

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082828.D
 Acq On : 08 Jul 2024 17:48
 Operator : JC\MD
 Sample : P3169-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 09 06:06:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

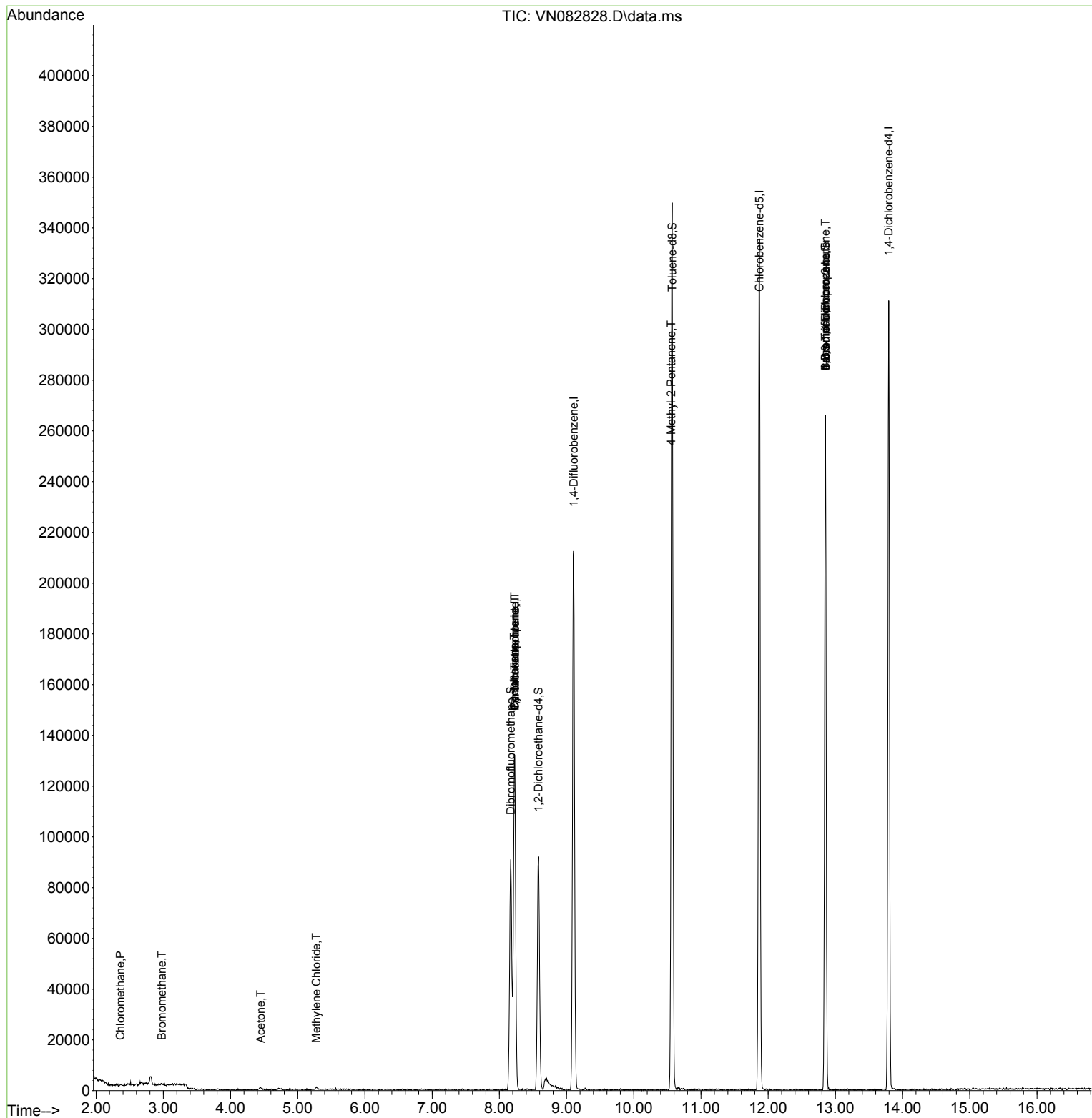
Internal Standards						
1) Pentafluorobenzene	8.230	168	96333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	185421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	191469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77082	57.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.160%	
35) Dibromofluoromethane	8.171	113	63042	52.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.980%	
50) Toluene-d8	10.571	98	236501	53.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.853	95	84898	53.782	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	352	0.298	ug/l #	43
5) Bromomethane	2.977	94	405	0.452	ug/l #	78
16) Acetone	4.447	43	2003	4.213	ug/l #	81
20) Methylene Chloride	5.277	84	615	0.536	ug/l #	81
31) Cyclohexane	8.224	56	2335	1.323	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	8139	4.962	ug/l #	51
38) Carbon Tetrachloride	8.230	117	10597	5.365	ug/l #	19
43) Isopropyl Acetate	8.700	43	7176	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	1126	0.680	ug/l #	1
71) Bromoform	12.853	173	719	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	47494	34.277	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	47494	67.412	ug/l #	6

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

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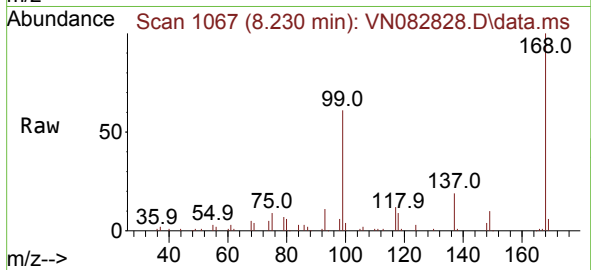
Quant Time: Jul 09 06:06:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
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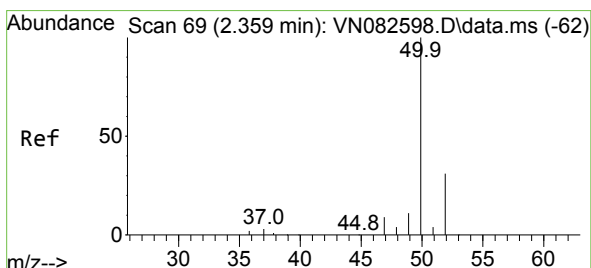
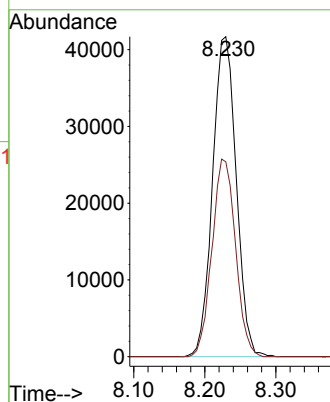
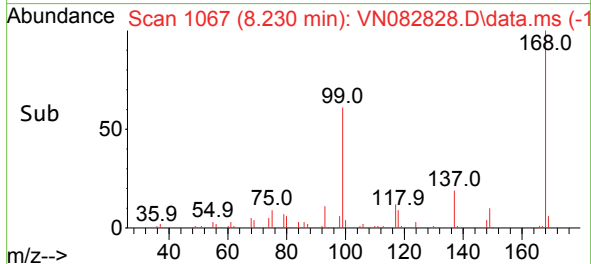


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :

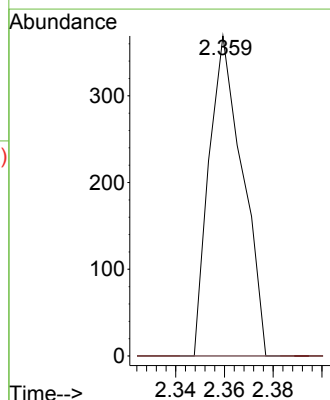
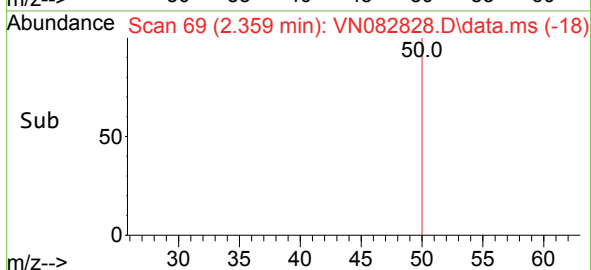
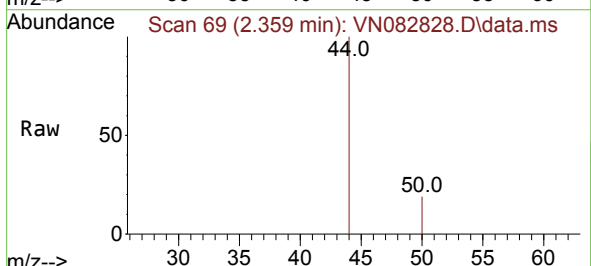


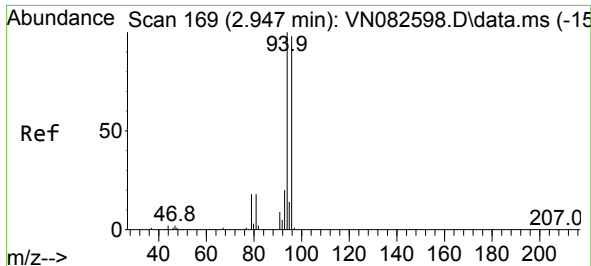
Tgt Ion:168 Resp: 96333
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#3
Chloromethane
Concen: 0.298 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

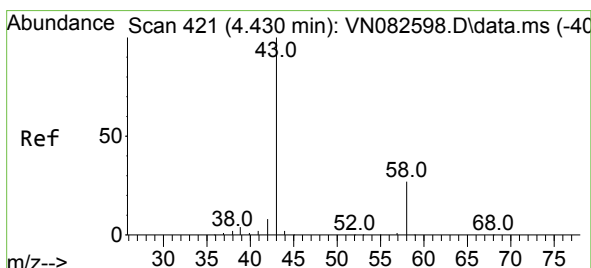
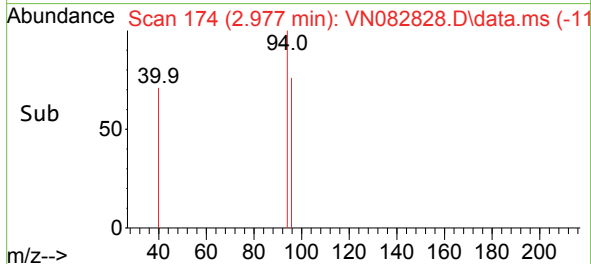
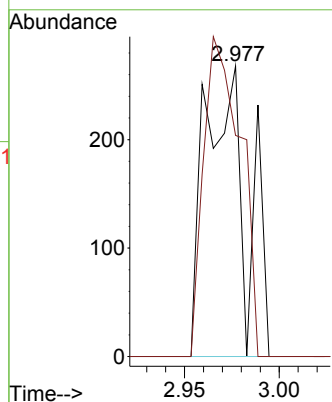
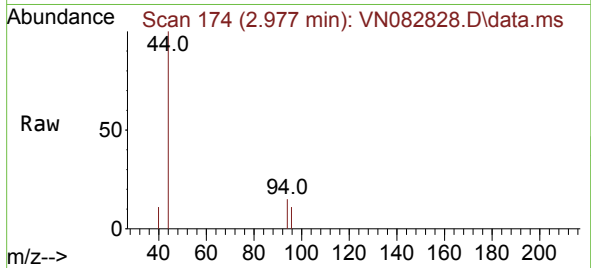




#5
Bromomethane
Concen: 0.452 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

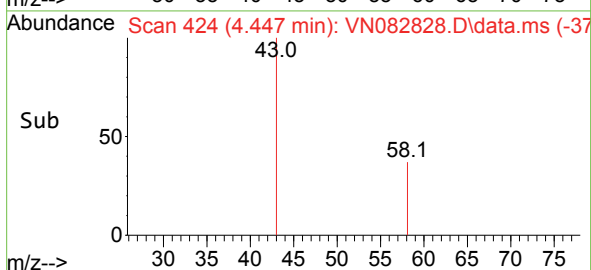
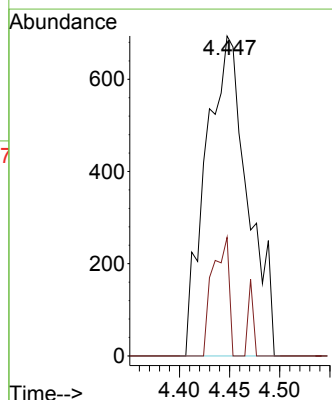
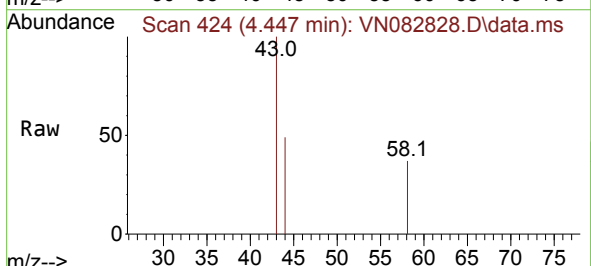
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 76.1 78.0 117.0#



#16
Acetone
Concen: 4.213 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

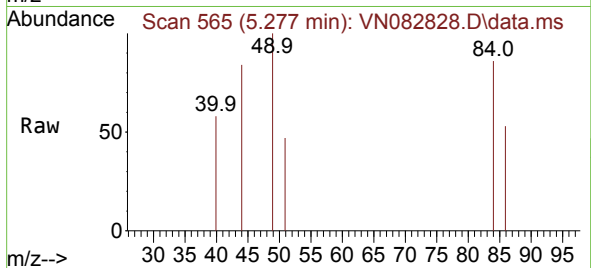
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 37.0 21.8 32.6#





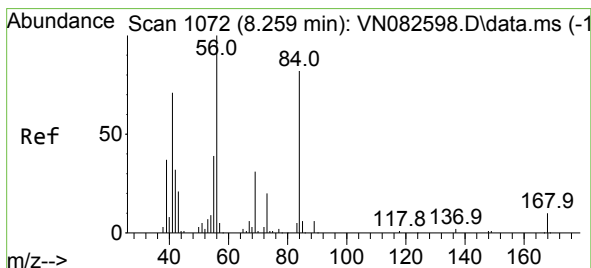
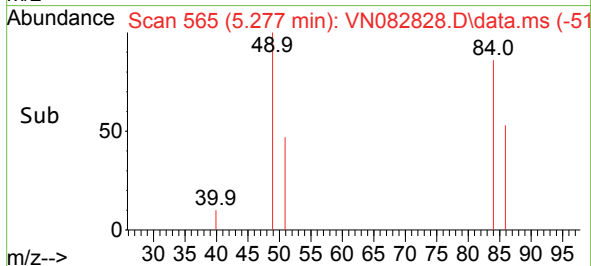
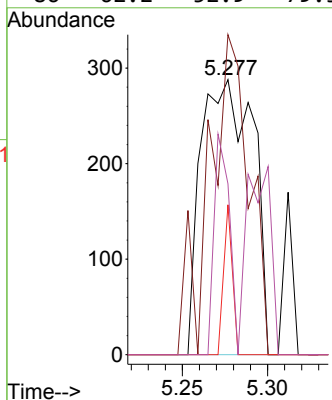
#20
Methylene Chloride
Concen: 0.536 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 615

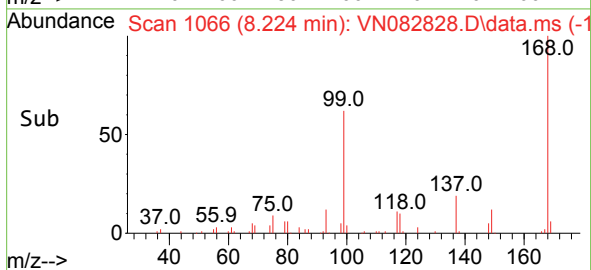
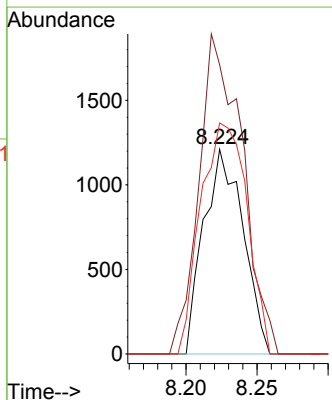
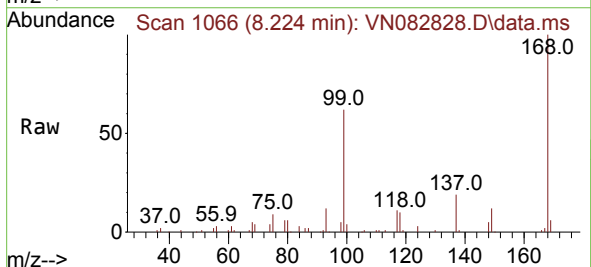
Ion	Ratio	Lower	Upper
84	100		
49	116.3	119.6	179.4#
51	54.5	34.8	52.2#
86	62.2	52.9	79.3

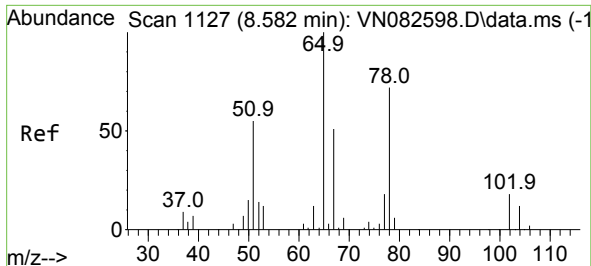


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion: 56 Resp: 2335

Ion	Ratio	Lower	Upper
56	100		
69	141.2	24.5	36.7#
84	112.9	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.081 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

Instrument :

MSVOA_N

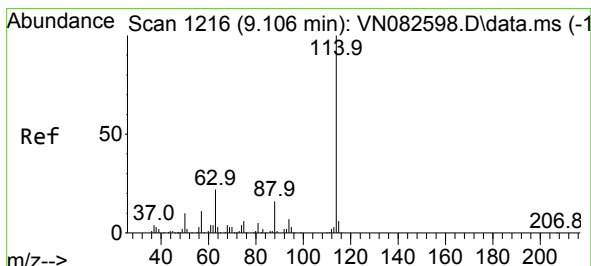
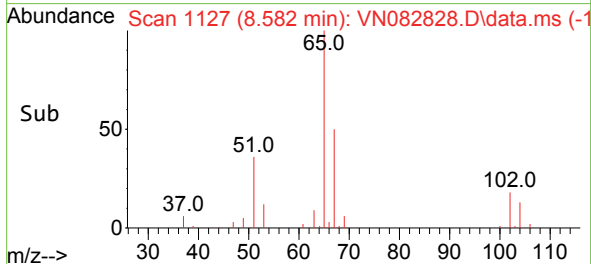
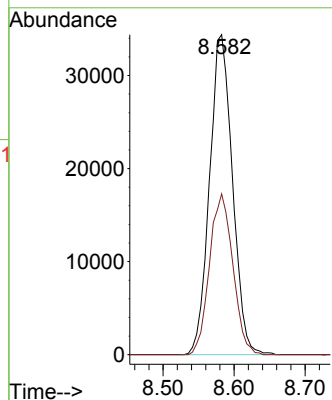
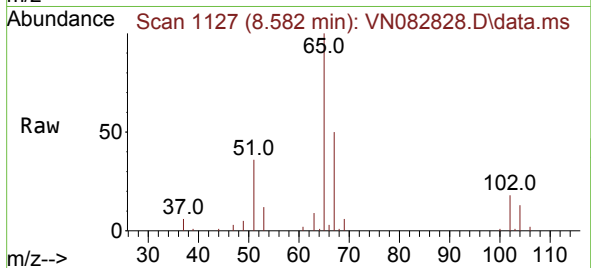
ClientSampleId :

Tgt Ion: 65 Resp: 77082

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

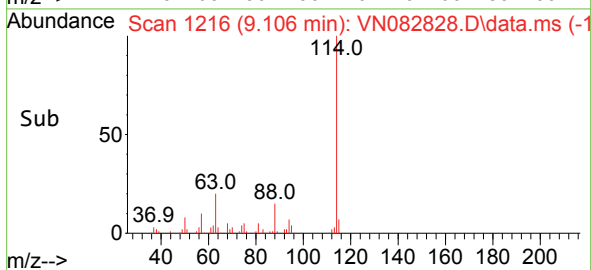
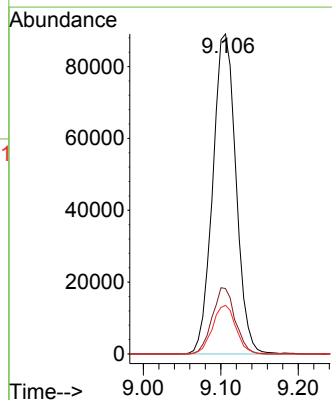
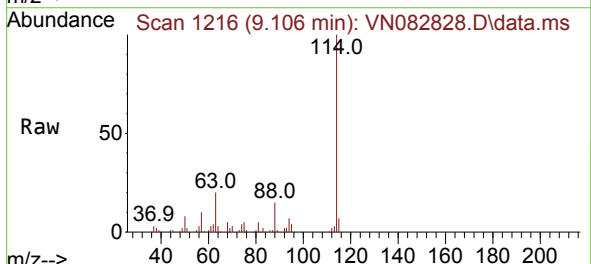
Tgt Ion: 114 Resp: 185421

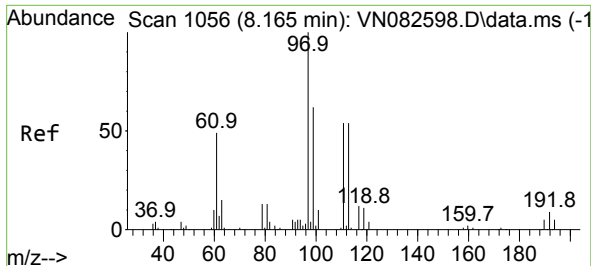
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

88 15.2 0.0 31.4

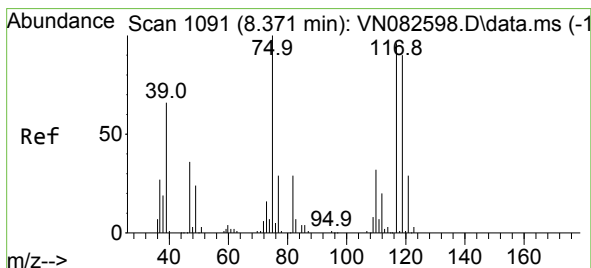
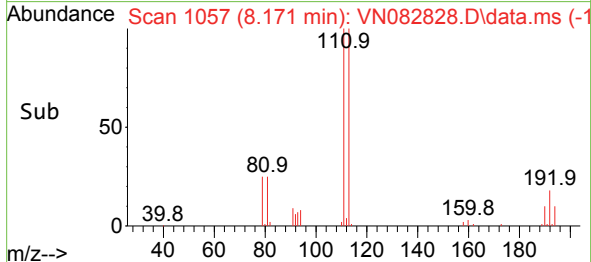
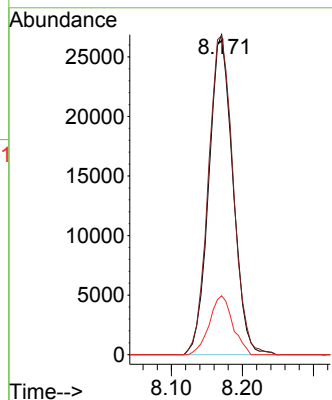
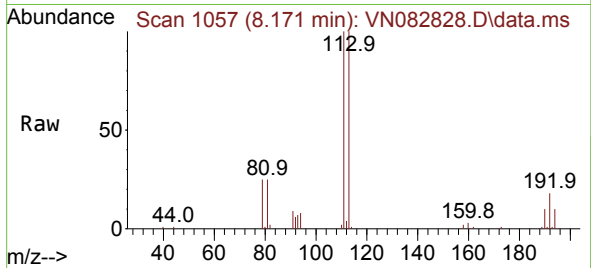




#35
 Dibromofluoromethane
 Concen: 52.985 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082828.D
 Acq: 08 Jul 2024 17:48

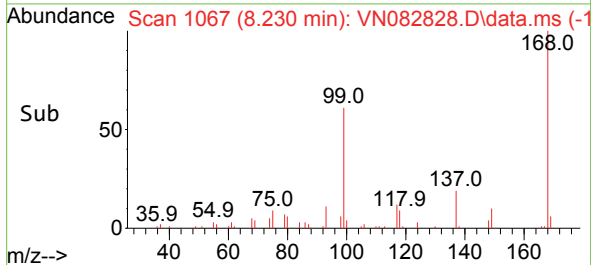
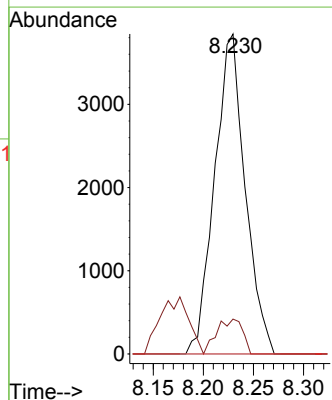
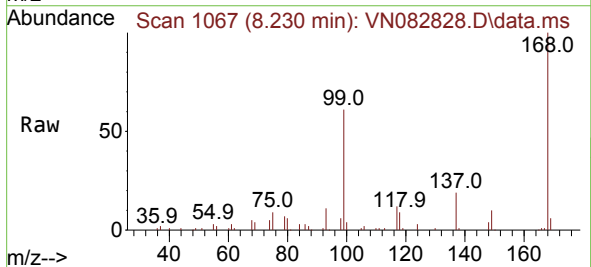
Instrument :
 MSVOA_N
 ClientSampleId :

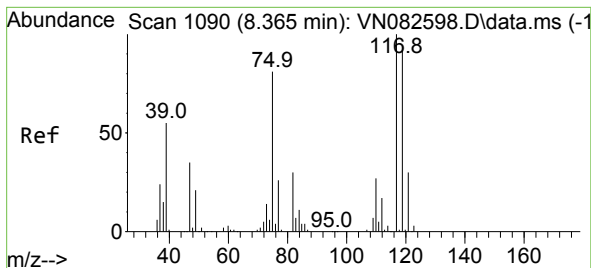
Tgt Ion:113 Resp: 63042
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 17.9 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082828.D
 Acq: 08 Jul 2024 17:48

Tgt Ion: 75 Resp: 8139
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.3 48.9#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.365 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

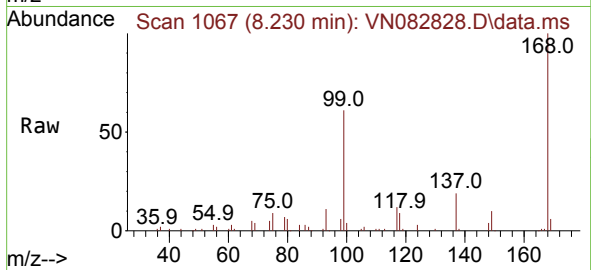
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Acq: 08 Jul 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :



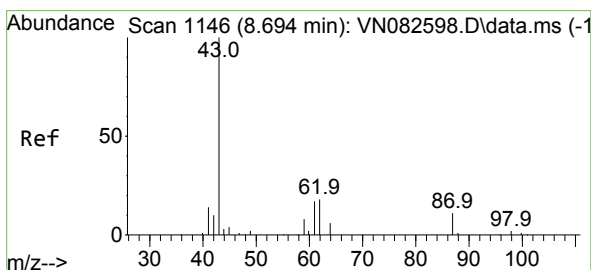
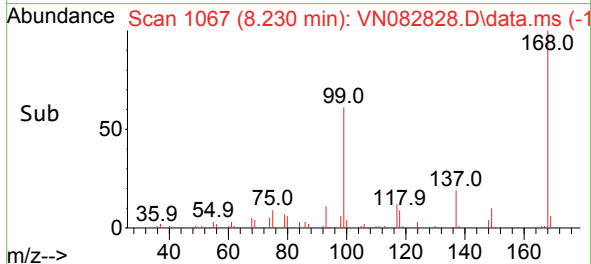
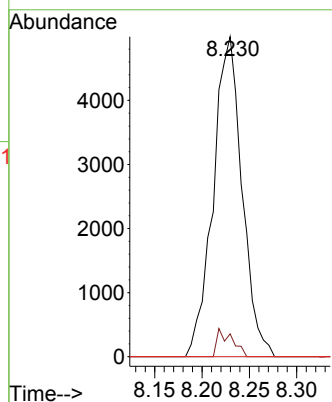
Tgt Ion:117 Resp: 10597

Ion Ratio Lower Upper

117 100

119 7.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

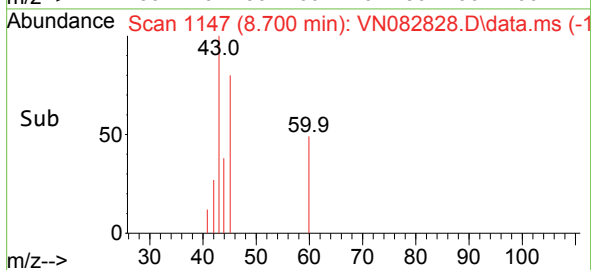
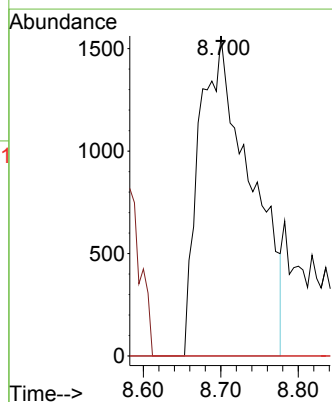
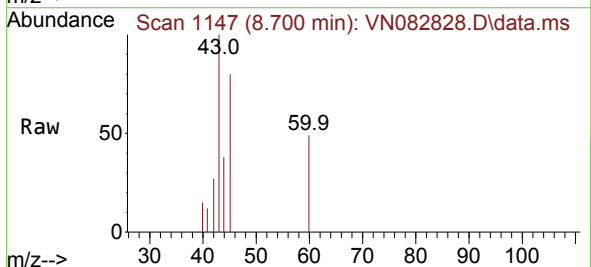
Tgt Ion: 43 Resp: 7176

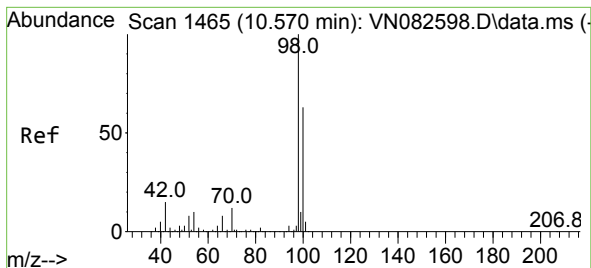
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 53.818 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

Instrument :

MSVOA_N

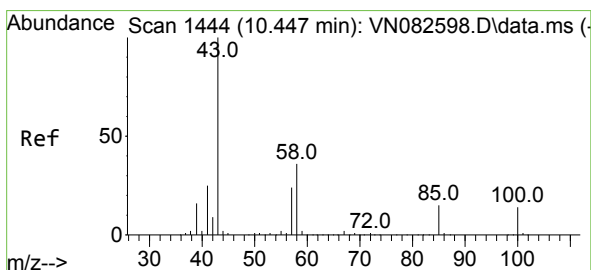
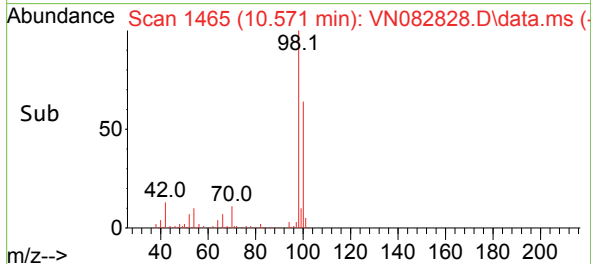
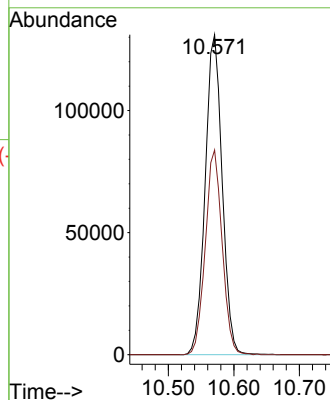
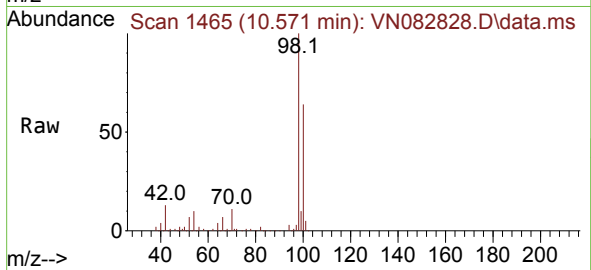
ClientSampleId :

Tgt Ion: 98 Resp: 236501

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.680 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.112 min

Lab File: VN082828.D

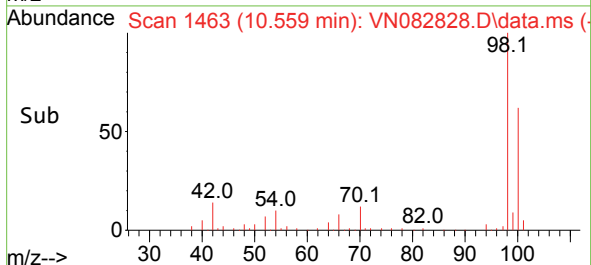
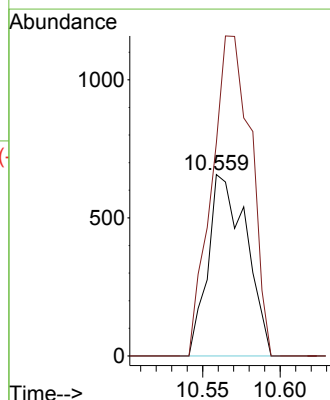
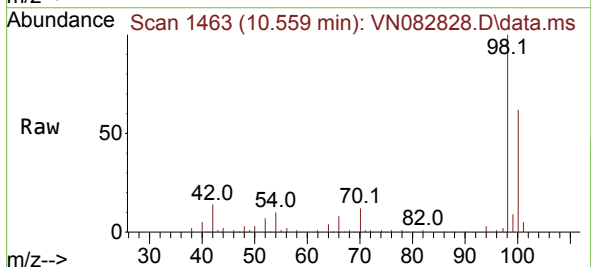
Acq: 08 Jul 2024 17:48

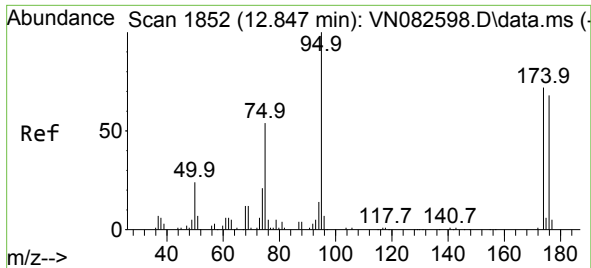
Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

58 180.6 28.2 42.4#

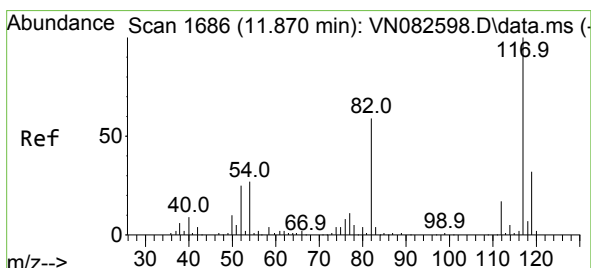
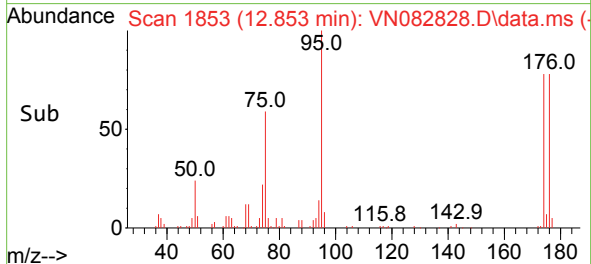
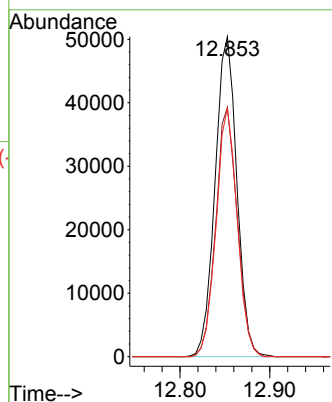
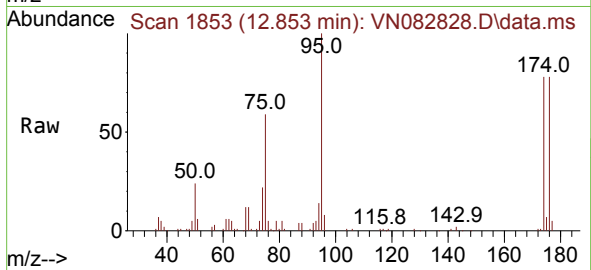




#62
4-Bromofluorobenzene
Concen: 53.782 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

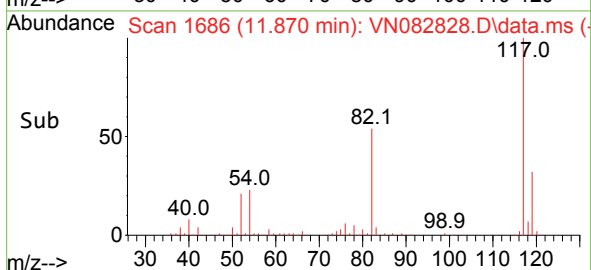
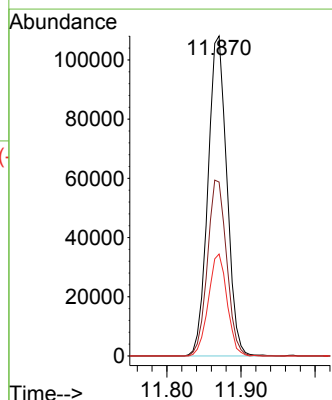
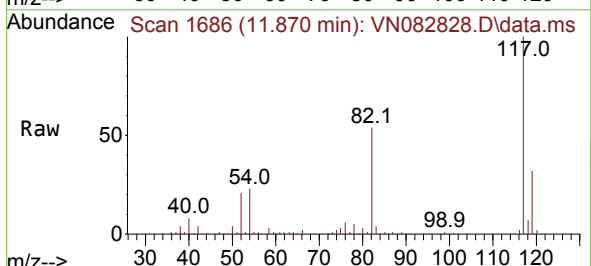
Instrument :
MSVOA_N
ClientSampleId :

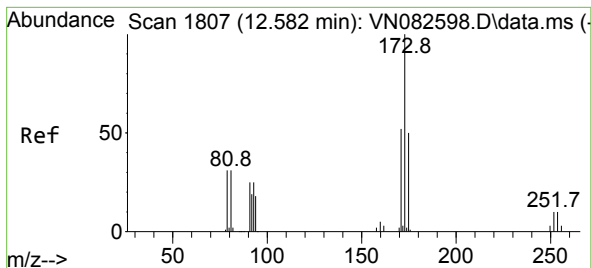
Tgt Ion: 95 Resp: 84898
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 75.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion: 117 Resp: 191469
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 31.9 25.6 38.4





#71

Bromoform

Concen: 0.626 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

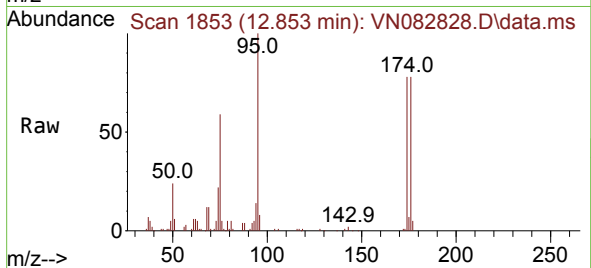
Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

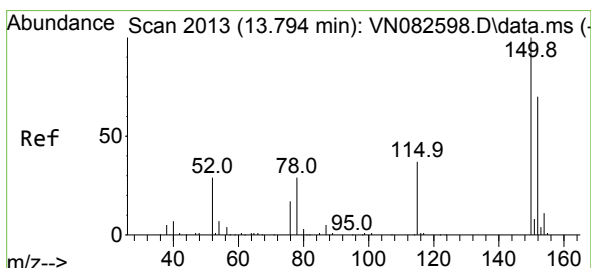
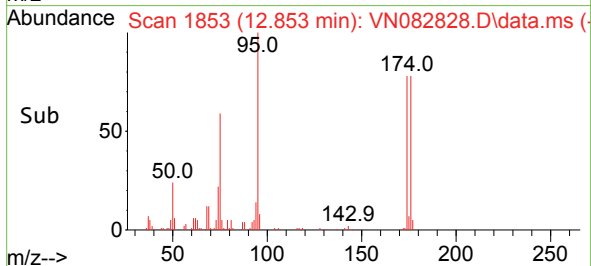
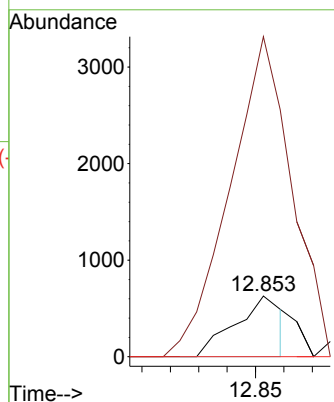
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	719
Ion Ratio	Lower	Upper	
173	100		
175	580.7	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

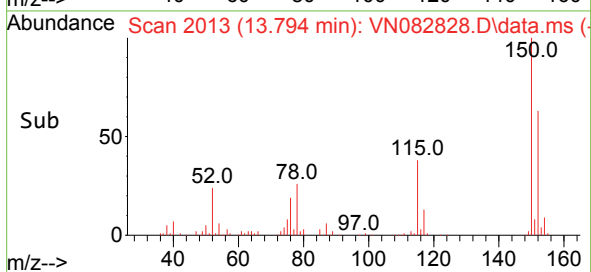
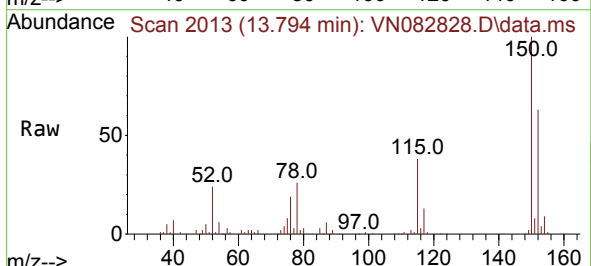
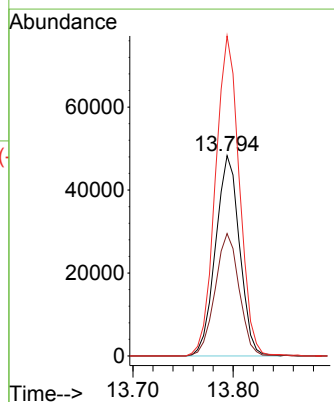
RT: 13.794 min Scan# 2013

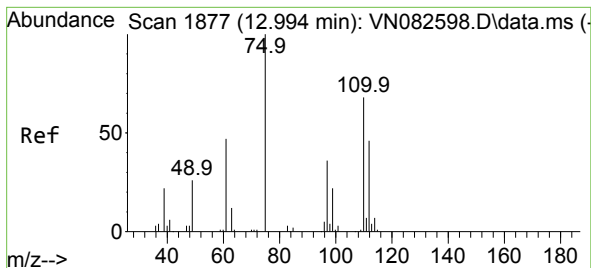
Delta R.T. -0.000 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

Tgt Ion:	152	Resp:	80369
Ion Ratio	Lower	Upper	
152	100		
115	61.3	30.6	91.6
150	159.2	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 34.277 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

Instrument :

MSVOA_N

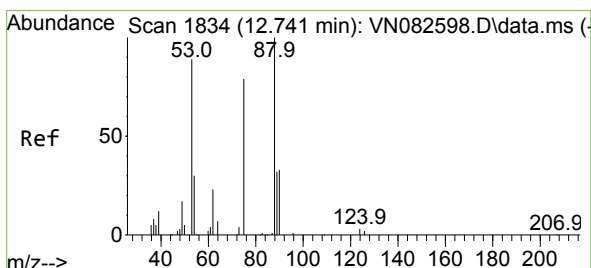
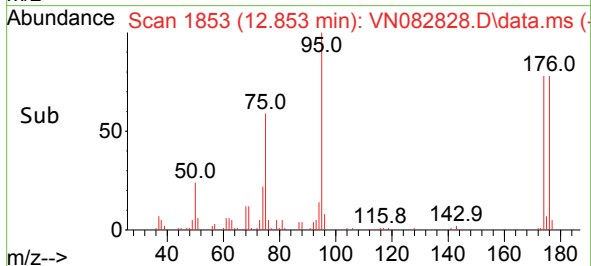
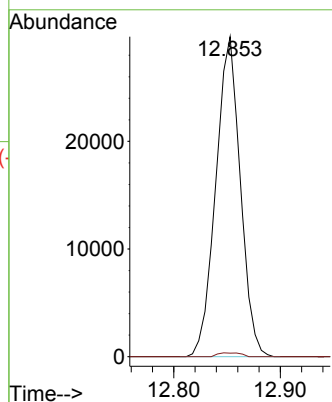
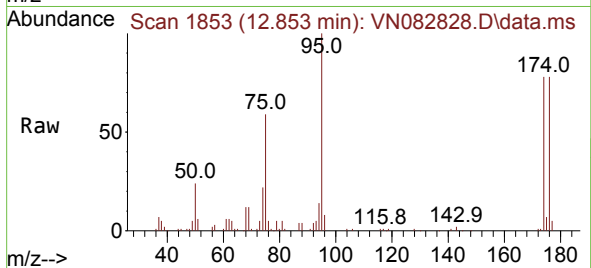
ClientSampleId :

Tgt Ion: 75 Resp: 47494

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.412 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082828.D

Acq: 08 Jul 2024 17:48

Tgt Ion: 75 Resp: 47494

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

