

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082531.D
 Acq On : 12 Jun 2024 16:10
 Operator : JC\MD
 Sample : P2839-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 17:00:27 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)

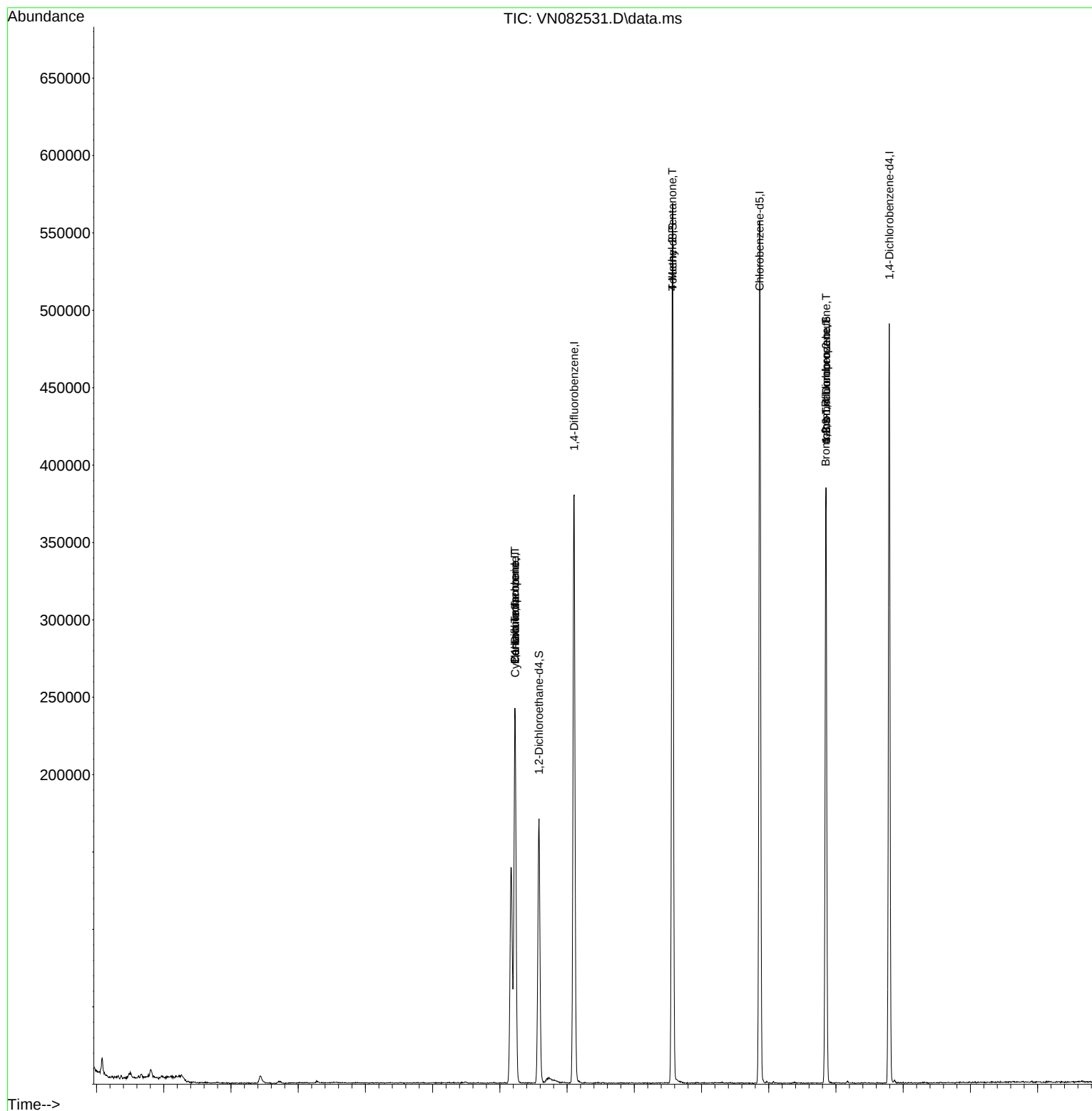
Internal Standards						
1) Pentafluorobenzene	8.224	168	164738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138159	53.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.220%			
35) Dibromofluoromethane	8.171	113	99015	52.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.571	98	373408	51.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.853	95	122015	46.849	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.700%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1348	0.501	ug/l #	88
5) Bromomethane	2.983	94	597	0.410	ug/l	90
11) Tert butyl alcohol	5.530	59	285	0.683	ug/l #	71
16) Acetone	4.442	43	9491	8.894	ug/l	92
25) 2-Butanone	7.500	43	1291	0.798	ug/l #	43
31) Cyclohexane	8.230	56	4483	1.079	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	14913	4.672	ug/l #	49
37) Ethyl Acetate	7.500	43	1291	0.361	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17936	5.543	ug/l #	19
43) Isopropyl Acetate	8.694	43	1925	0.304	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2385	0.663	ug/l #	1
71) Bromoform	12.847	173	845	1.189	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	71757	27.767	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71757	64.945	ug/l #	13

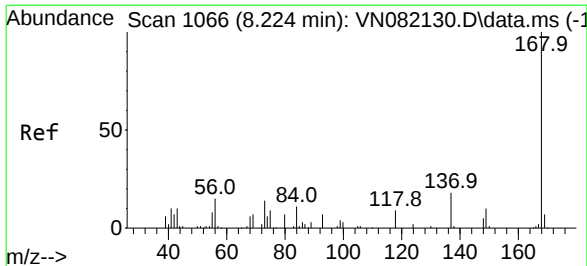
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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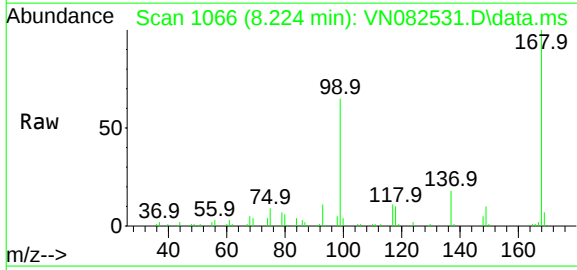
Quant Time: Jun 12 17:00:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



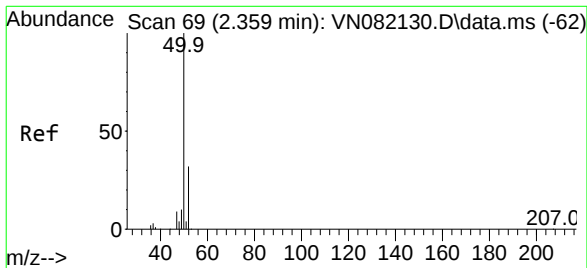
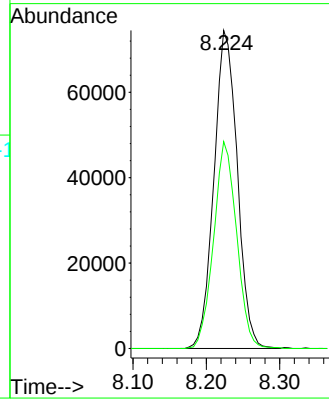
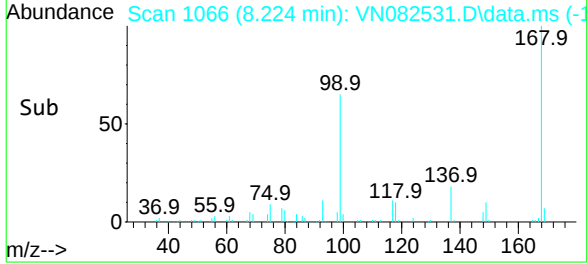


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN082531.D
Acq: 12 Jun 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :

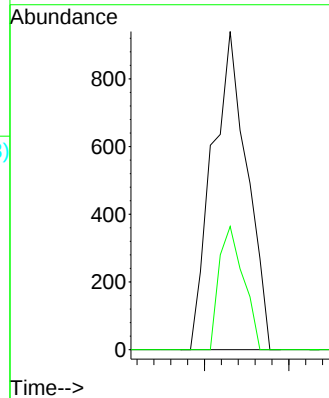
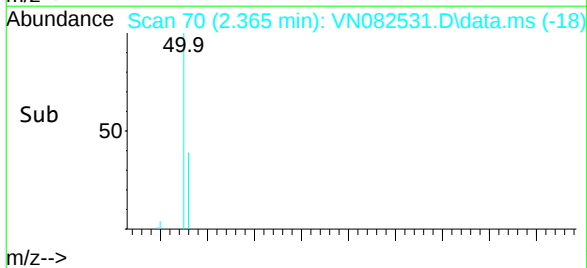
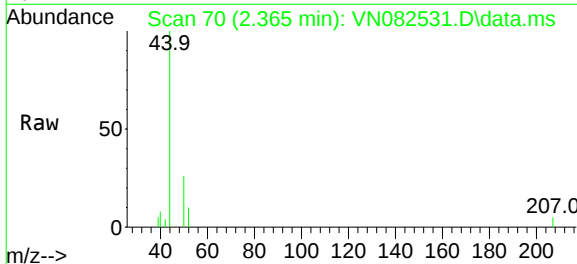


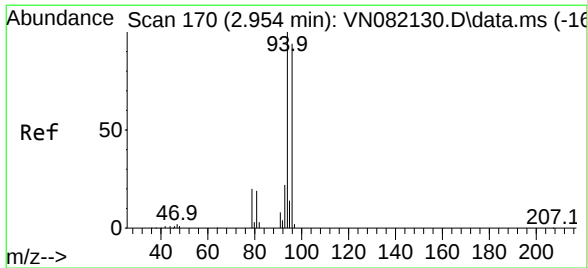
Tgt Ion:168 Resp: 164738
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#3
Chloromethane
Concen: 0.501 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082531.D
Acq: 12 Jun 2024 16:10

Tgt Ion: 50 Resp: 1348
Ion Ratio Lower Upper
50 100
52 38.7 25.5 38.3#





#5

Bromomethane

Concen: 0.410 ug/l

RT: 2.983 min Scan# 17

Delta R.T. 0.029 min

Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Instrument :

MSVOA_N

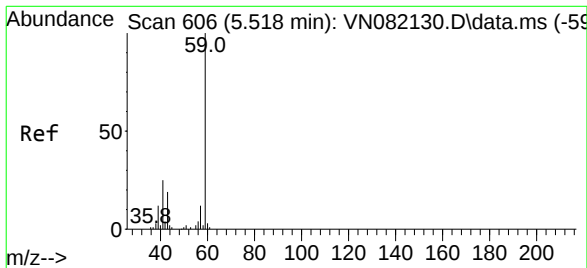
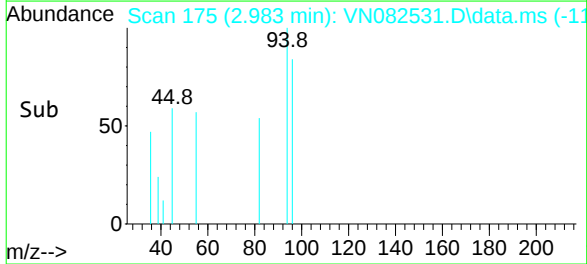
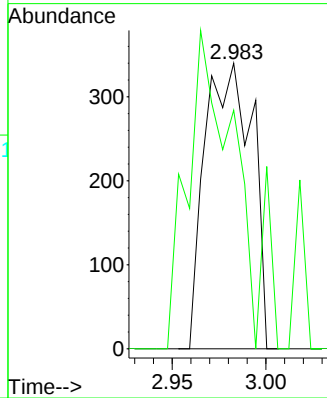
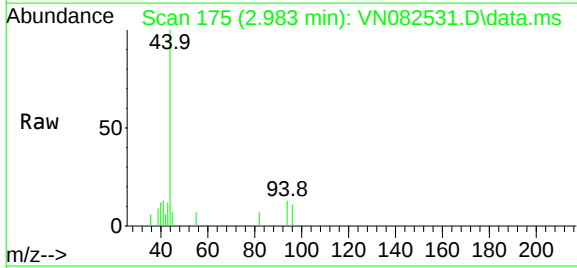
ClientSampleId :

Tgt Ion: 94 Resp: 597

Ion Ratio Lower Upper

94 100

96 83.5 74.8 112.2



#11

Tert butyl alcohol

Concen: 0.683 ug/l

RT: 5.530 min Scan# 608

Delta R.T. 0.012 min

Lab File: VN082531.D

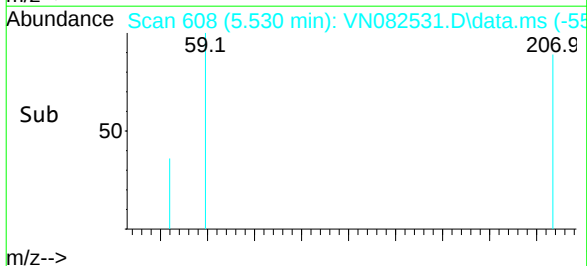
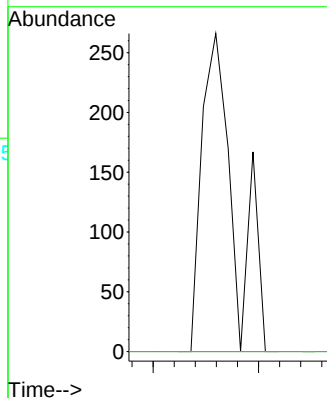
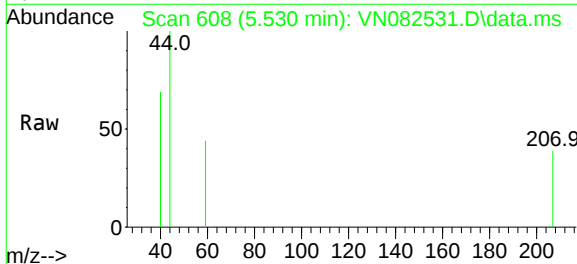
Acq: 12 Jun 2024 16:10

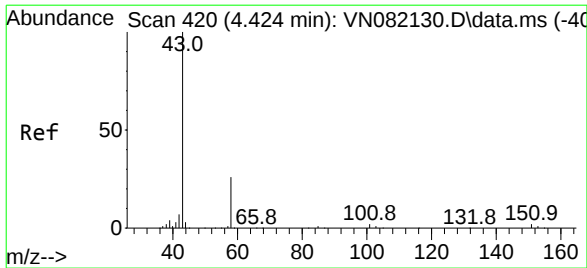
Tgt Ion: 59 Resp: 285

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#





#16

Acetone

Concen: 8.894 ug/l

RT: 4.442 min Scan# 42

Delta R.T. 0.018 min

Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Instrument :

MSVOA_N

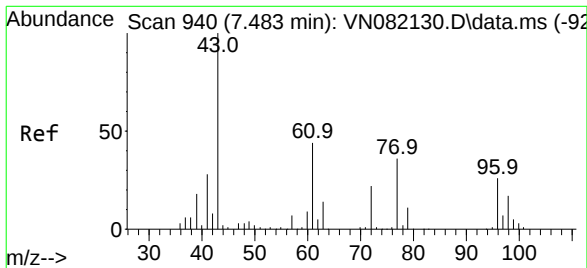
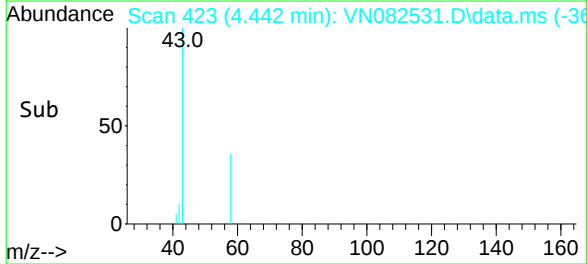
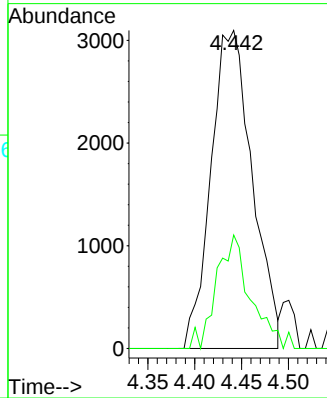
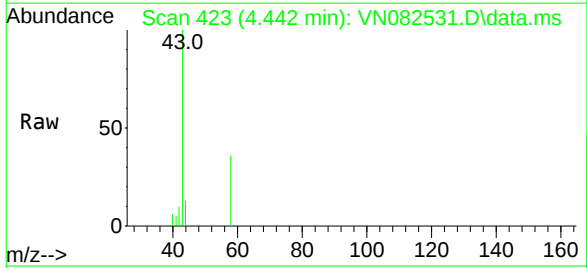
ClientSampleId :

Tgt Ion: 43 Resp: 9491

Ion Ratio Lower Upper

43 100

58 35.7 25.2 37.8



#25

2-Butanone

Concen: 0.798 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.018 min

Lab File: VN082531.D

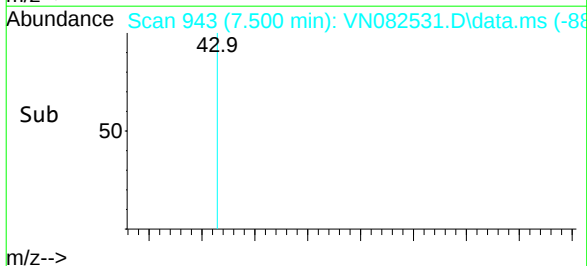
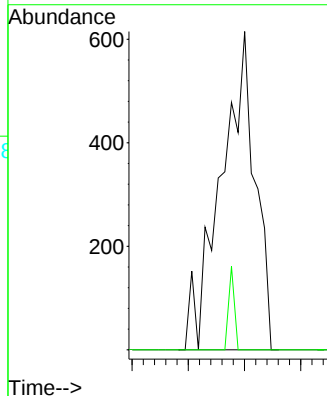
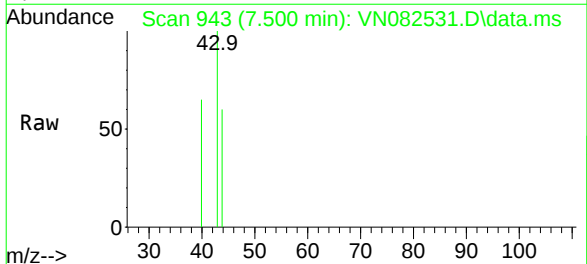
Acq: 12 Jun 2024 16:10

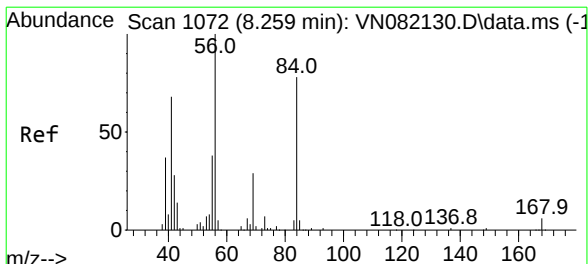
Tgt Ion: 43 Resp: 1291

Ion Ratio Lower Upper

43 100

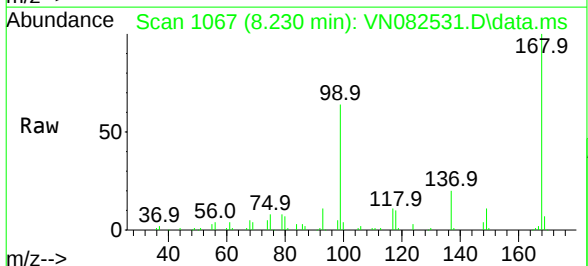
72 0.0 25.3 37.9#



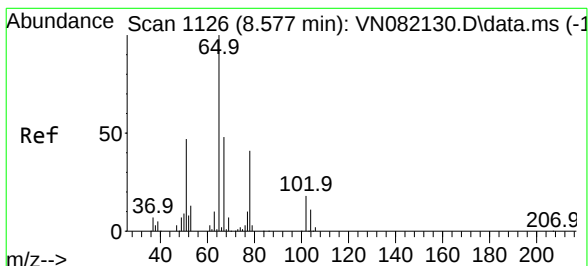
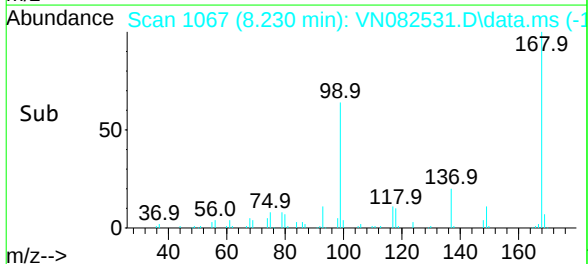
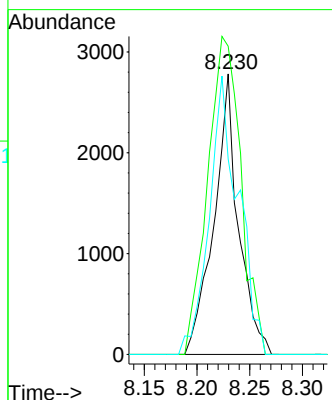


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.030 min
Lab File: VN082531.D
Acq: 12 Jun 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :

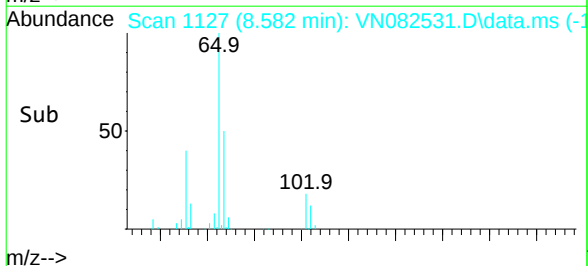
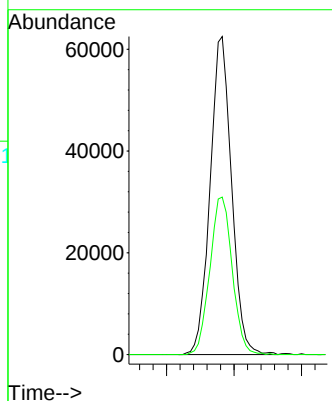
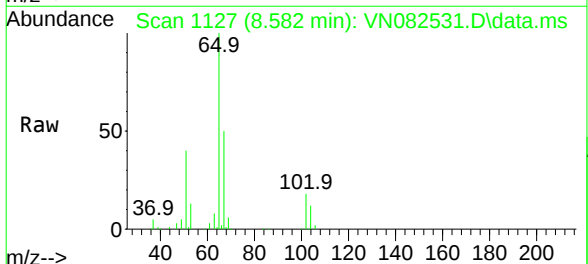


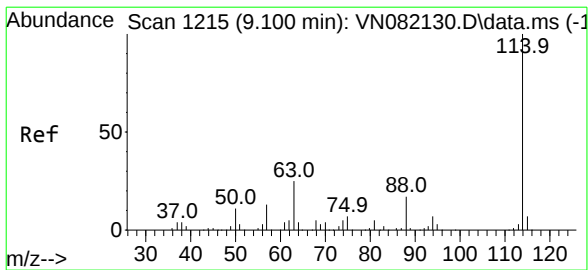
Tgt Ion: 56 Resp: 4483
Ion Ratio Lower Upper
56 100
69 109.9 24.4 36.6#
84 69.7 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 53.112 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082531.D
Acq: 12 Jun 2024 16:10

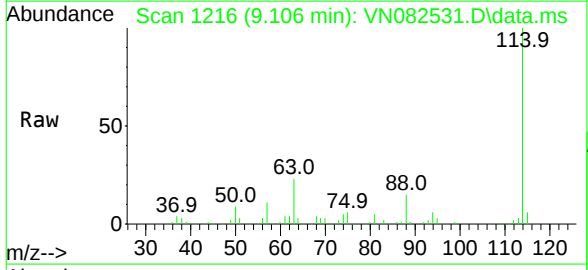
Tgt Ion: 65 Resp: 138159
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



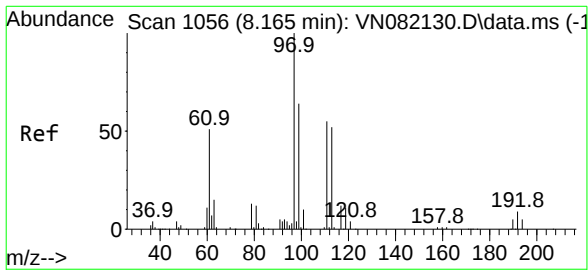
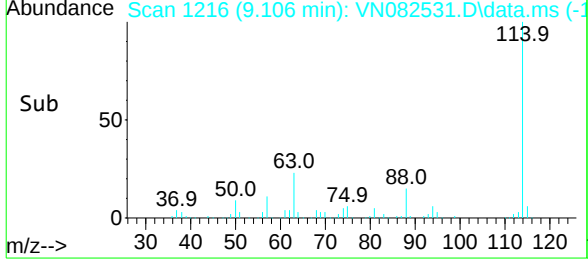
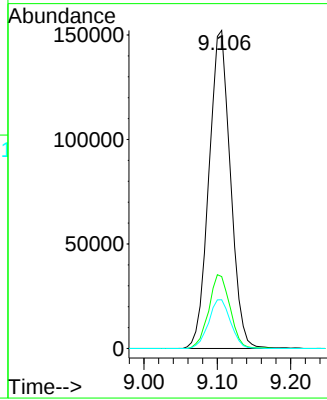


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082531.D
 Acq: 12 Jun 2024 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

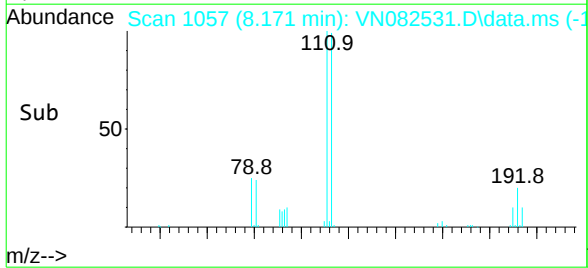
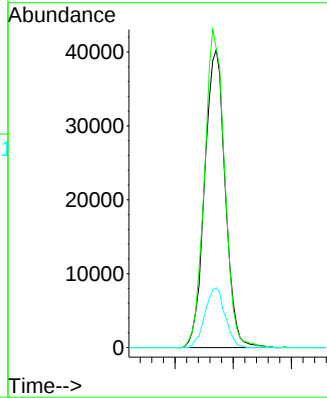
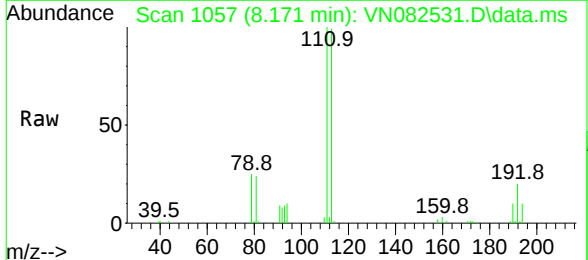


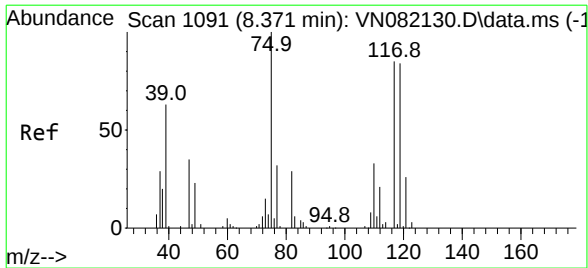
Tgt Ion:	114	Resp:	309395
Ion Ratio	Lower	Upper	
114	100		
63	22.6	0.0	41.0
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 52.024 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082531.D
 Acq: 12 Jun 2024 16:10

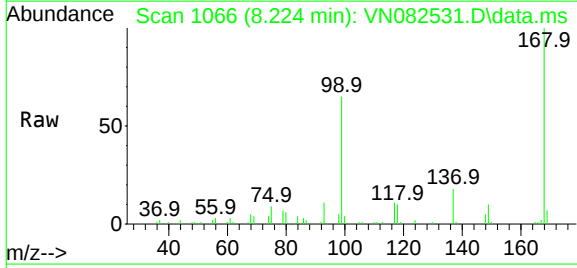
Tgt Ion:	113	Resp:	99015
Ion Ratio	Lower	Upper	
113	100		
111	104.7	83.4	125.2
192	19.6	14.0	21.0



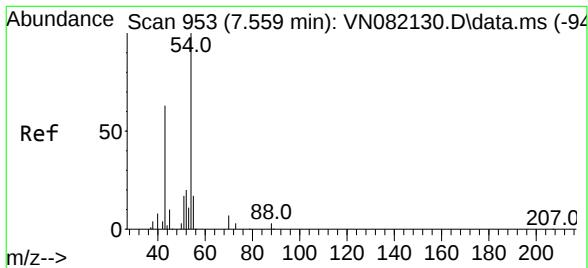
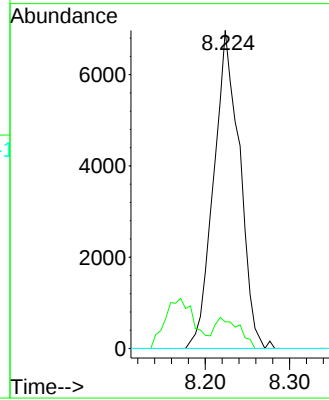
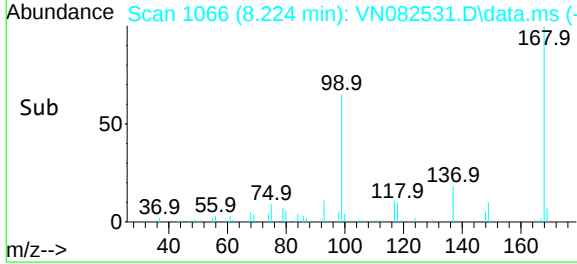


#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.147 min
Lab File: VN082531.D
Acq: 12 Jun 2024 16:10

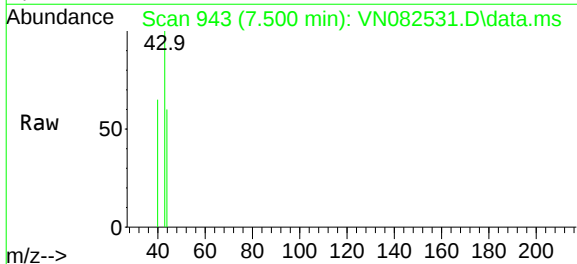
Instrument :
MSVOA_N
ClientSampleId :



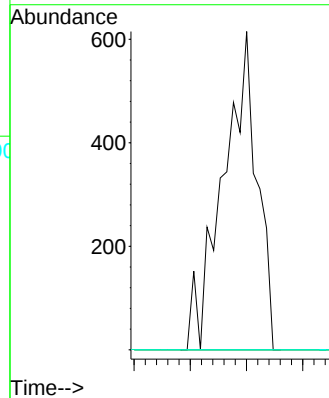
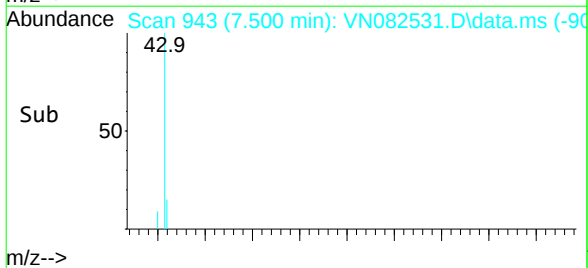
Tgt Ion: 75 Resp: 14913
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#

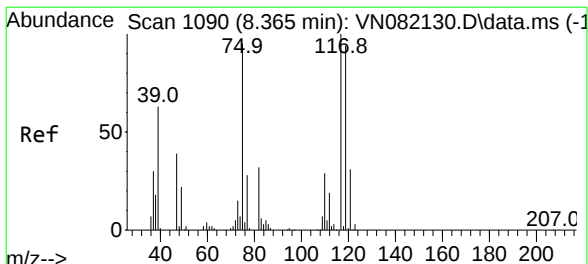


#37
Ethyl Acetate
Concen: 0.361 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.059 min
Lab File: VN082531.D
Acq: 12 Jun 2024 16:10



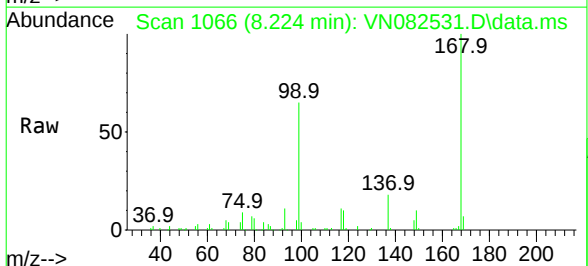
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



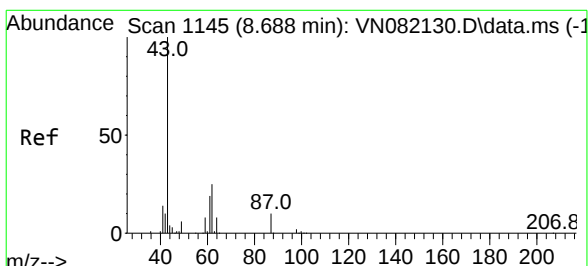
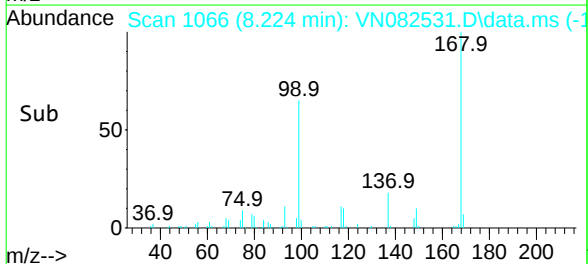
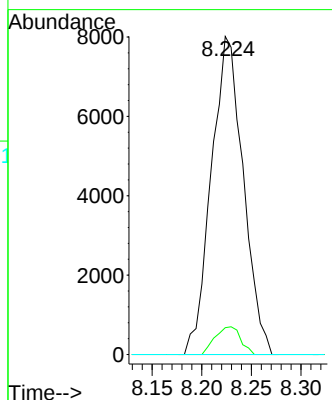


#38
 Carbon Tetrachloride
 Concen: 5.543 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.141 min
 Lab File: VN082531.D
 Acq: 12 Jun 2024 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

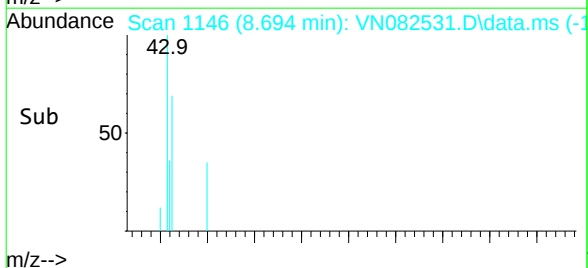
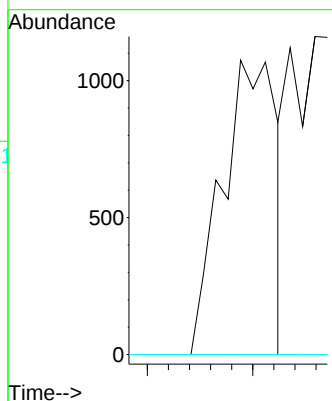
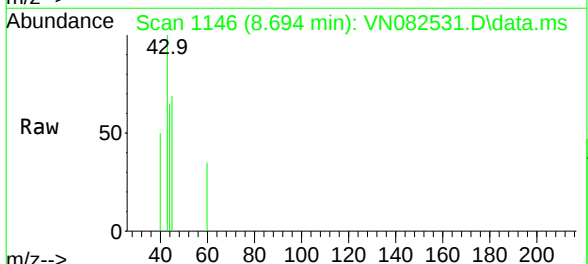


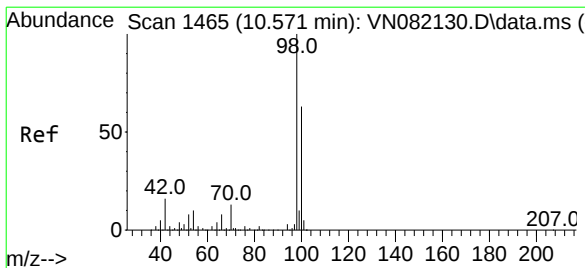
Tgt Ion:	117	Resp:	17936
Ion	Ratio	Lower	Upper
117	100		
119	8.4	76.5	114.7#
121	0.0	23.9	35.9#



#43
 Isopropyl Acetate
 Concen: 0.304 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. 0.006 min
 Lab File: VN082531.D
 Acq: 12 Jun 2024 16:10

Tgt Ion:	43	Resp:	1925
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	12.0	18.0#





#50

Toluene-d8

Concen: 51.173 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Instrument :

MSVOA_N

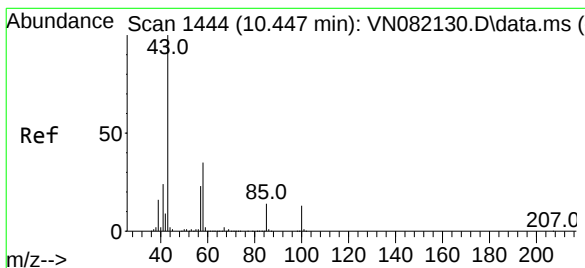
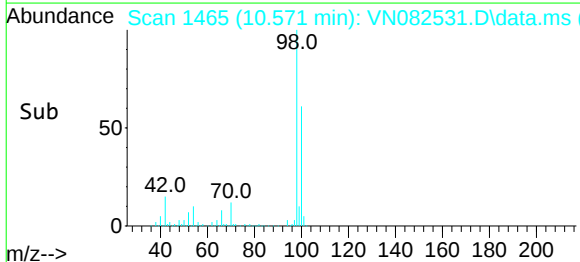
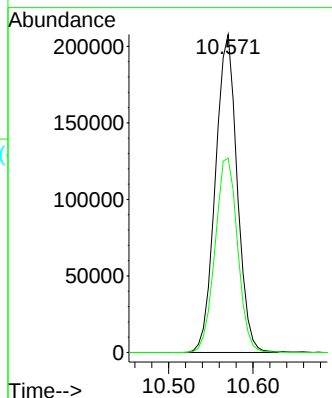
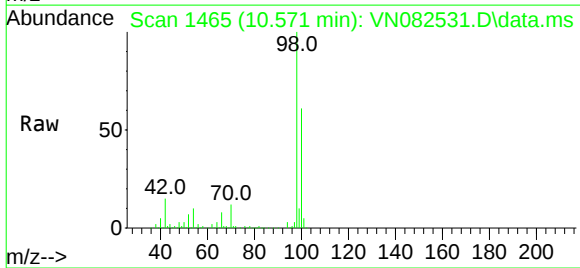
ClientSampleId :

Tgt Ion: 98 Resp: 373408

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.663 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082531.D

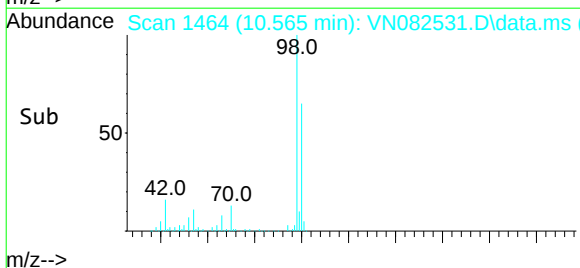
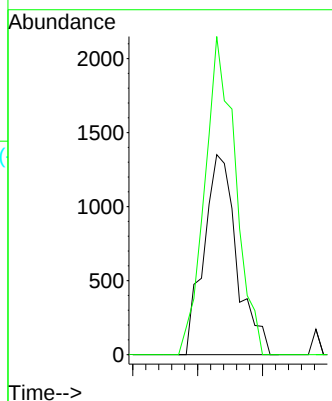
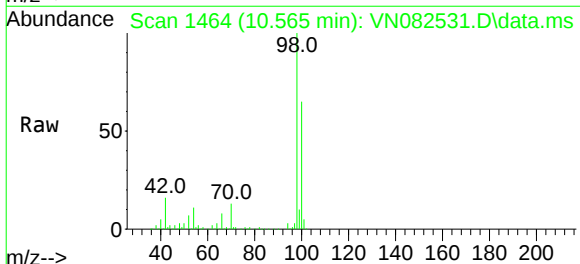
Acq: 12 Jun 2024 16:10

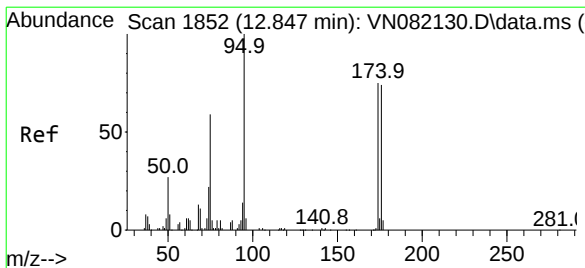
Tgt Ion: 43 Resp: 2385

Ion Ratio Lower Upper

43 100

58 148.3 33.2 49.8#





#62

4-Bromofluorobenzene

Concen: 46.849 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

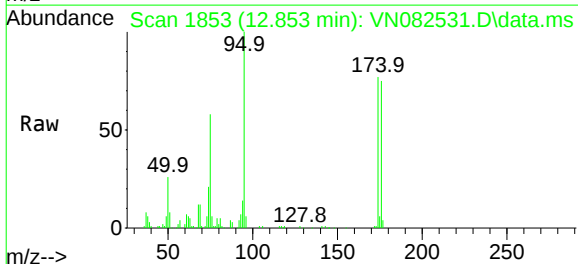
Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :



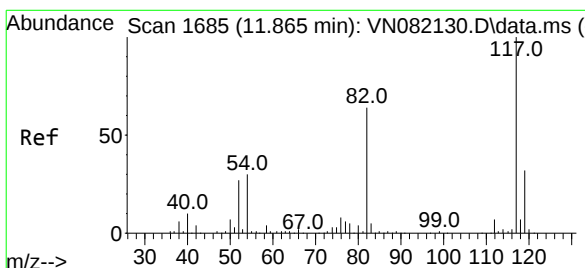
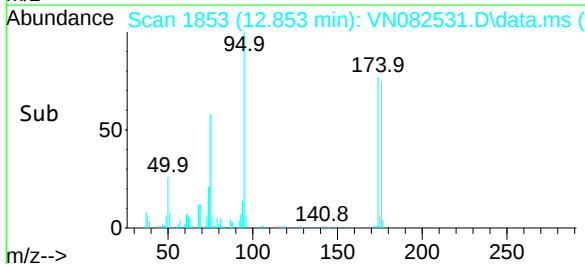
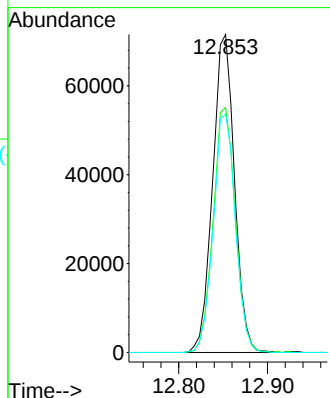
Tgt Ion: 95 Resp: 122015

Ion Ratio Lower Upper

95 100

174 78.8 0.0 160.6

176 76.1 0.0 152.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

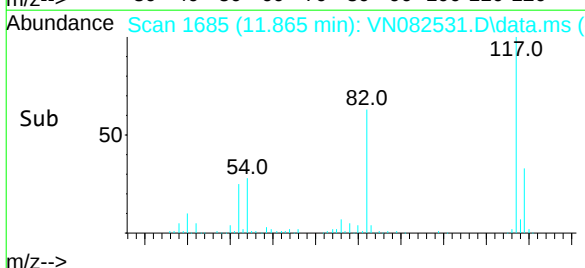
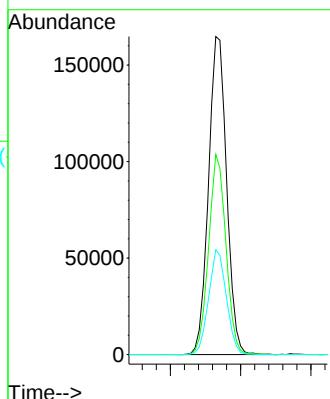
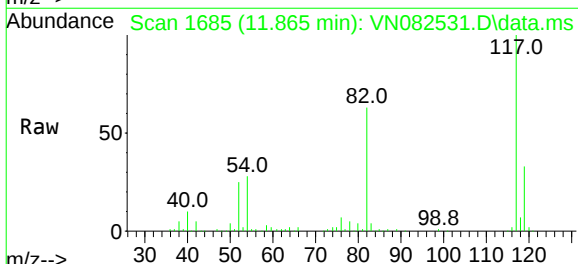
Tgt Ion: 117 Resp: 295297

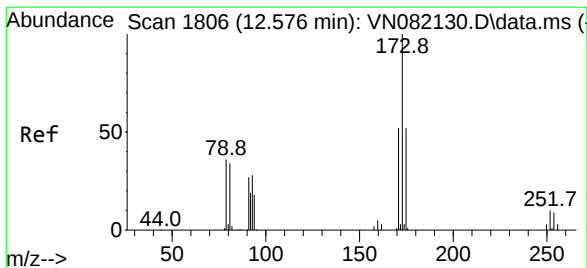
Ion Ratio Lower Upper

117 100

82 62.9 44.6 66.8

119 33.0 25.9 38.9





#71

Bromoform

Concen: 1.189 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.271 min

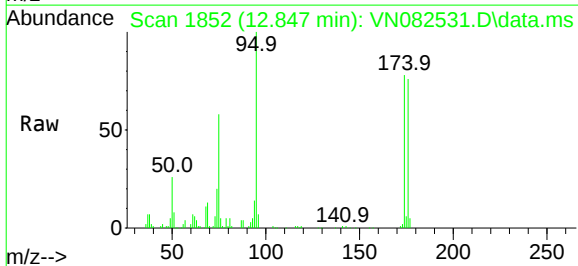
Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

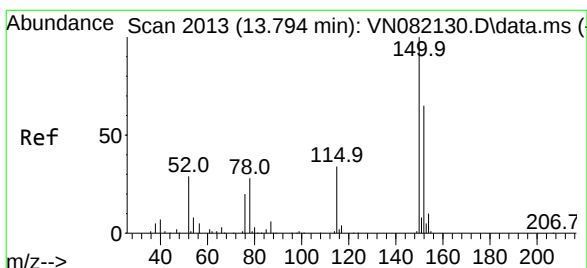
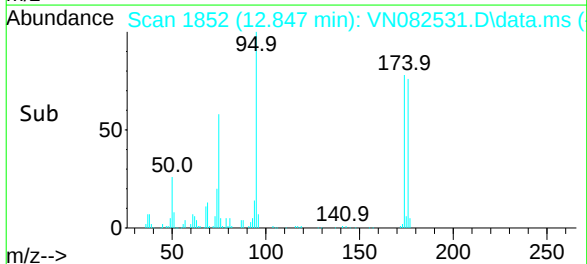
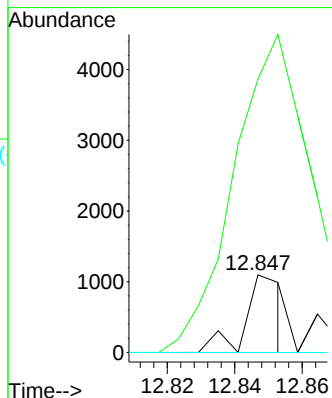
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	845
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

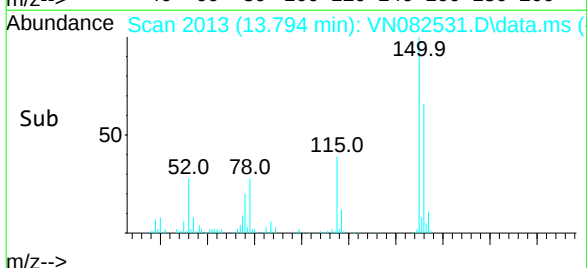
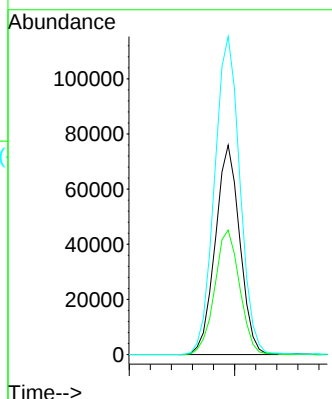
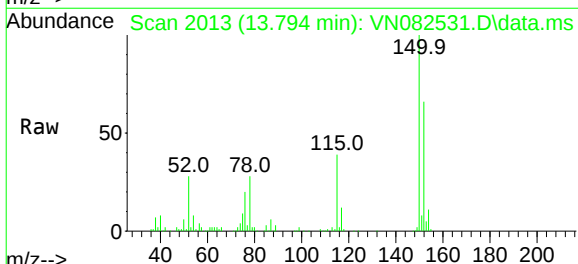
RT: 13.794 min Scan# 2013

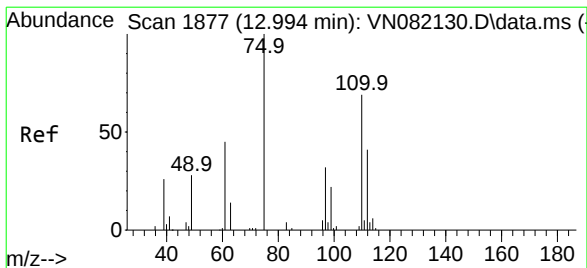
Delta R.T. -0.000 min

Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Tgt Ion:	152	Resp:	122783
Ion Ratio	Lower	Upper	
152	100		
115	60.5	30.4	91.3
150	157.3	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 27.767 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.141 min

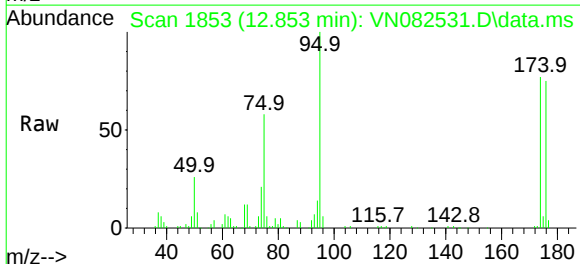
Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

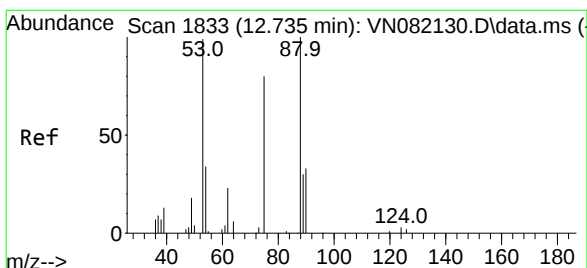
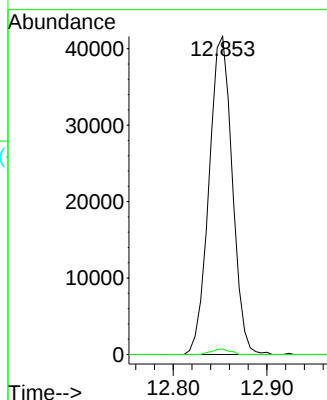
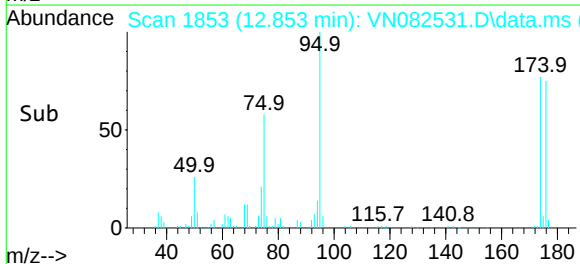


Tgt Ion: 75 Resp: 71757

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.945 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082531.D

Acq: 12 Jun 2024 16:10

Tgt Ion: 75 Resp: 71757

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

