

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082283.D
 Acq On : 22 May 2024 10:59
 Operator : JC\MD
 Sample : VN0522MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 23 01:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

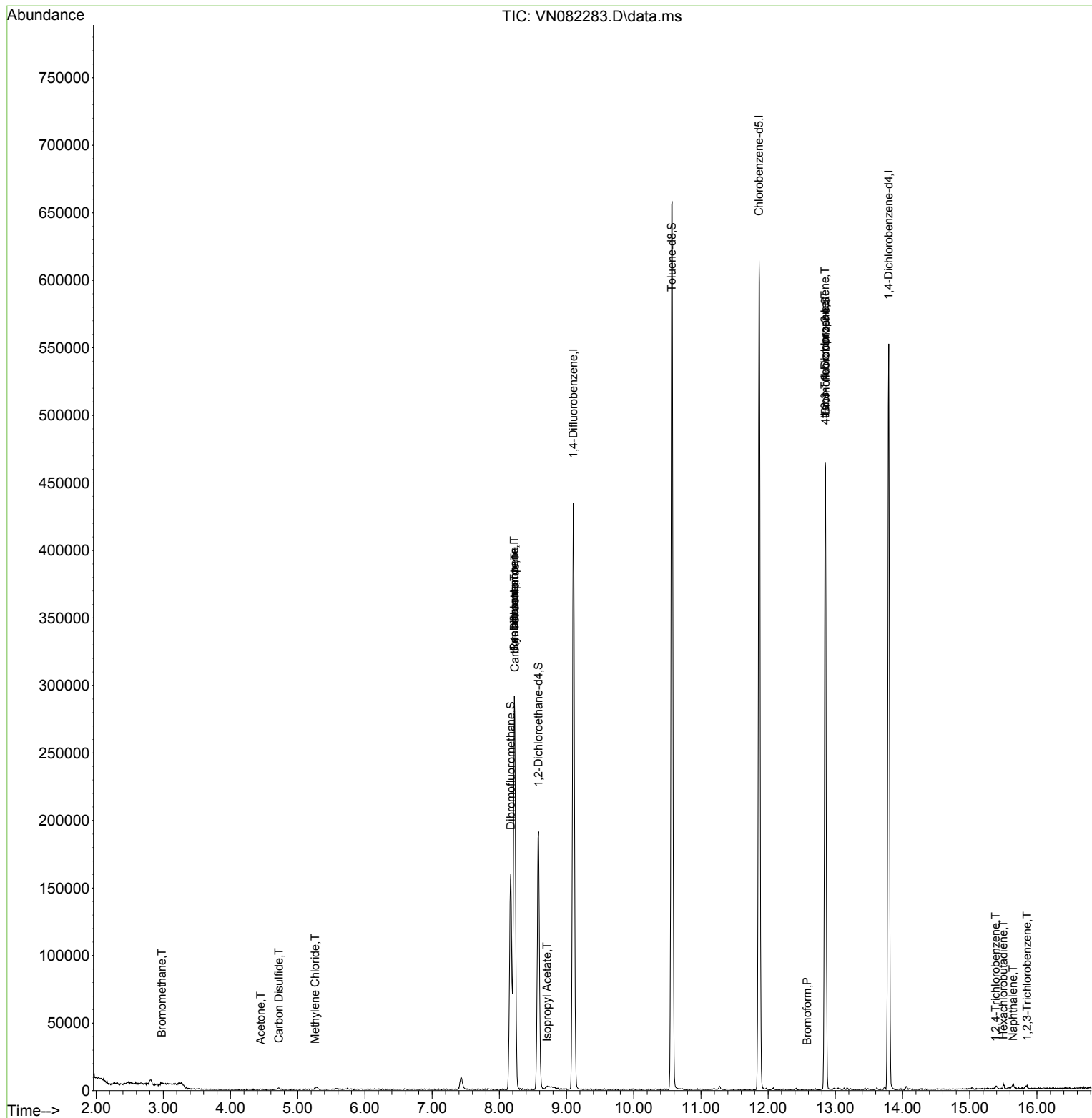
Internal Standards						
1) Pentafluorobenzene	8.224	168	201531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	347929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158746	49.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.171	113	111607	52.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.565	98	436046	53.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.853	95	152234	51.978	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.960%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	809	0.455	ug/l	89
16) Acetone	4.448	43	756	0.579	ug/l #	43
17) Carbon Disulfide	4.718	76	1837	0.258	ug/l #	74
20) Methylene Chloride	5.260	84	1005	0.382	ug/l #	66
31) Cyclohexane	8.224	56	5789	1.139	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	18807	5.239	ug/l #	48
38) Carbon Tetrachloride	8.230	117	21608	5.938	ug/l #	17
43) Isopropyl Acetate	8.712	43	2101	0.295	ug/l #	52
71) Bromoform	12.583	173	54	0.729	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	90950	31.572	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90950	73.846	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.388	180	1182	0.475	ug/l #	71
94) Hexachlorobutadiene	15.500	225	831	0.760	ug/l #	35
95) Naphthalene	15.647	128	4740	0.607	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.853	180	1028	0.412	ug/l #	75

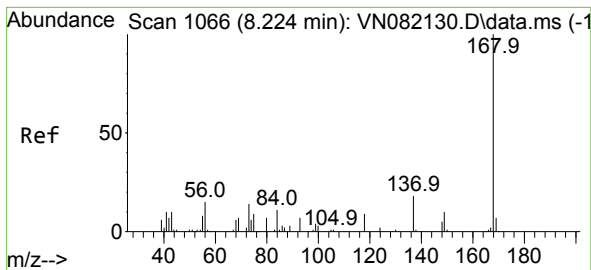
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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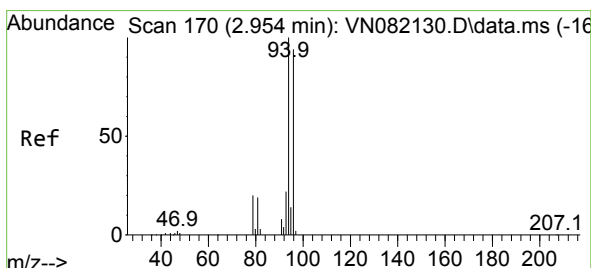
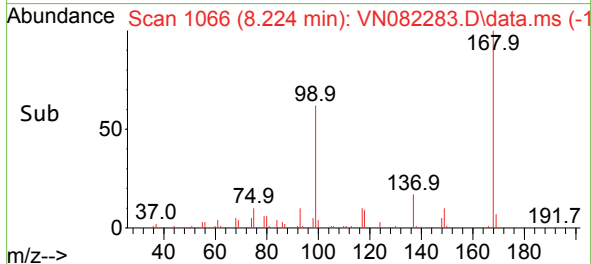
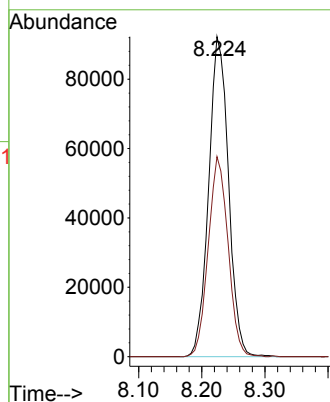
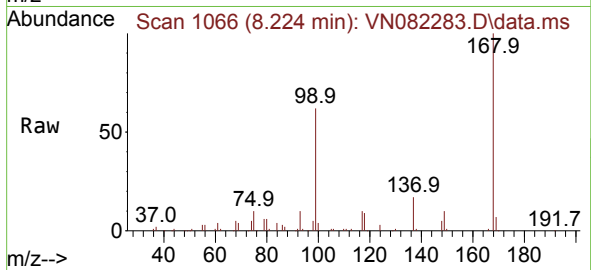




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

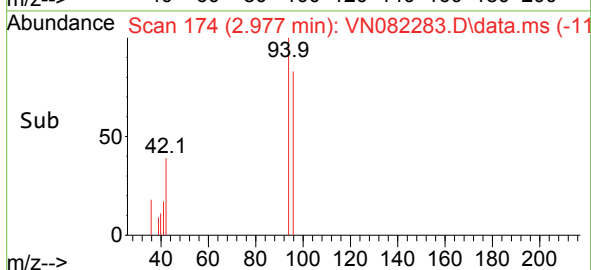
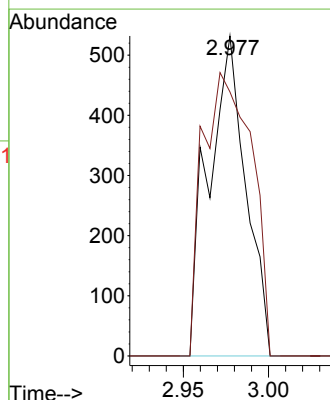
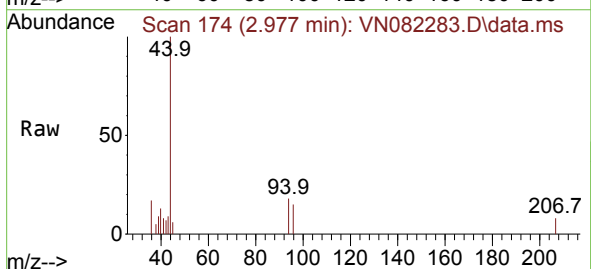
Instrument :
MSVOA_N
ClientSampleId :

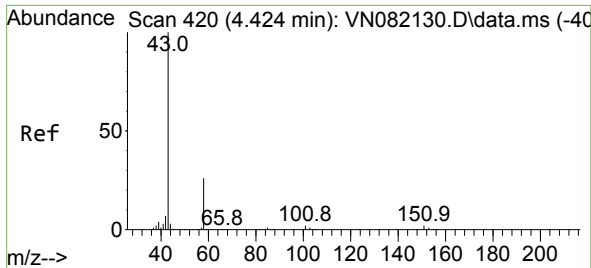
Tgt Ion:168 Resp: 201531
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#5
Bromomethane
Concen: 0.455 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Tgt Ion: 94 Resp: 809
Ion Ratio Lower Upper
94 100
96 82.5 74.8 112.2





#16

Acetone

Concen: 0.579 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

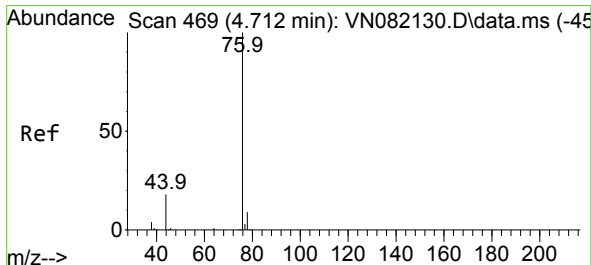
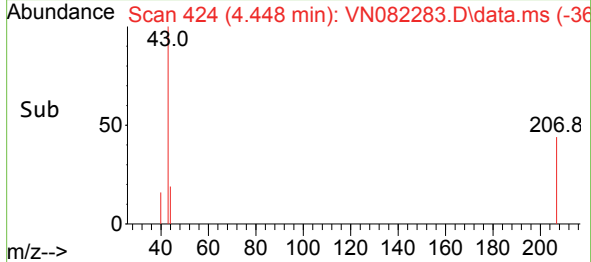
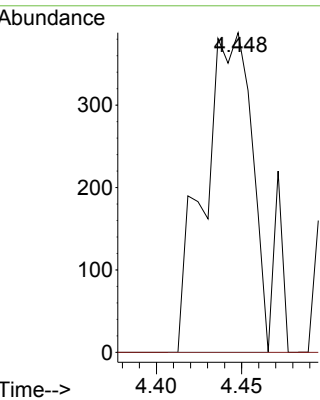
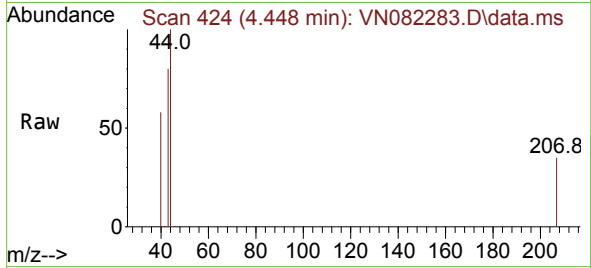
ClientSampleId :

Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN082283.D

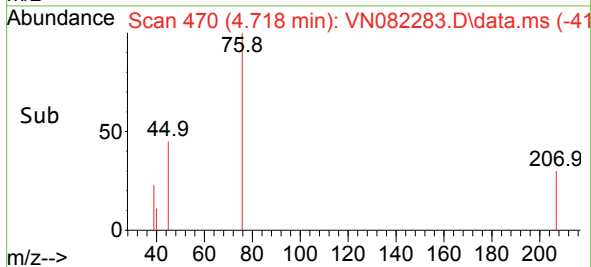
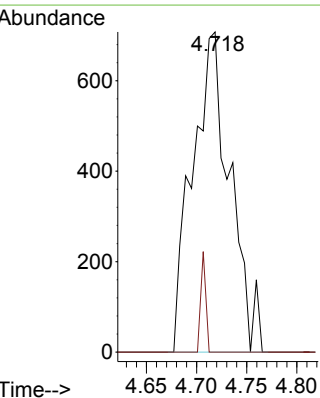
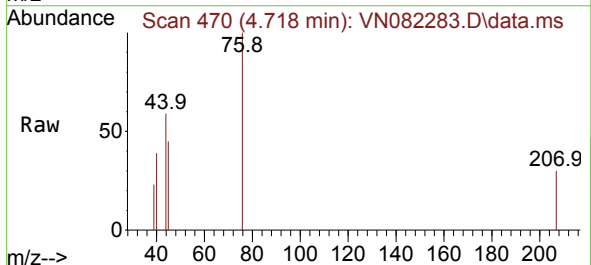
Acq: 22 May 2024 10:59

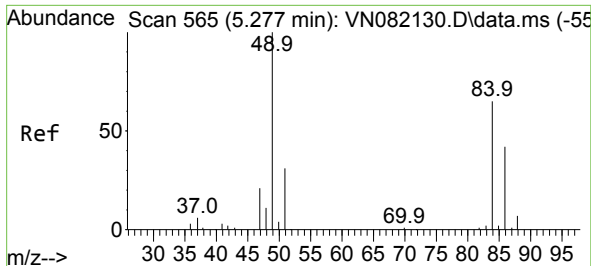
Tgt Ion: 76 Resp: 1837

Ion Ratio Lower Upper

76 100

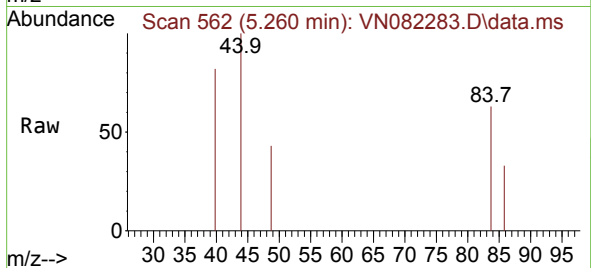
78 0.0 7.5 11.3#





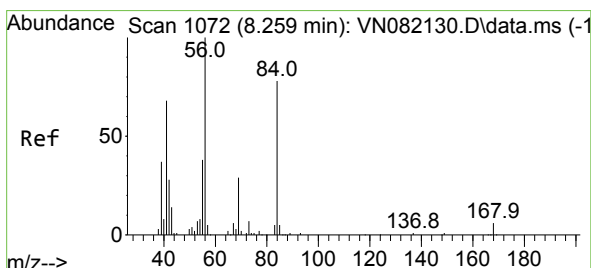
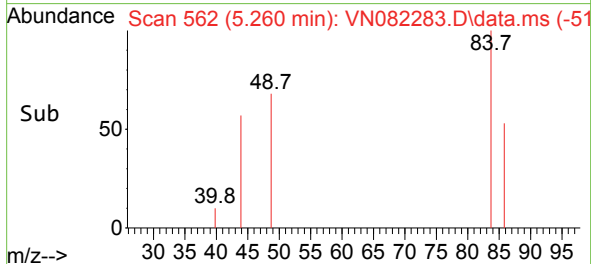
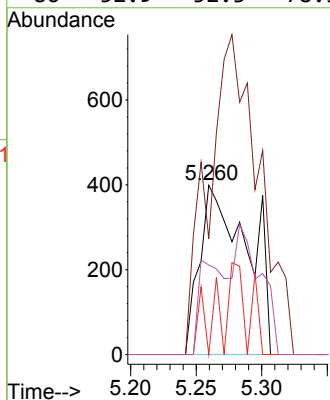
#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 5.260 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1005

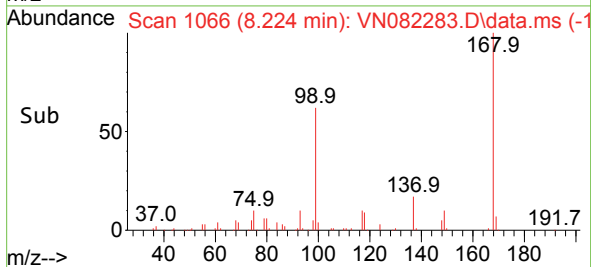
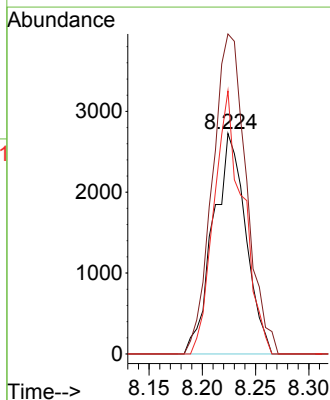
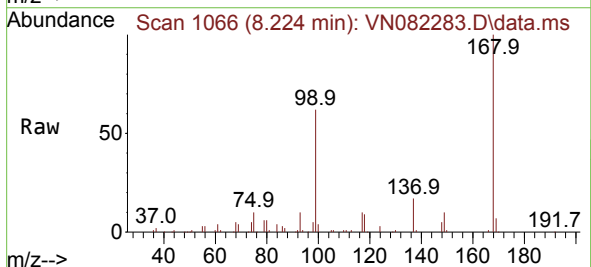
Ion	Ratio	Lower	Upper
84	100		
49	68.4	84.9	127.3#
51	0.0	27.0	40.6#
86	52.9	52.3	78.5

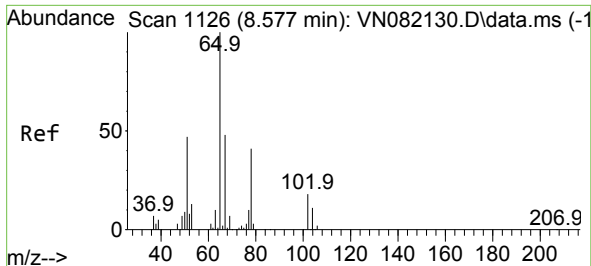


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Tgt Ion: 56 Resp: 5789

Ion	Ratio	Lower	Upper
56	100		
69	145.2	24.4	36.6#
84	119.3	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 49.885 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

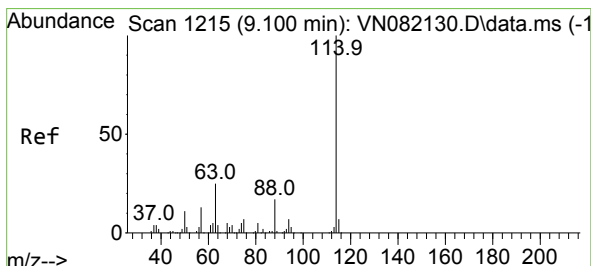
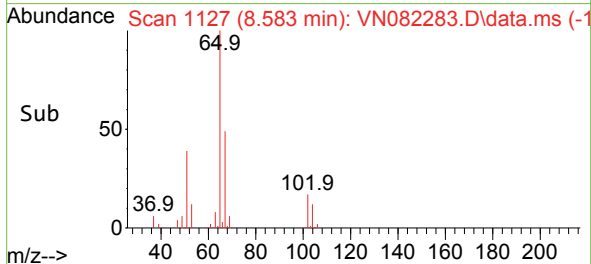
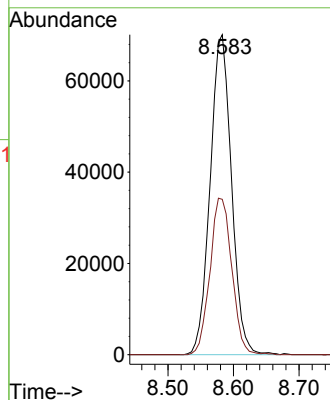
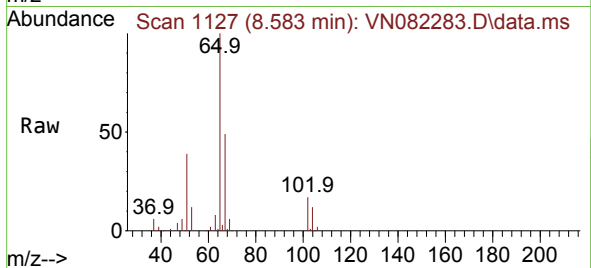
ClientSampleId :

Tgt Ion: 65 Resp: 158746

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

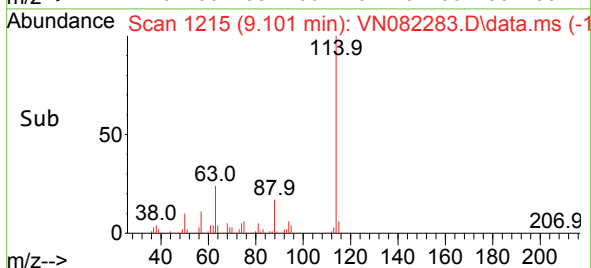
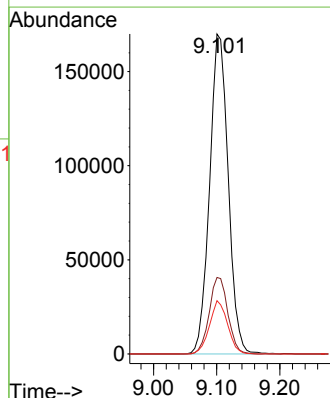
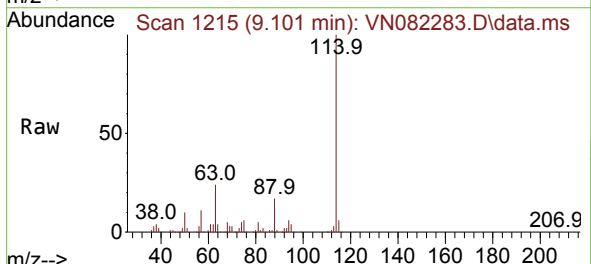
Tgt Ion: 114 Resp: 347929

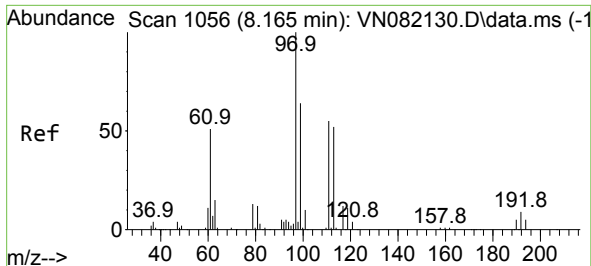
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

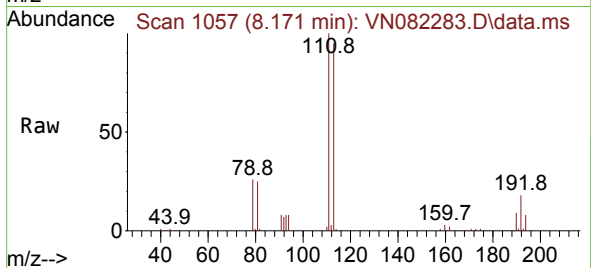
88 16.6 0.0 31.4



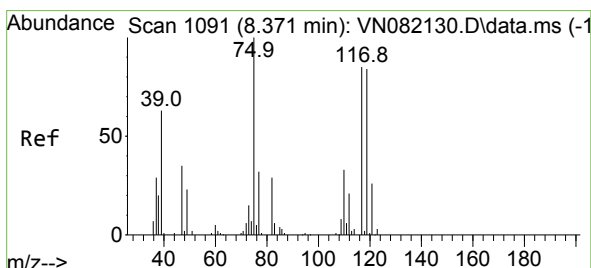
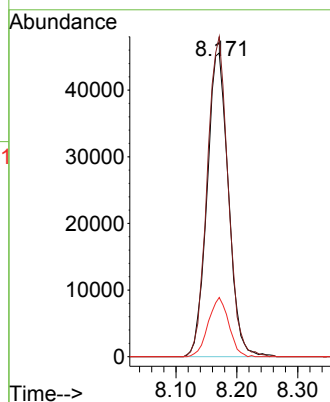
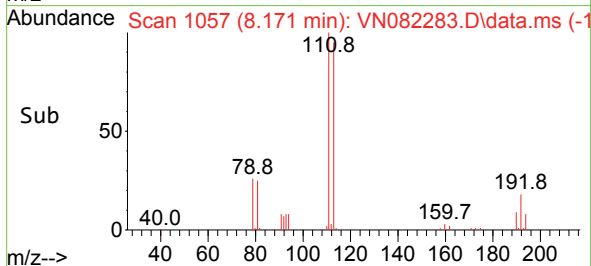


#35
 Dibromofluoromethane
 Concen: 52.145 ug/l
 RT: 8.171 min Scan# 111607
 Delta R.T. 0.006 min
 Lab File: VN082283.D
 Acq: 22 May 2024 10:59

Instrument :
 MSVOA_N
 ClientSampleId :

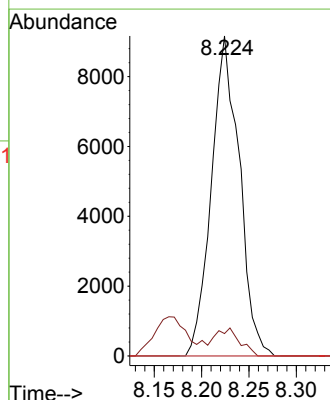
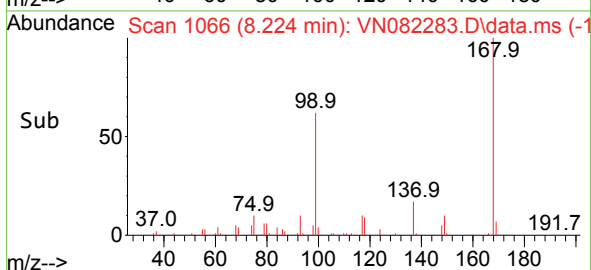
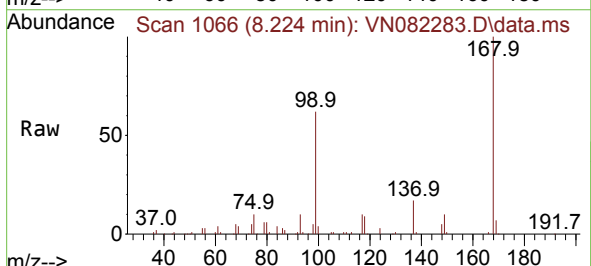


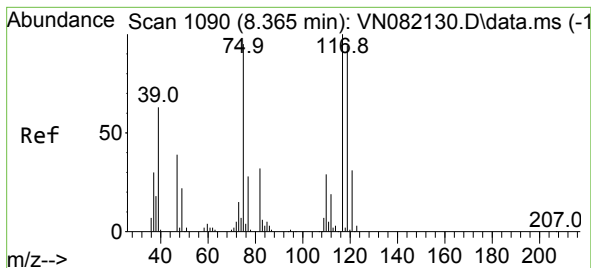
Tgt Ion:113 Resp: 111607
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 18.6 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.239 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082283.D
 Acq: 22 May 2024 10:59

Tgt Ion: 75 Resp: 18807
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

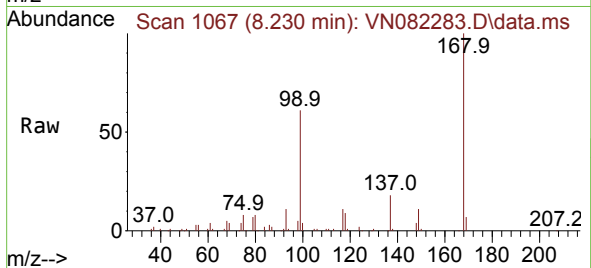
Lab File: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :



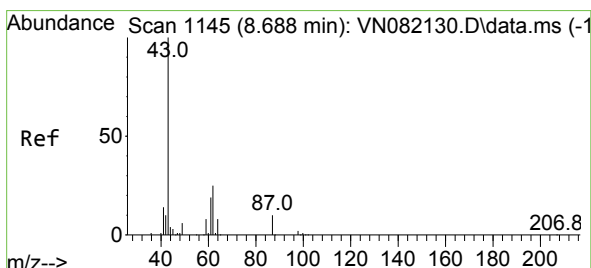
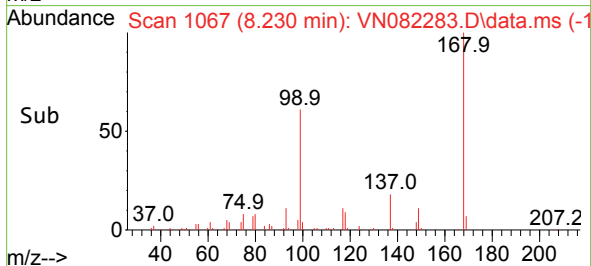
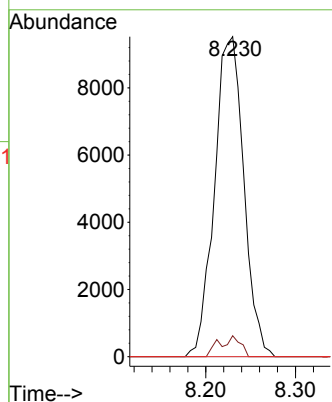
Tgt Ion:117 Resp: 21608

Ion Ratio Lower Upper

117 100

119 6.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.295 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.024 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

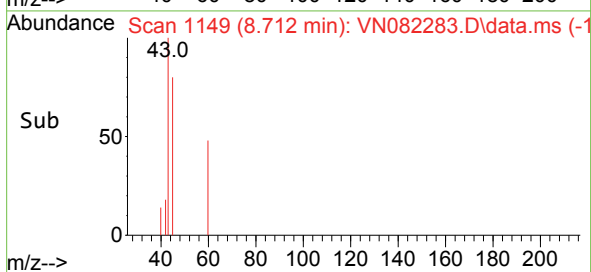
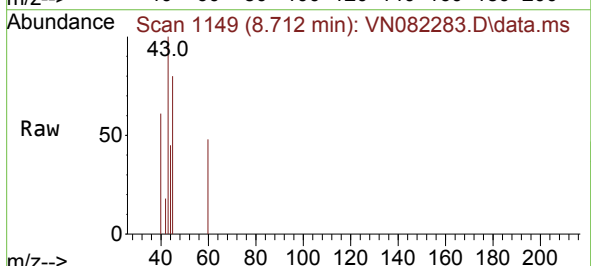
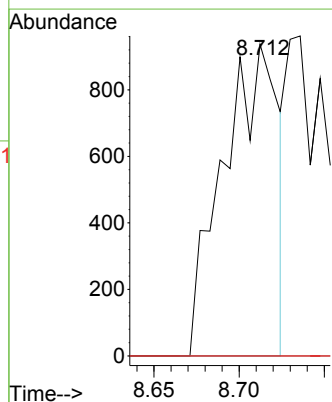
Tgt Ion: 43 Resp: 2101

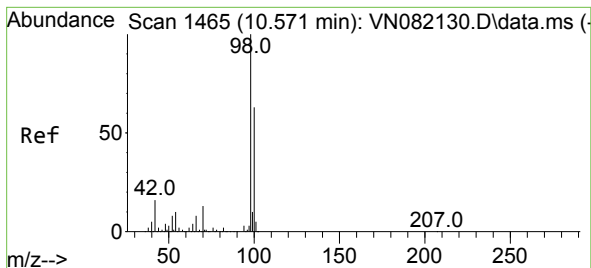
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

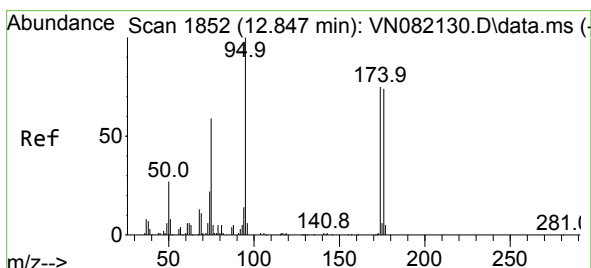
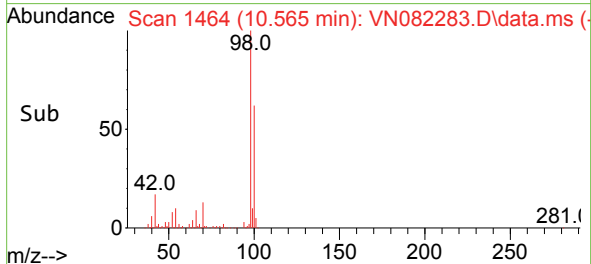
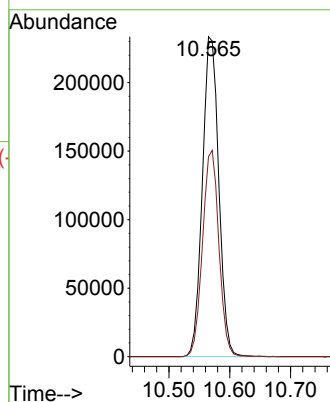
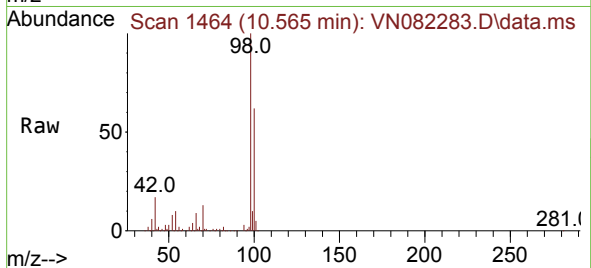




#50
Toluene-d8
Concen: 53.139 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

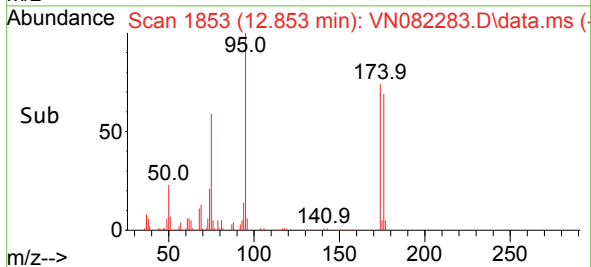
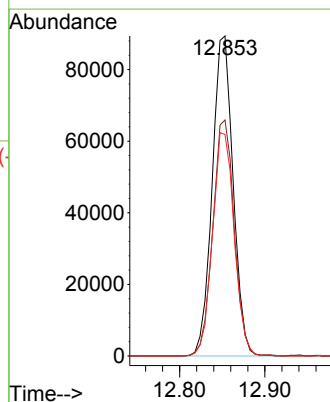
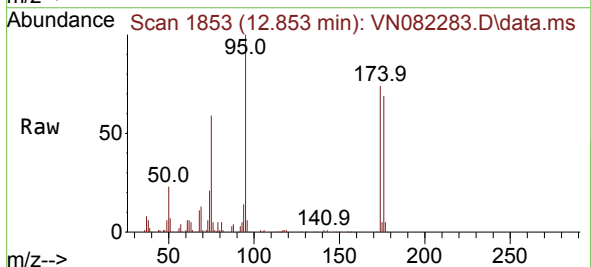
Instrument :
MSVOA_N
ClientSampleId :

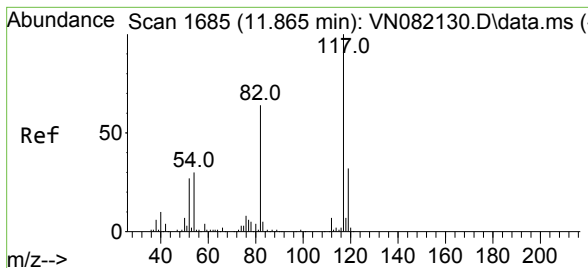
Tgt Ion: 98 Resp: 436046
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.978 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Tgt Ion: 95 Resp: 152234
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 72.2 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

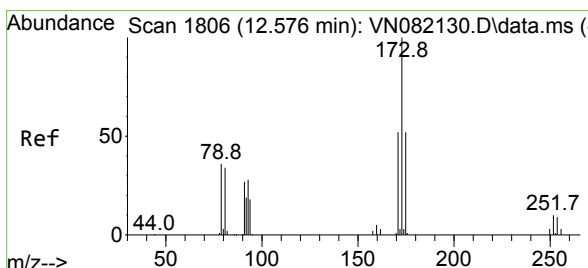
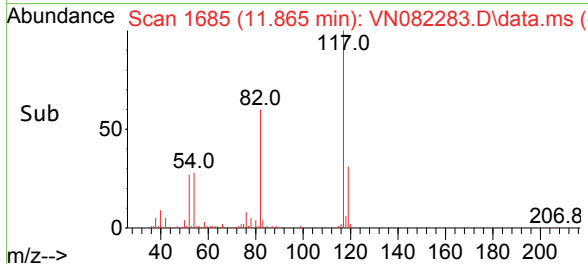
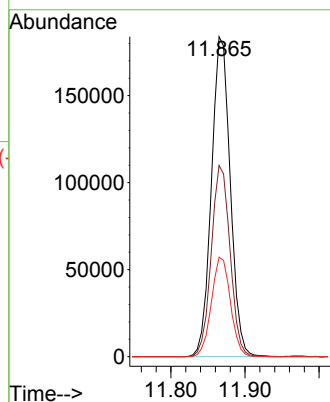
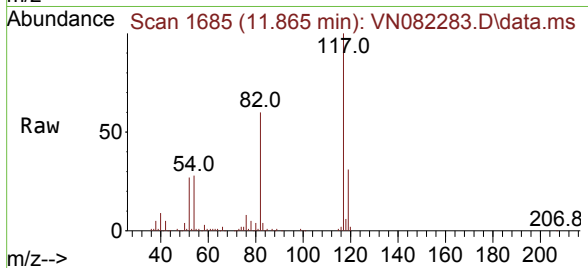
Tgt Ion:117 Resp: 324367

Ion Ratio Lower Upper

117 100

82 59.8 44.6 66.8

119 31.1 25.9 38.9



#71

Bromoform

Concen: 0.729 ug/l

RT: 12.583 min Scan# 1807

Delta R.T. 0.007 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

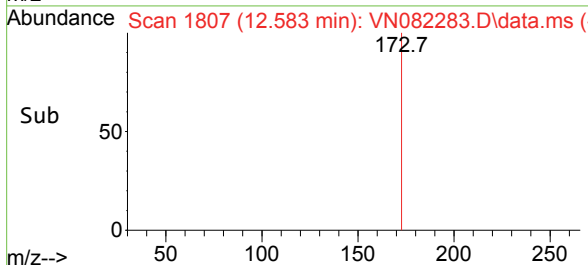
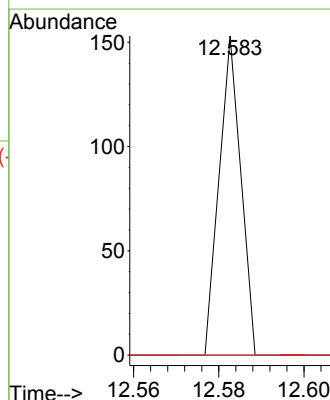
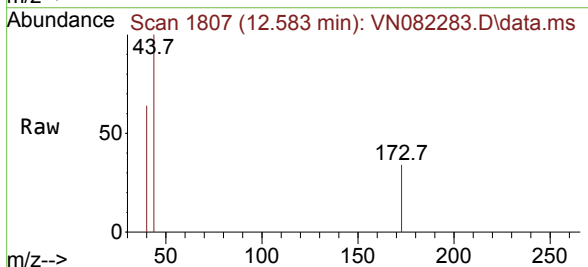
Tgt Ion:173 Resp: 54

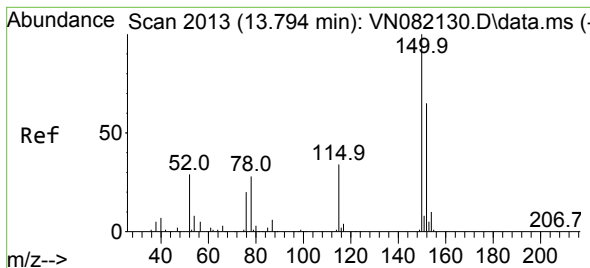
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

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: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

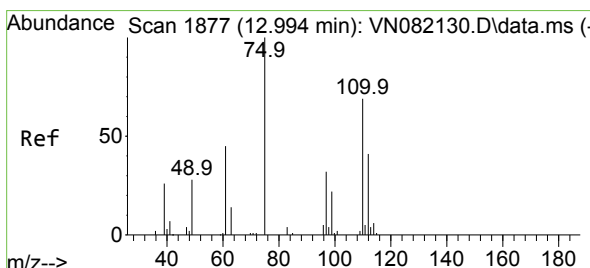
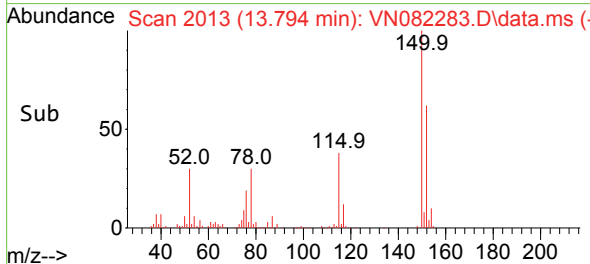
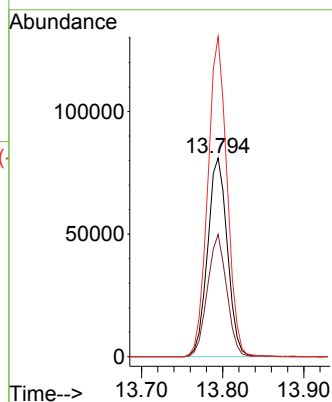
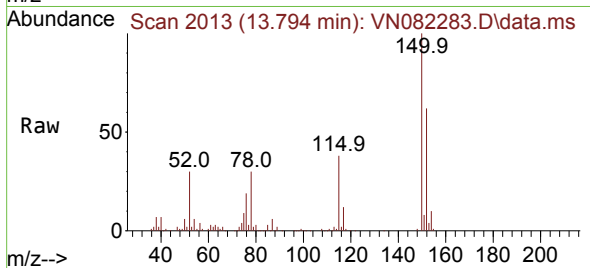
Tgt Ion:152 Resp: 136866

Ion Ratio Lower Upper

152 100

115 60.1 30.4 91.3

150 157.0 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 31.572 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082283.D

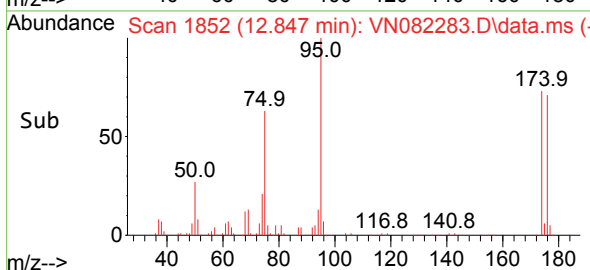
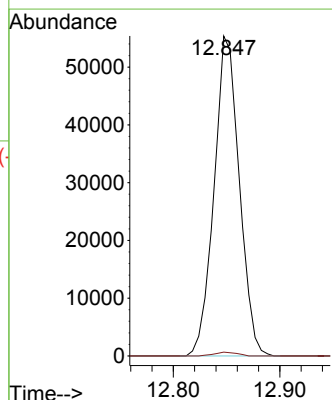
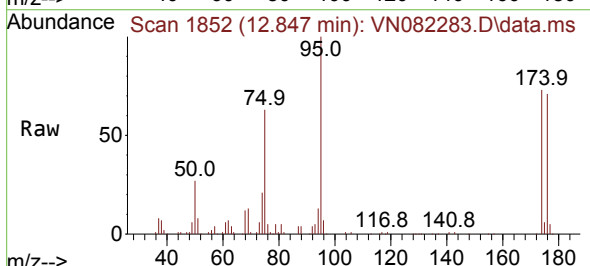
Acq: 22 May 2024 10:59

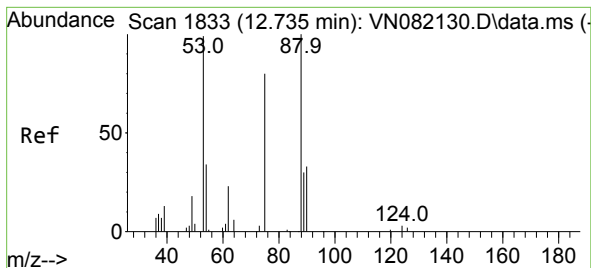
Tgt Ion: 75 Resp: 90950

Ion Ratio Lower Upper

75 100

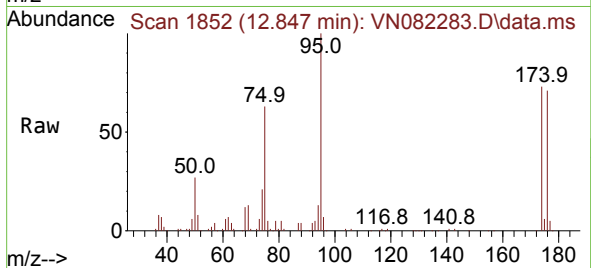
77 1.1 90.5 271.3#



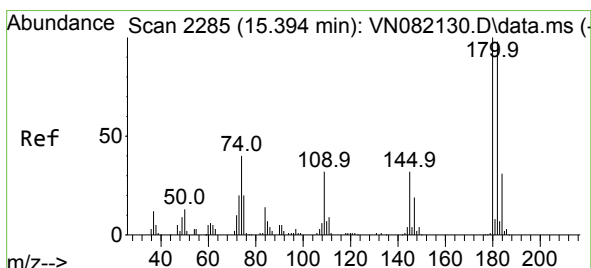
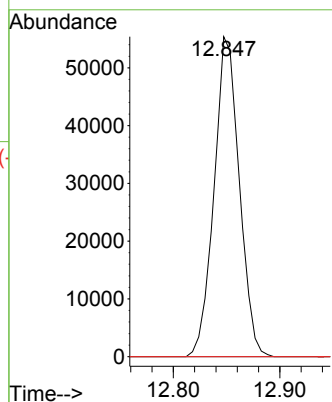
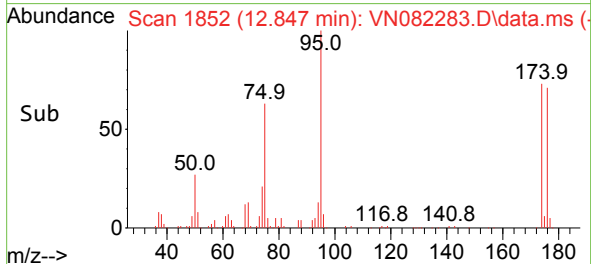


#81
trans-1,4-Dichloro-2-butene
Concen: 73.846 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

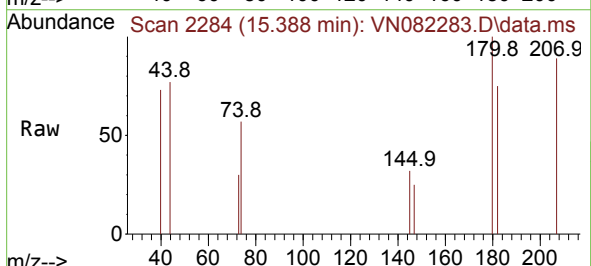
Instrument :
MSVOA_N
ClientSampleId :



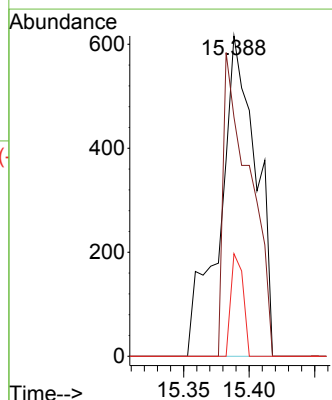
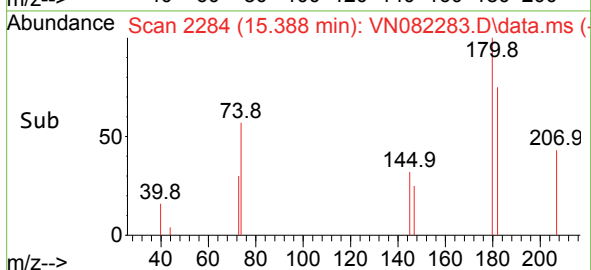
Tgt Ion: 75 Resp: 90950
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

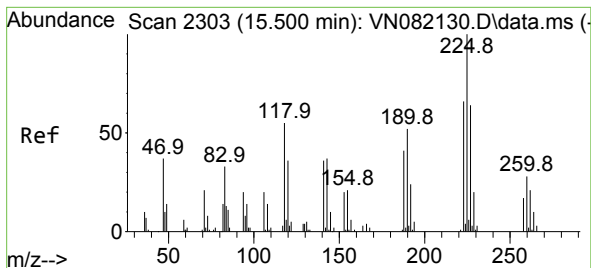


#93
1,2,4-Trichlorobenzene
Concen: 0.475 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59



Tgt Ion: 180 Resp: 1182
Ion Ratio Lower Upper
180 100
182 68.4 46.7 140.0
145 10.7 16.2 48.6#





#94

Hexachlorobutadiene

Concen: 0.760 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

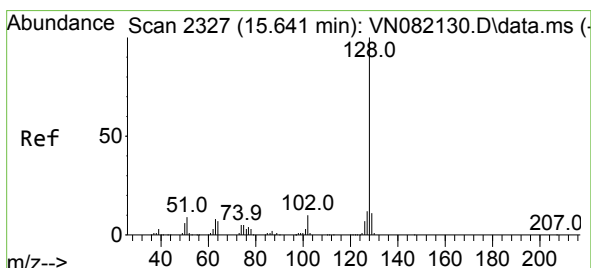
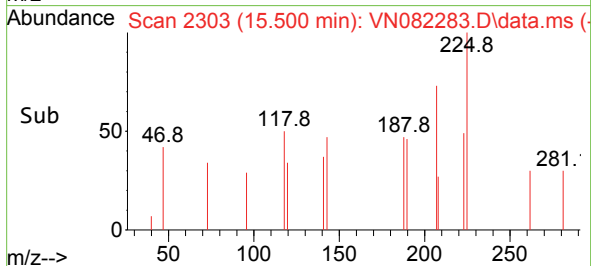
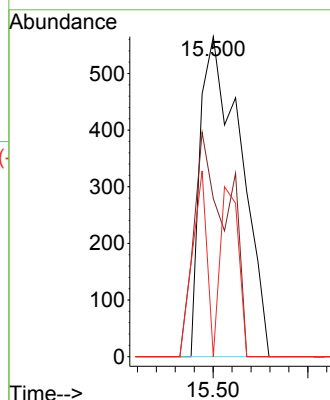
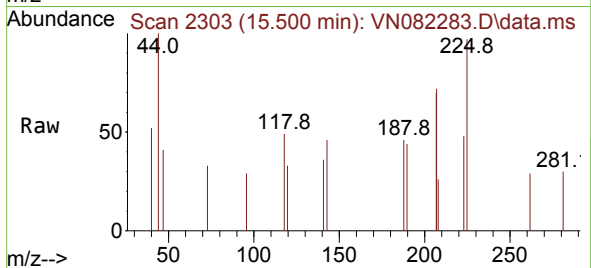
Tgt Ion:225 Resp: 831

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.2#

227 24.3 30.6 91.6#



#95

Naphthalene

Concen: 0.607 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

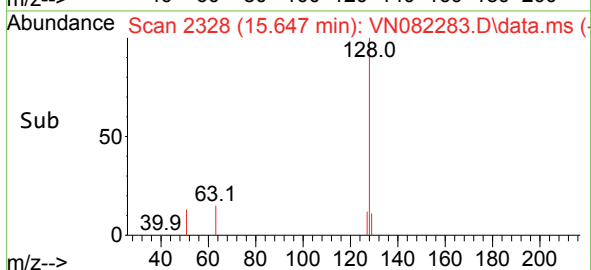
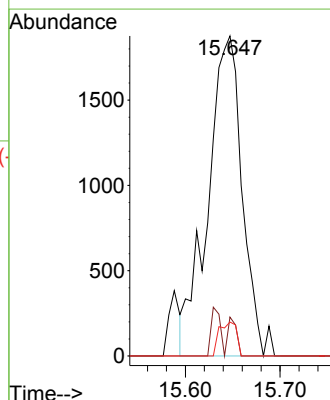
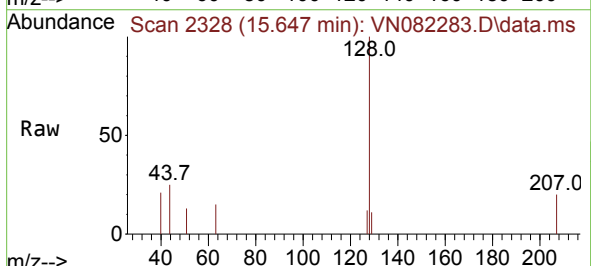
Tgt Ion:128 Resp: 4740

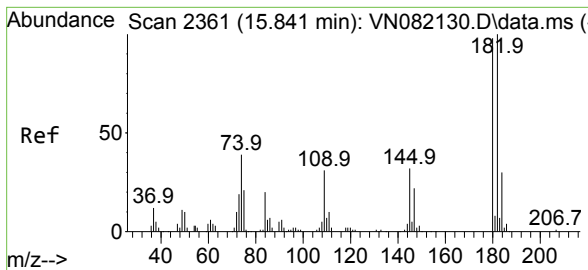
Ion Ratio Lower Upper

128 100

127 3.0 10.1 15.1#

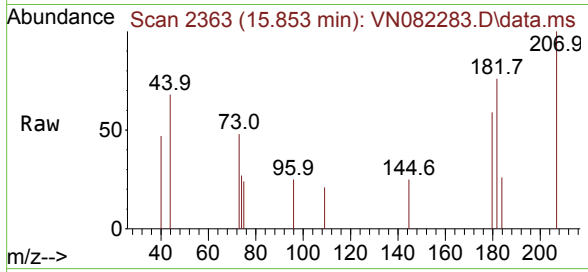
129 5.3 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.412 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN082283.D
 Acq: 22 May 2024 10:59

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1028
 Ion Ratio Lower Upper
 180 100
 182 111.5 46.0 137.8
 145 12.9 17.1 51.3#

