Upper
43 100
61 11.9 22.8 34.2#
87 7.2 12.0 18.0#

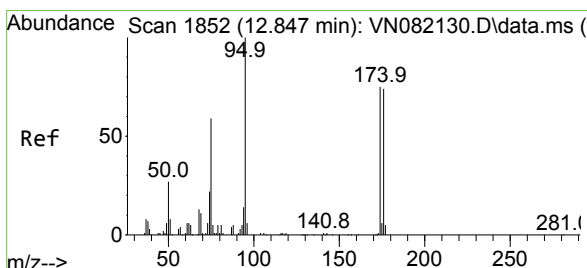
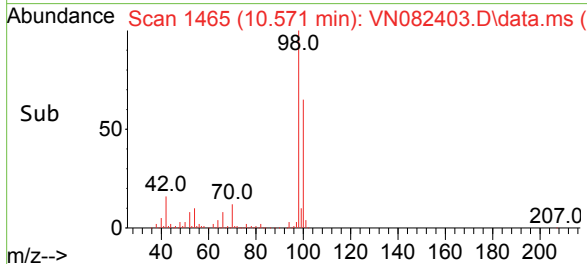
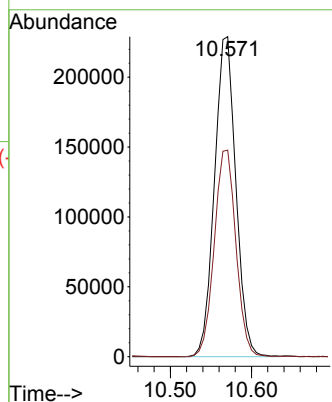
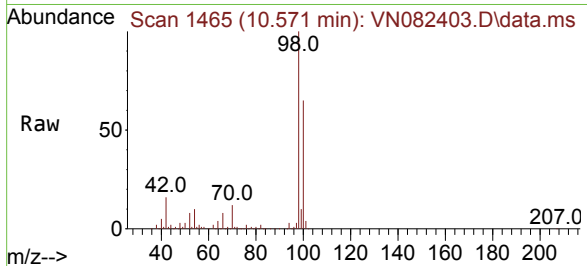




#50
Toluene-d8
Concen: 54.564 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

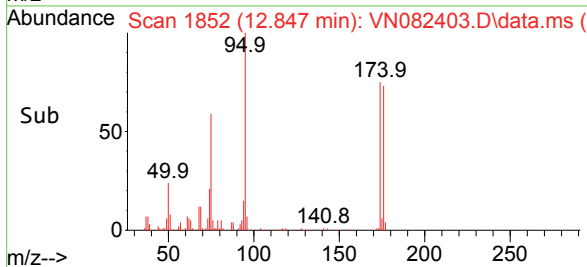
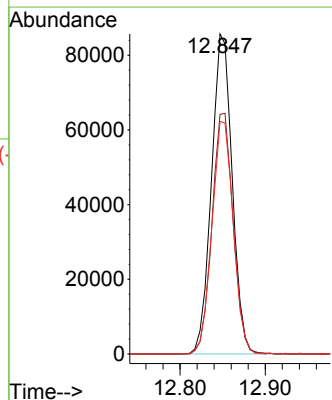
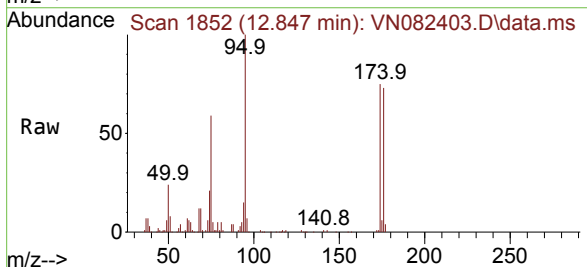
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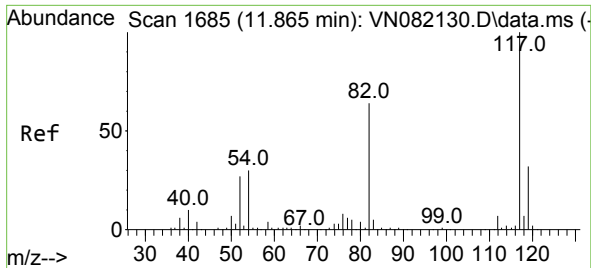
Tgt Ion: 98 Resp: 419445
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.673 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

Tgt Ion: 95 Resp: 144520
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 74.7 0.0 152.8

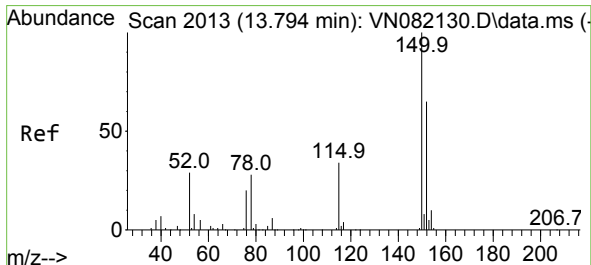
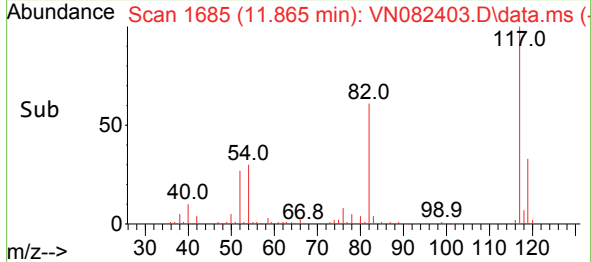
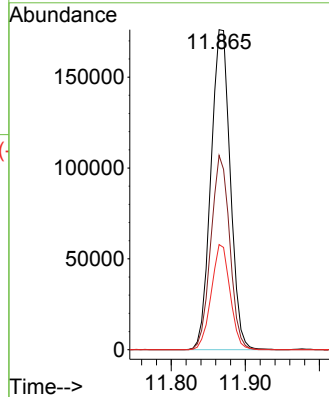
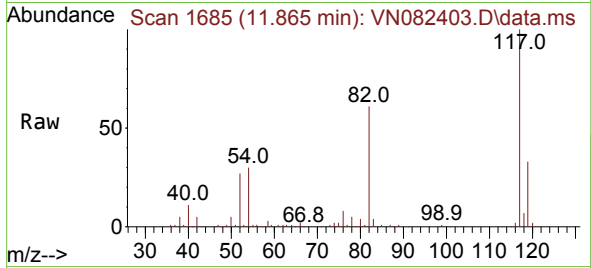




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082403.D
Acq: 31 May 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#01

Tgt Ion:117 Resp: 319254
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 32.8 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: VN082403.D
Acq: 31 May 2024 13:09

Tgt Ion:152 Resp: 132369
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.9 0.0 353.2

