

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082755.D
 Acq On : 01 Jul 2024 10:51
 Operator : JC\MD
 Sample : VN0701MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 00:03:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

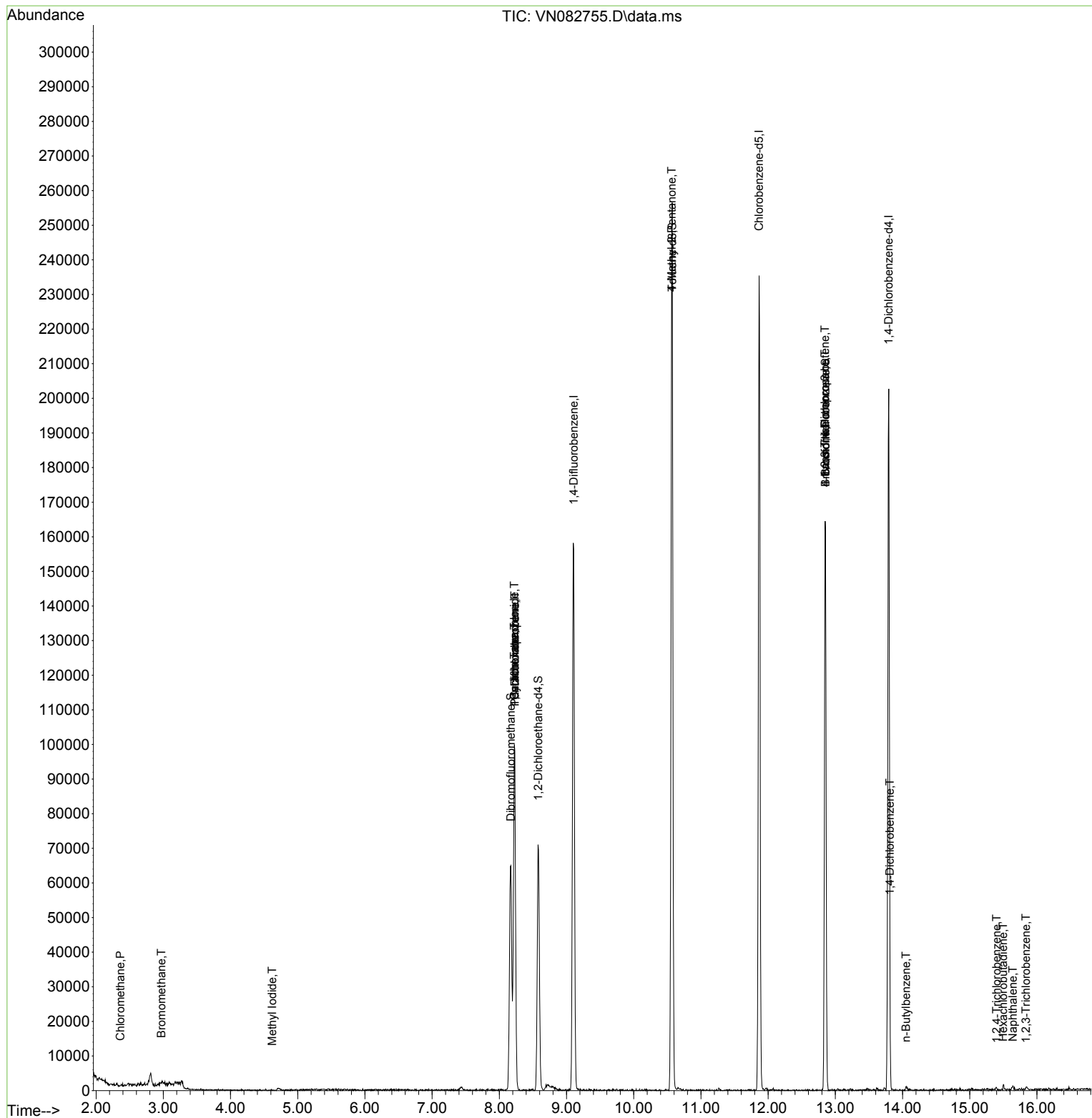
Internal Standards						
1) Pentafluorobenzene	8.230	168	70658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	135963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	130491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	51756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57383	52.662	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.320%	
35) Dibromofluoromethane	8.171	113	47667	53.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.500%	
50) Toluene-d8	10.571	98	174826	52.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.853	95	54473	47.381	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	287	0.254	ug/l #	43
5) Bromomethane	2.971	94	421	0.495	ug/l #	50
10) Methyl Iodide	4.618	142	261	0.336	ug/l #	38
31) Cyclohexane	8.224	56	1874	1.221	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	6004	4.666	ug/l #	52
38) Carbon Tetrachloride	8.224	117	7145	4.748	ug/l #	20
43) Isopropyl Acetate	8.706	43	1129	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	888	0.624	ug/l #	1
71) Bromoform	12.853	173	313	0.393	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	30982	27.444	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	30982	71.571	ug/l #	6
88) 1,4-Dichlorobenzene	13.812	146	425	0.227	ug/l #	1
89) n-Butylbenzene	14.053	91	922	0.355	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.400	180	605	0.726	ug/l #	70
94) Hexachlorobutadiene	15.494	225	394	1.046	ug/l	83
95) Naphthalene	15.641	128	1944	0.703	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	615	0.692	ug/l #	58

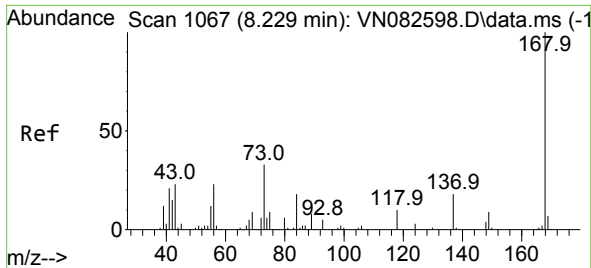
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0701MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

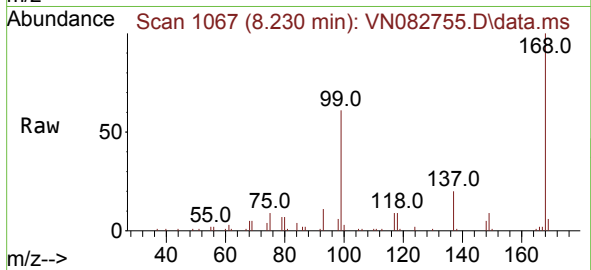
Quant Time: Jul 02 00:03:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



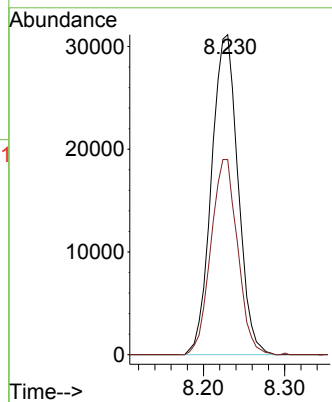
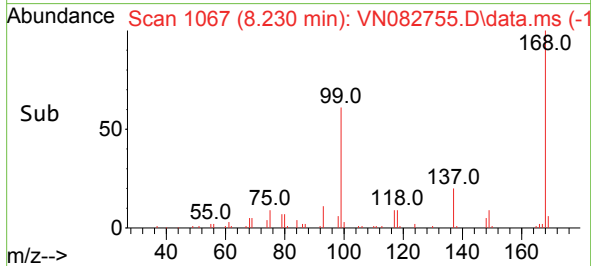


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

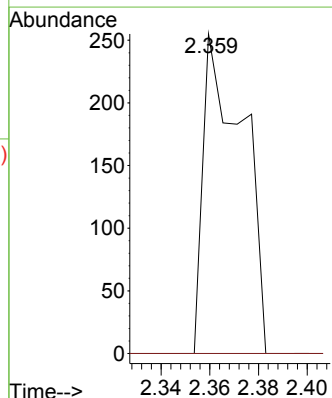
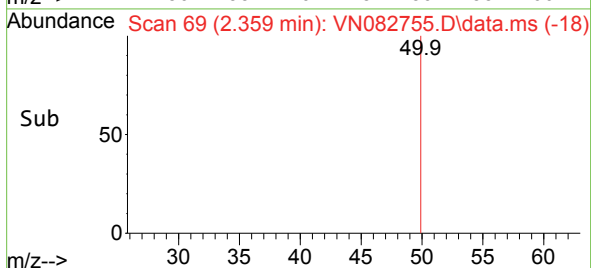
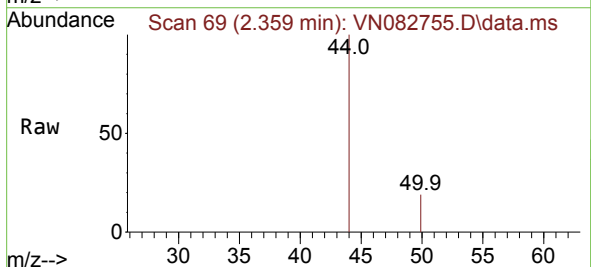


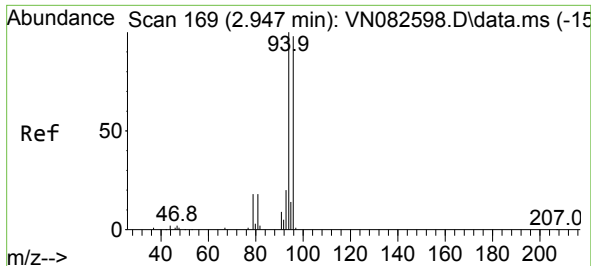
Tgt Ion:168 Resp: 70658
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.254 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Tgt Ion: 50 Resp: 287
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

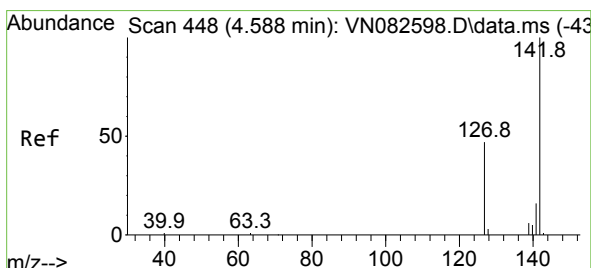
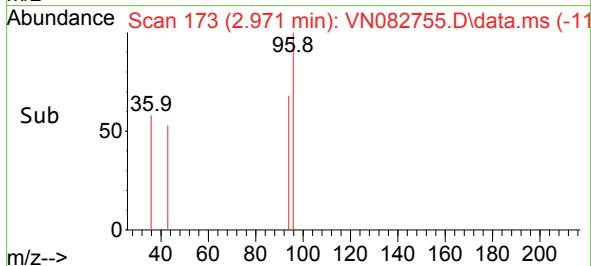
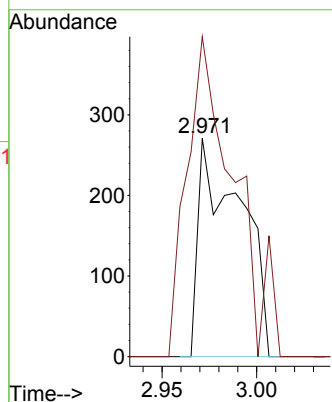
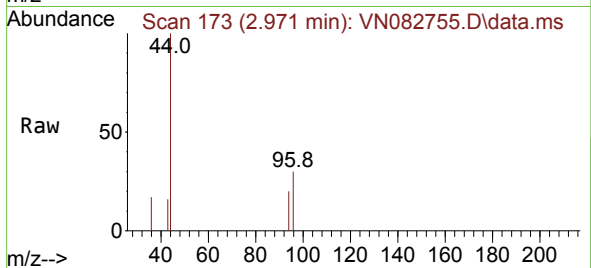




#5
Bromomethane
Concen: 0.495 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

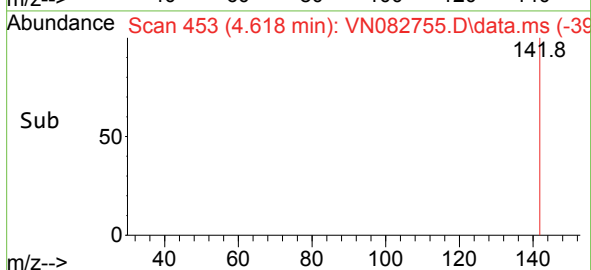
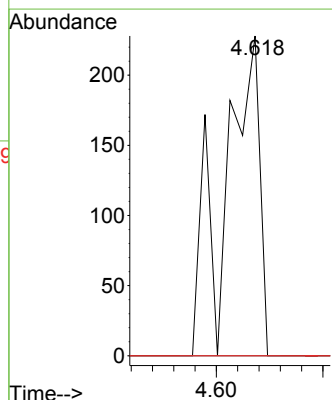
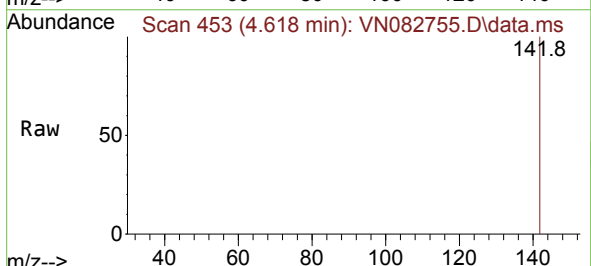
Instrument :
MSVOA_N
ClientSampleId :

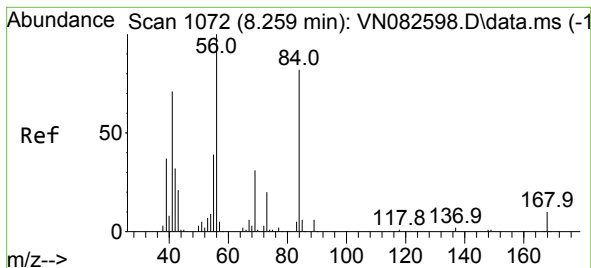
Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 146.5 78.0 117.0#



#10
Methyl Iodide
Concen: 0.336 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.030 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

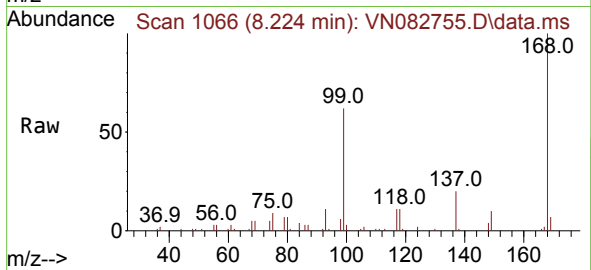
Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



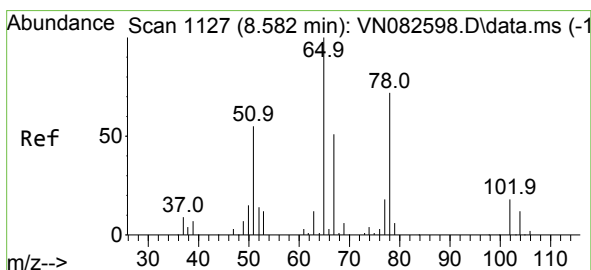
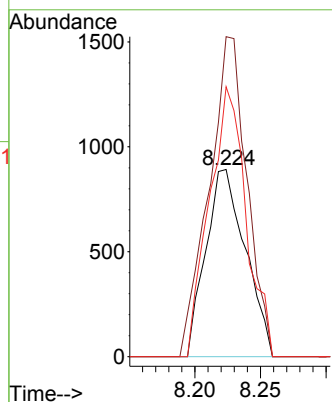
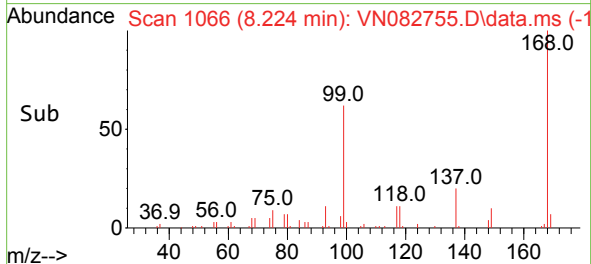


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

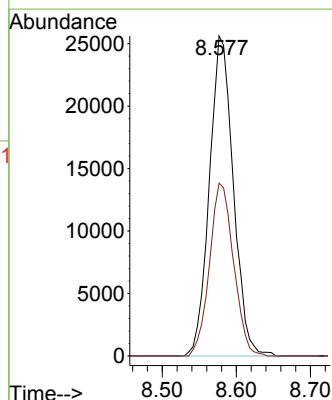
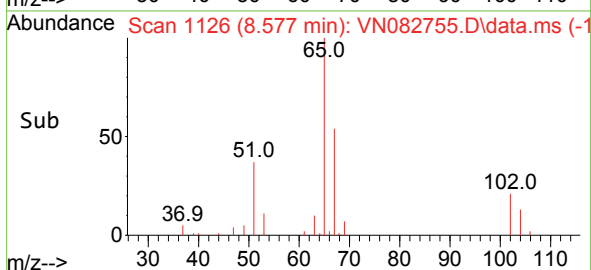
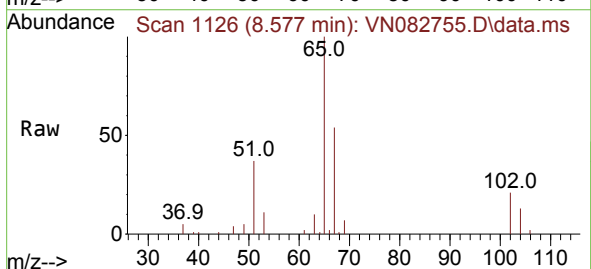


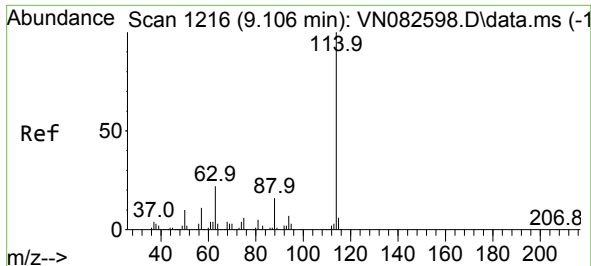
Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
69 171.0 24.5 36.7#
84 144.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 52.662 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

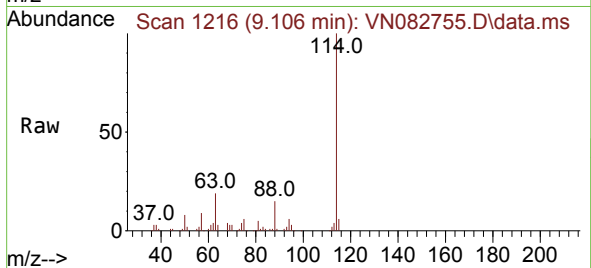
Tgt Ion: 65 Resp: 57383
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.4



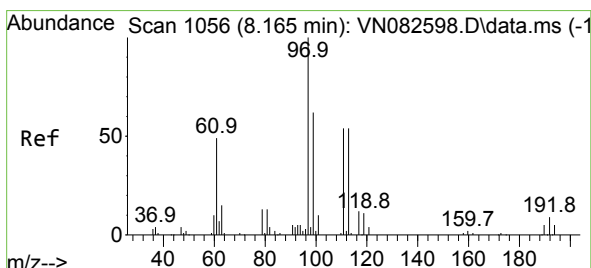
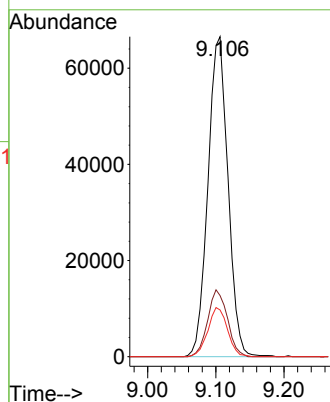
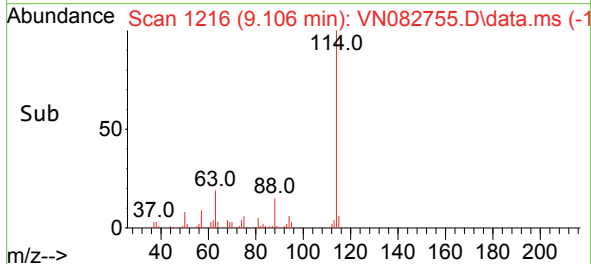


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

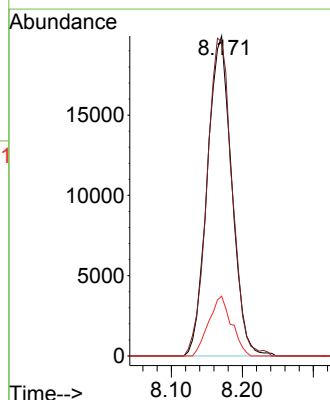
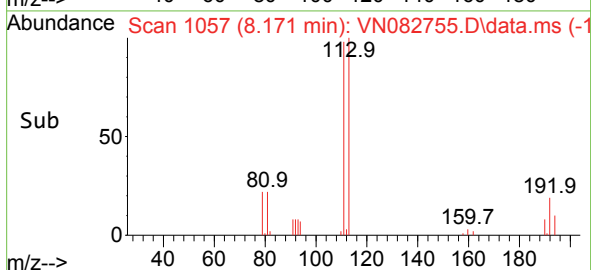
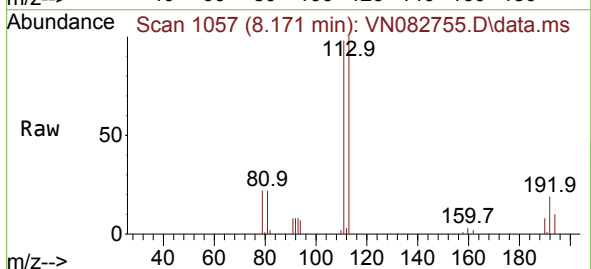


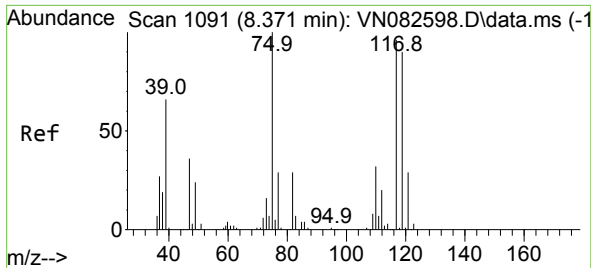
Tgt Ion:114 Resp: 135963
Ion Ratio Lower Upper
114 100
63 19.1 0.0 44.6
88 14.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.249 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

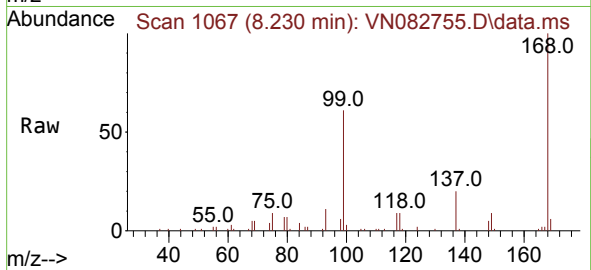
Tgt Ion:113 Resp: 47667
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 17.5 14.9 22.3



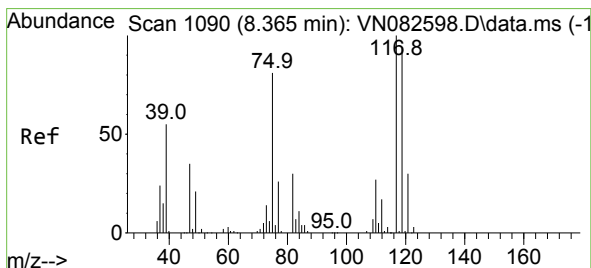
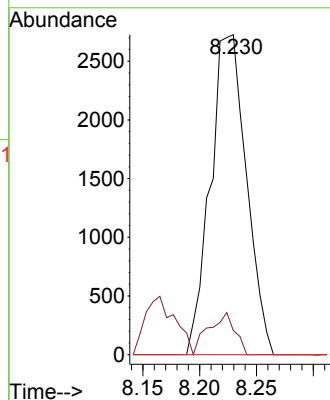
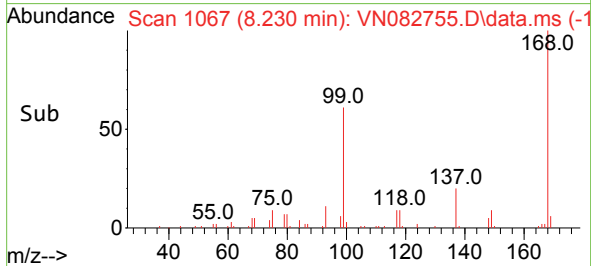


#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

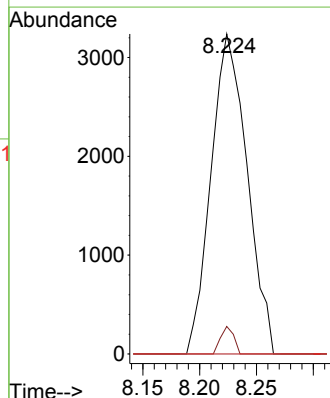
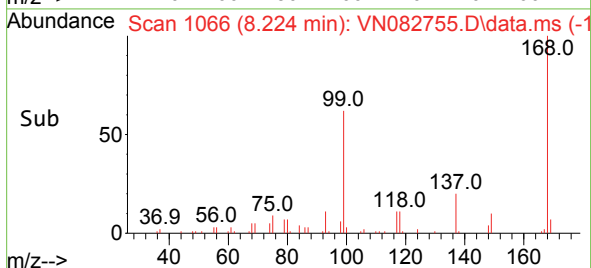
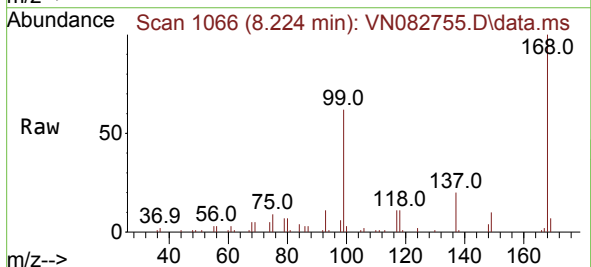


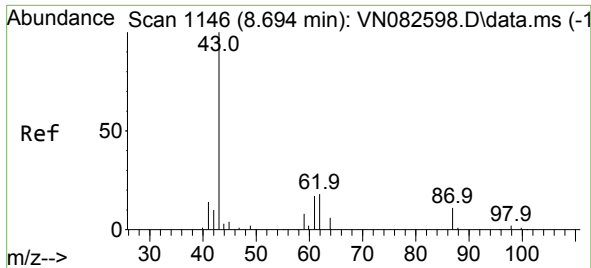
Tgt Ion: 75 Resp: 6004
Ion Ratio Lower Upper
75 100
110 9.6 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.748 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Tgt Ion: 117 Resp: 7145
Ion Ratio Lower Upper
117 100
119 8.6 74.9 112.3#
121 0.0 24.3 36.5#

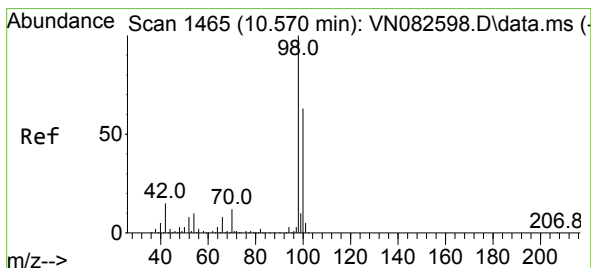
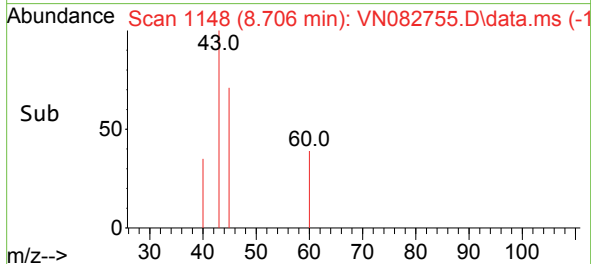
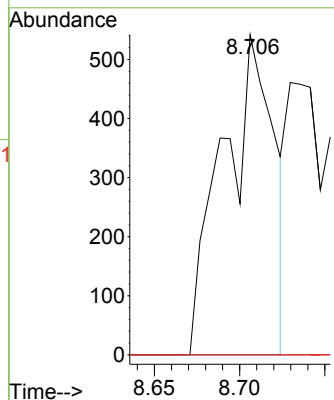
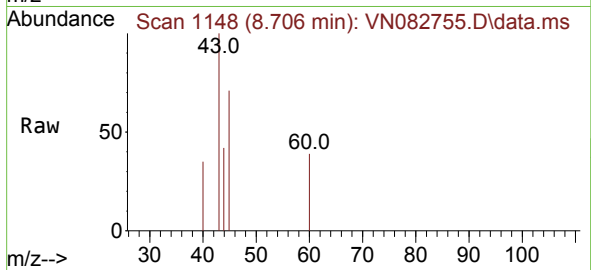




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

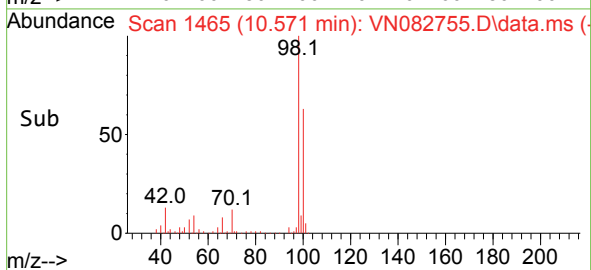
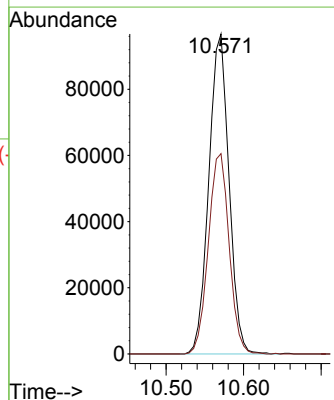
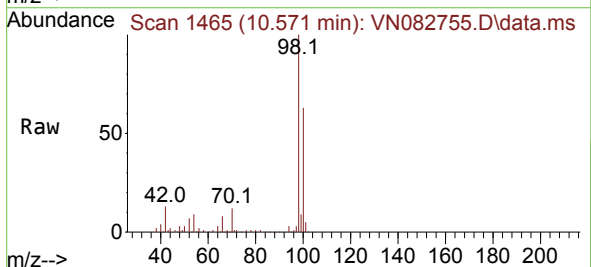
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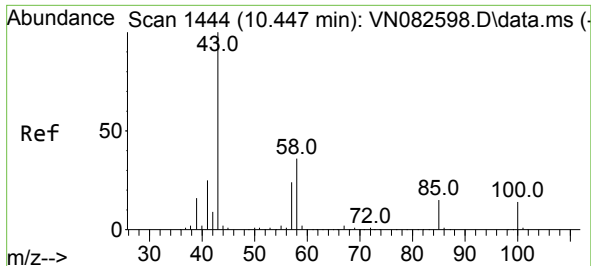
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 52.222 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

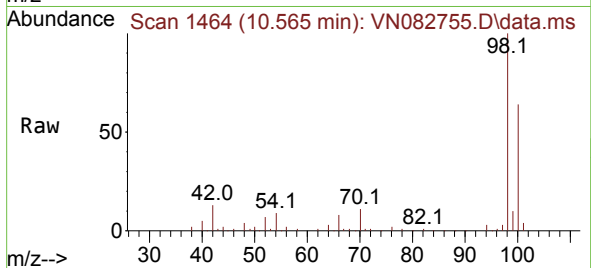
Tgt Ion: 98 Resp: 174826
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



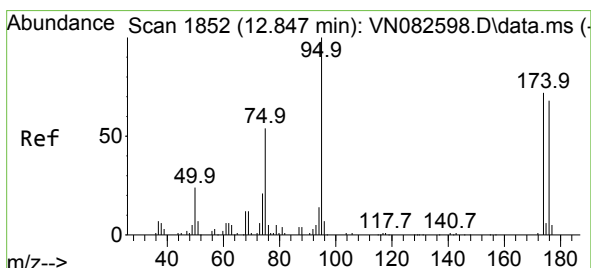
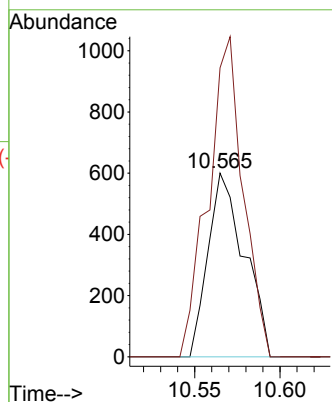
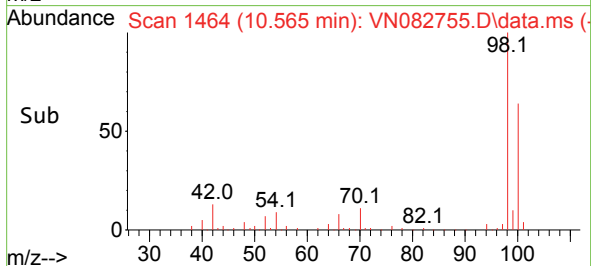


#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

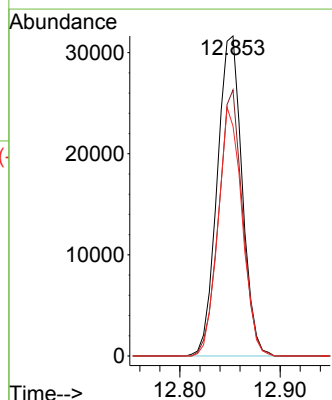
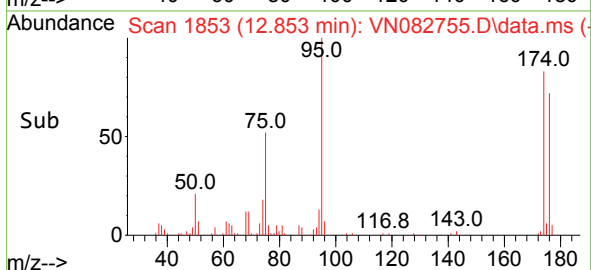
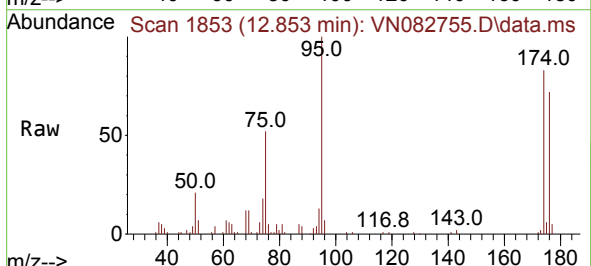


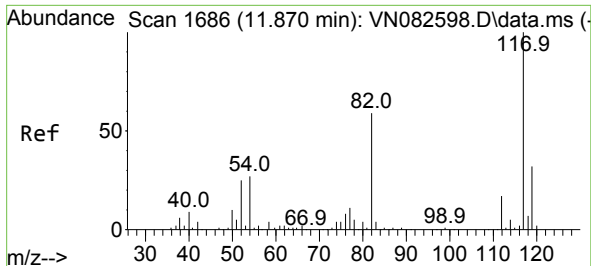
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 168.4 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

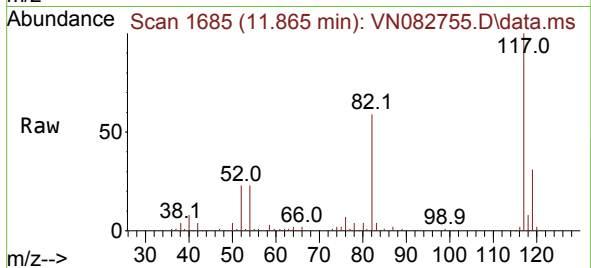
Tgt Ion: 95 Resp: 54473
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 75.1 0.0 147.6



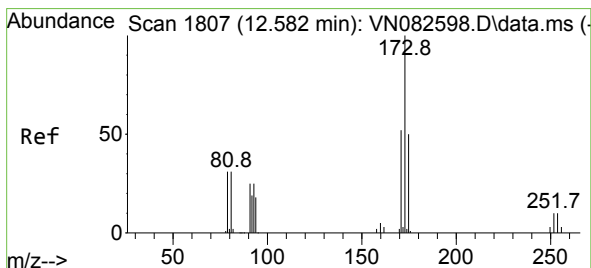
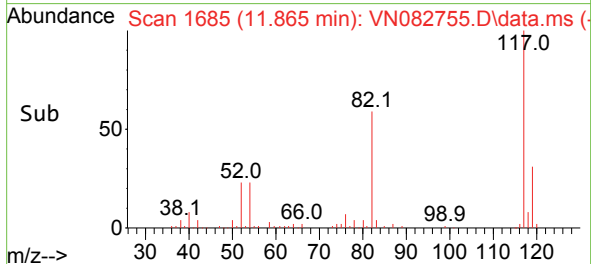
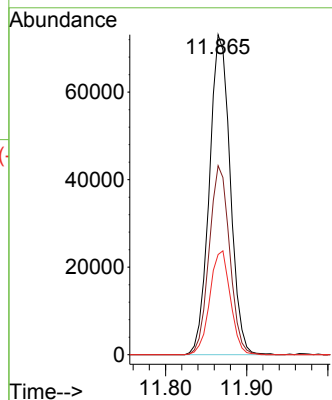


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

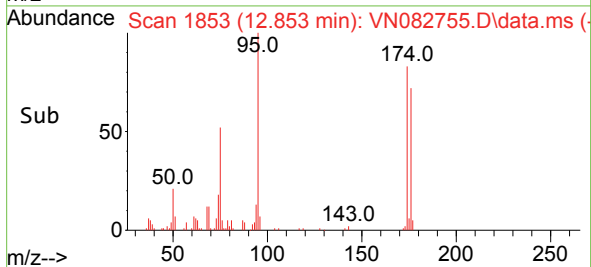
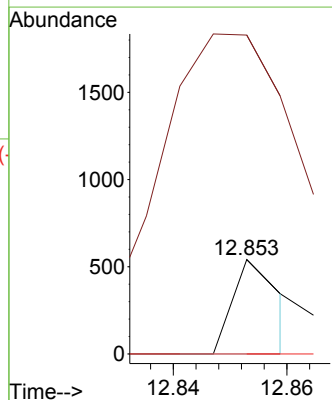
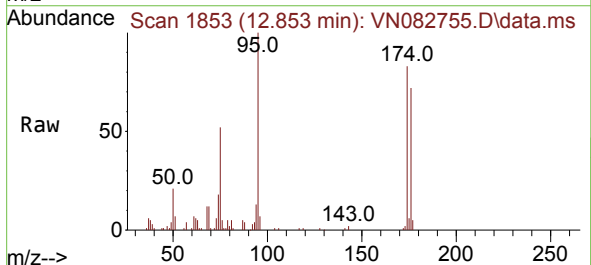


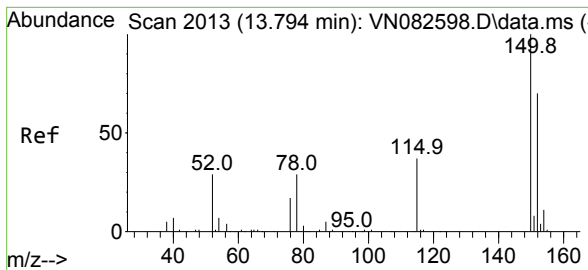
Tgt Ion:117 Resp: 130491
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.3 25.6 38.4



#71
Bromoform
Concen: 0.393 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

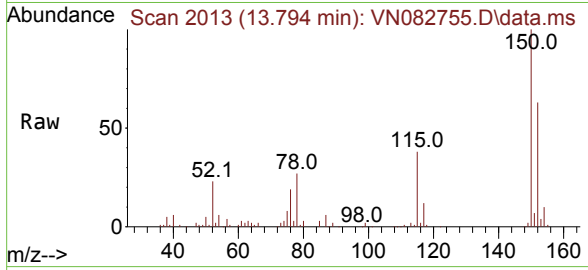
Tgt Ion:173 Resp: 313
Ion Ratio Lower Upper
173 100
175 878.0 24.0 72.0#
254 0.0 0.0 0.0



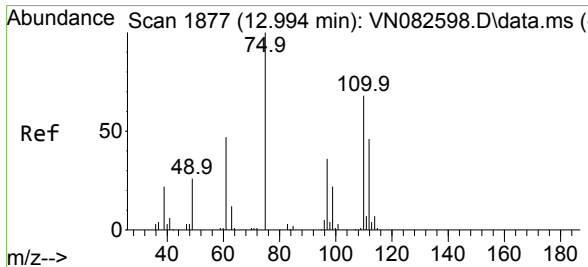
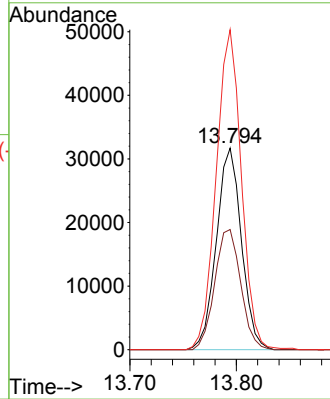
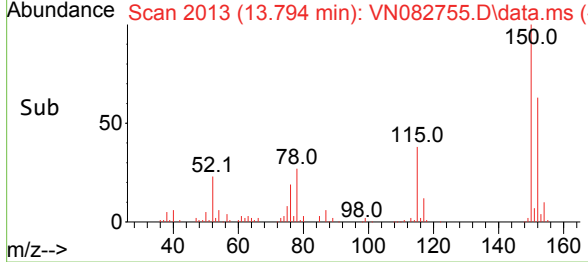


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082755.D
 Acq: 01 Jul 2024 10:51

Instrument :
 MSVOA_N
 ClientSampleId :

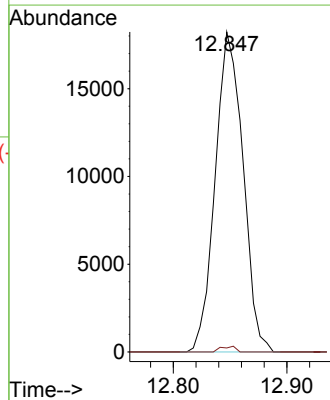
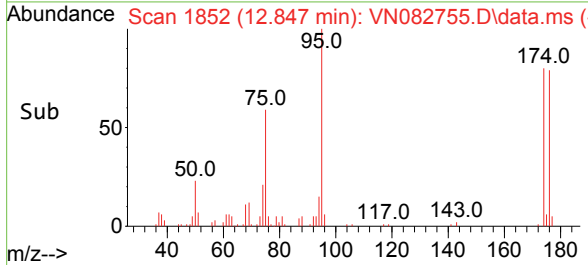
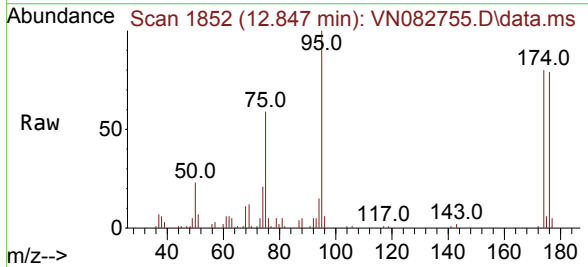


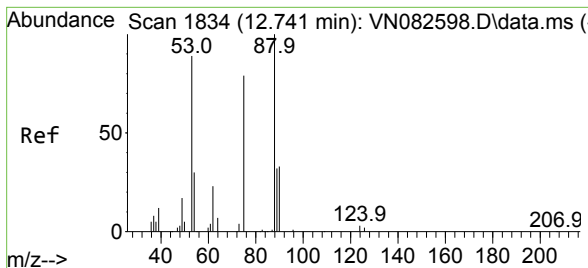
Tgt Ion:152 Resp: 51756
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.6 91.6
 150 159.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.444 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082755.D
 Acq: 01 Jul 2024 10:51

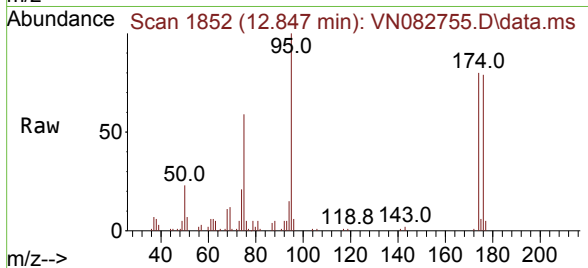
Tgt Ion: 75 Resp: 30982
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#



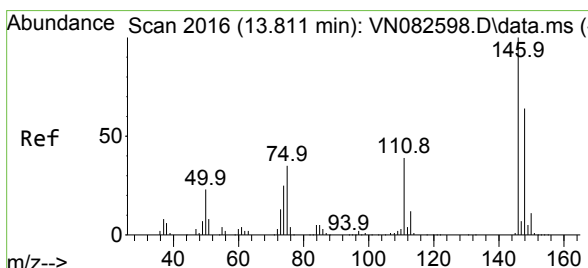
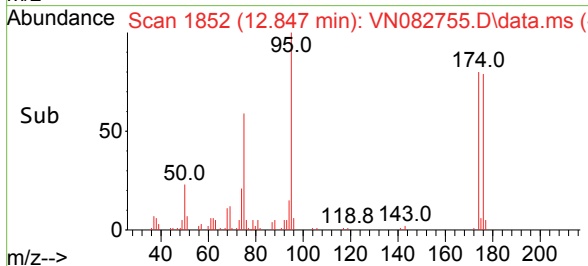
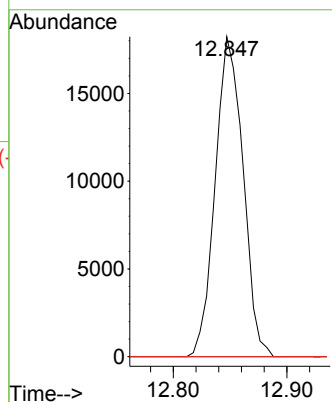


#81
trans-1,4-Dichloro-2-butene
Concen: 71.571 ug/l
RT: 12.847 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :

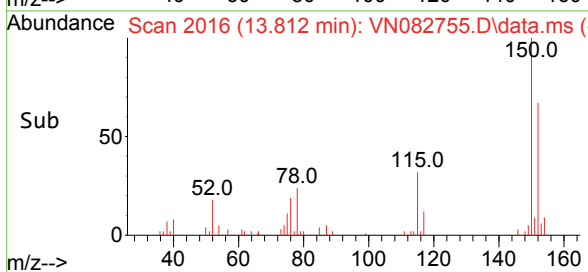
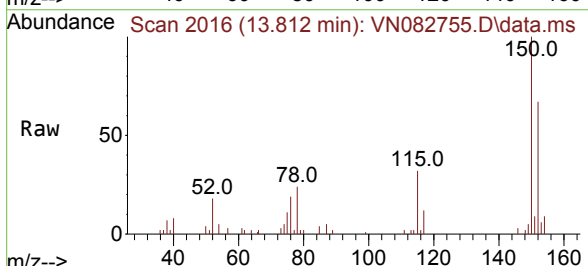
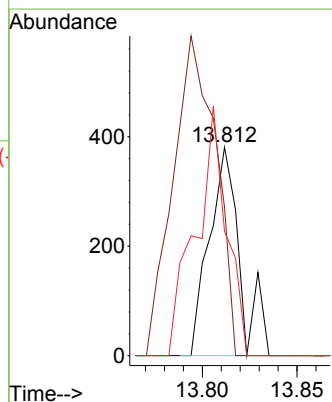


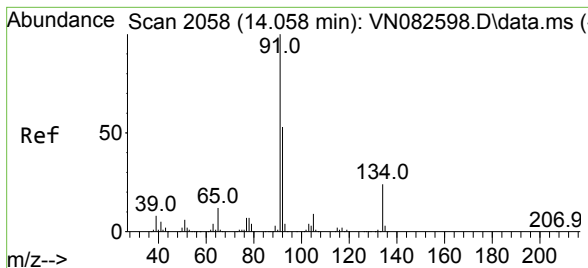
Tgt Ion: 75 Resp: 30982
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#88
1,4-Dichlorobenzene
Concen: 0.227 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082755.D
Acq: 01 Jul 2024 10:51

Tgt Ion: 146 Resp: 425
Ion Ratio Lower Upper
146 100
111 215.3 20.1 60.3#
148 121.6 32.2 96.6#





#89

n-Butylbenzene

Concen: 0.355 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.005 min

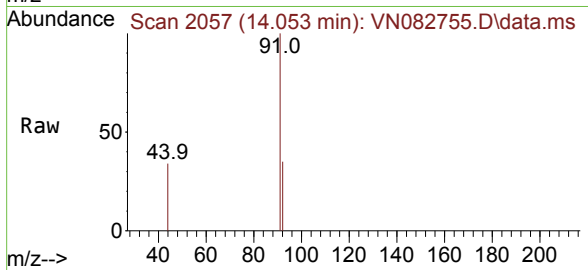
Lab File: VN082755.D

Acq: 01 Jul 2024 10:51

Instrument :

MSVOA_N

ClientSampleId :



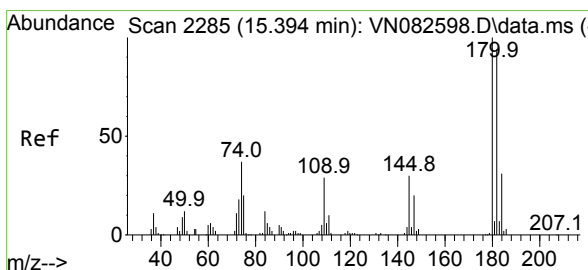
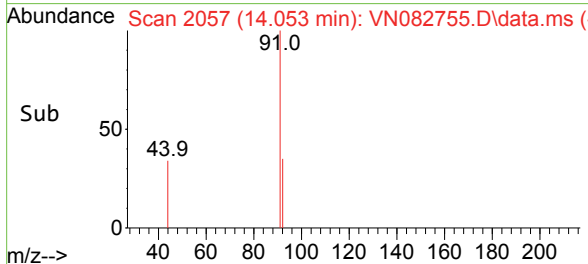
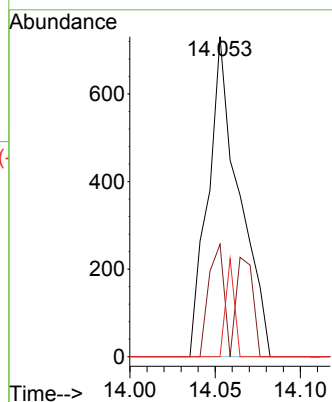
Tgt Ion: 91 Resp: 922

Ion Ratio Lower Upper

91 100

92 17.4 26.1 78.3#

134 0.0 12.1 36.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.726 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN082755.D

Acq: 01 Jul 2024 10:51

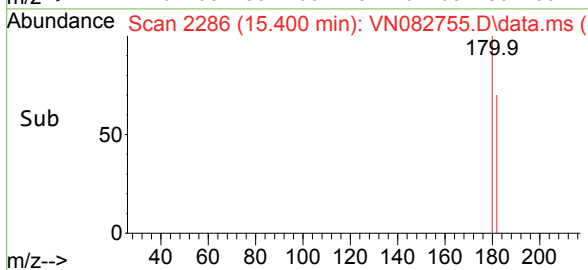
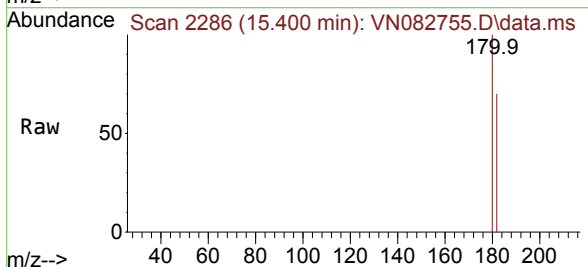
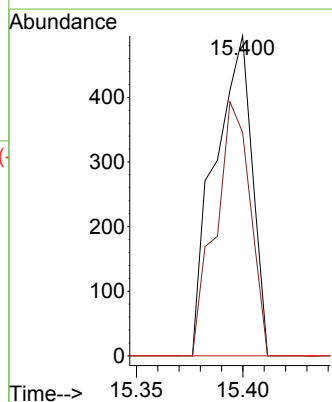
Tgt Ion: 180 Resp: 605

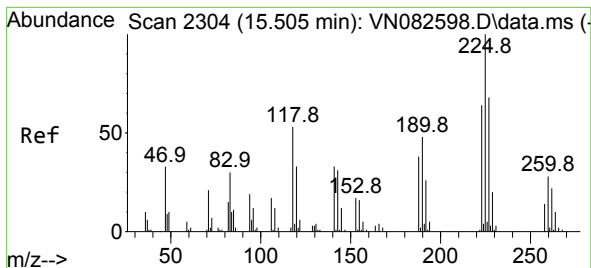
Ion Ratio Lower Upper

180 100

182 73.6 47.3 141.8

145 0.0 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 1.046 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.011 min

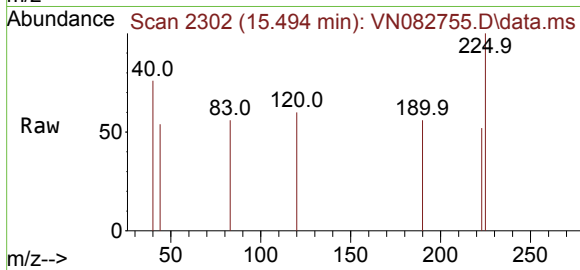
Lab File: VN082755.D

Acq: 01 Jul 2024 10:51

Instrument :

MSVOA_N

ClientSampleId :



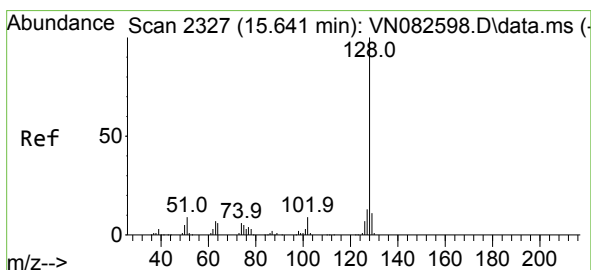
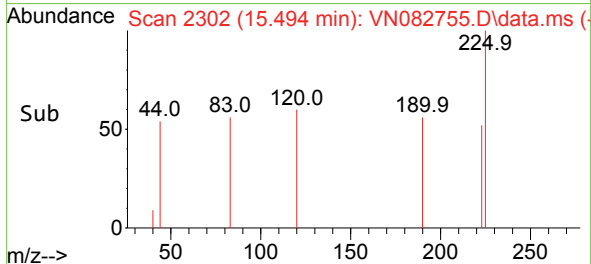
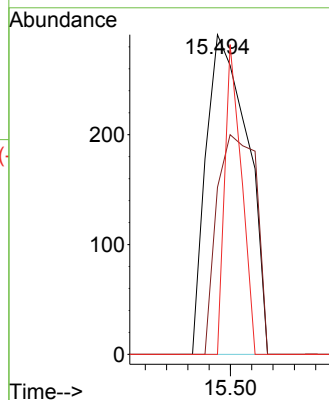
Tgt Ion:225 Resp: 394

Ion Ratio Lower Upper

225 100

223 65.2 31.9 95.7

227 39.1 32.5 97.5



#95

Naphthalene

Concen: 0.703 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082755.D

Acq: 01 Jul 2024 10:51

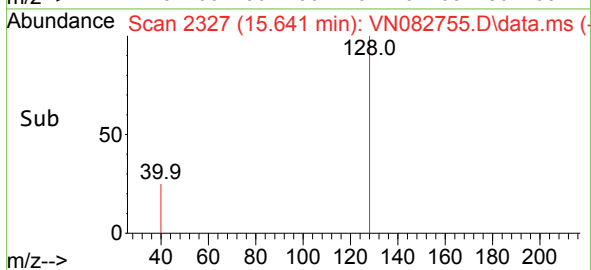
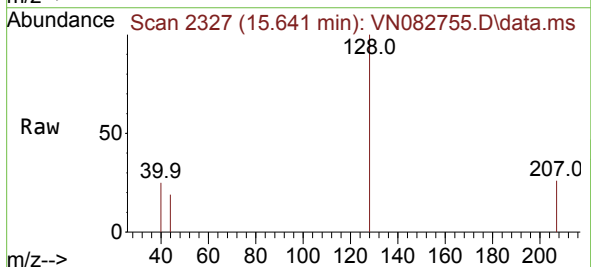
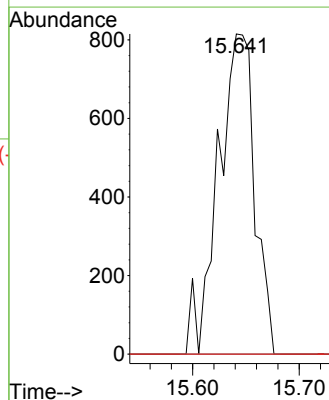
Tgt Ion:128 Resp: 1944

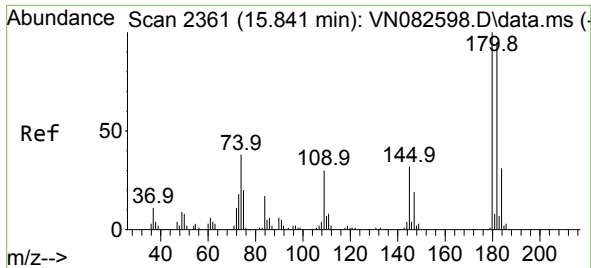
Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

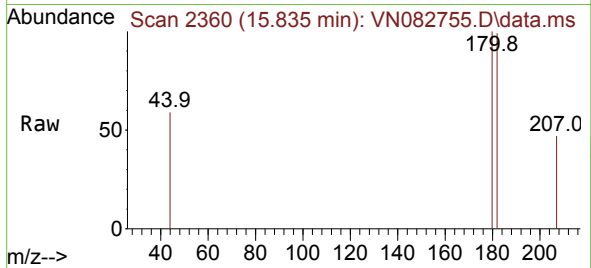
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.692 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082755.D
 Acq: 01 Jul 2024 10:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 615
 Ion Ratio Lower Upper
 180 100
 182 62.8 48.9 146.8
 145 0.0 16.8 50.4#

