

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081915.D
 Acq On : 29 Apr 2024 15:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 04:38:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

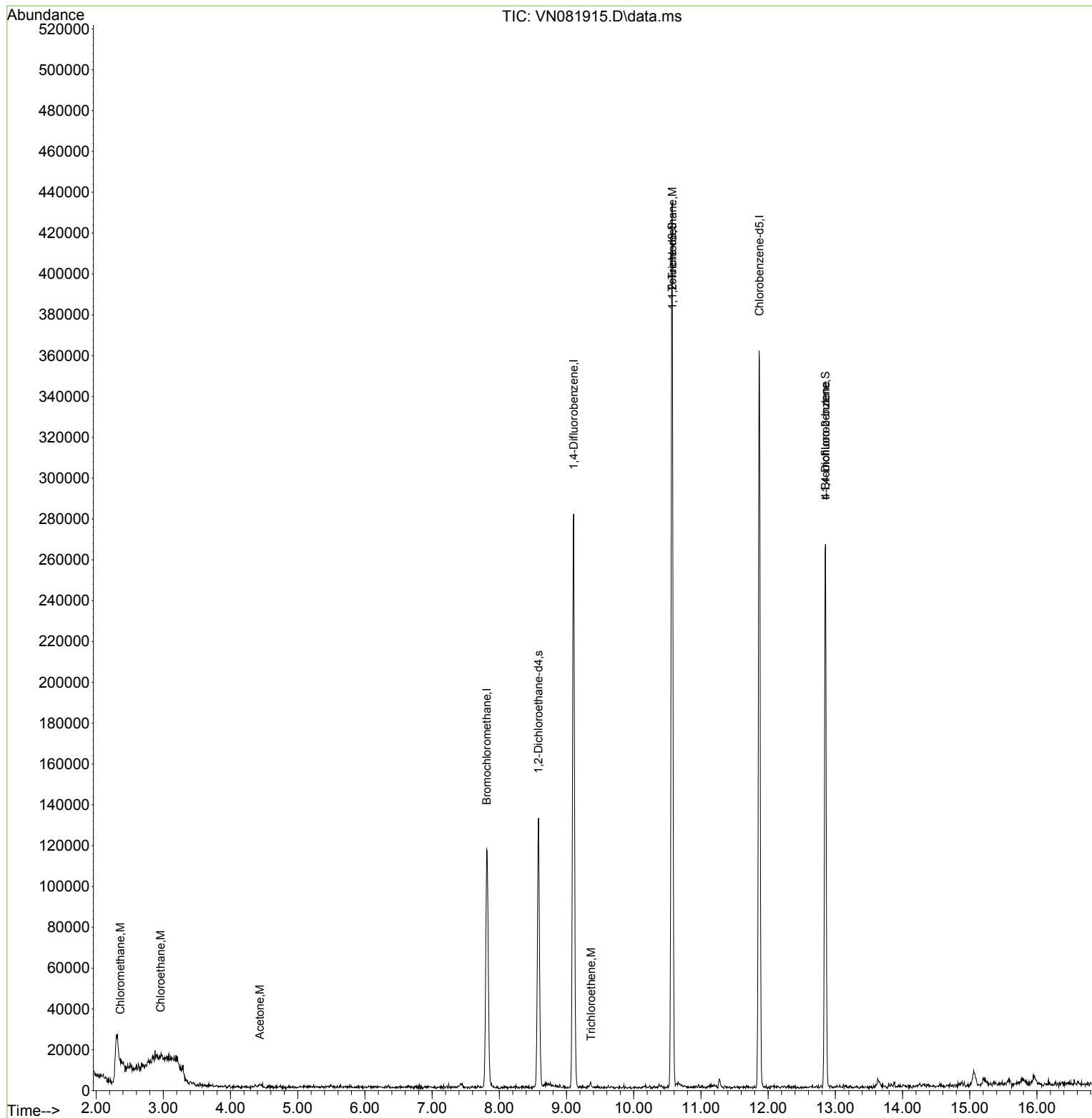
Internal Standards						
1) Bromochloromethane	7.812	128	41833	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	238539	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	204159	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	99128	28.302	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.333%
60) 4-Bromofluorobenzene	12.853	95	96875	28.512	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.033%
63) Toluene-d8	10.571	98	294926	30.419	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	958	0.348	ug/l #	43
6) Chloroethane	2.960	64	1113	0.756	ug/l	94
15) Acetone	4.436	58	177	0.541	ug/l #	1
37) Trichloroethene	9.365	130	741	0.267	ug/l #	39
50) 1,1,2-Trichloroethane	10.577	97	9055	3.574	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.853	75	52728	37.537	ug/l #	12

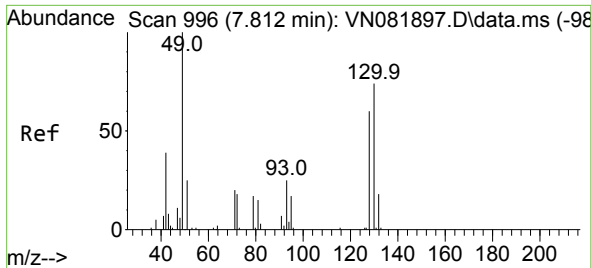
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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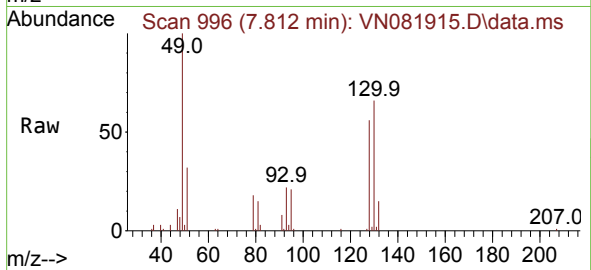
Quant Time: Apr 30 04:38:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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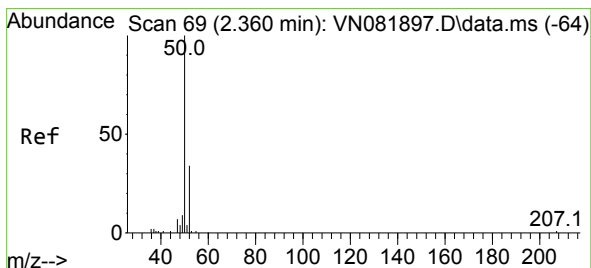
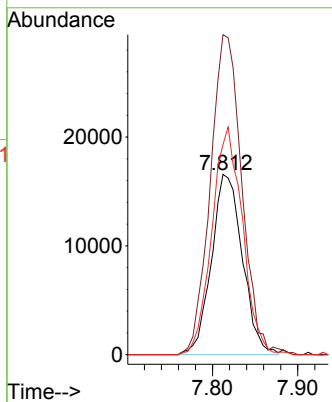
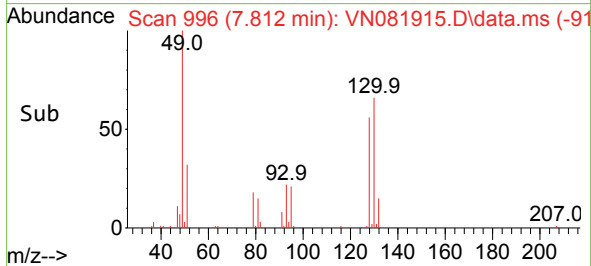


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081915.D
Acq: 29 Apr 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

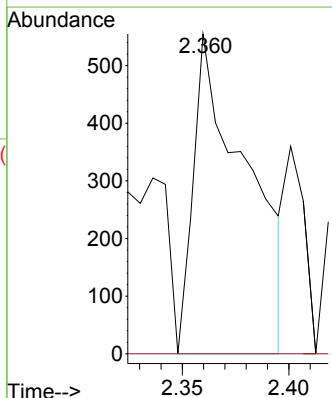
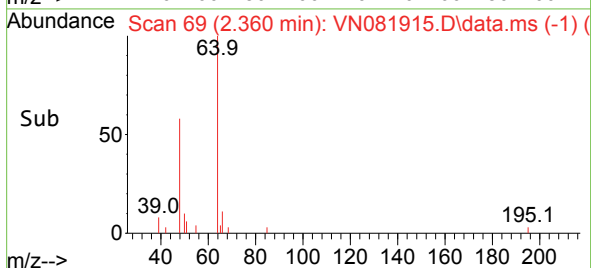
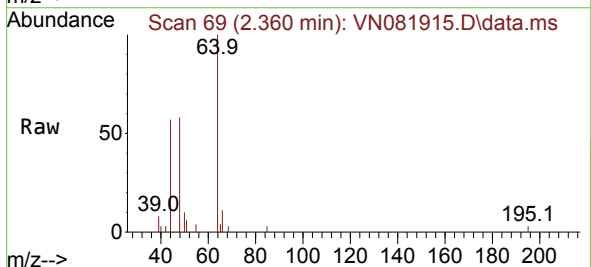


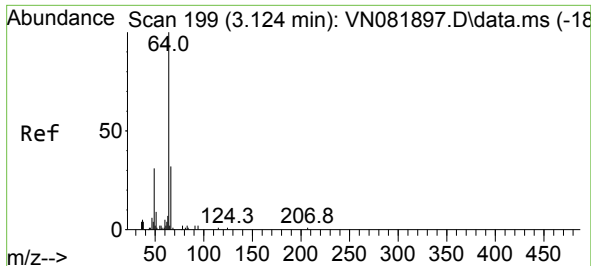
Tgt Ion:128 Resp: 41833
Ion Ratio Lower Upper
128 100
49 179.2 0.0 403.7
130 124.7 0.0 323.3



#3
Chloromethane
Concen: 0.348 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081915.D
Acq: 29 Apr 2024 15:32

Tgt Ion: 50 Resp: 958
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

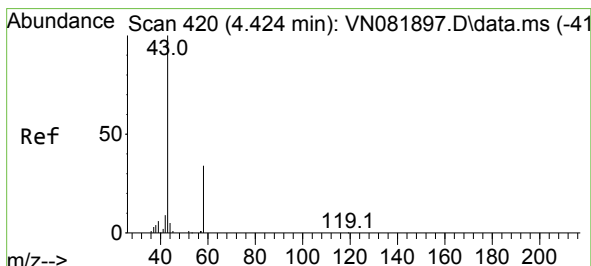
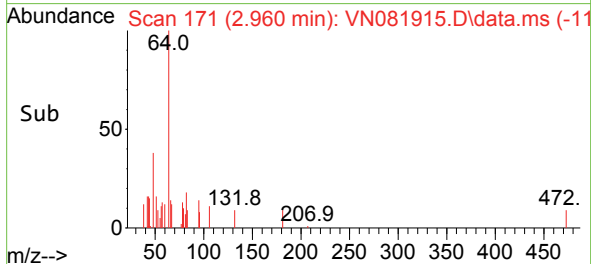
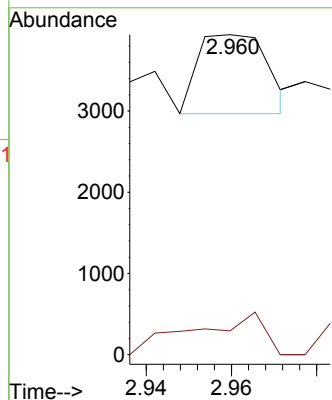
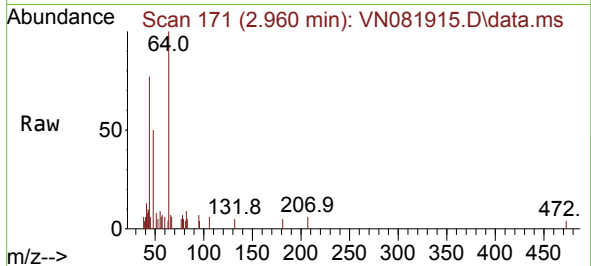




#6
Chloroethane
Concen: 0.756 ug/l
RT: 2.960 min Scan# 1113
Delta R.T. -0.165 min
Lab File: VN081915.D
Acq: 29 Apr 2024 15:32

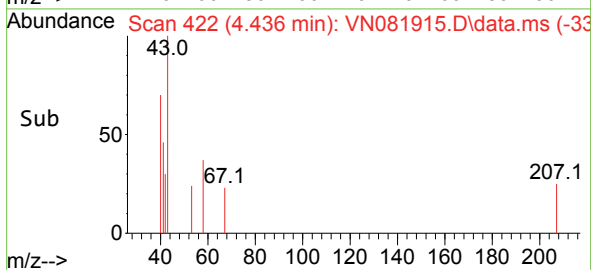
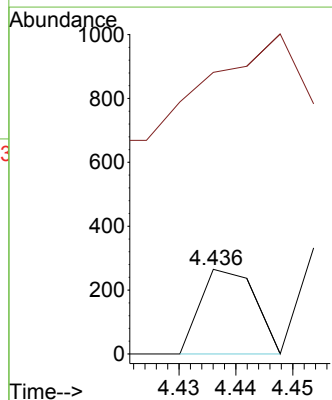
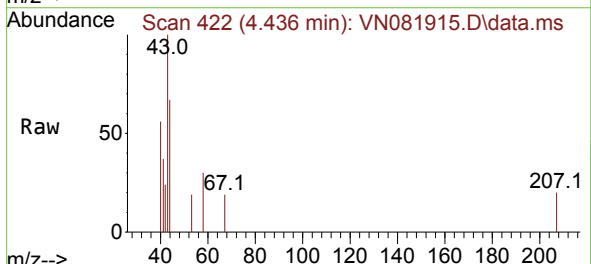
Instrument :
MSVOA_N
ClientSampleId :

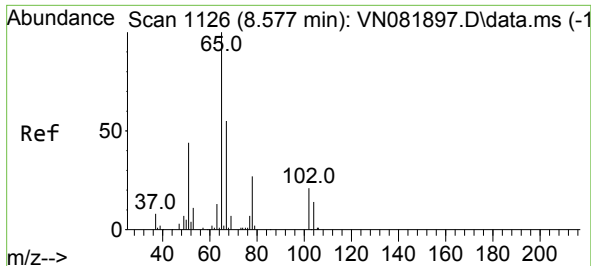
Tgt Ion: 64 Resp: 1113
Ion Ratio Lower Upper
64 100
66 30.2 26.7 40.1



#15
Acetone
Concen: 0.541 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081915.D
Acq: 29 Apr 2024 15:32

Tgt Ion: 58 Resp: 177
Ion Ratio Lower Upper
58 100
43 35.1 223.1 334.7#





#27

1,2-Dichloroethane-d4

Concen: 28.302 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

Instrument :

MSVOA_N

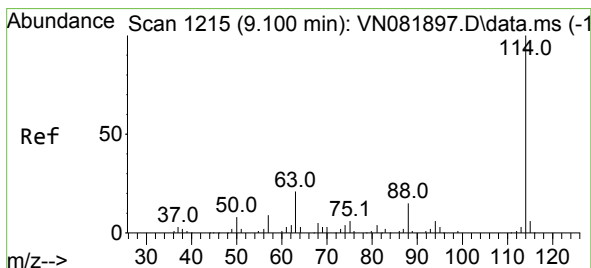
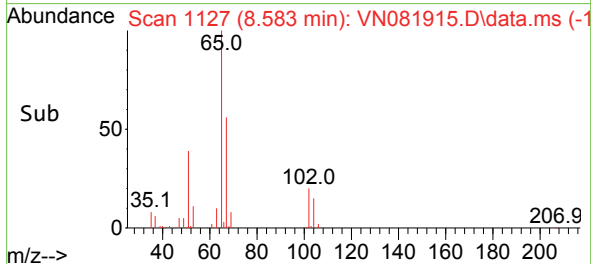
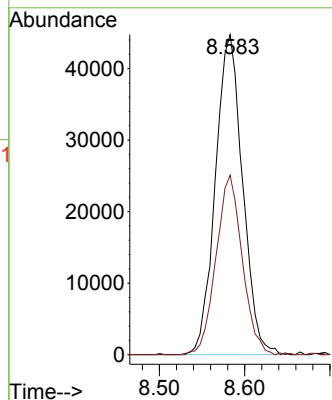
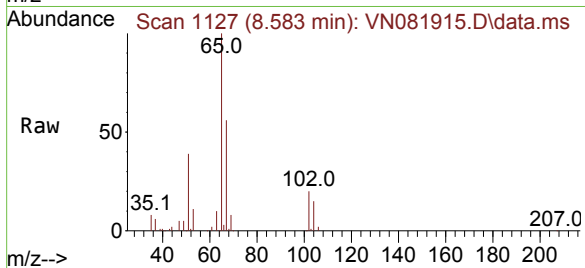
ClientSampleId :

Tgt Ion: 65 Resp: 99128

Ion Ratio Lower Upper

65 100

67 54.1 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

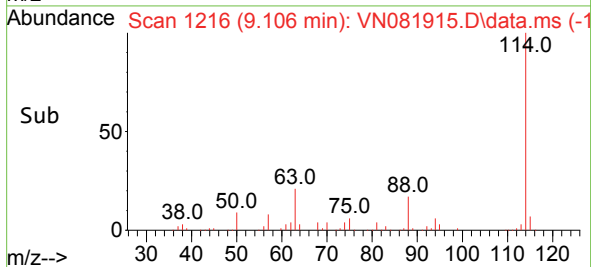
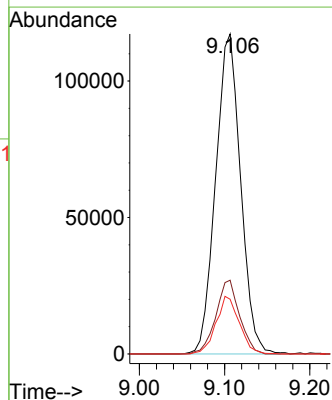
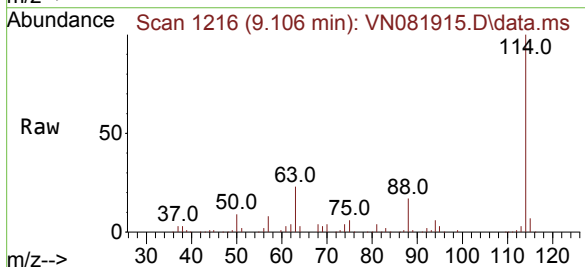
Tgt Ion: 114 Resp: 238539

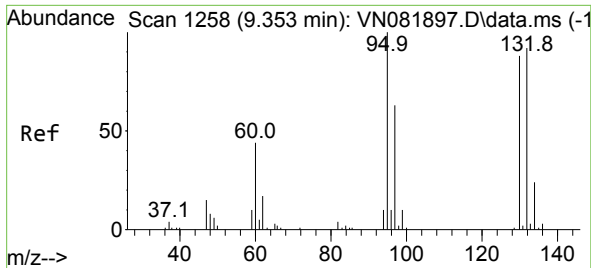
Ion Ratio Lower Upper

114 100

63 21.8 15.9 23.9

88 16.8 12.7 19.1





#37

Trichloroethene

Concen: 0.267 ug/l

RT: 9.365 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

Instrument :

MSVOA_N

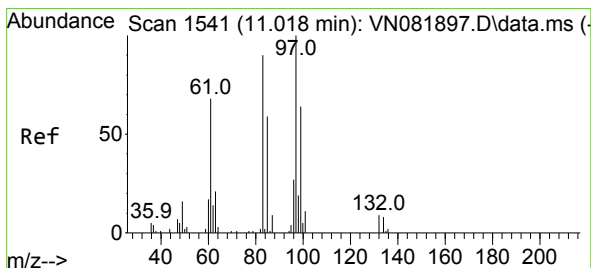
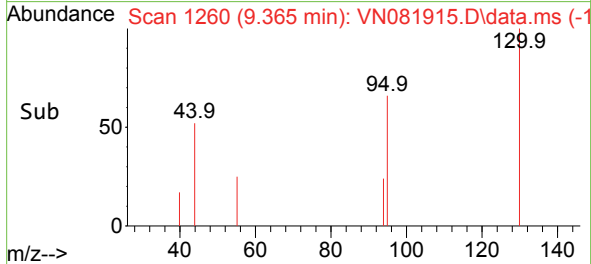
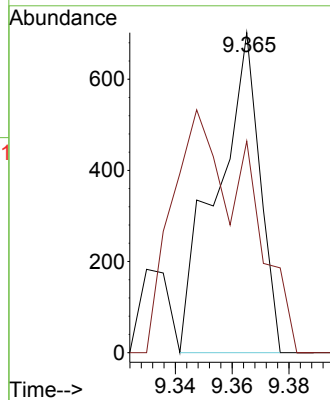
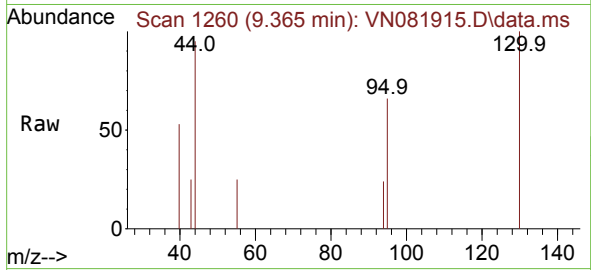
ClientSampleId :

Tgt Ion:130 Resp: 741

Ion Ratio Lower Upper

130 100

95 39.6 80.2 120.4#



#50

1,1,2-Trichloroethane

Concen: 3.574 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. -0.441 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

Tgt Ion: 97 Resp: 9055

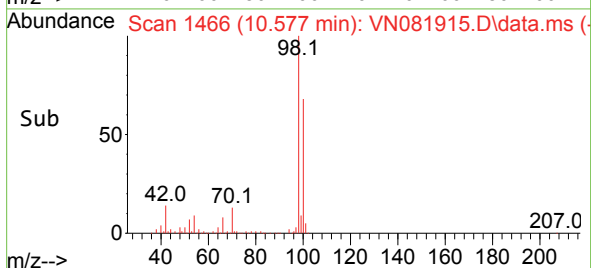
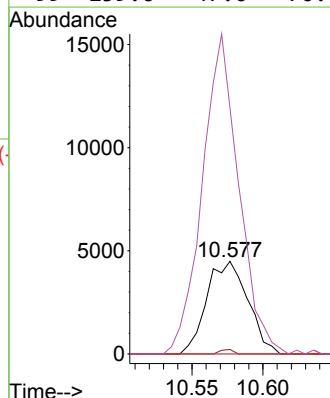
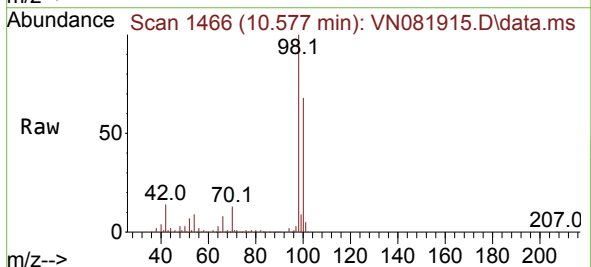
Ion Ratio Lower Upper

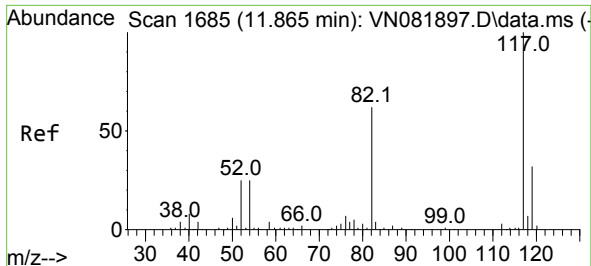
97 100

83 4.8 68.1 102.1#

85 0.0 41.8 62.6#

99 259.6 47.0 70.4#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

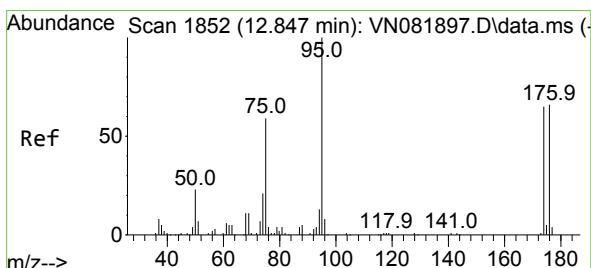
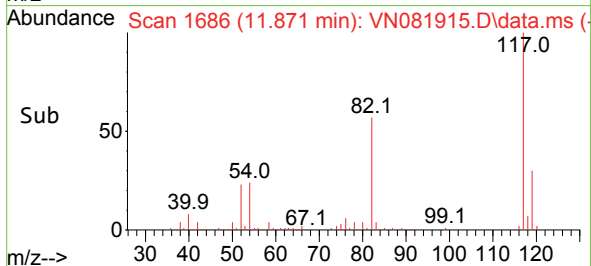
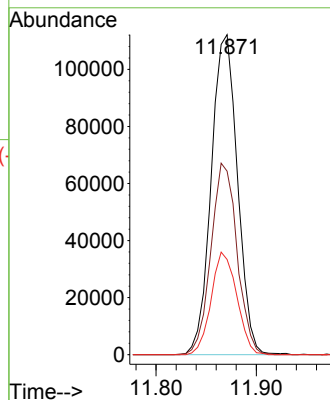
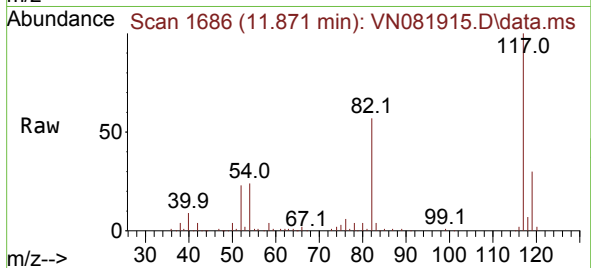
Tgt Ion:117 Resp: 204159

Ion Ratio Lower Upper

117 100

82 59.6 46.6 69.8

119 31.3 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 28.512 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

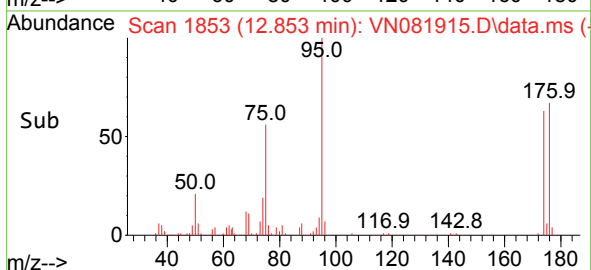
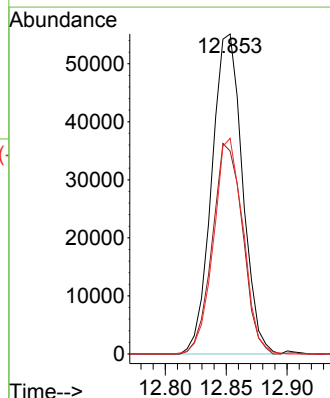
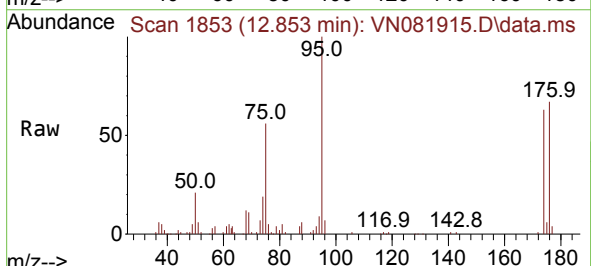
Tgt Ion: 95 Resp: 96875

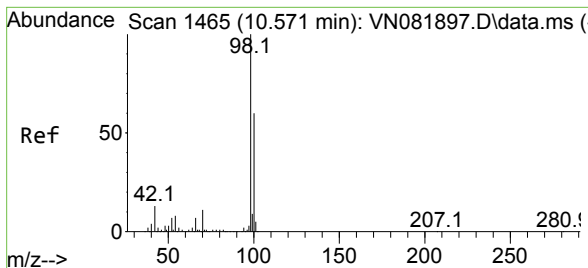
Ion Ratio Lower Upper

95 100

174 64.9 60.5 90.7

176 64.9 57.8 86.6





#63

Toluene-d8

Concen: 30.419 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

Instrument :

MSVOA_N

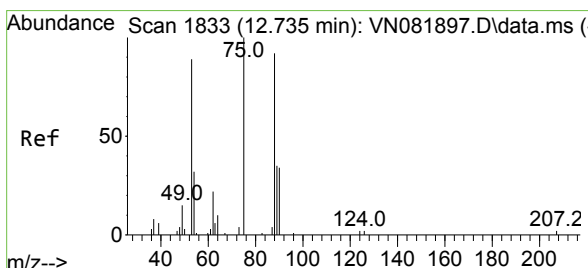
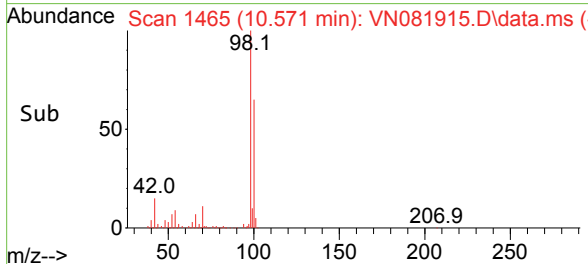
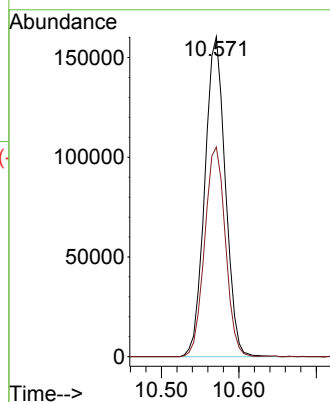
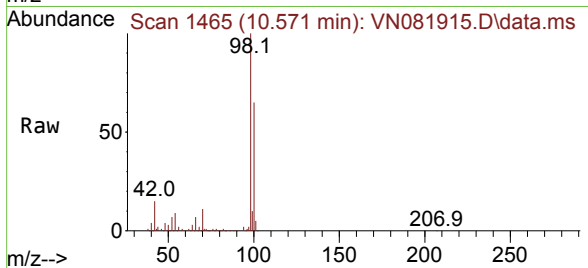
ClientSampleId :

Tgt Ion: 98 Resp: 294926

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#77

t-1,4-Dichloro-2-butene

Concen: 37.537 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN081915.D

Acq: 29 Apr 2024 15:32

Tgt Ion: 75 Resp: 52728

Ion Ratio Lower Upper

75 100

53 0.0 45.9 137.7#

89 0.0 25.9 77.7#

