

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082194.D
 Acq On : 17 May 2024 21:22
 Operator : JC\MD
 Sample : P2486-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPK

Quant Time: May 17 23:18:20 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)

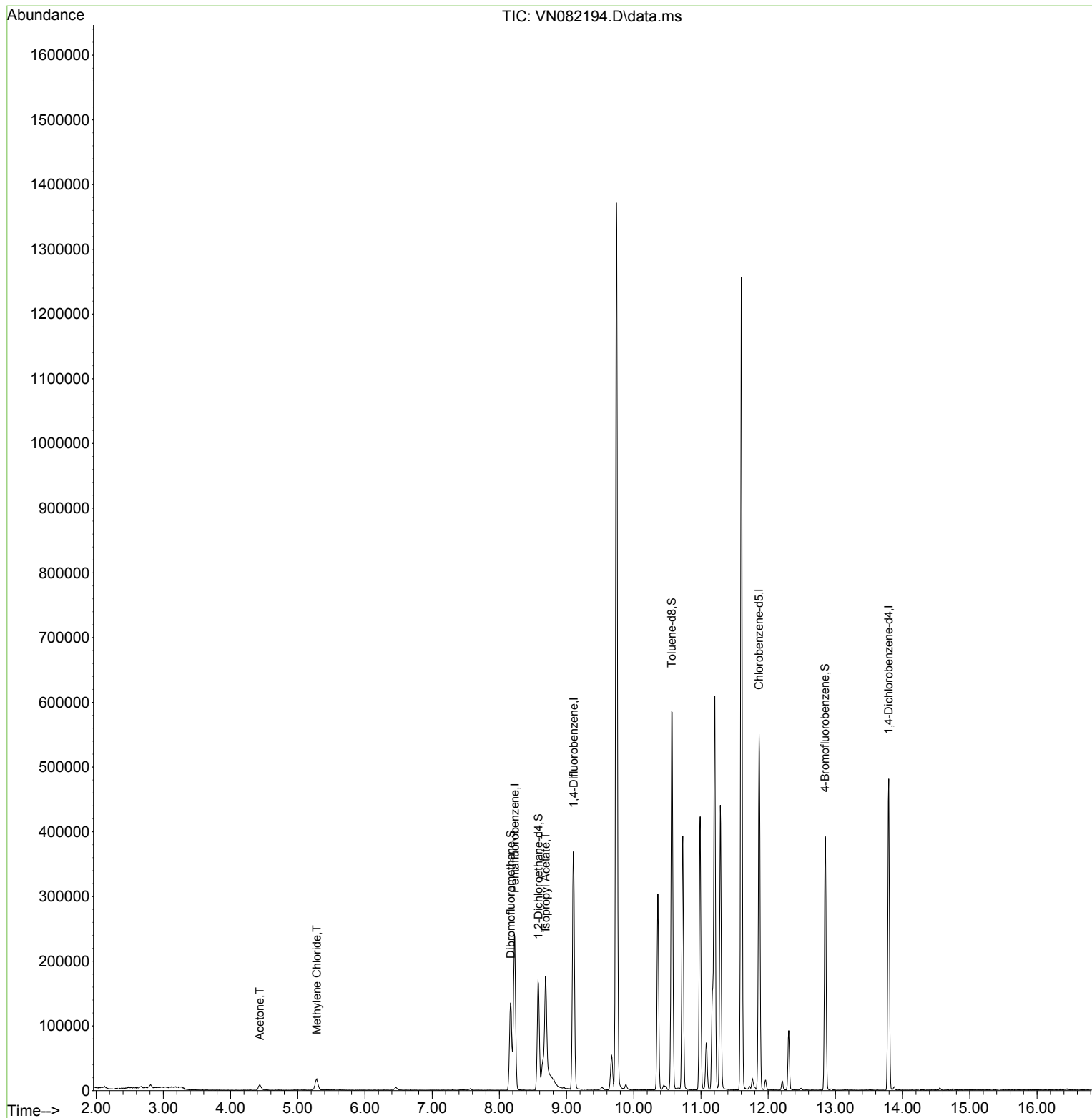
Internal Standards						
1) Pentafluorobenzene	8.230	168	163386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137659	53.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.720%	
35) Dibromofluoromethane	8.171	113	96803	52.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.680%	
50) Toluene-d8	10.565	98	379930	54.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.847	95	126585	50.493	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.980%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	16140	15.251	ug/l	92
20) Methylene Chloride	5.283	84	11735	5.496	ug/l #	76
43) Isopropyl Acetate	8.688	43	291619	47.861	ug/l #	69

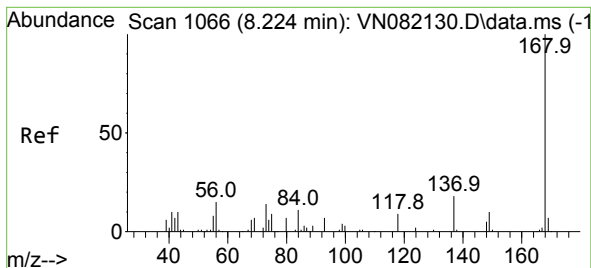
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082194.D

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MSVOA_N

ClientSampleId :

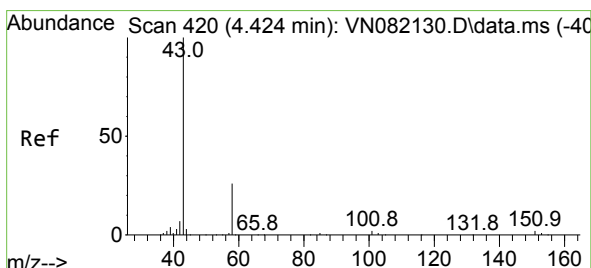
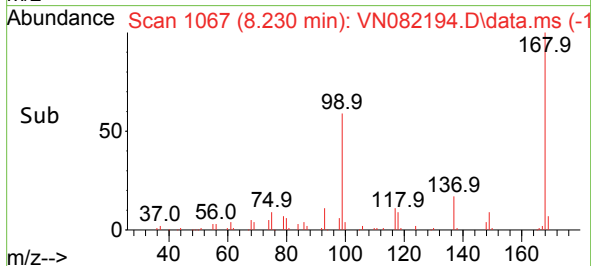
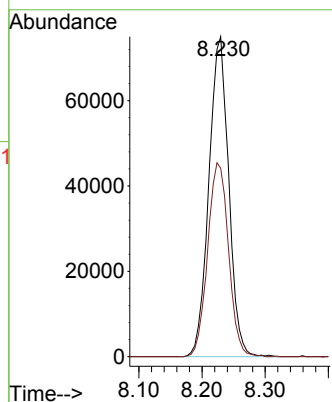
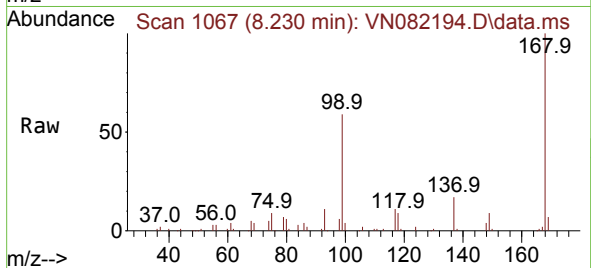
WCS-TPK

Tgt Ion:168 Resp: 163386

Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



#16

Acetone

Concen: 15.251 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN082194.D

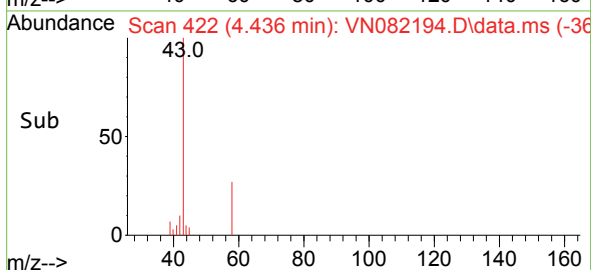
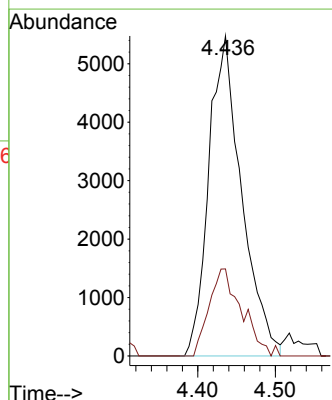
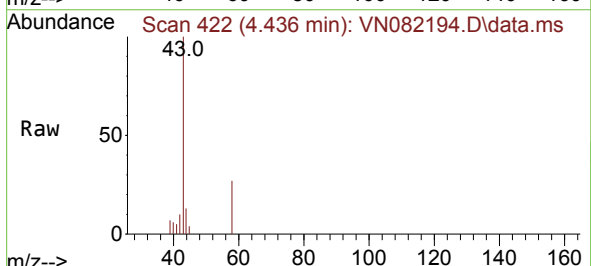
Acq: 17 May 2024 21:22

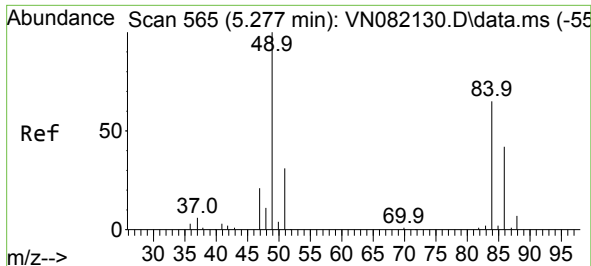
Tgt Ion: 43 Resp: 16140

Ion Ratio Lower Upper

43 100

58 27.2 25.2 37.8

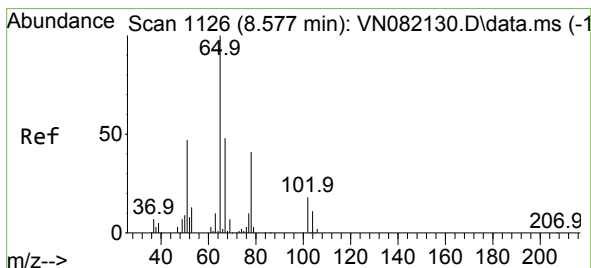
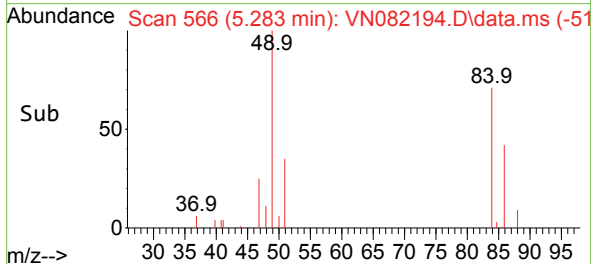
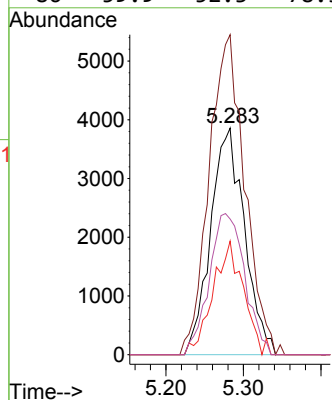
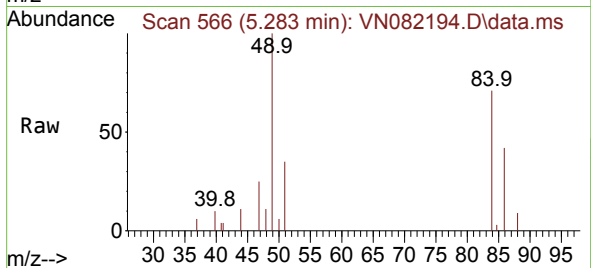




#20
Methylene Chloride
Concen: 5.496 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082194.D
Acq: 17 May 2024 21:22

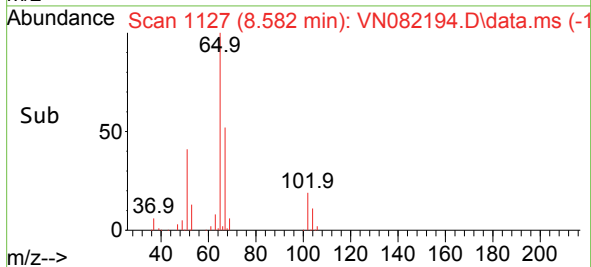
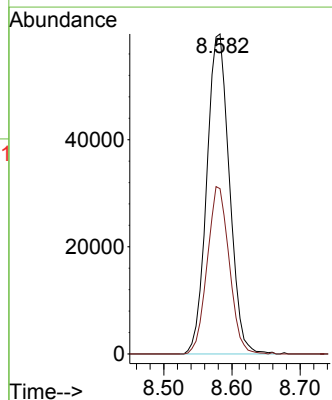
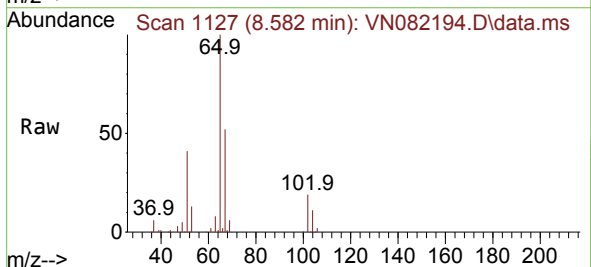
Instrument :
MSVOA_N
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WCS-TPK

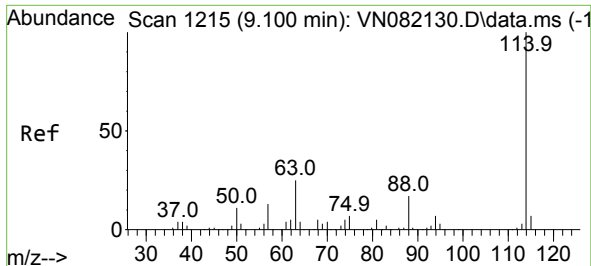
Tgt Ion:	84	Resp:	11735
Ion	Ratio	Lower	Upper
84	100		
49	141.3	84.9	127.3#
51	50.1	27.0	40.6#
86	59.9	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.358 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082194.D
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Tgt Ion:	65	Resp:	137659
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0

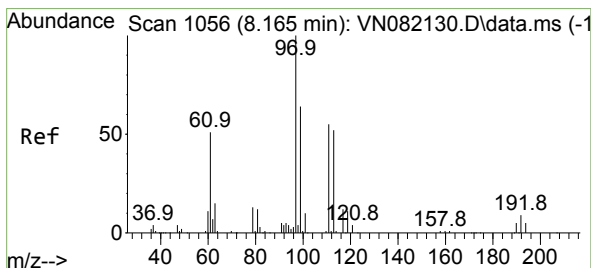
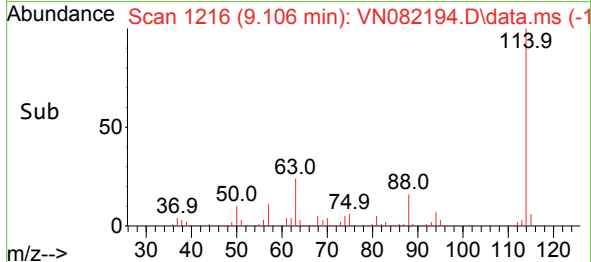
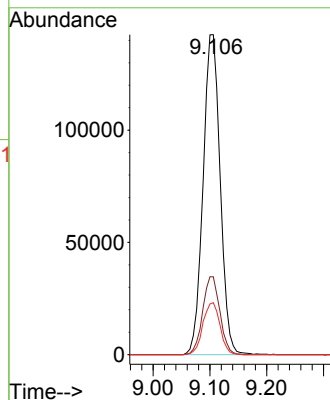
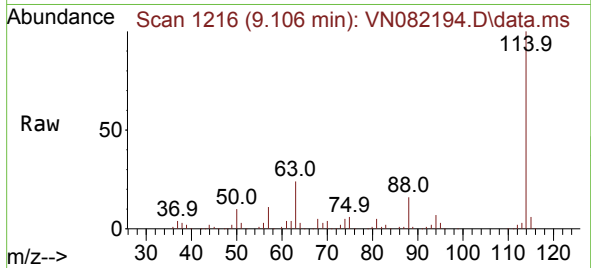




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082194.D
Acq: 17 May 2024 21:22

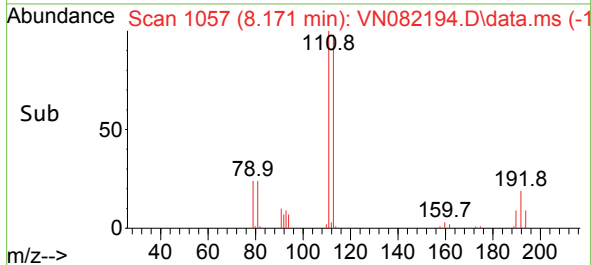
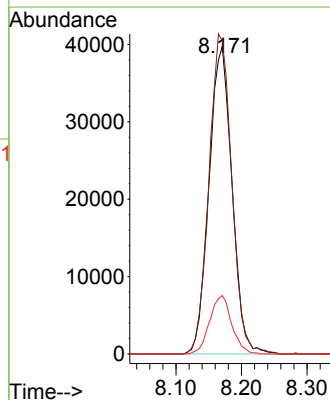
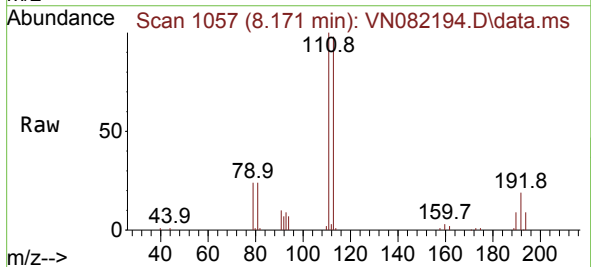
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPK

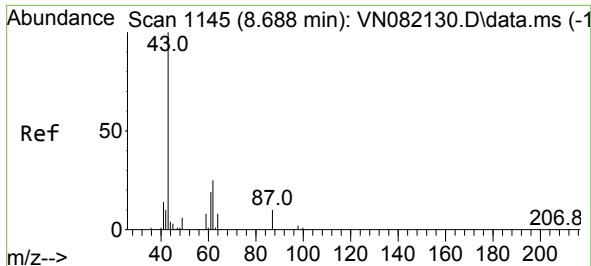
Tgt Ion:114 Resp: 297818
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.839 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082194.D
Acq: 17 May 2024 21:22

Tgt Ion:113 Resp: 96803
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 18.2 14.0 21.0

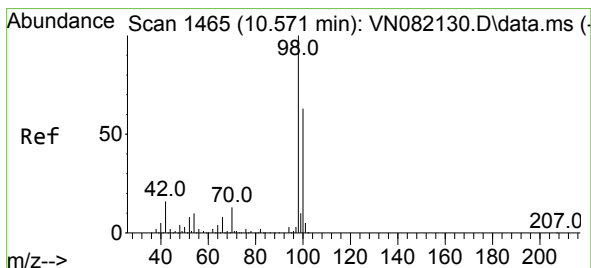
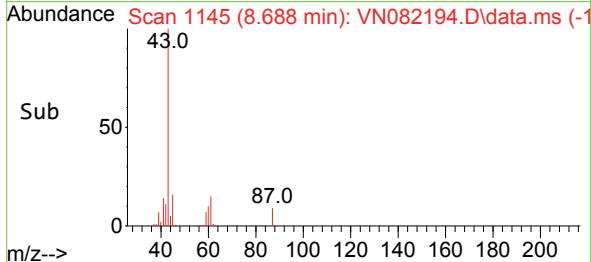
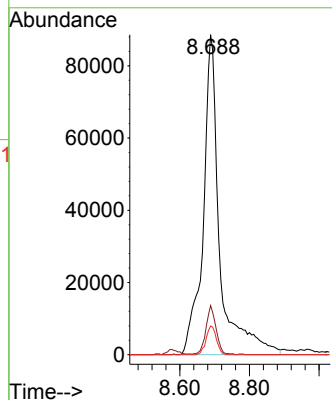
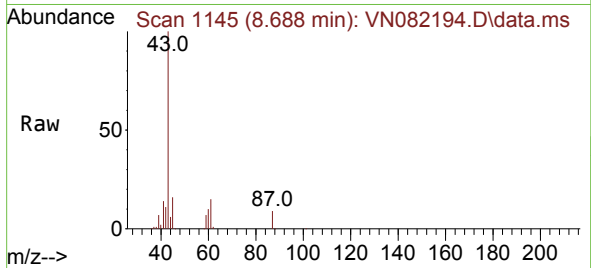




#43
Isopropyl Acetate
Concen: 47.861 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082194.D
Acq: 17 May 2024 21:22

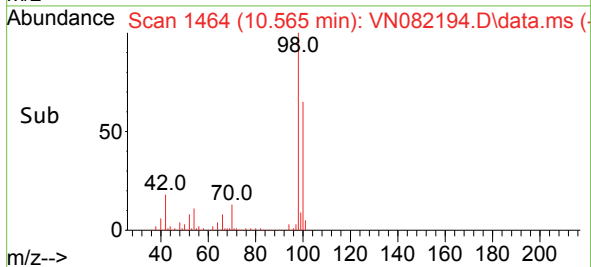
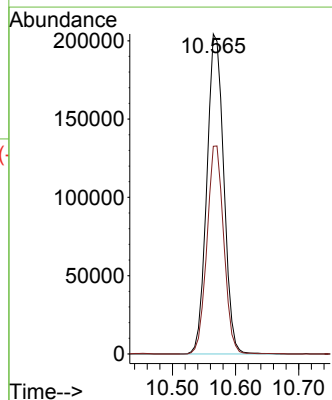
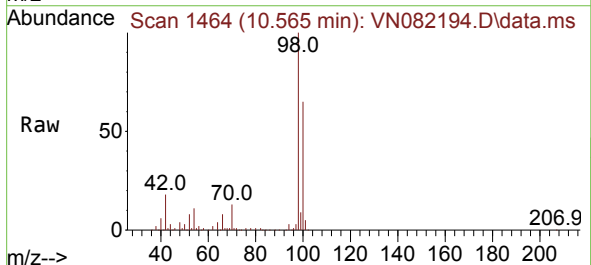
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ClientSampleId :
WCS-TPK

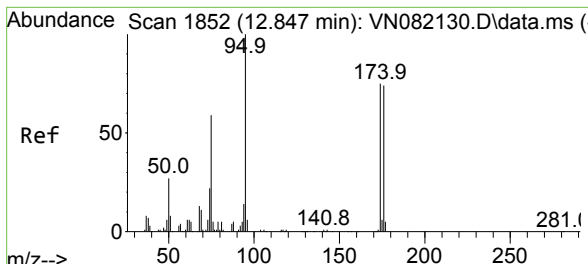
Tgt Ion: 43 Resp: 291619
Ion Ratio Lower Upper
43 100
61 9.5 22.8 34.2#
87 5.6 12.0 18.0#



#50
Toluene-d8
Concen: 54.091 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082194.D
Acq: 17 May 2024 21:22

Tgt Ion: 98 Resp: 379930
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

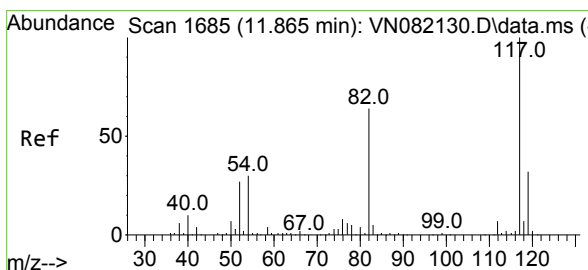
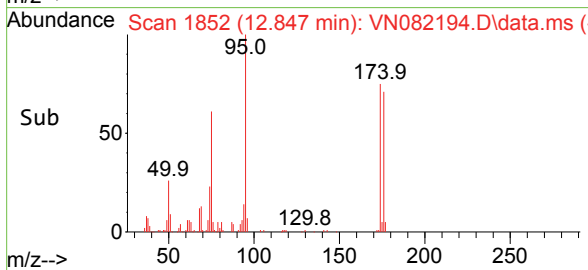
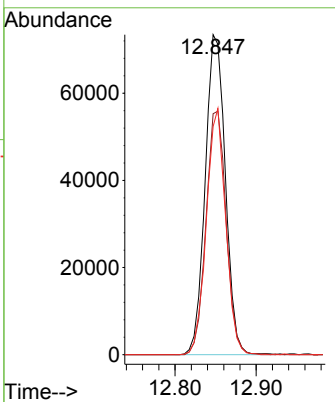
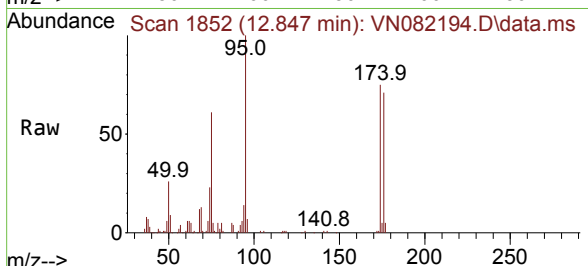




#62
 4-Bromofluorobenzene
 Concen: 50.493 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN082194.D
 Acq: 17 May 2024 21:22

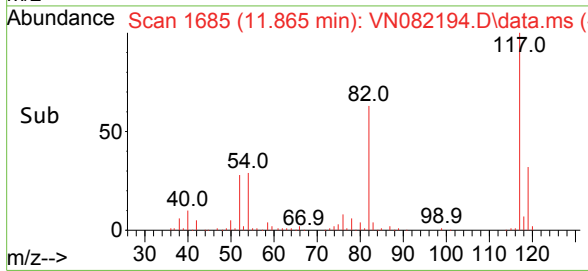
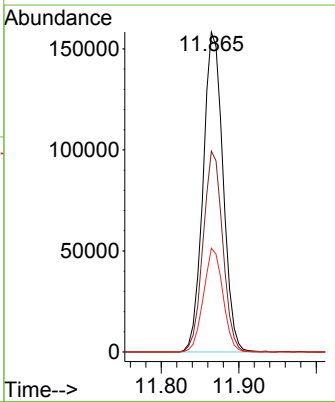
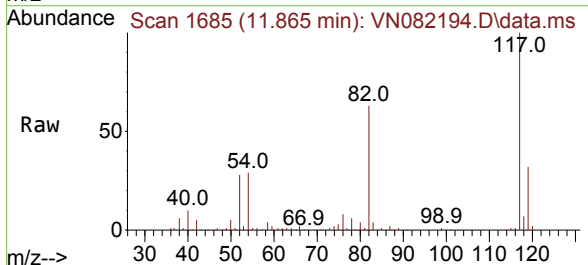
Instrument :
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 ClientSampleId :
 WCS-TPK

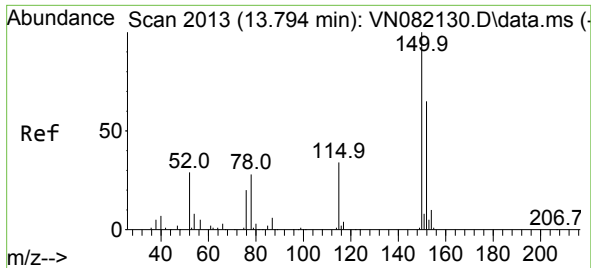
Tgt Ion:	95	Resp:	126585
Ion Ratio	Lower	Upper	
95	100		
174	76.4	0.0	160.6
176	73.6	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082194.D
 Acq: 17 May 2024 21:22

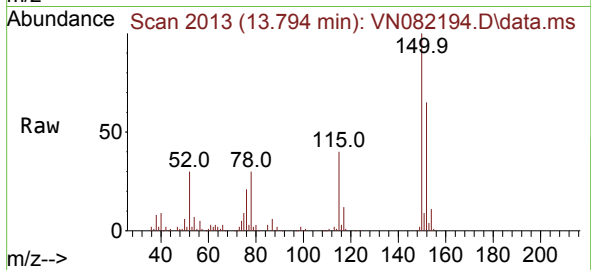
Tgt Ion:	117	Resp:	282679
Ion Ratio	Lower	Upper	
117	100		
82	62.8	44.6	66.8
119	32.4	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082194.D
 Acq: 17 May 2024 21:22

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPK



Tgt Ion:152 Resp: 118160
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.4 91.3
 150 155.8 0.0 353.2

