

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081715.D
 Acq On : 12 Apr 2024 14:08
 Operator : JC\MD
 Sample : P2070-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Apr 13 06:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

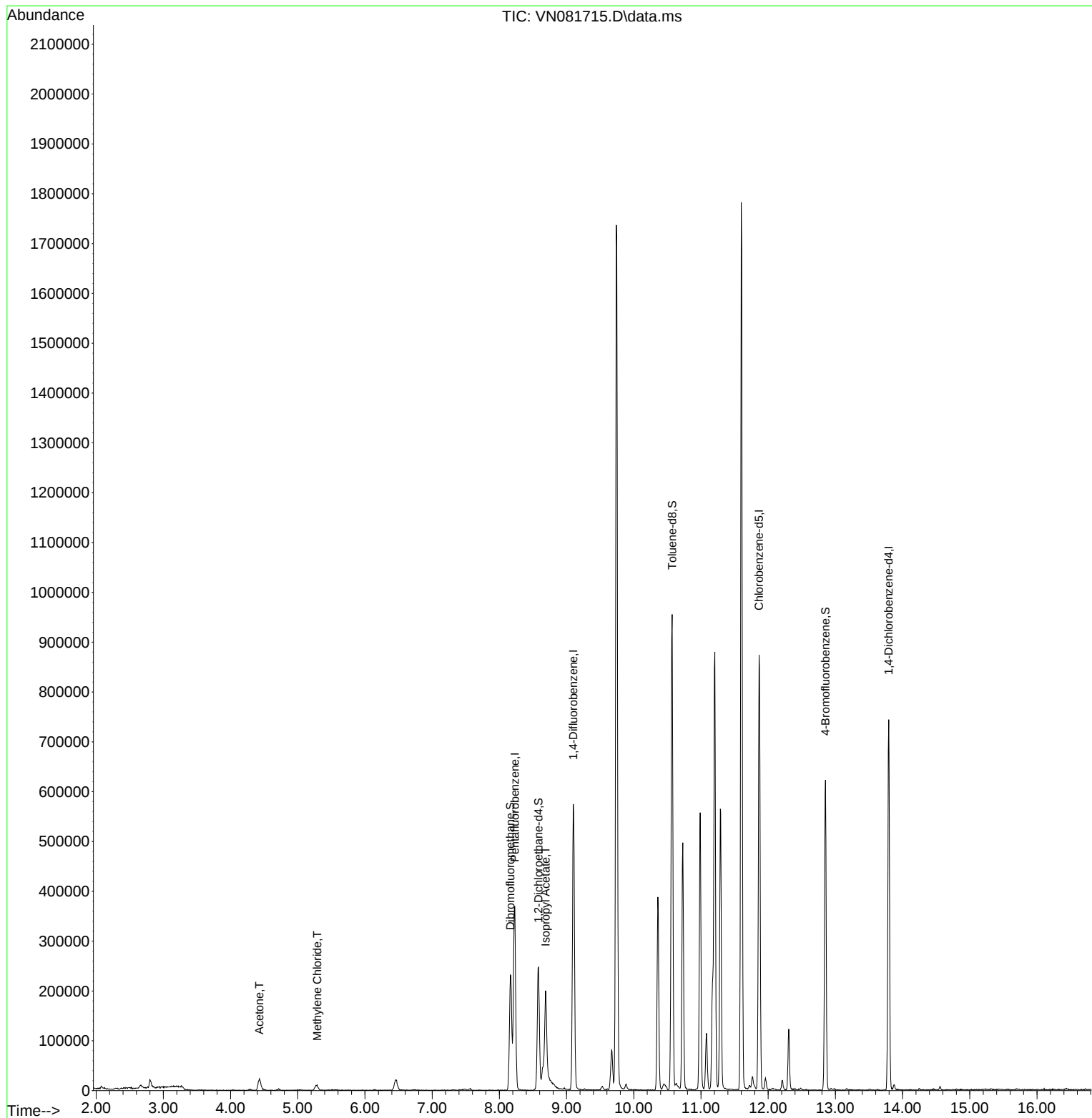
Internal Standards						
1) Pentafluorobenzene	8.229	168	263044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	502584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	519753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	202679	60.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.840%	
35) Dibromofluoromethane	8.165	113	165621	52.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	10.571	98	650483	56.733	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.460%#	
62) 4-Bromofluorobenzene	12.853	95	210679	52.147	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 104.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	42006	38.747	ug/l	90
20) Methylene Chloride	5.289	84	8498	2.393	ug/l #	90
43) Isopropyl Acetate	8.688	43	269066	35.513	ug/l #	85

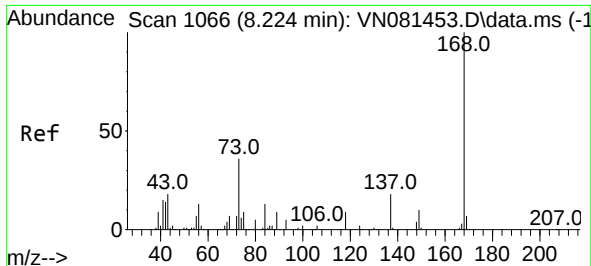
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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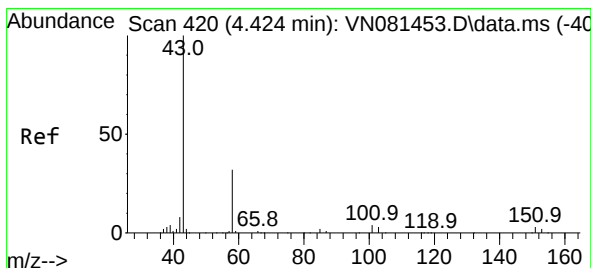
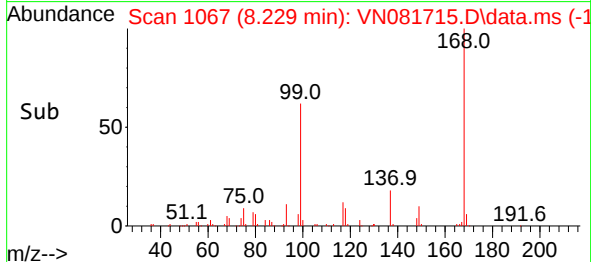
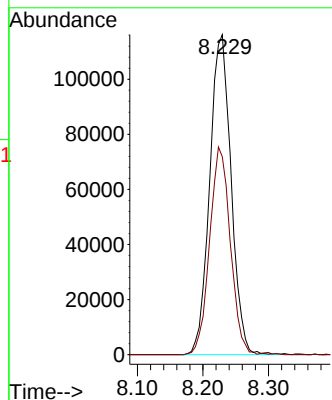
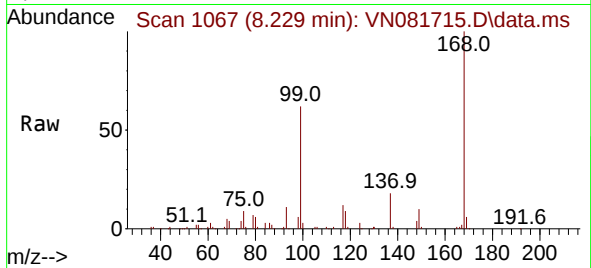




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

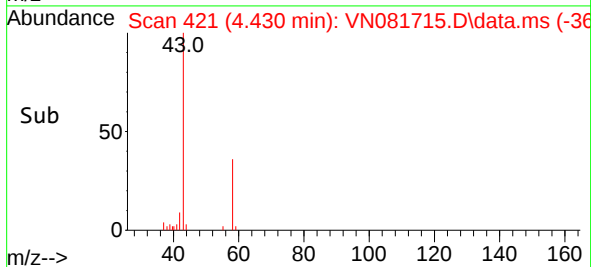
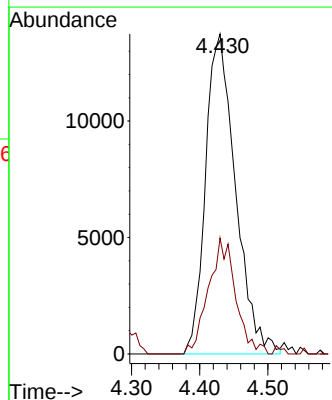
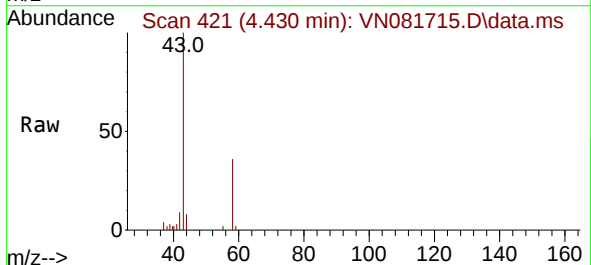
Instrument :
MSVOA_N
ClientSampleId :
TP-5

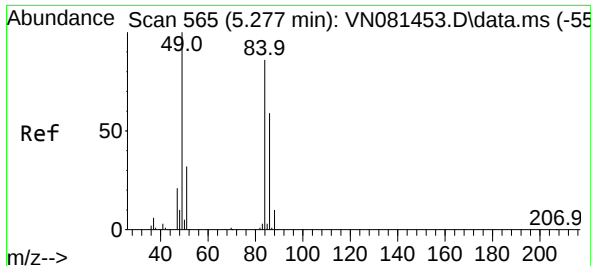
Tgt Ion:168 Resp: 263044
Ion Ratio Lower Upper
168 100
99 61.9 59.9 89.9



#16
Acetone
Concen: 38.747 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

Tgt Ion: 43 Resp: 42006
Ion Ratio Lower Upper
43 100
58 36.2 24.8 37.2

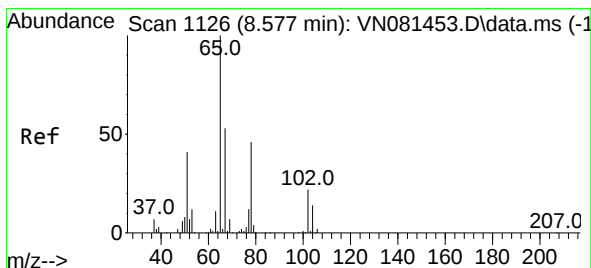
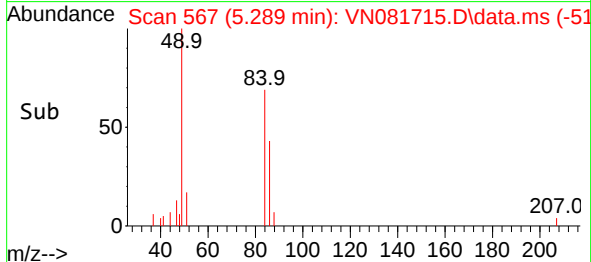
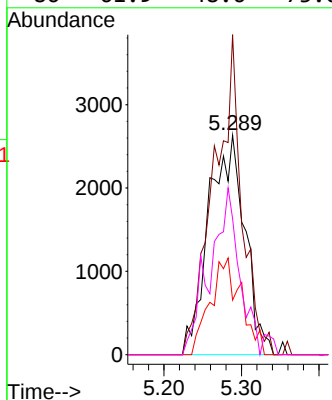
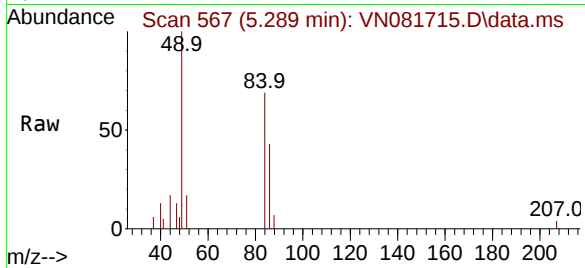




#20
Methylene Chloride
Concen: 2.393 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

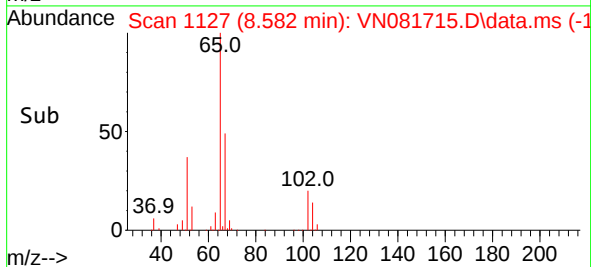
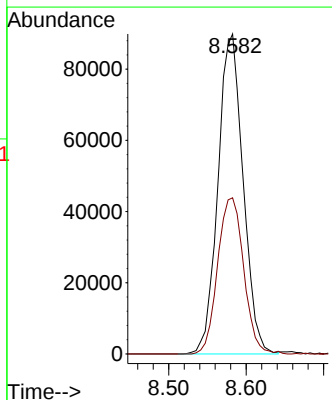
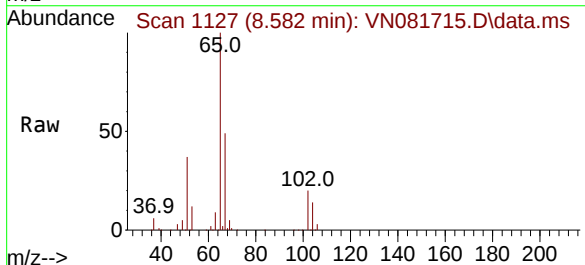
Instrument :
MSVOA_N
ClientSampleId :
TP-5

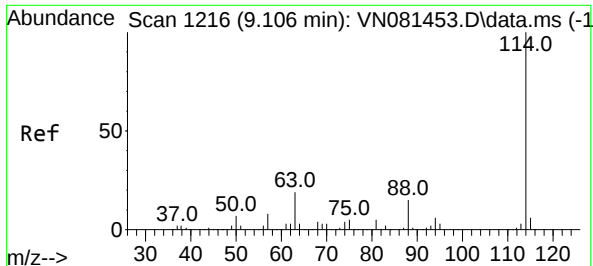
Tgt Ion:	84	Resp:	8498
Ion	Ratio	Lower	Upper
84	100		
49	145.7	108.1	162.1
51	24.9	32.9	49.3#
86	61.9	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 60.420 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

Tgt Ion:	65	Resp:	202679
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081715.D

Acq: 12 Apr 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

TP-5

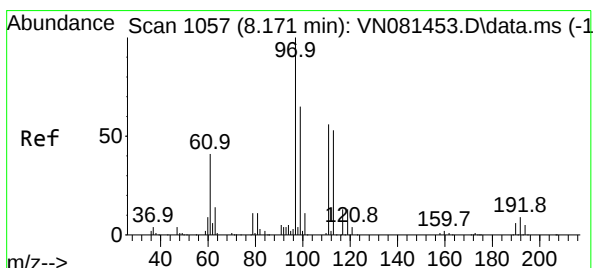
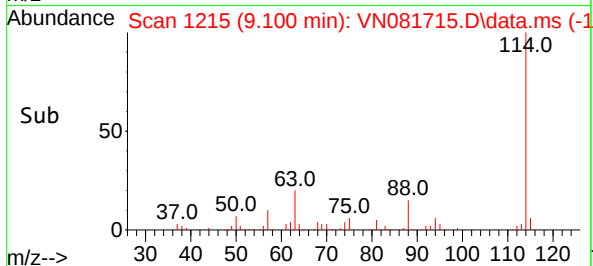
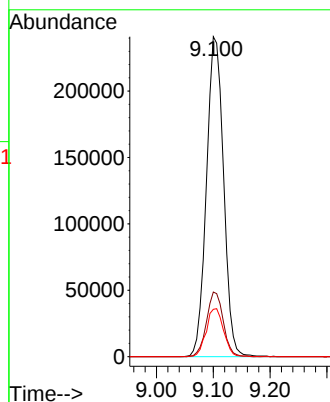
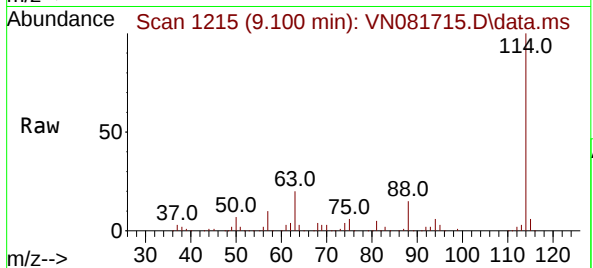
Tgt Ion:114 Resp: 502584

Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.216 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081715.D

Acq: 12 Apr 2024 14:08

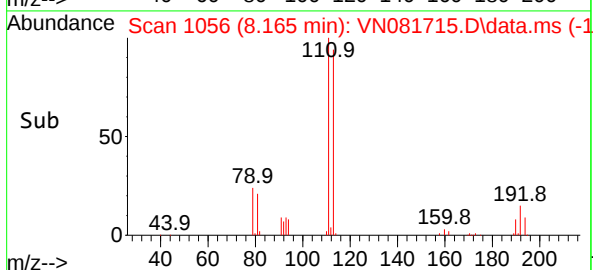
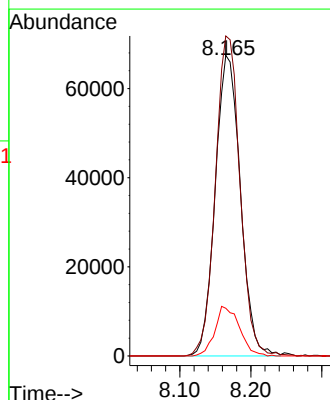
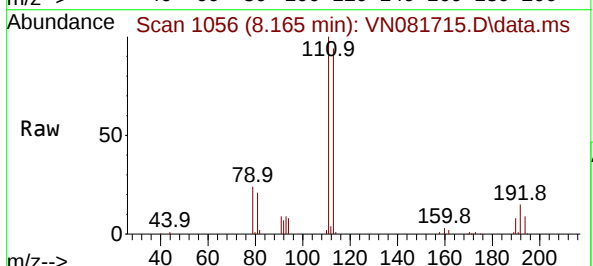
Tgt Ion:113 Resp: 165621

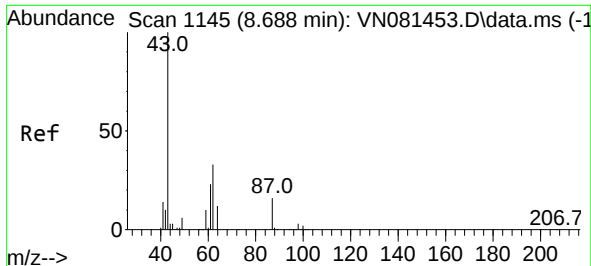
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 16.1 12.5 18.7

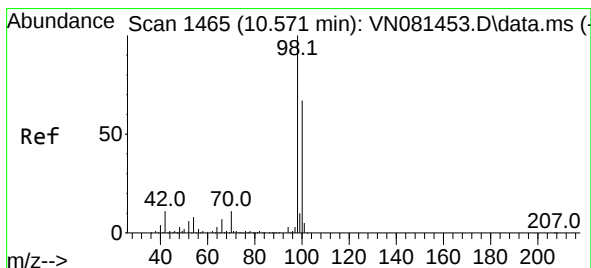
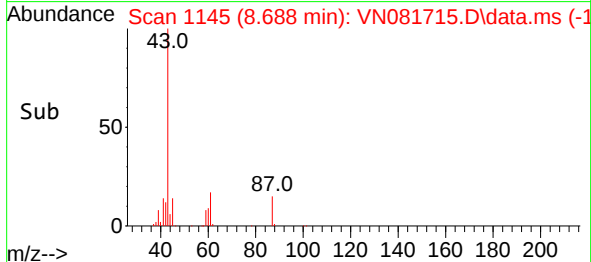
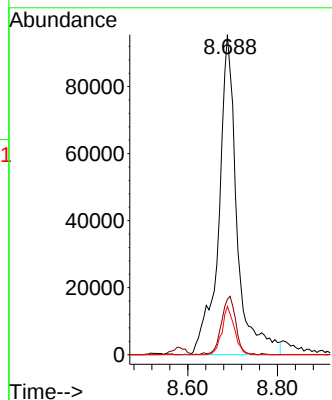
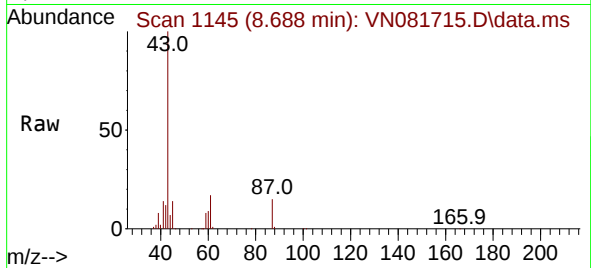




#43
Isopropyl Acetate
Concen: 35.513 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

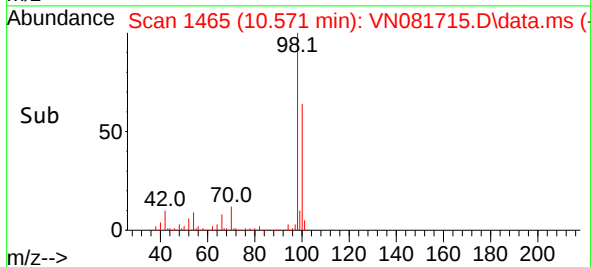
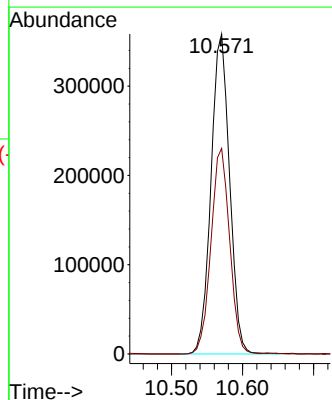
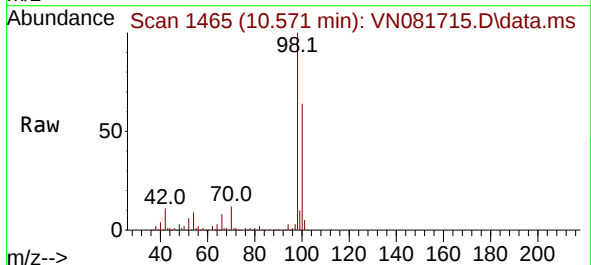
Instrument :
MSVOA_N
ClientSampleId :
TP-5

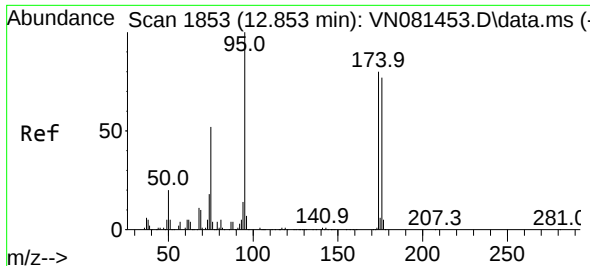
Tgt Ion: 43 Resp: 269066
Ion Ratio Lower Upper
43 100
61 14.4 19.9 29.9#
87 10.3 9.0 13.6



#50
Toluene-d8
Concen: 56.733 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

Tgt Ion: 98 Resp: 650483
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

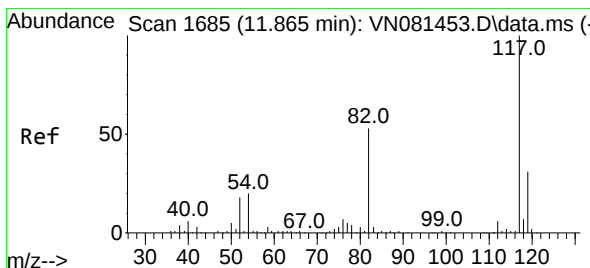
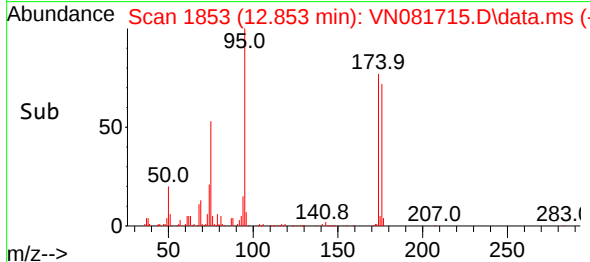
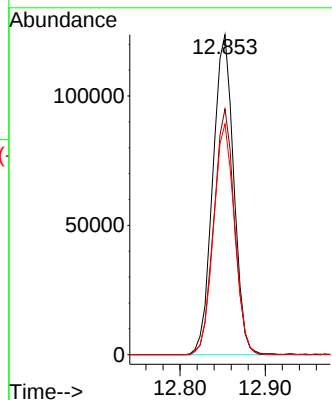
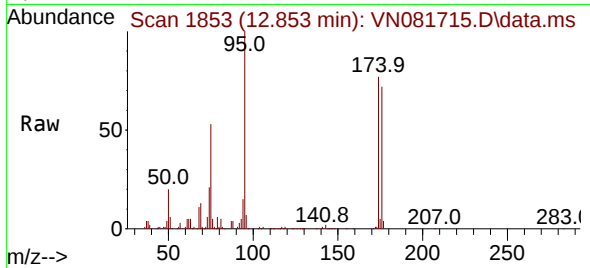




#62
4-Bromofluorobenzene
Concen: 52.147 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

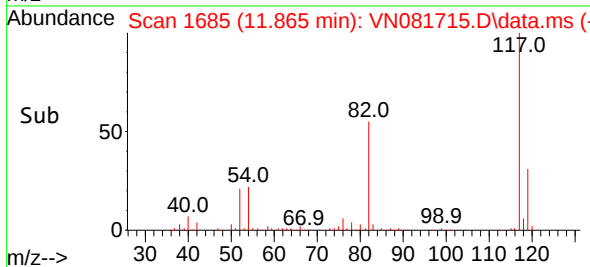
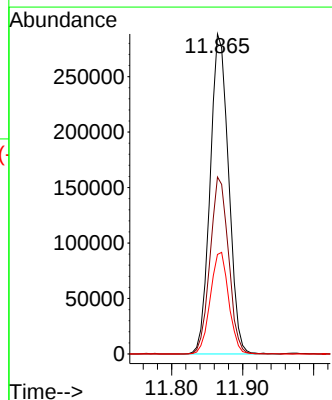
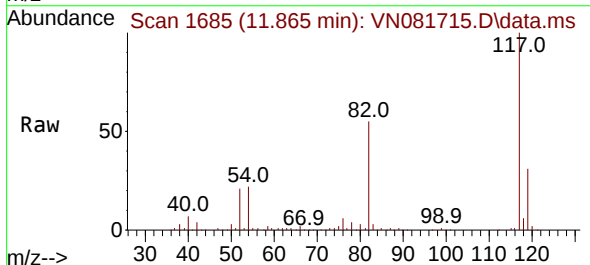
Instrument :
MSVOA_N
ClientSampleId :
TP-5

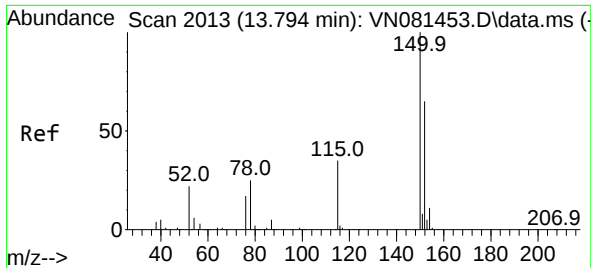
Tgt Ion: 95 Resp: 210679
Ion Ratio Lower Upper
95 100
174 75.5 0.0 120.4
176 72.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081715.D
Acq: 12 Apr 2024 14:08

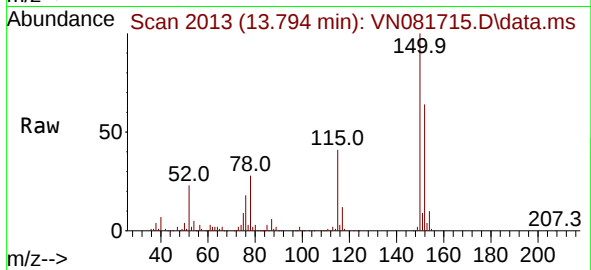
Tgt Ion: 117 Resp: 519753
Ion Ratio Lower Upper
117 100
82 55.3 52.7 79.1
119 31.1 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081715.D
 Acq: 12 Apr 2024 14:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5



Tgt Ion:152 Resp: 197503

Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.3	96.8
150	156.4	0.0	339.8

