

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082530.D
 Acq On : 12 Jun 2024 15:46
 Operator : JC\MD
 Sample : P2839-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 16:06:58 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)

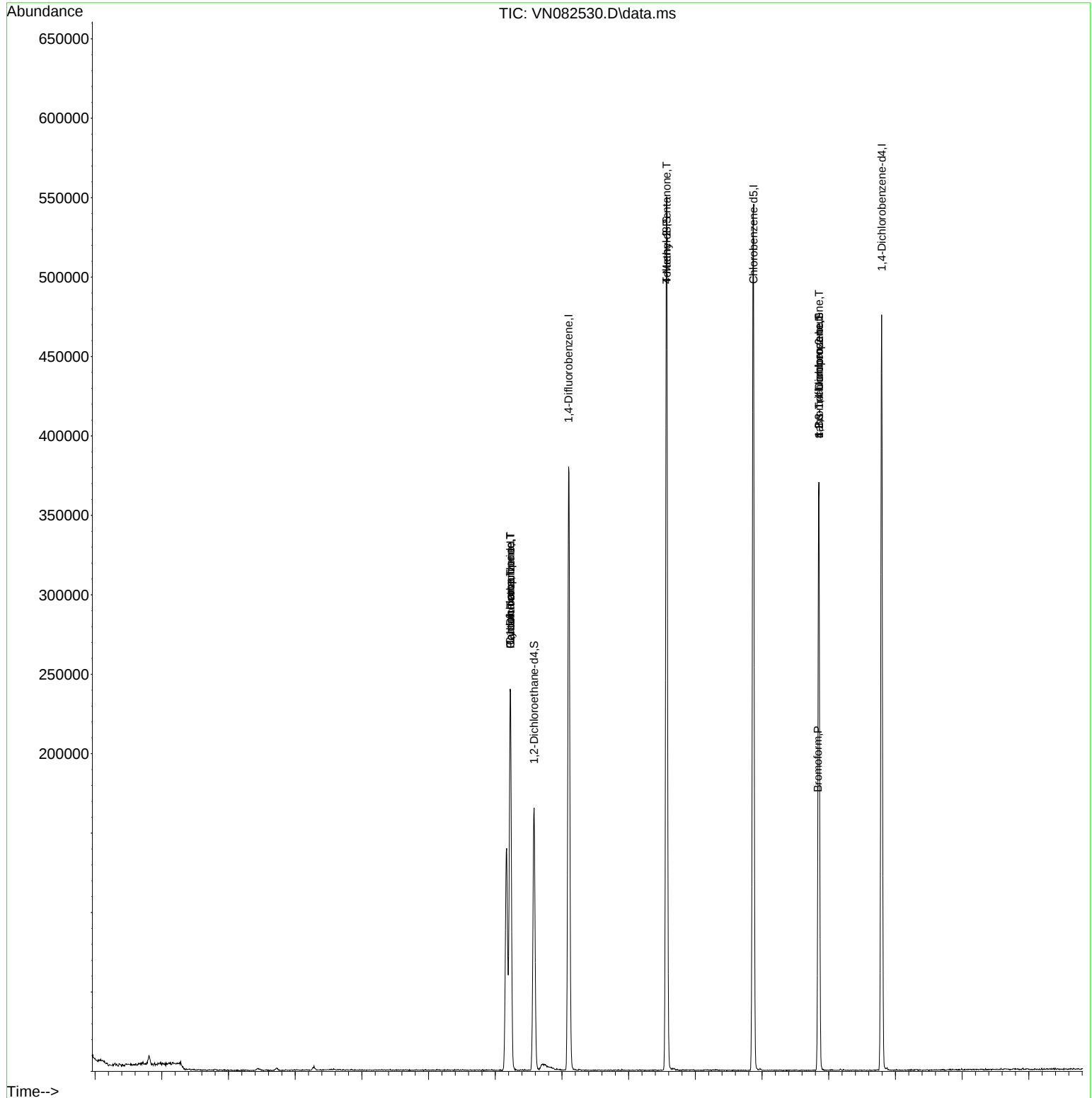
Internal Standards						
1) Pentafluorobenzene	8.230	168	167379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	296955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134094	50.736	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.480%		
35) Dibromofluoromethane	8.165	113	98325	52.045	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.080%		
50) Toluene-d8	10.571	98	364814	50.366	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	12.853	95	118549	45.856	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 91.720%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	838	0.306	ug/l	97
5) Bromomethane	2.971	94	786	0.532	ug/l #	77
16) Acetone	4.436	43	2592	2.391	ug/l #	80
20) Methylene Chloride	5.265	84	984	0.450	ug/l #	84
31) Cyclohexane	8.224	56	4722	1.119	ug/l #	10
36) 1,1-Dichloropropene	8.224	75	15090	4.762	ug/l #	49
38) Carbon Tetrachloride	8.230	117	18024	5.611	ug/l #	17
43) Isopropyl Acetate	8.706	43	6869	1.093	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2358	0.661	ug/l #	1
71) Bromoform	12.835	173	449	0.959	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	70169	27.031	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70169	63.224	ug/l #	12

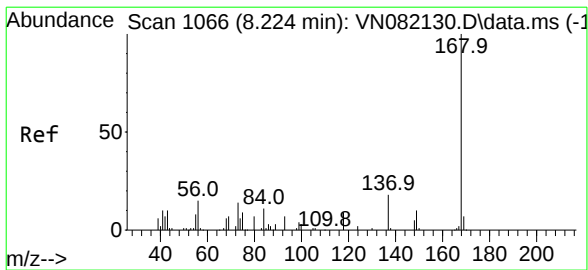
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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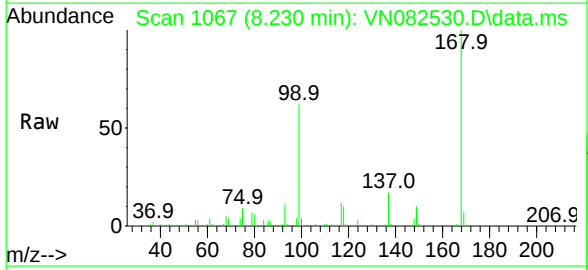
Quant Time: Jun 12 16:06:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



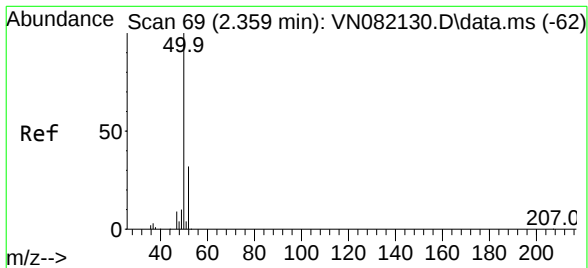
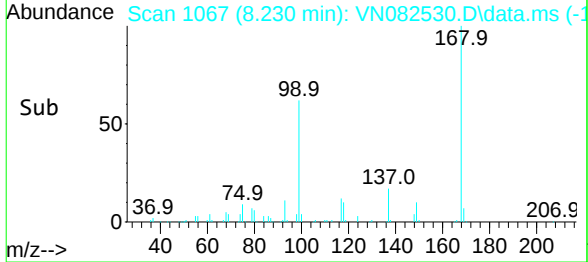
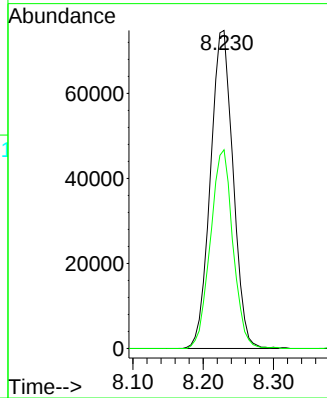


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VN082530.D
 Acq: 12 Jun 2024 15:46

Instrument :
 MSVOA_N
 ClientSampleId :

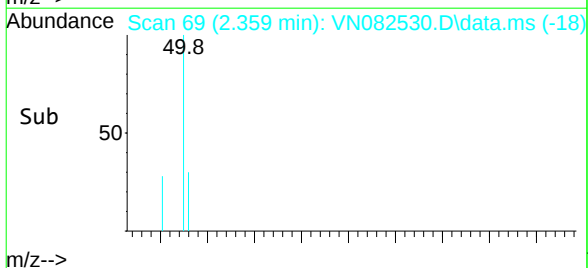
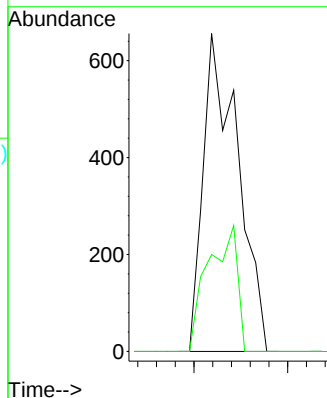
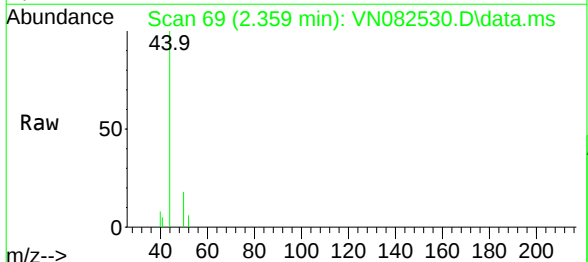


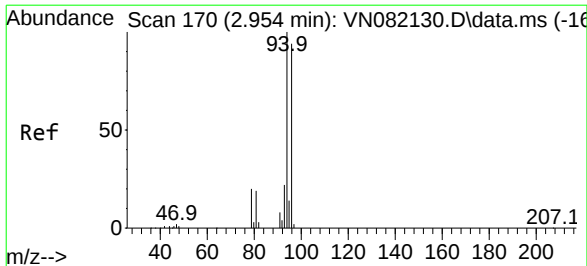
Tgt Ion: 168 Resp: 167379
 Ion Ratio Lower Upper
 168 100
 99 62.5 48.2 72.4



#3
 Chloromethane
 Concen: 0.306 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VN082530.D
 Acq: 12 Jun 2024 15:46

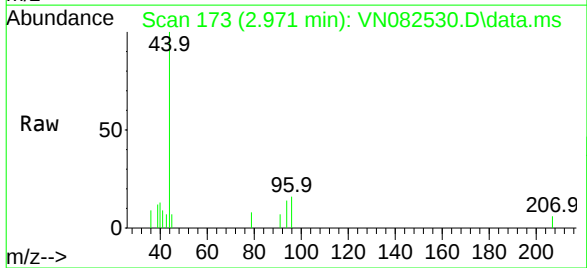
Tgt Ion: 50 Resp: 838
 Ion Ratio Lower Upper
 50 100
 52 30.5 25.5 38.3



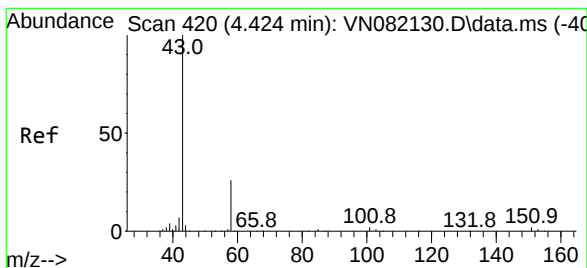
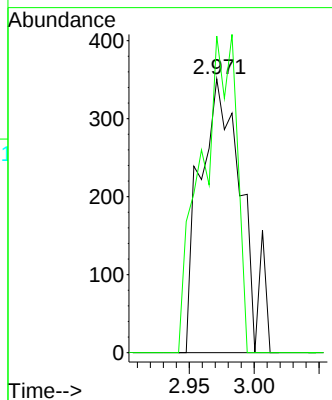
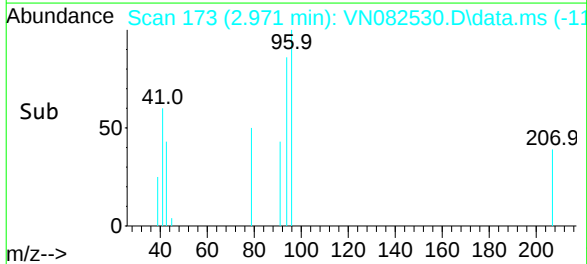


#5
Bromomethane
Concen: 0.532 ug/l
RT: 2.971 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

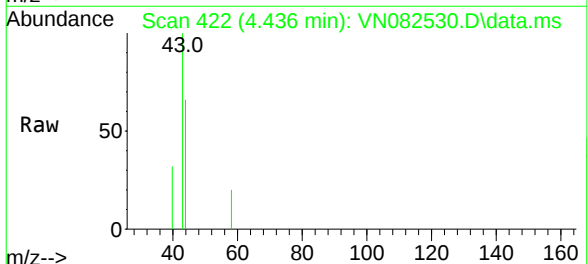
Instrument :
MSVOA_N
ClientSampleId :



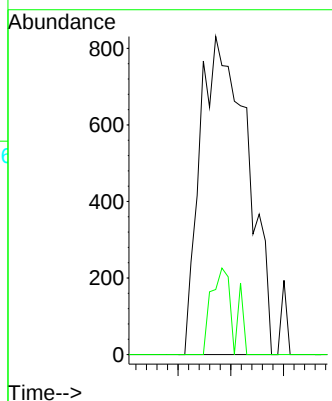
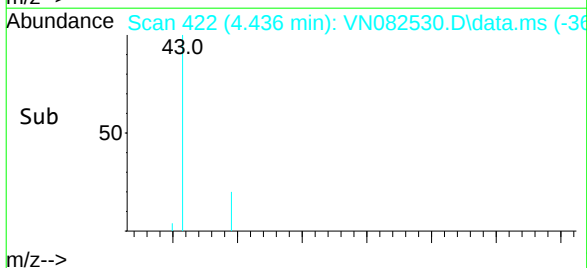
Tgt Ion: 94 Resp: 786
Ion Ratio Lower Upper
94 100
96 115.7 74.8 112.2#

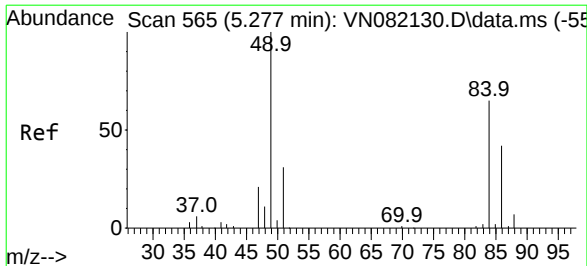


#16
Acetone
Concen: 2.391 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46



Tgt Ion: 43 Resp: 2592
Ion Ratio Lower Upper
43 100
58 20.5 25.2 37.8#





#20

Methylene Chloride

Concen: 0.450 ug/l

RT: 5.265 min Scan# 56

Delta R.T. -0.012 min

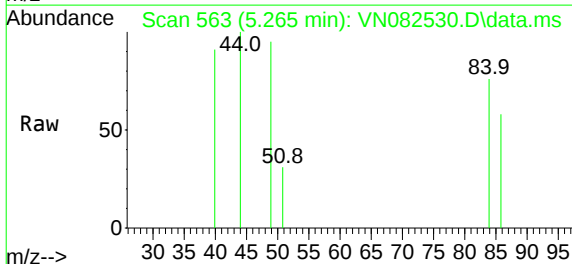
Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 984

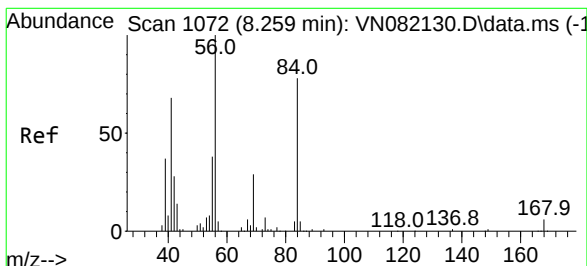
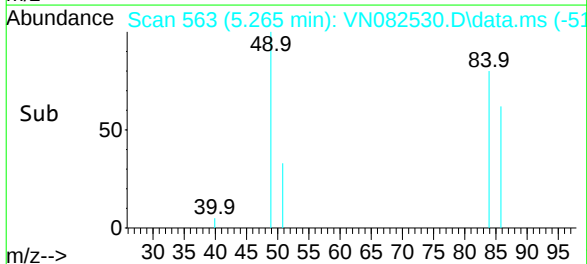
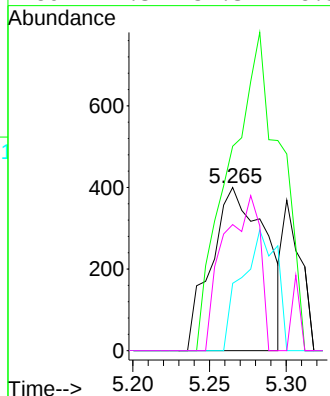
Ion Ratio Lower Upper

84 100

49 125.3 84.9 127.3

51 41.3 27.0 40.6#

86 77.3 52.3 78.5



#31

Cyclohexane

Concen: 1.119 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

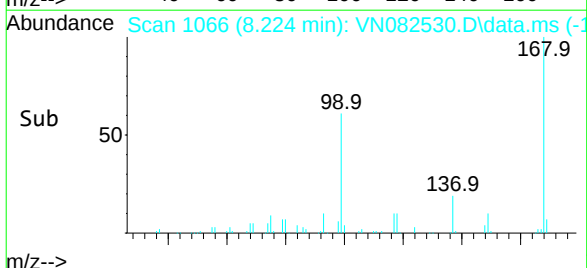
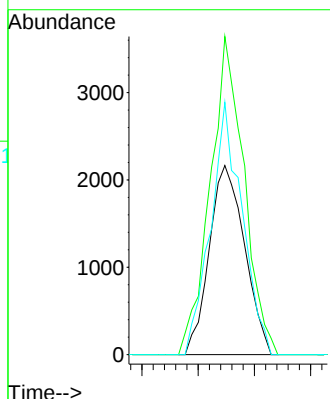
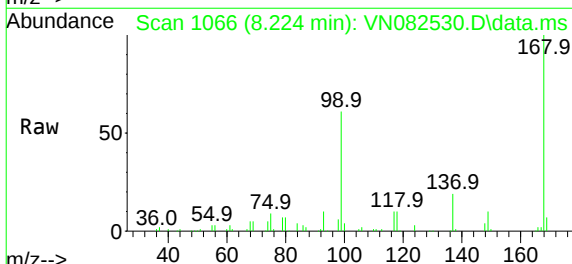
Tgt Ion: 56 Resp: 4722

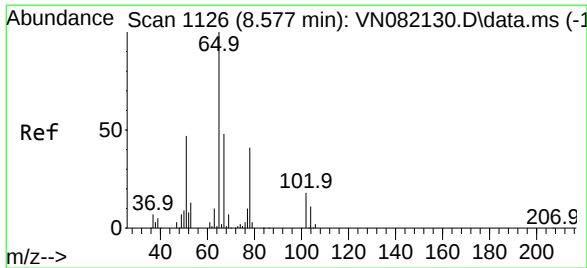
Ion Ratio Lower Upper

56 100

69 168.2 24.4 36.6#

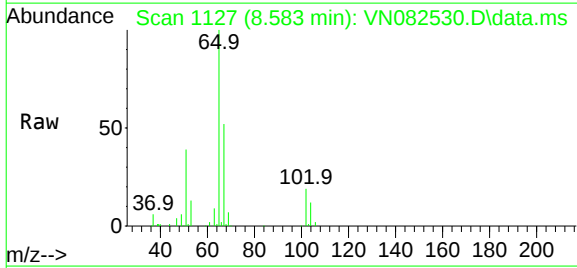
84 133.4 77.0 115.4#



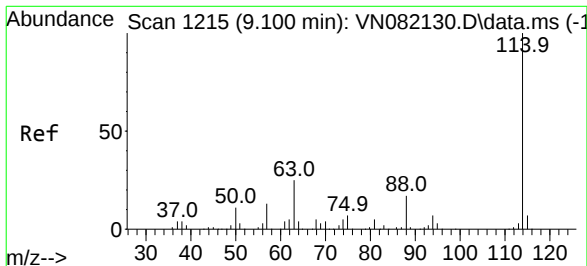
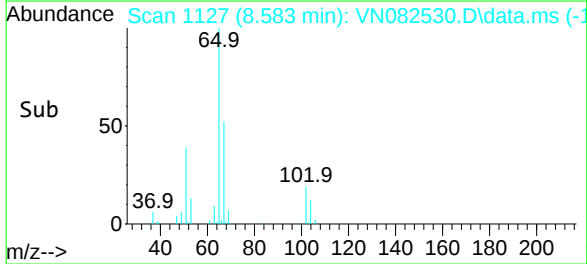
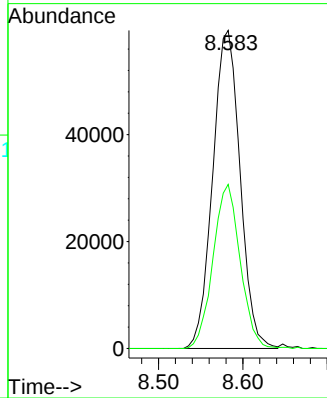


#33
1,2-Dichloroethane-d4
Concen: 50.736 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :

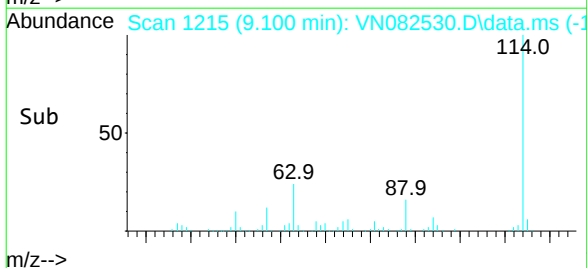
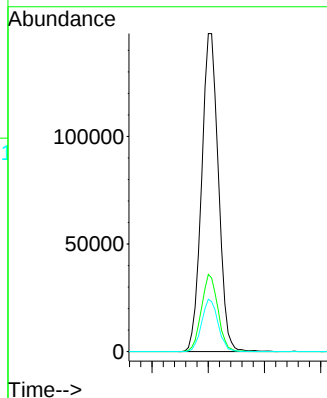
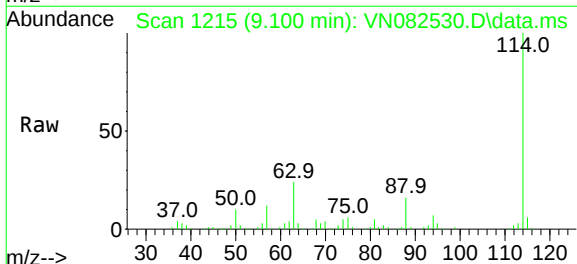


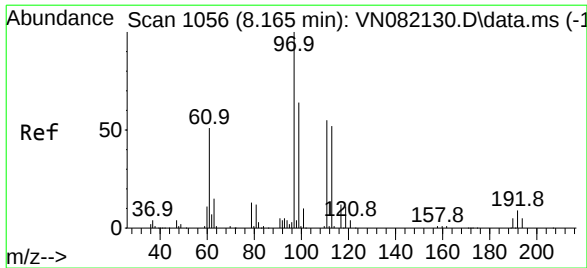
Tgt Ion: 65 Resp: 134094
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

Tgt Ion: 114 Resp: 307117
Ion Ratio Lower Upper
114 100
63 24.3 0.0 41.0
88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.045 ug/l

RT: 8.165 min Scan# 10

Delta R.T. 0.000 min

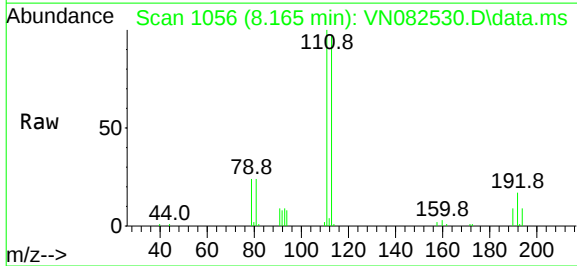
Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

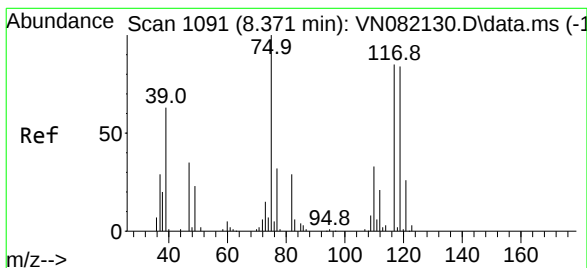
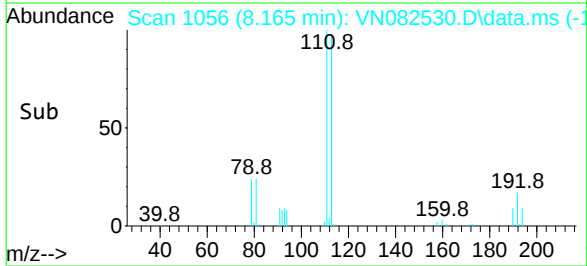
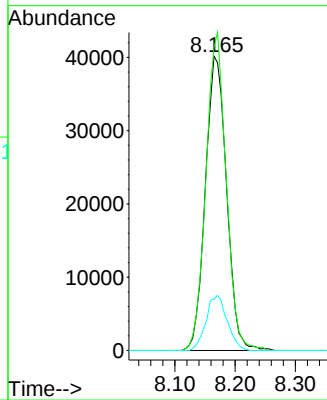
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	98325
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	18.6	14.0	21.0



#36

1,1-Dichloropropene

Concen: 4.762 ug/l

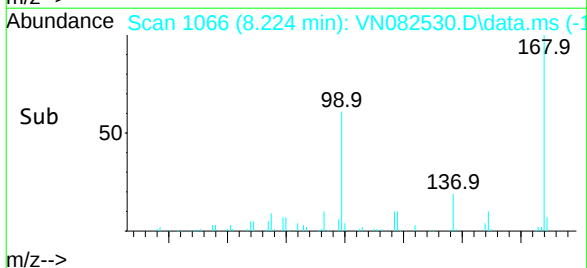
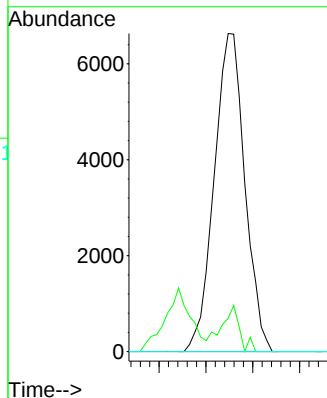
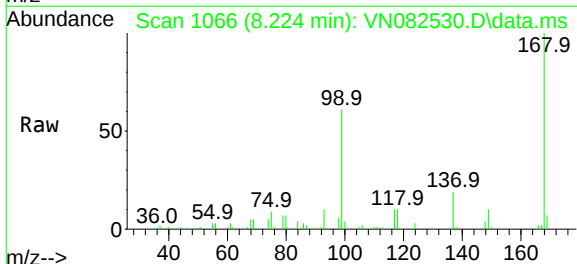
RT: 8.224 min Scan# 1066

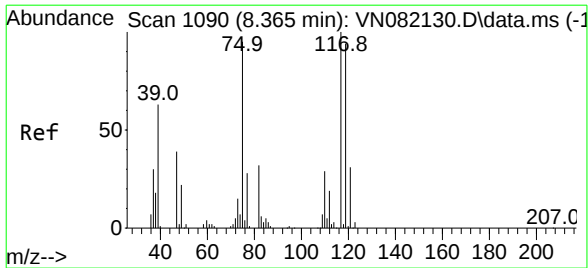
Delta R.T. -0.147 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

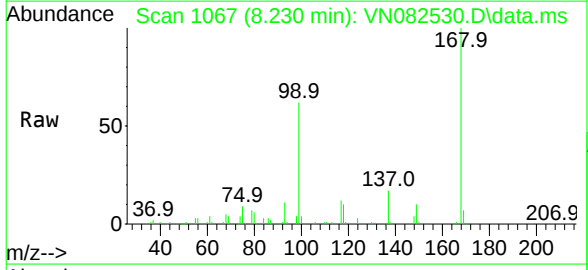
Tgt Ion:	75	Resp:	15090
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.5#
77	0.0	25.0	37.4#



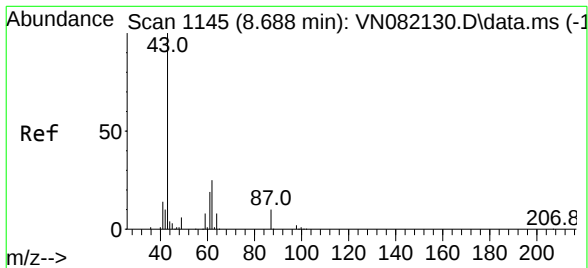
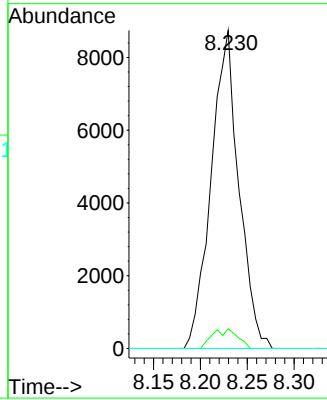
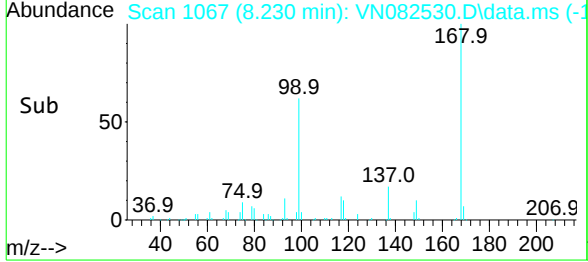


#38
Carbon Tetrachloride
Concen: 5.611 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.135 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

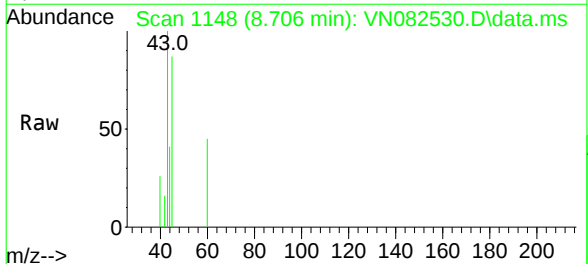
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MSVOA_N
ClientSampleId :



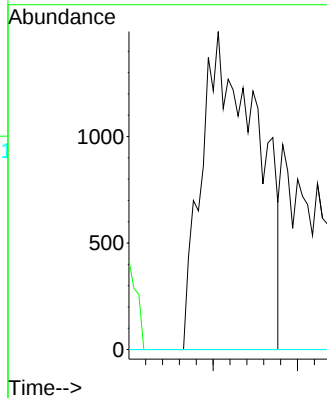
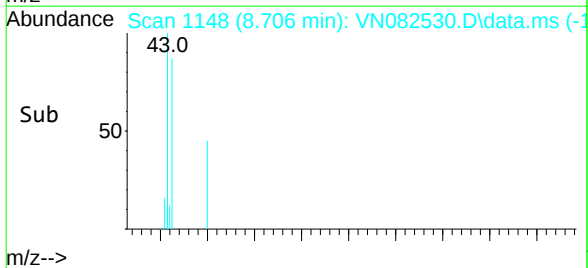
Tgt Ion: 117 Resp: 18024
Ion Ratio Lower Upper
117 100
119 6.2 76.5 114.7#
121 0.0 23.9 35.9#

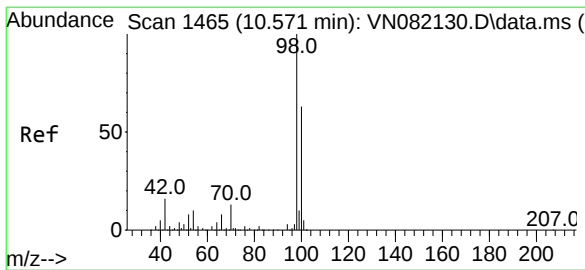


#43
Isopropyl Acetate
Concen: 1.093 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46



Tgt Ion: 43 Resp: 6869
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 50.366 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Instrument :

MSVOA_N

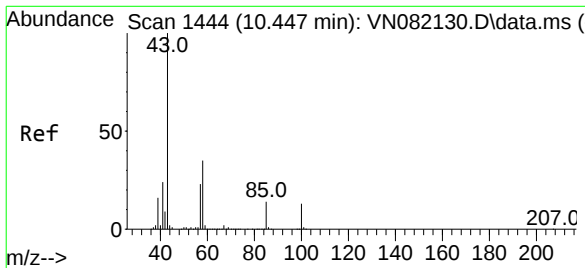
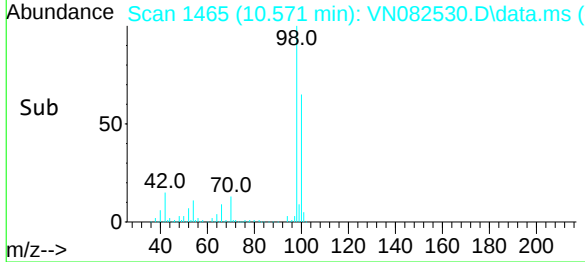
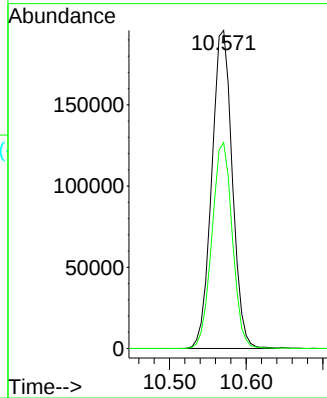
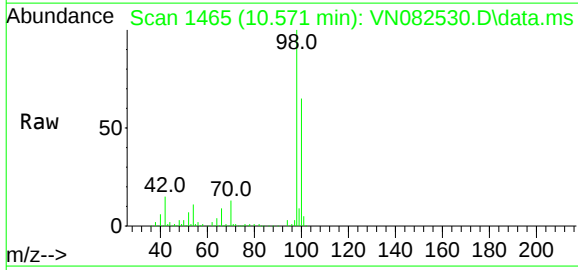
ClientSampleId :

Tgt Ion: 98 Resp: 364814

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.661 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.123 min

Lab File: VN082530.D

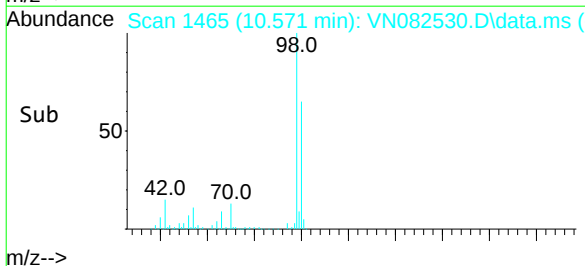
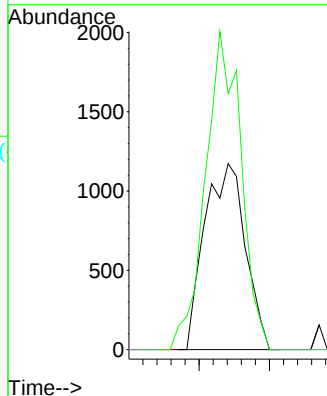
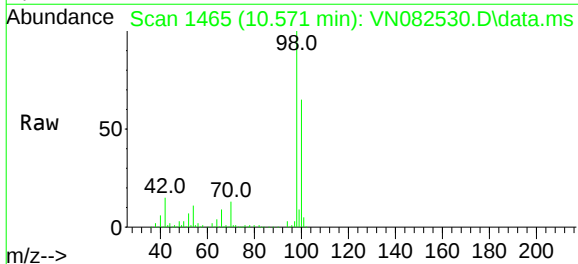
Acq: 12 Jun 2024 15:46

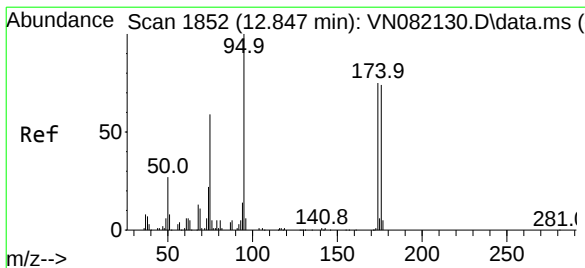
Tgt Ion: 43 Resp: 2358

Ion Ratio Lower Upper

43 100

58 149.4 33.2 49.8#





#62

4-Bromofluorobenzene

Concen: 45.856 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

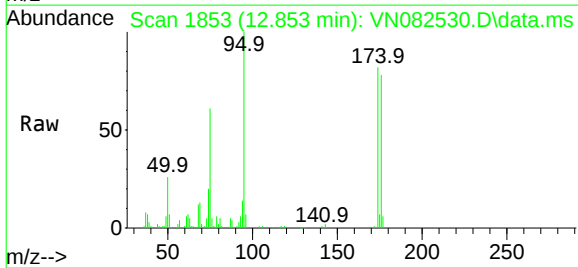
Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

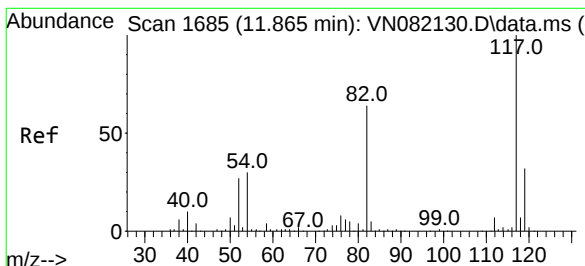
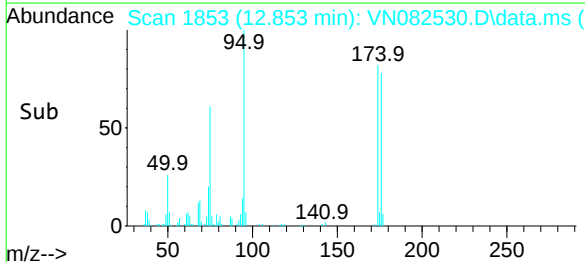
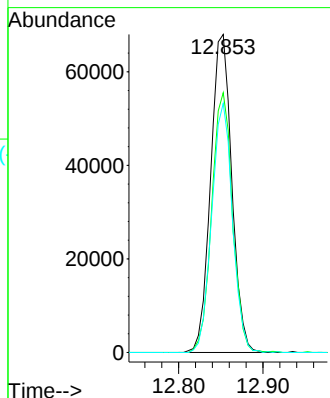
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	95	Resp:	118549
Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	160.6
176	76.6	0.0	152.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

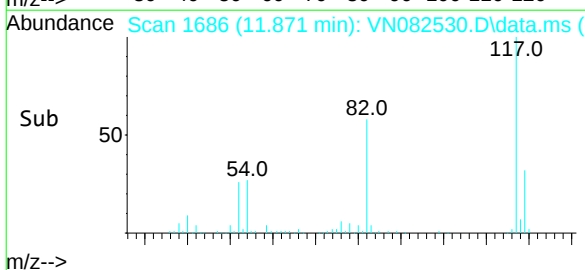
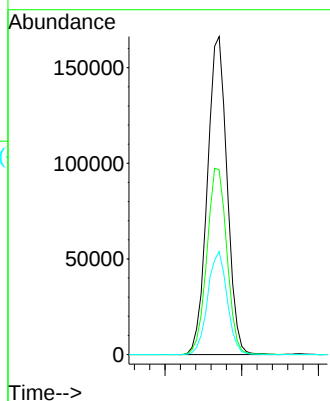
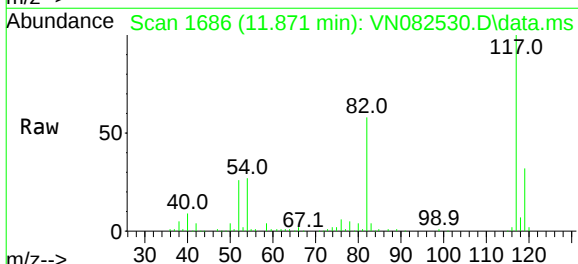
RT: 11.871 min Scan# 1686

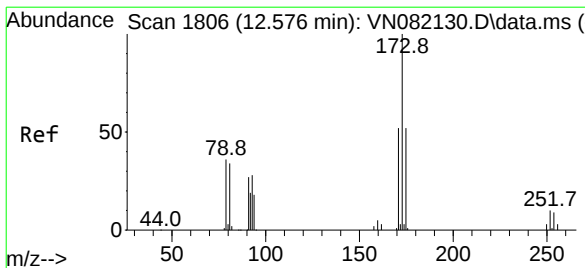
Delta R.T. 0.006 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Tgt Ion:	117	Resp:	296955
Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.6	66.8
119	32.4	25.9	38.9





#71

Bromoform

Concen: 0.959 ug/l

RT: 12.835 min Scan# 18

Delta R.T. 0.259 min

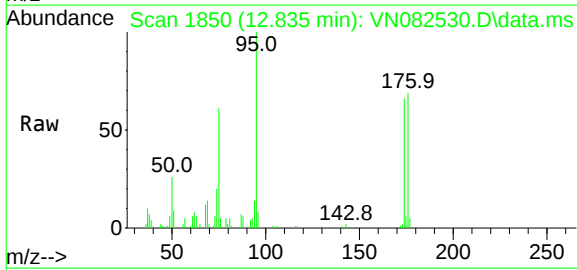
Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

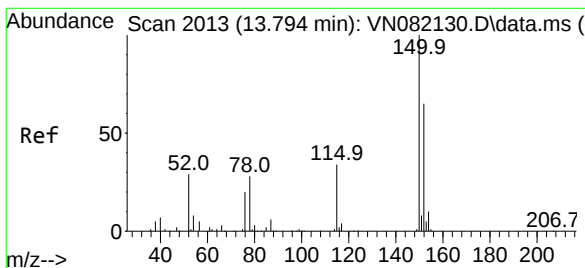
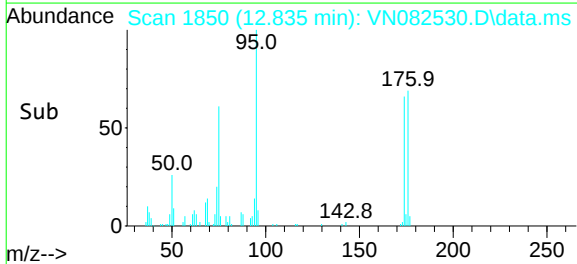
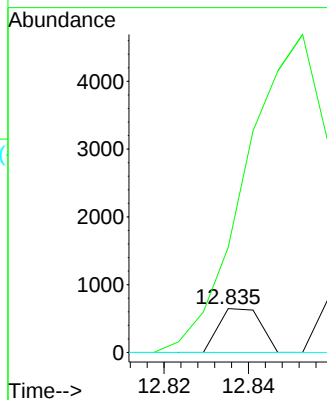
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	449
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

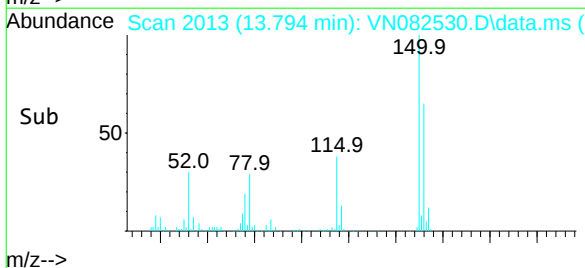
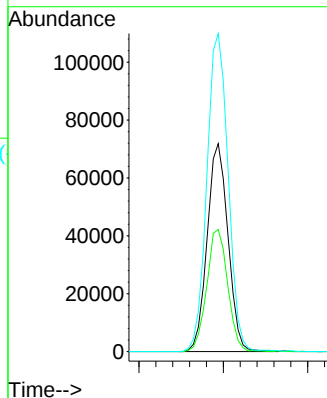
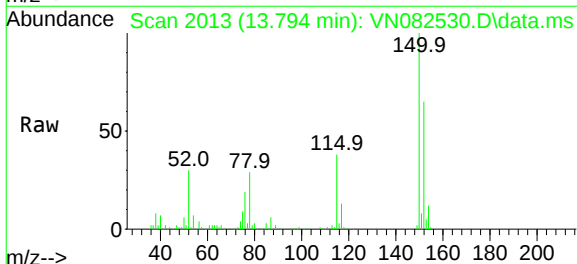
RT: 13.794 min Scan# 2013

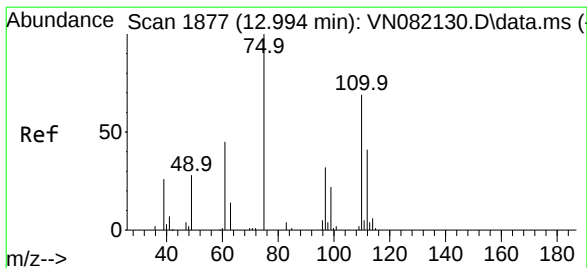
Delta R.T. -0.000 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Tgt Ion:	152	Resp:	123334
Ion Ratio	Lower	Upper	
152	100		
115	59.0	30.4	91.3
150	156.2	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 27.031 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.141 min

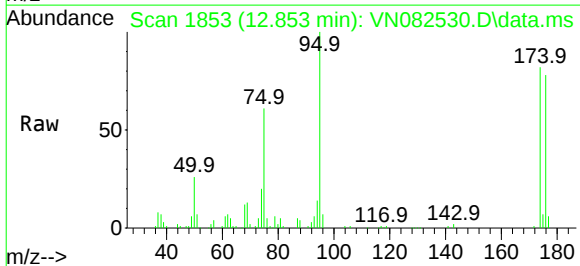
Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

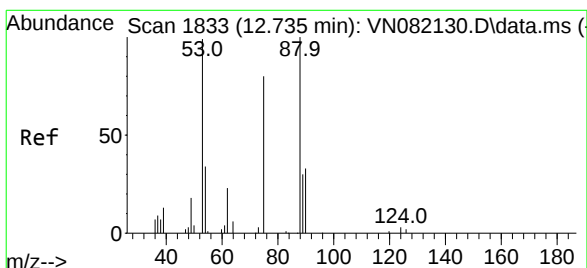
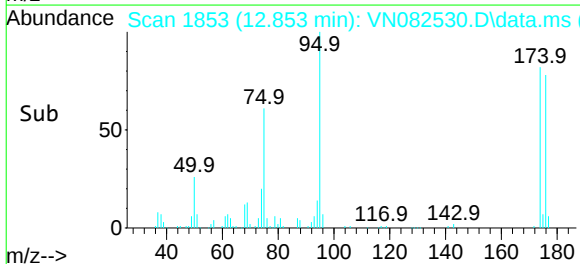
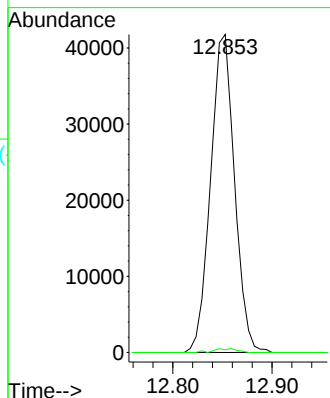


Tgt Ion: 75 Resp: 70169

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.224 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Tgt Ion: 75 Resp: 70169

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

