

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083042.D
 Acq On : 26 Jul 2024 11:10
 Operator : JC\MD
 Sample : VN0726WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:01:40 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)

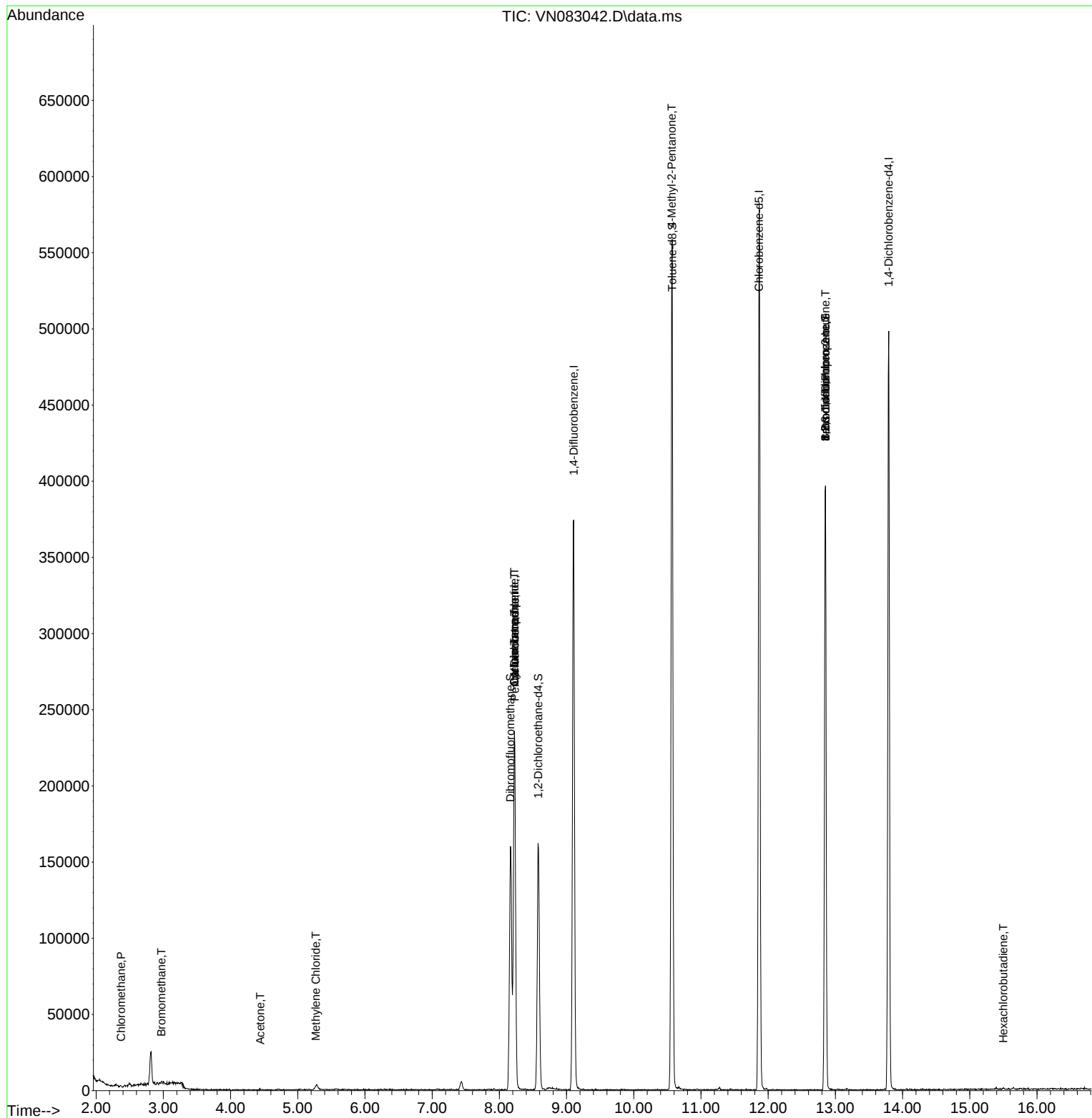
Internal Standards						
1) Pentafluorobenzene	8.229	168	159598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131445	58.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.500%
35) Dibromofluoromethane	8.165	113	109746	54.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.860%
50) Toluene-d8	10.571	98	376069	50.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.853	95	123954	46.758	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	514	0.262	ug/l #	43
5) Bromomethane	2.971	94	1200	0.809	ug/l #	65
16) Acetone	4.442	43	609	0.773	ug/l #	48
20) Methylene Chloride	5.271	84	2781	1.462	ug/l #	56
31) Cyclohexane	8.224	56	4902	1.676	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	14041	5.097	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17640	5.318	ug/l #	20
43) Isopropyl Acetate	8.735	43	787	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1554	0.559	ug/l #	1
71) Bromoform	12.853	173	1293	0.678	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	71263	31.443	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71263	61.839	ug/l #	6
94) Hexachlorobutadiene	15.500	225	323	0.313	ug/l #	45

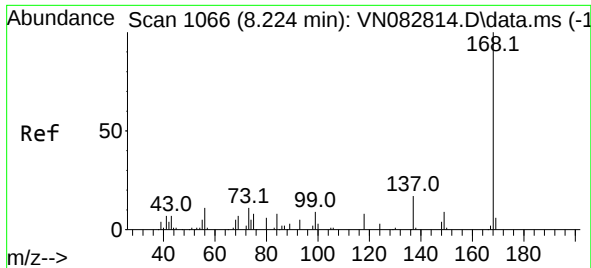
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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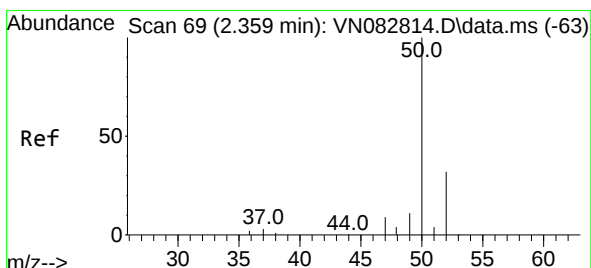
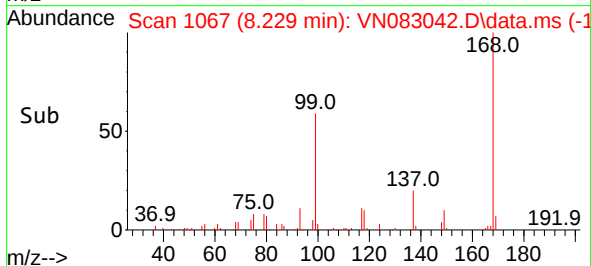
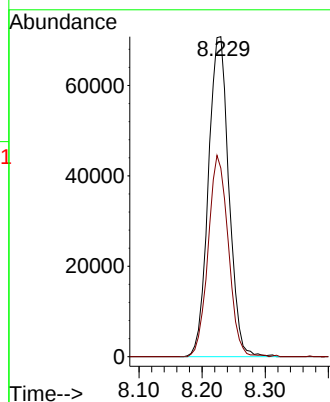
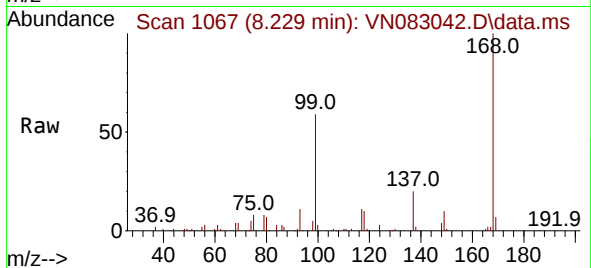




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

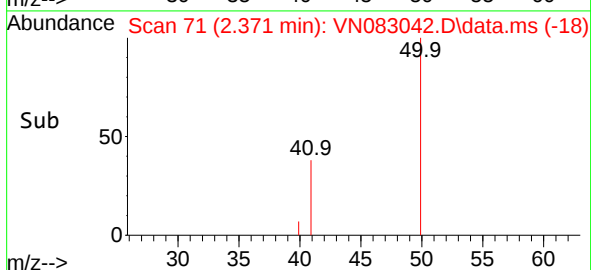
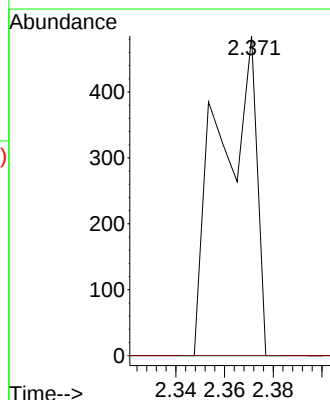
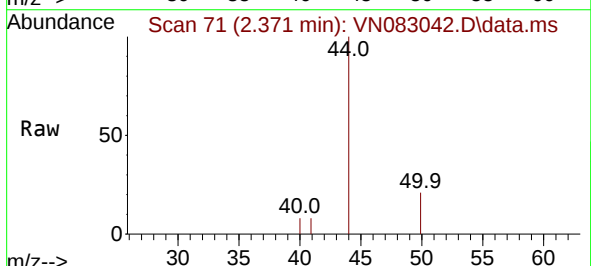
Instrument :
MSVOA_N
ClientSampleId :

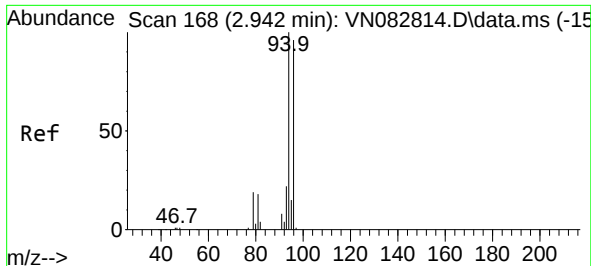
Tgt Ion:168 Resp: 159598
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

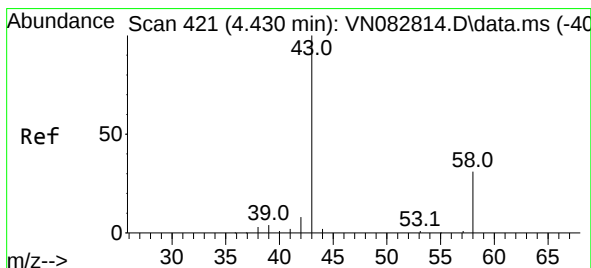
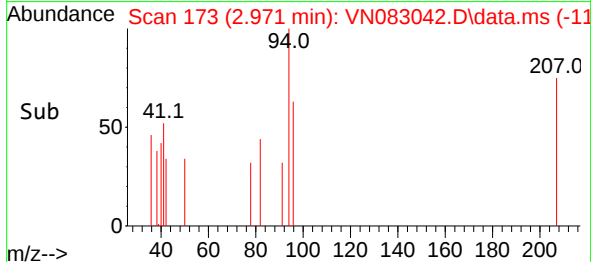
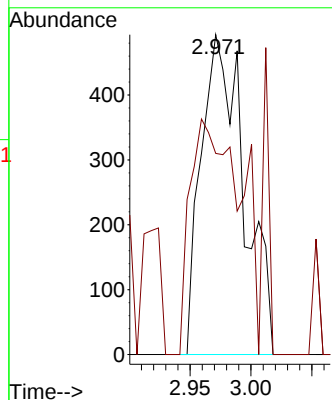
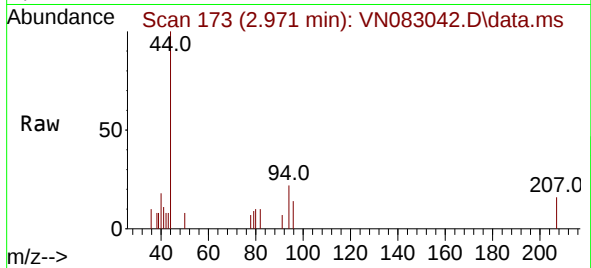




#5
Bromomethane
Concen: 0.809 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

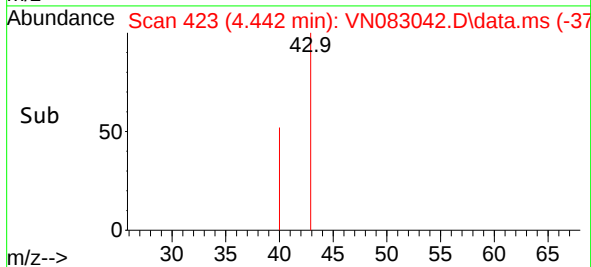
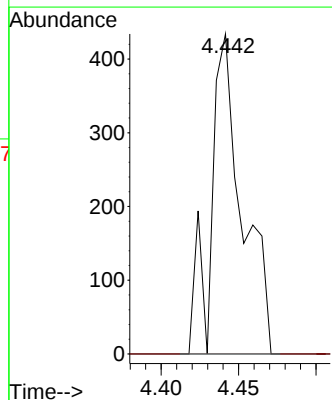
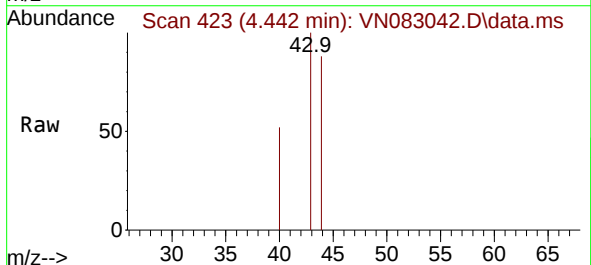
Instrument :
MSVOA_N
ClientSampleId :

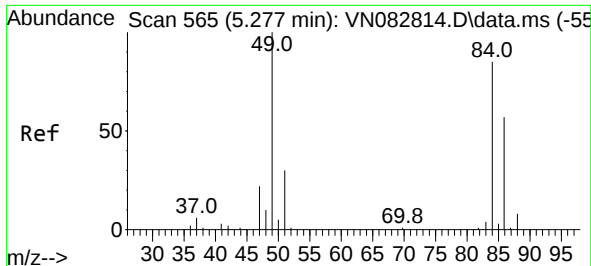
Tgt Ion: 94 Resp: 1200
Ion Ratio Lower Upper
94 100
96 62.9 78.0 117.0#



#16
Acetone
Concen: 0.773 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

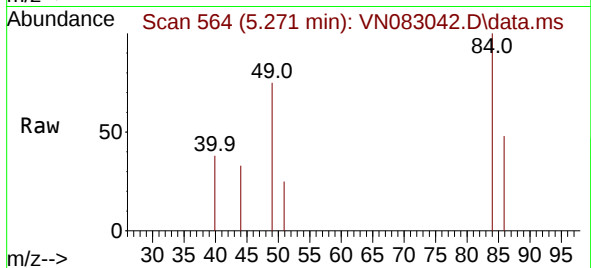
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



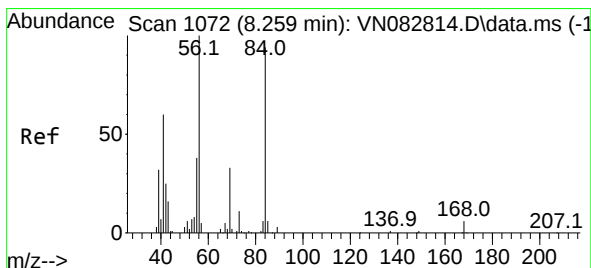
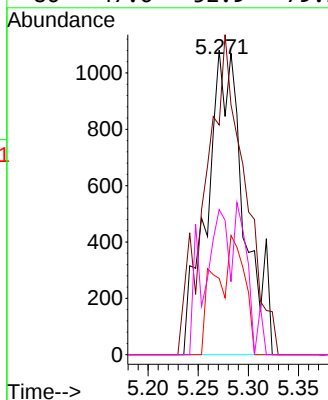
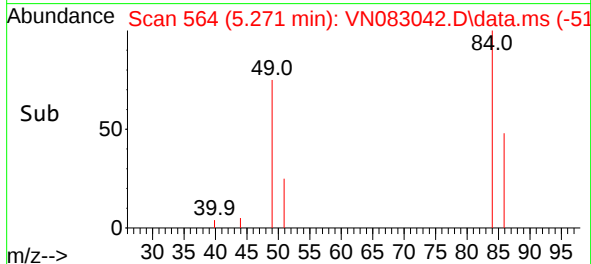


#20
Methylene Chloride
Concen: 1.462 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

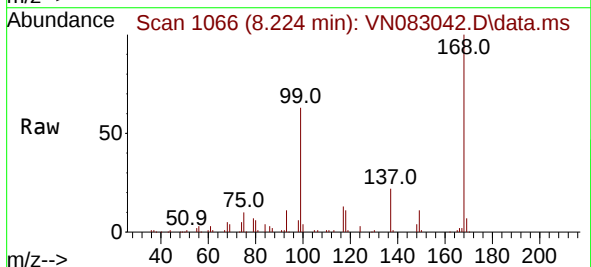
Instrument :
MSVOA_N
ClientSampleId :



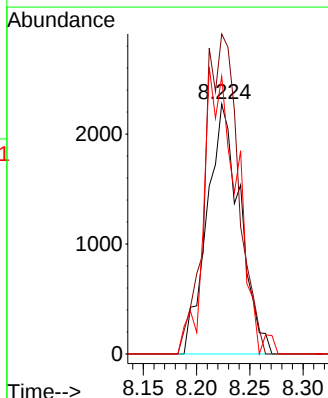
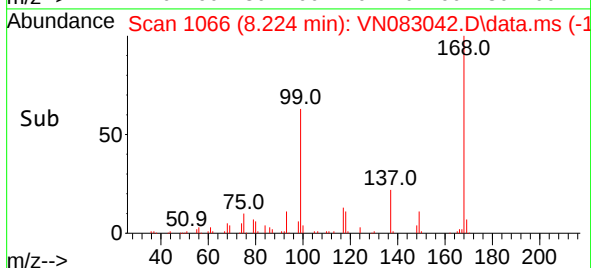
Tgt Ion:	84	Resp:	2781
Ion	Ratio	Lower	Upper
84	100		
49	75.4	119.6	179.4#
51	25.1	34.8	52.2#
86	47.6	52.9	79.3#

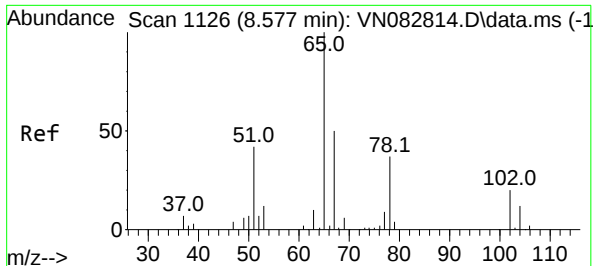


#31
Cyclohexane
Concen: 1.676 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10



Tgt Ion:	56	Resp:	4902
Ion	Ratio	Lower	Upper
56	100		
69	128.0	24.5	36.7#
84	111.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.753 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083042.D

Acq: 26 Jul 2024 11:10

Instrument :

MSVOA_N

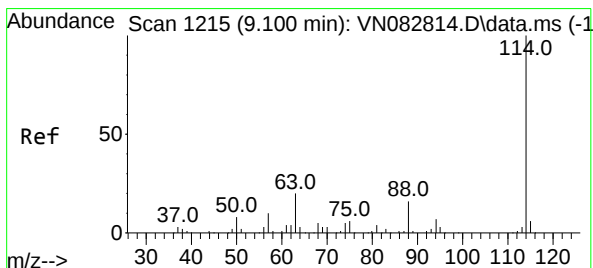
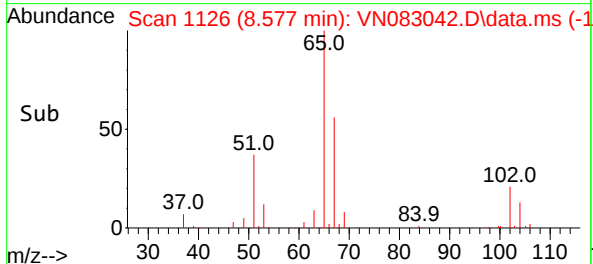
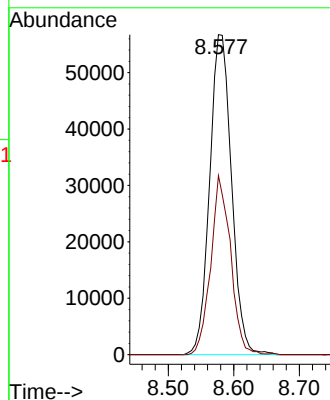
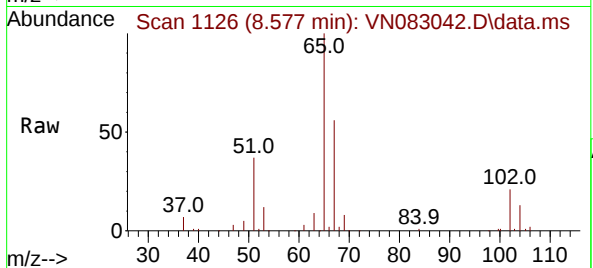
ClientSampleId :

Tgt Ion: 65 Resp: 131445

Ion Ratio Lower Upper

65 100

67 50.7 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: VN083042.D

Acq: 26 Jul 2024 11:10

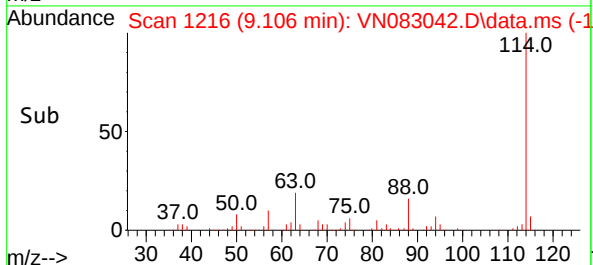
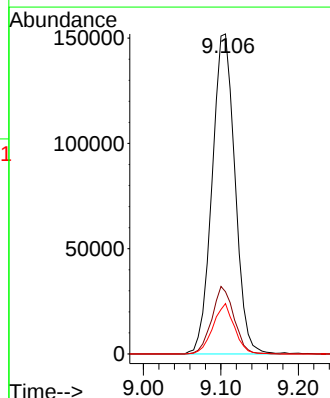
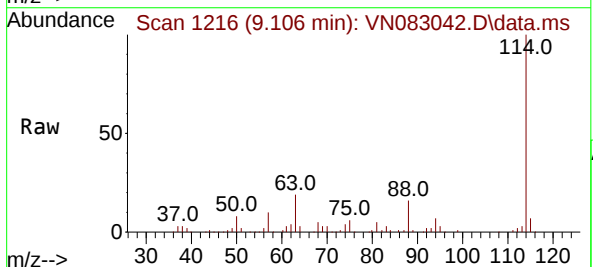
Tgt Ion: 114 Resp: 311389

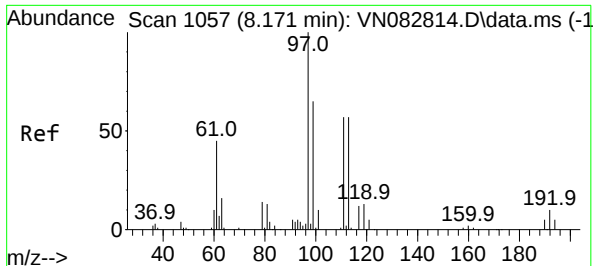
Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.6

88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.925 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

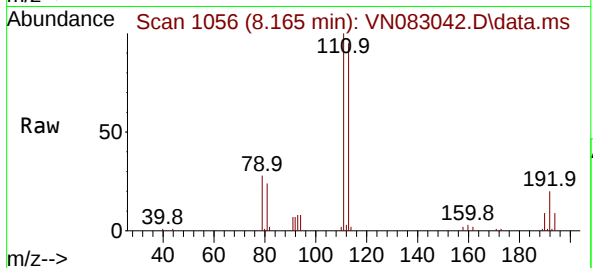
Lab File: VN083042.D

Acq: 26 Jul 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :



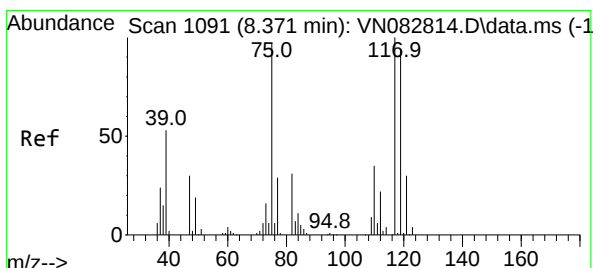
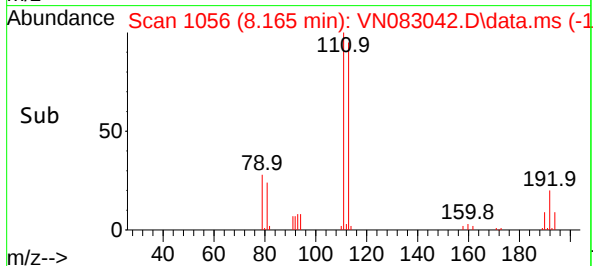
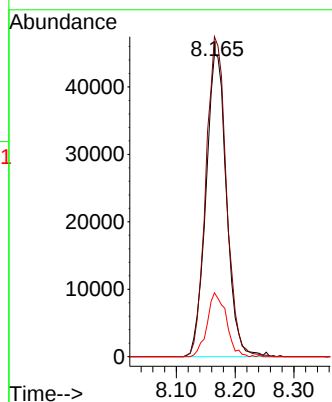
Tgt Ion:113 Resp: 109746

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

192 19.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.097 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083042.D

Acq: 26 Jul 2024 11:10

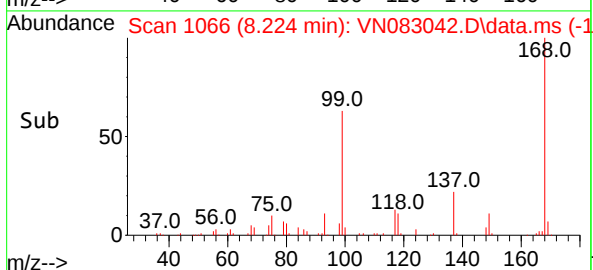
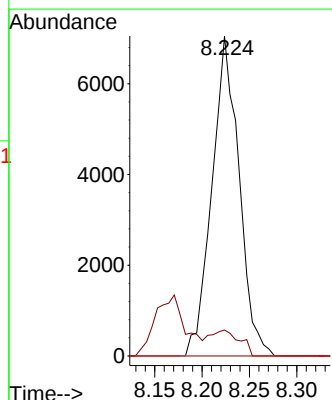
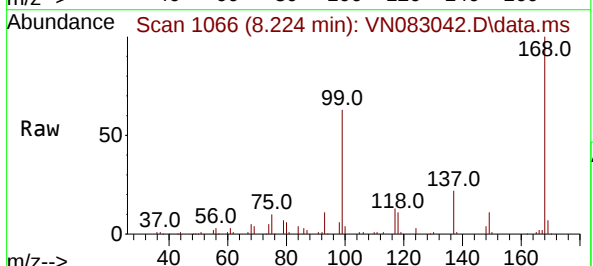
Tgt Ion: 75 Resp: 14041

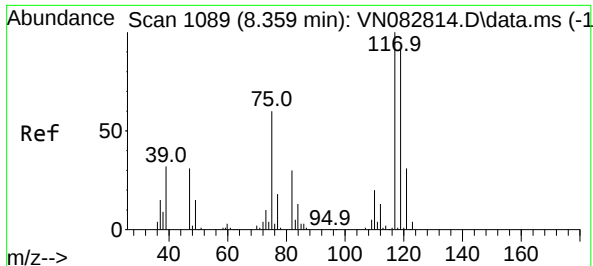
Ion Ratio Lower Upper

75 100

110 9.0 16.3 48.9#

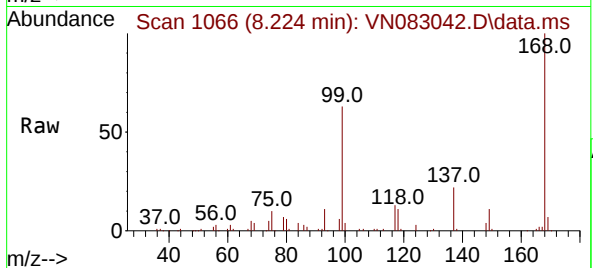
77 0.0 24.6 37.0#



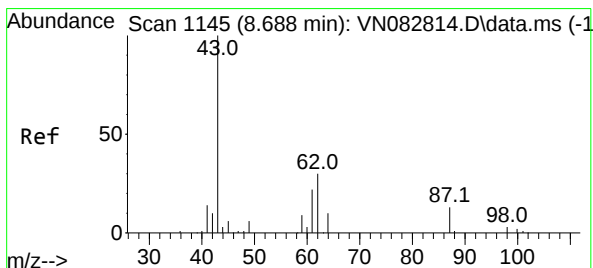
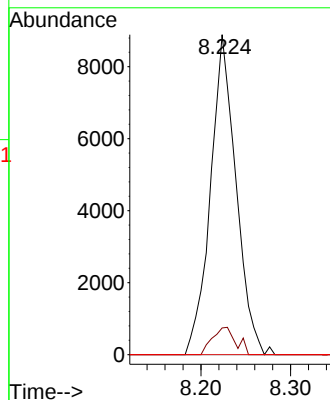
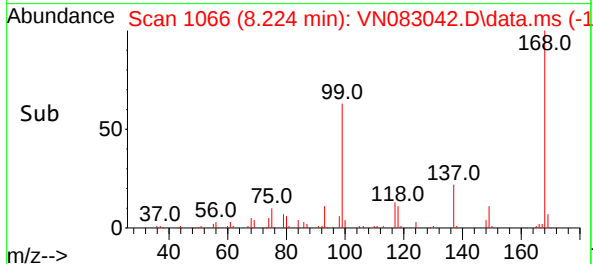


#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

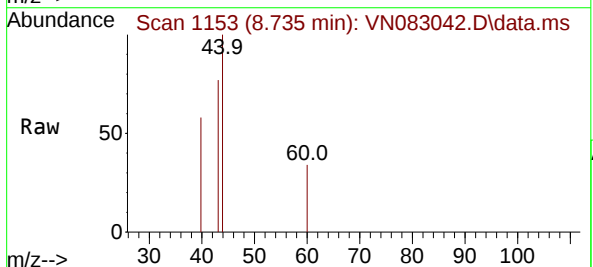
Instrument :
MSVOA_N
ClientSampleId :



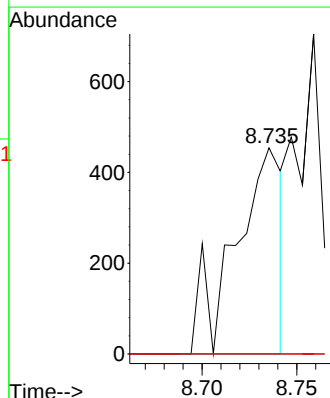
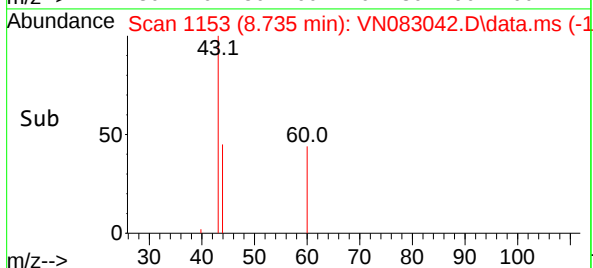
Tgt Ion:117 Resp: 17640
Ion Ratio Lower Upper
117 100
119 8.3 74.9 112.3#
121 0.0 24.3 36.5#

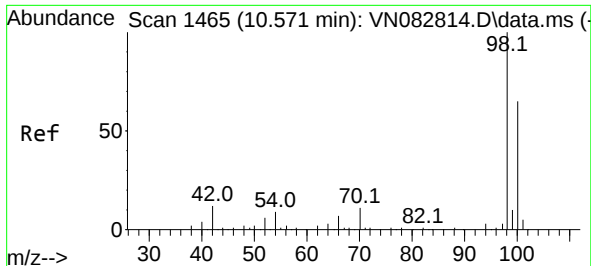


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.735 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10



Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

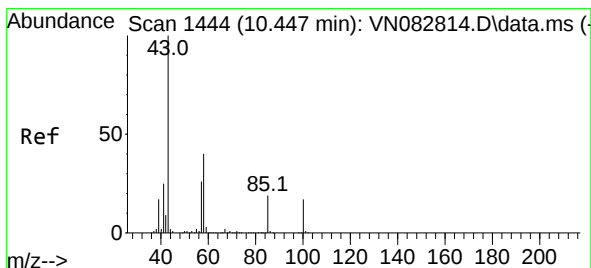
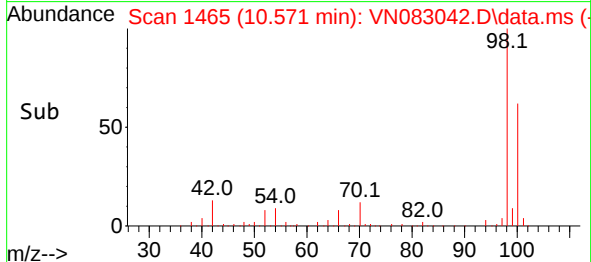
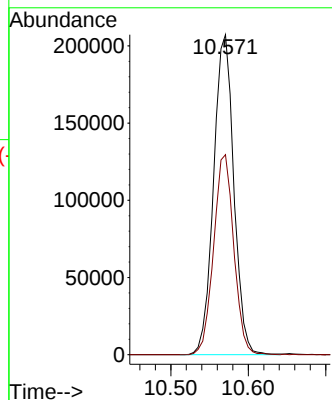
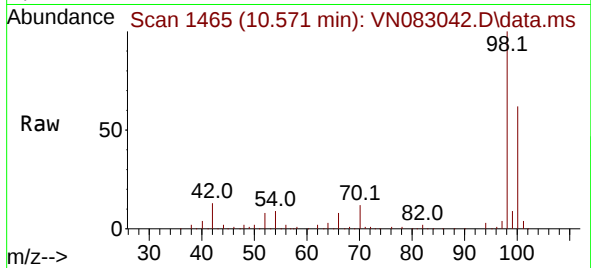




#50
Toluene-d8
Concen: 50.958 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

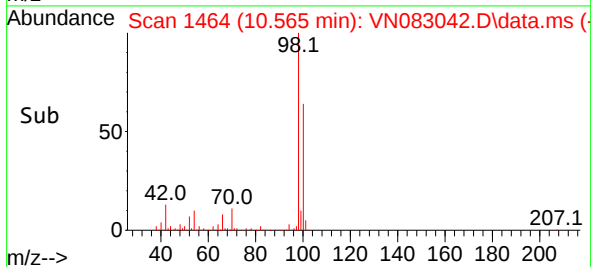
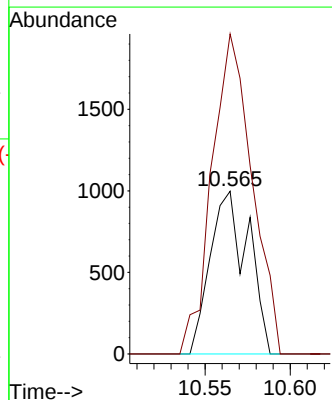
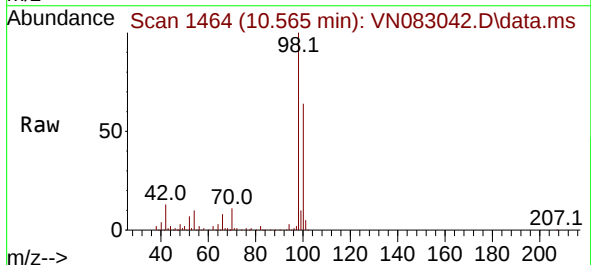
Instrument :
MSVOA_N
ClientSampleId :

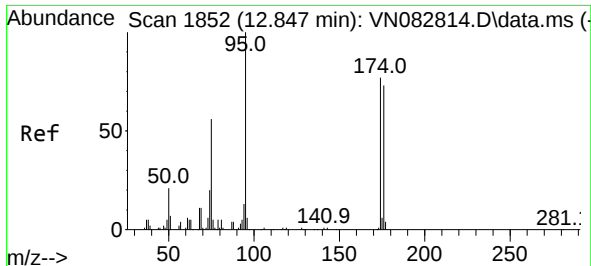
Tgt Ion: 98 Resp: 376069
Ion Ratio Lower Upper
98 100
100 62.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 207.5 28.2 42.4#

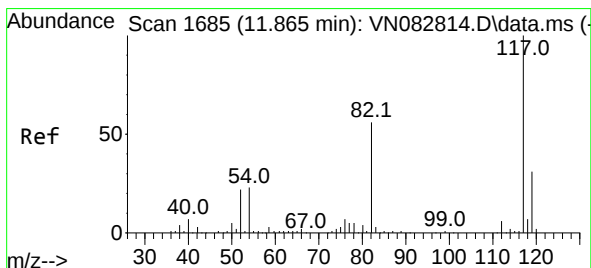
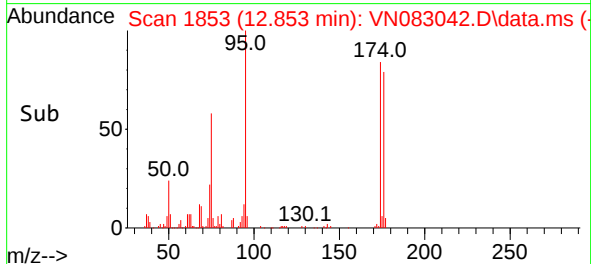
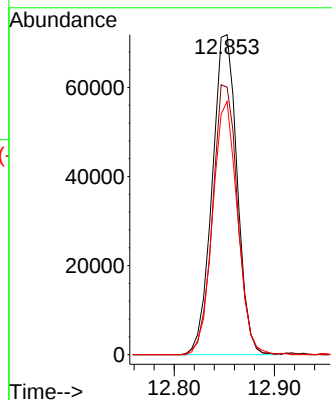
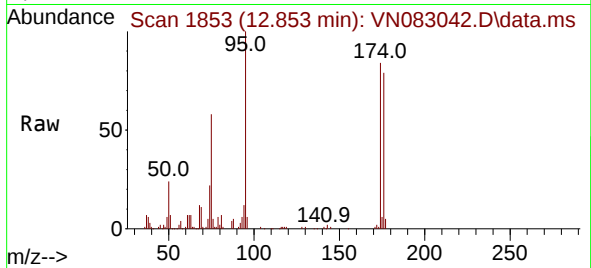




#62
4-Bromofluorobenzene
Concen: 46.758 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

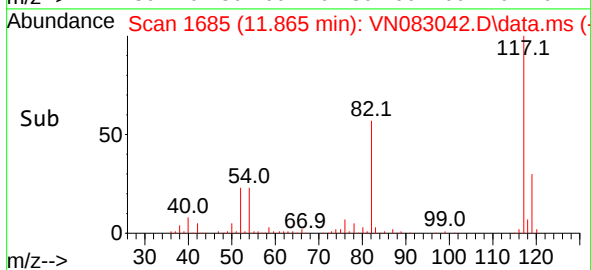
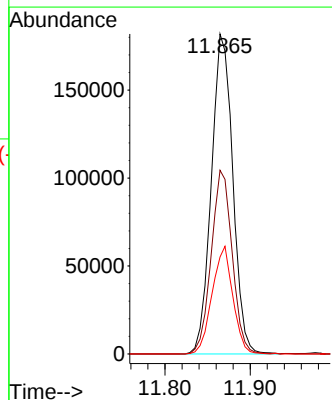
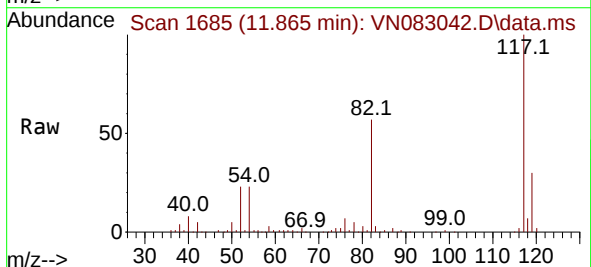
Instrument :
MSVOA_N
ClientSampleId :

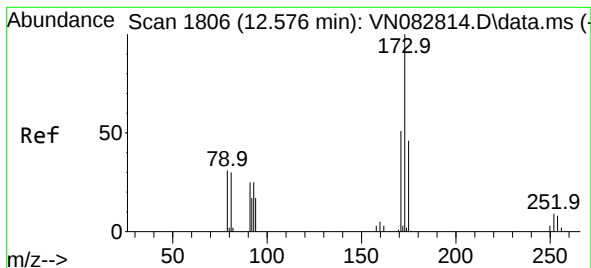
Tgt Ion: 95 Resp: 123954
Ion Ratio Lower Upper
95 100
174 84.6 0.0 159.2
176 79.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Tgt Ion: 117 Resp: 318017
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 30.3 25.6 38.4





#71

Bromoform

Concen: 0.678 ug/l

RT: 12.853 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN083042.D

Acq: 26 Jul 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

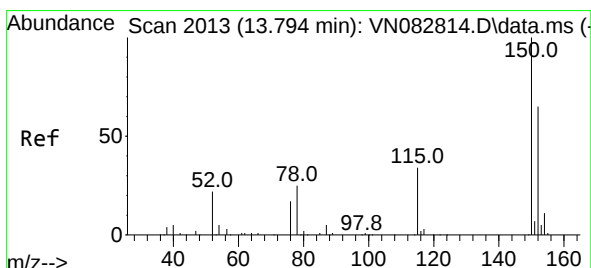
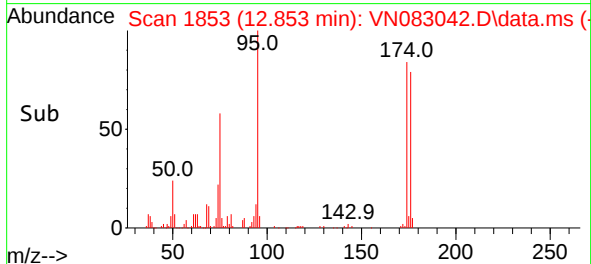
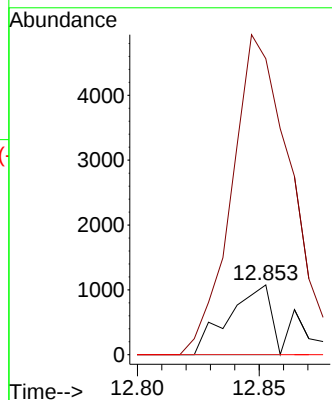
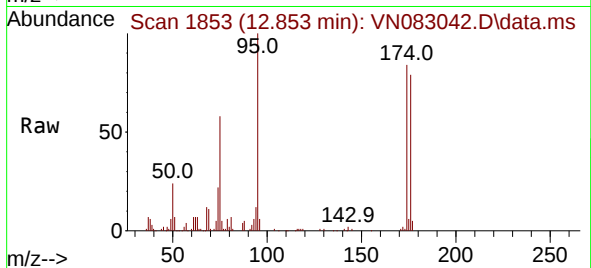
Tgt Ion:173 Resp: 1293

Ion Ratio Lower Upper

173 100

175 512.5 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: VN083042.D

Acq: 26 Jul 2024 11:10

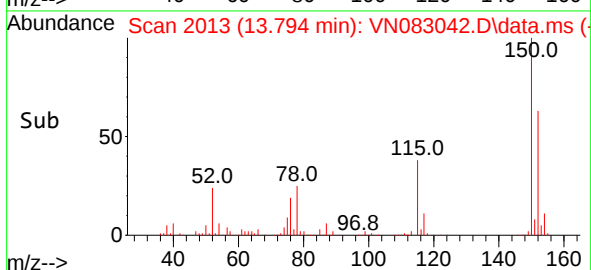
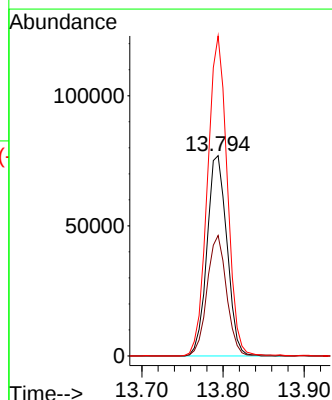
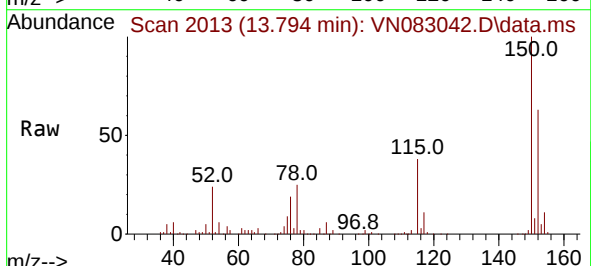
Tgt Ion:152 Resp: 131459

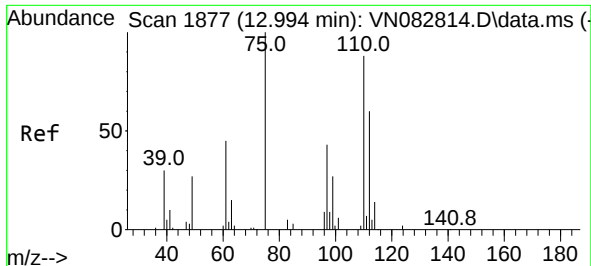
Ion Ratio Lower Upper

152 100

115 58.6 30.6 91.6

150 157.9 0.0 348.6

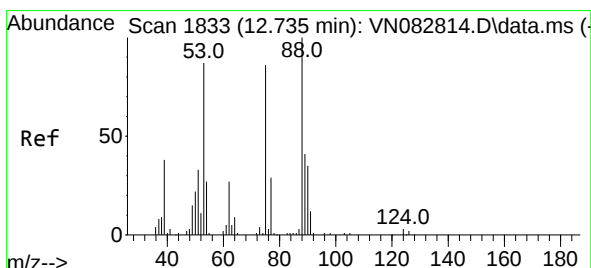
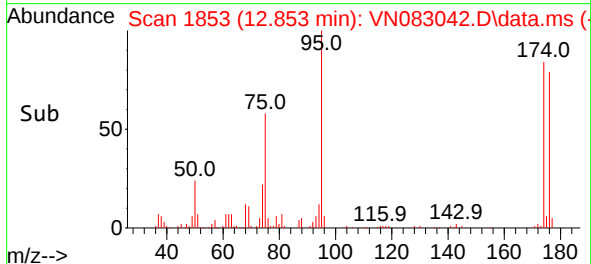
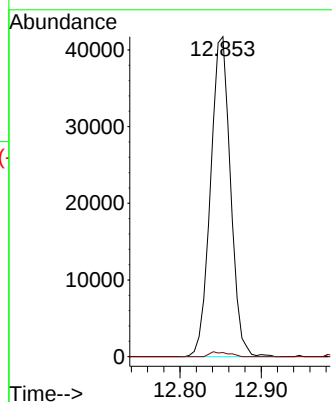
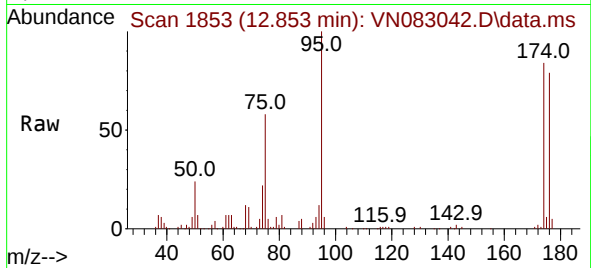




#76
1,2,3-Trichloropropane
Concen: 31.443 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

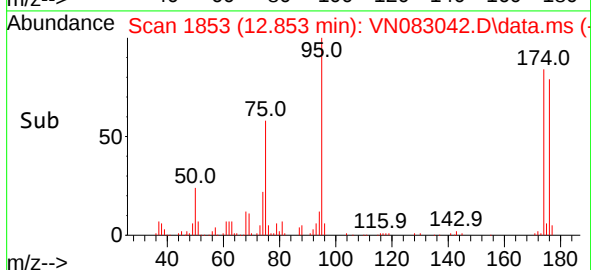
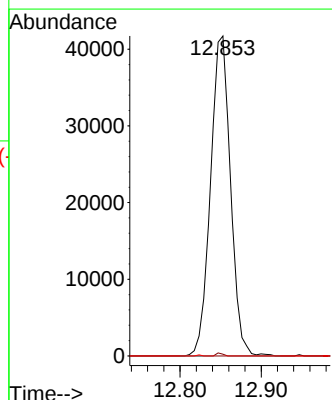
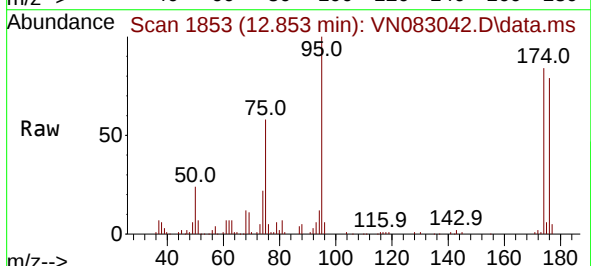
Instrument :
MSVOA_N
ClientSampleId :

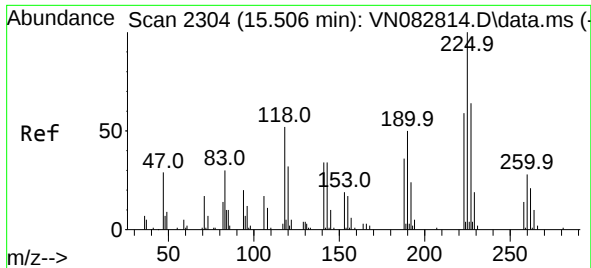
Tgt Ion: 75 Resp: 71263
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

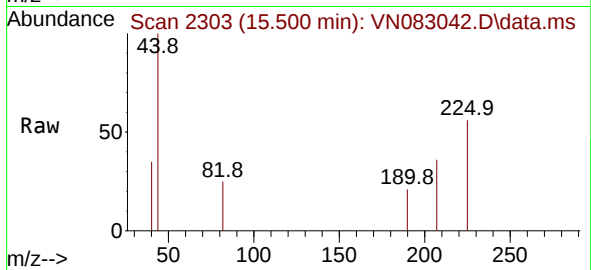
Tgt Ion: 75 Resp: 71263
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#





#94
 Hexachlorobutadiene
 Concen: 0.313 ug/l
 RT: 15.500 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VN083042.D
 Acq: 26 Jul 2024 11:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:225 Resp: 323
 Ion Ratio Lower Upper
 225 100
 223 24.8 31.9 95.7#
 227 17.0 32.5 97.5#

