

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083164.D
 Acq On : 08 Aug 2024 18:35
 Operator : JC\MD
 Sample : P3393-24ME
 Misc : 7.60g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 09 01:08:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

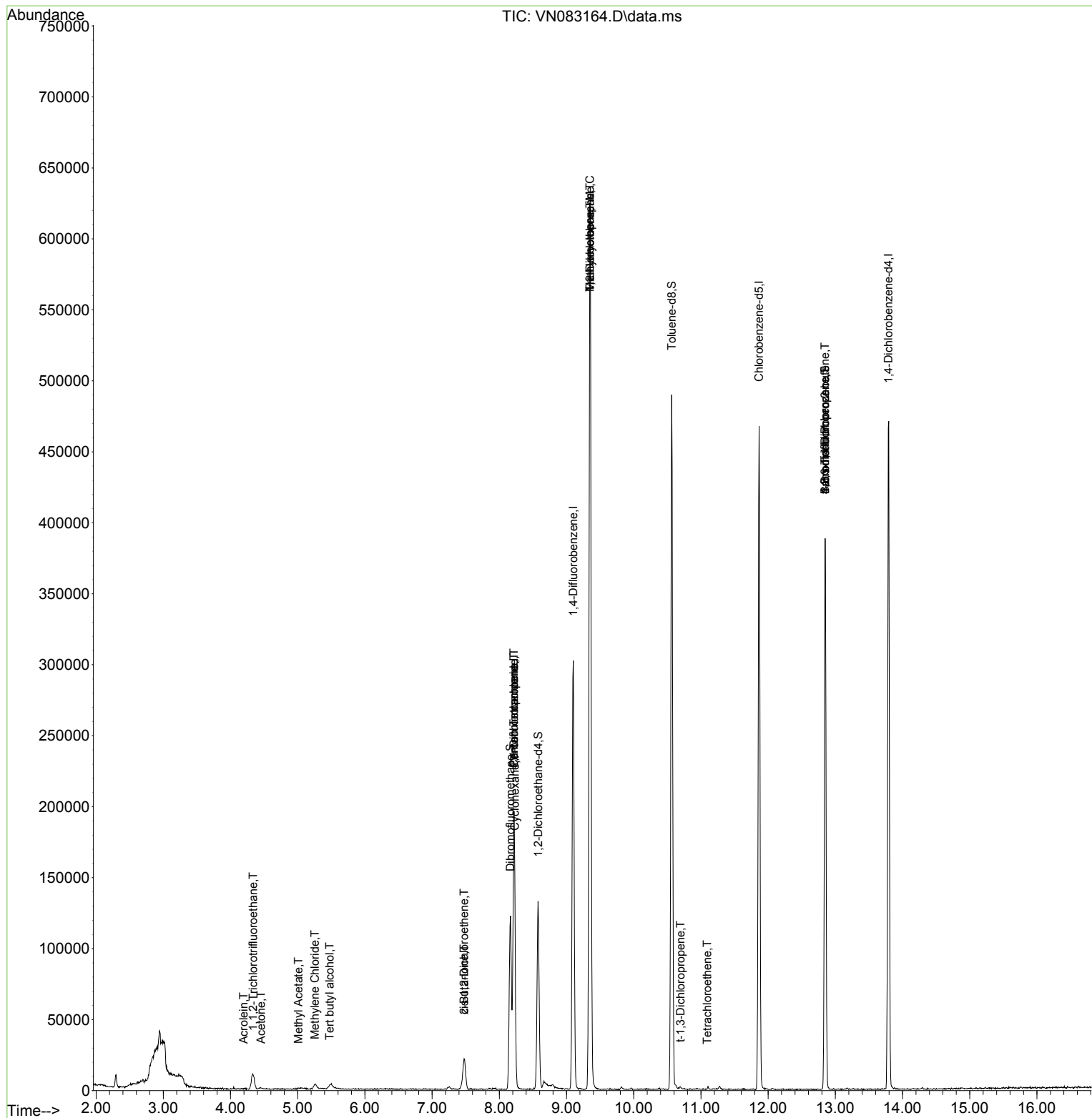
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	138137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108187	55.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.040%
35) Dibromofluoromethane	8.165	113	86532	53.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.620%
50) Toluene-d8	10.565	98	332825	55.485	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.980%
62) 4-Bromofluorobenzene	12.847	95	141271	60.410	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	120.820%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.336	101	8211	5.509	ug/l #	83
11) Tert butyl alcohol	5.477	59	1393	3.409	ug/l #	71
13) Acrolein	4.195	56	60	0.225	ug/l #	14
16) Acetone	4.454	43	1394	1.812	ug/l #	48
18) Methyl Acetate	5.012	43	842	0.367	ug/l #	74
20) Methylene Chloride	5.254	84	1613	0.911	ug/l	94
25) 2-Butanone	7.477	43	406	0.344	ug/l #	53
27) cis-1,2-Dichloroethene	7.477	96	12128	6.350	ug/l	78
31) Cyclohexane	8.230	56	3085	1.059	ug/l #	36
36) 1,1-Dichloropropene	8.218	75	11986	4.927	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15304	5.586	ug/l #	16
39) Methylcyclohexane	9.347	83	2946	0.986	ug/l #	1
43) Isopropyl Acetate	8.665	43	7140	Below Cal	#	60
44) Trichloroethene	9.347	130	222521	129.009	ug/l	94
45) 1,2-Dichloropropane	9.347	63	731	0.425	ug/l #	1
53) t-1,3-Dichloropropene	10.694	75	625	0.220	ug/l	94
64) Tetrachloroethene	11.094	164	384	0.224	ug/l #	28
71) Bromoform	12.847	173	585	0.383	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75735	28.098	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75735	61.121	ug/l #	6

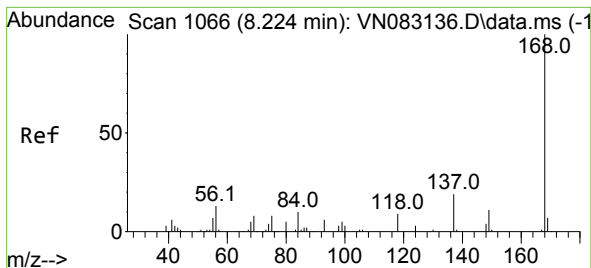
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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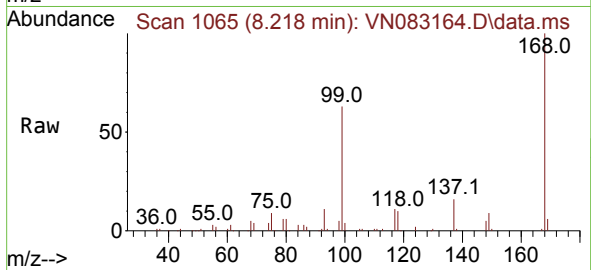
Quant Time: Aug 09 01:08:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



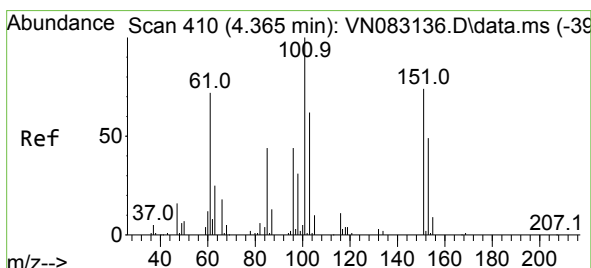
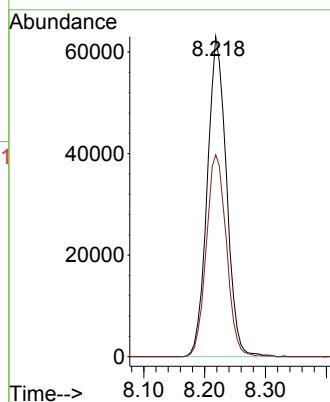
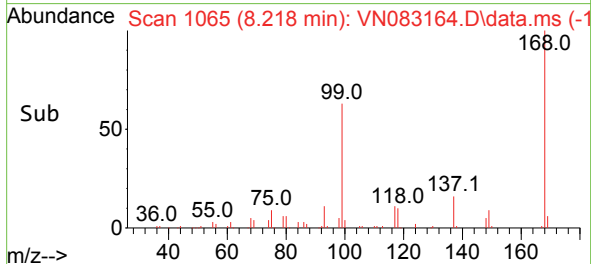


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

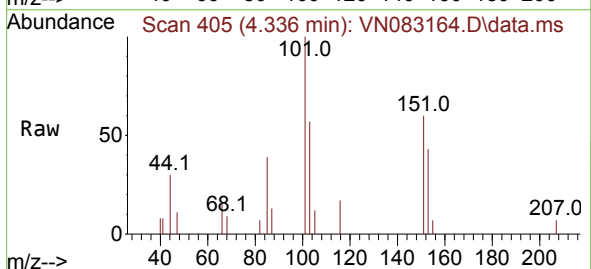
Instrument :
MSVOA_N
ClientSampleId :



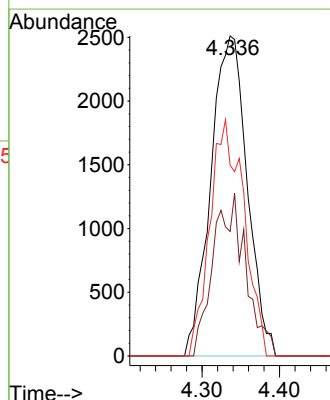
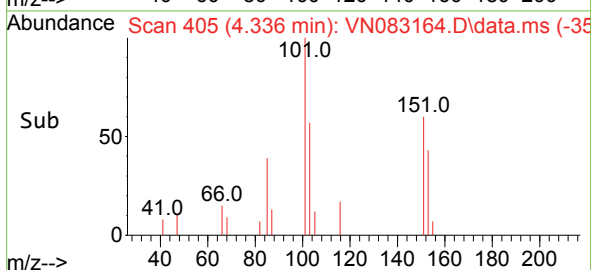
Tgt Ion:168 Resp: 138137
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4

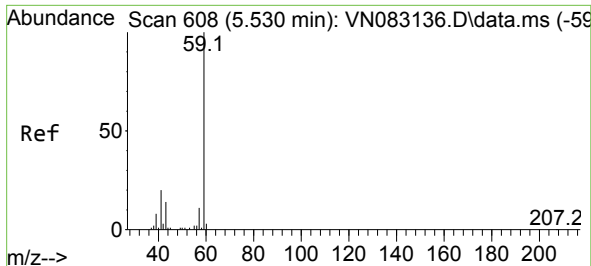


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.509 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.029 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35



Tgt Ion:101 Resp: 8211
Ion Ratio Lower Upper
101 100
85 25.1 38.3 57.5#
151 68.8 59.3 88.9





#11

Tert butyl alcohol

Concen: 3.409 ug/l

RT: 5.477 min Scan# 59

Delta R.T. -0.053 min

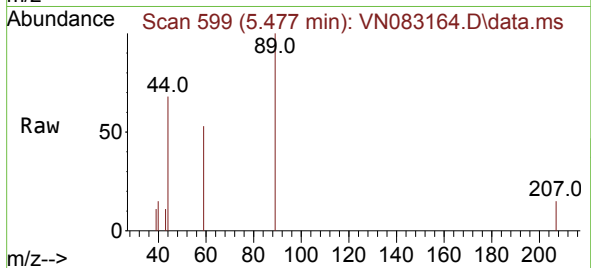
Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

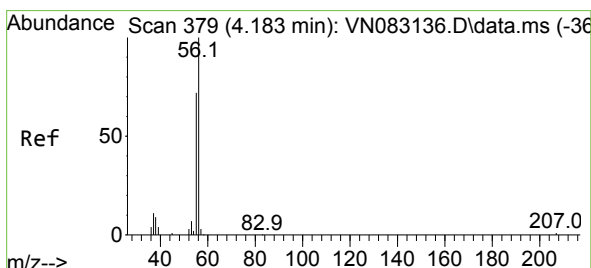
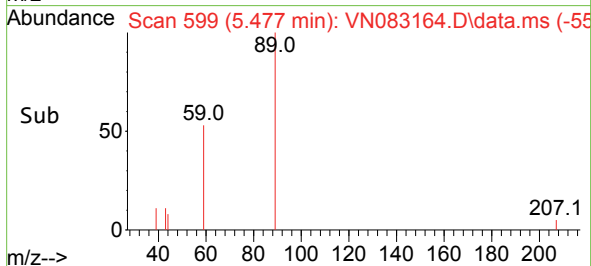
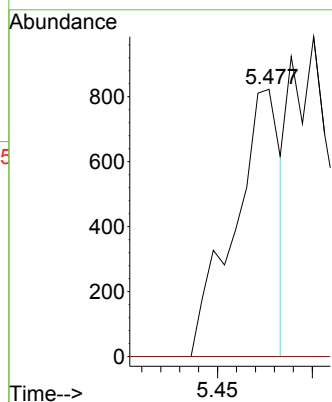


Tgt Ion: 59 Resp: 1393

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#13

Acrolein

Concen: 0.225 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.012 min

Lab File: VN083164.D

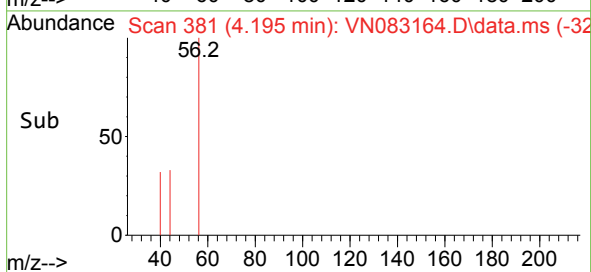
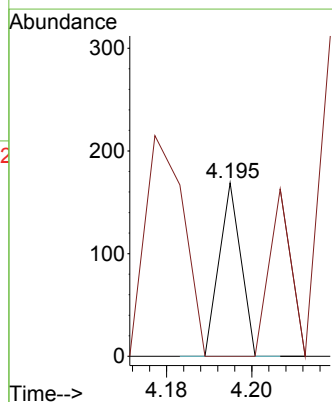
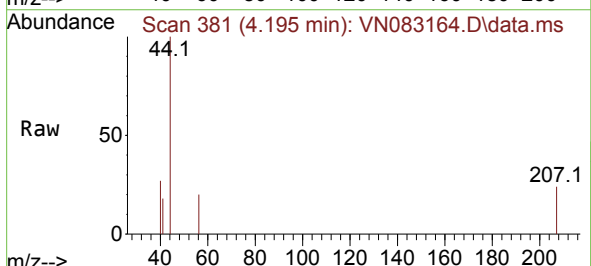
Acq: 08 Aug 2024 18:35

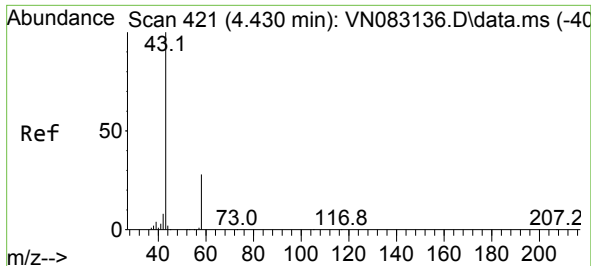
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

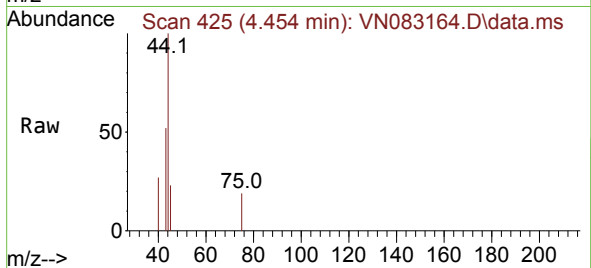
55 0.0 56.4 84.6#



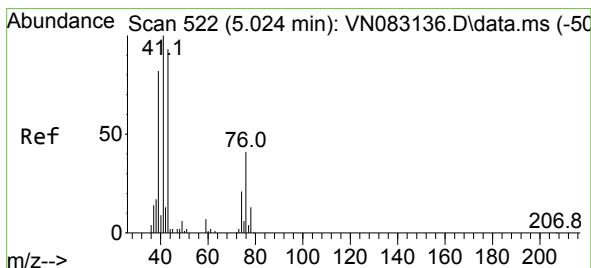
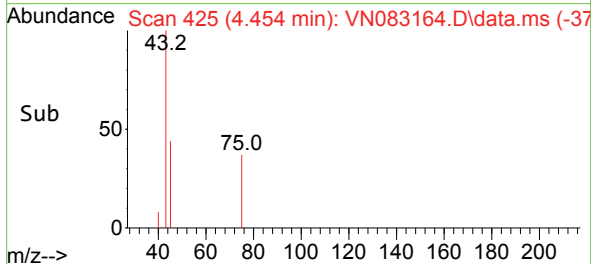
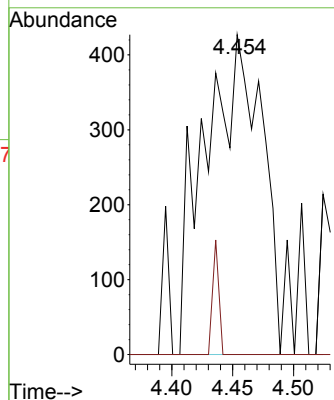


#16
Acetone
Concen: 1.812 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :

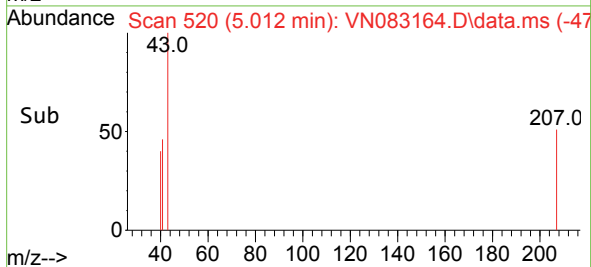
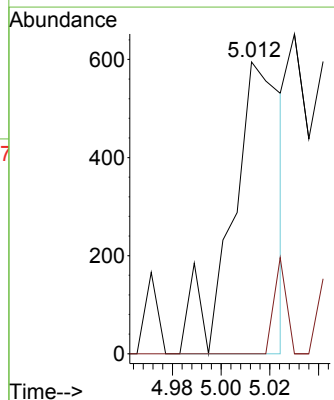
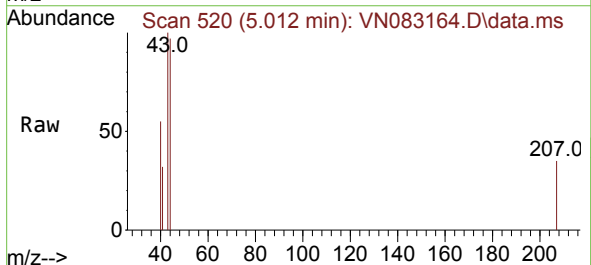


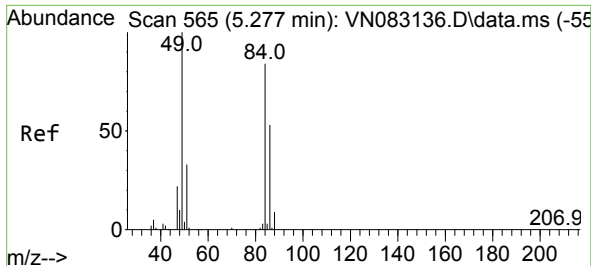
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.011 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
74 8.2 16.3 24.5#





#20

Methylene Chloride

Concen: 0.911 ug/l

RT: 5.254 min Scan# 5

Delta R.T. -0.023 min

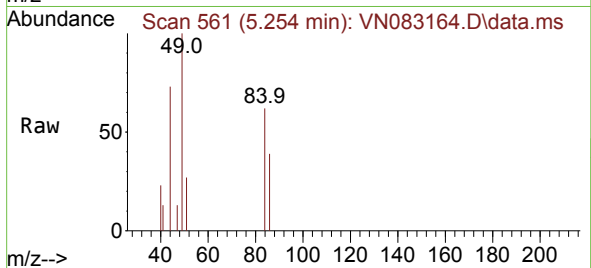
Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 1613

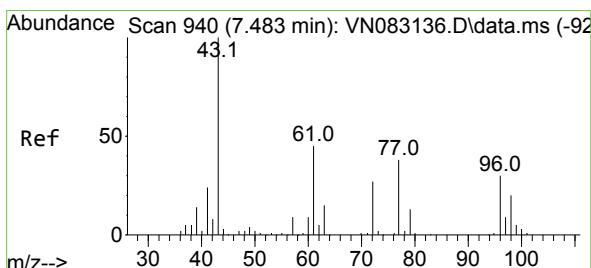
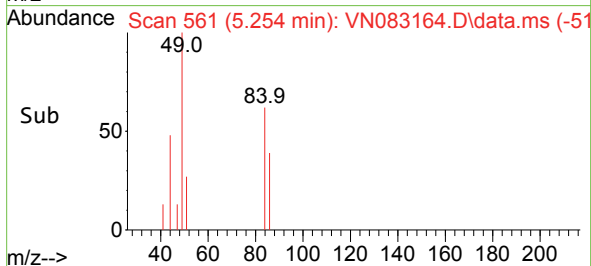
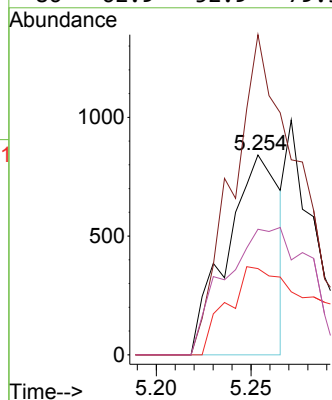
Ion Ratio Lower Upper

84 100

49 160.3 119.6 179.4

51 43.2 34.8 52.2

86 62.9 52.9 79.3



#25

2-Butanone

Concen: 0.344 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN083164.D

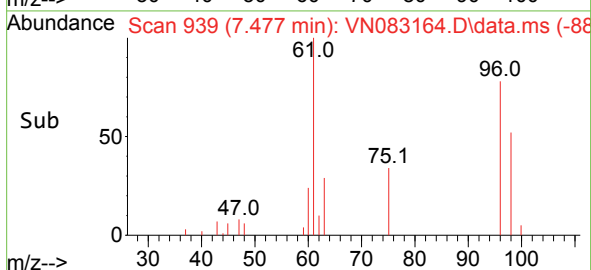
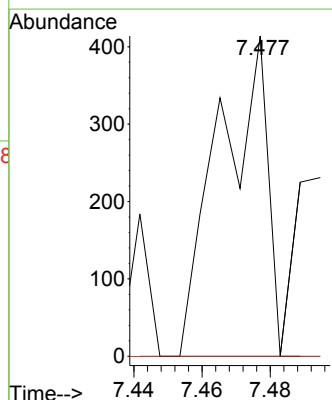
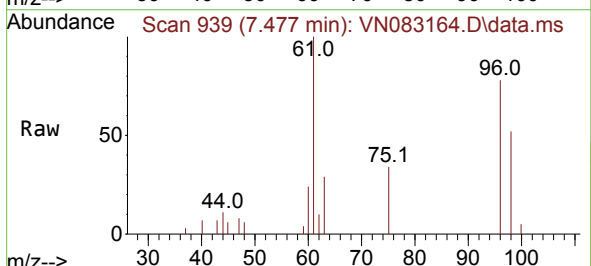
Acq: 08 Aug 2024 18:35

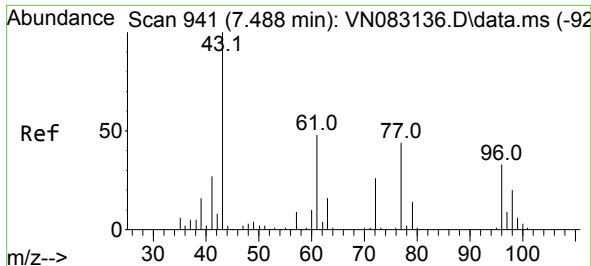
Tgt Ion: 43 Resp: 406

Ion Ratio Lower Upper

43 100

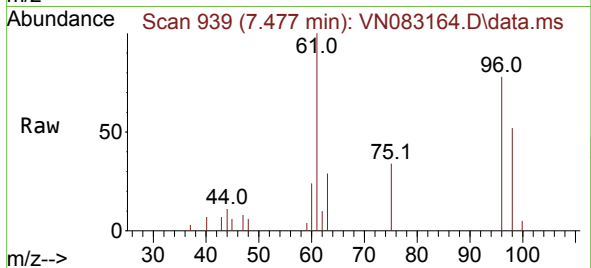
72 0.0 18.2 27.2#



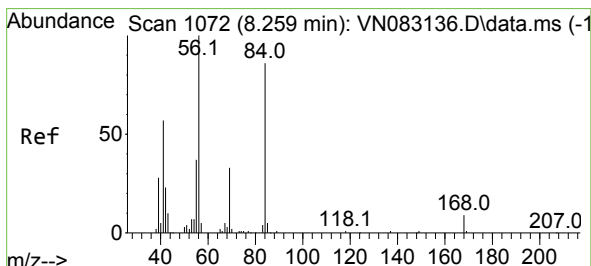
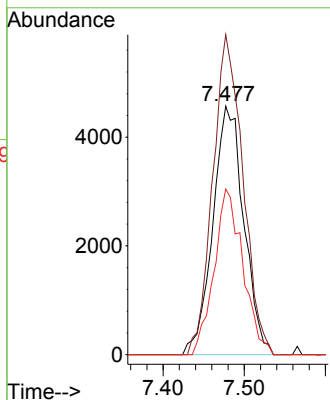
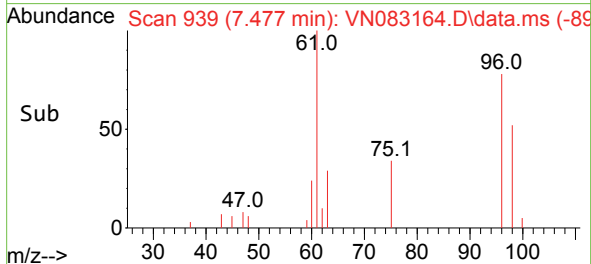


#27
 cis-1,2-Dichloroethene
 Concen: 6.350 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.011 min
 Lab File: VN083164.D
 Acq: 08 Aug 2024 18:35

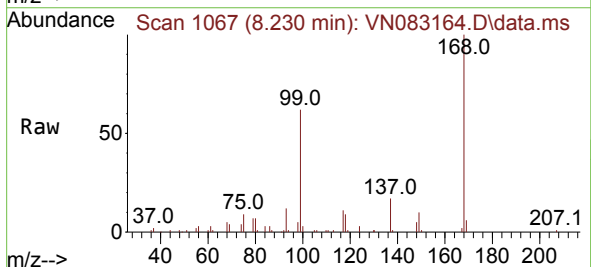
Instrument :
 MSVOA_N
 ClientSampleId :



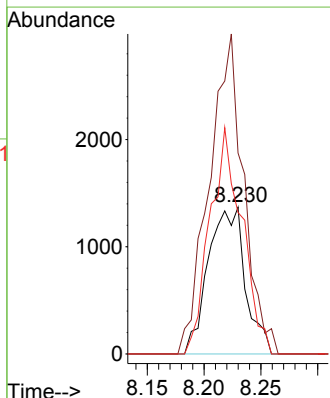
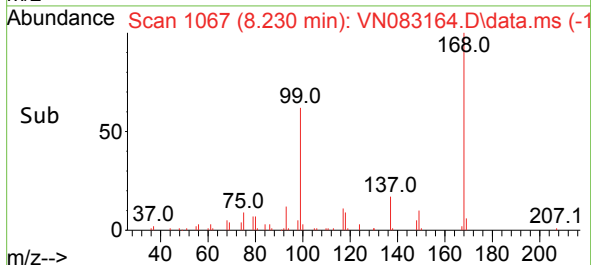
Tgt Ion: 96	Resp: 12128
Ion Ratio	Lower Upper
96 100	
61 124.9	0.0 329.6
98 61.8	0.0 128.6

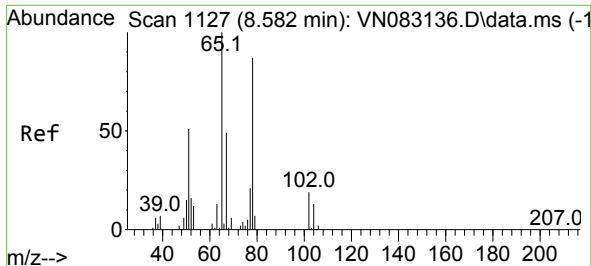


#31
 Cyclohexane
 Concen: 1.059 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.029 min
 Lab File: VN083164.D
 Acq: 08 Aug 2024 18:35



Tgt Ion: 56	Resp: 3085
Ion Ratio	Lower Upper
56 100	
69 137.1	24.5 36.7#
84 96.4	66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 55.023 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

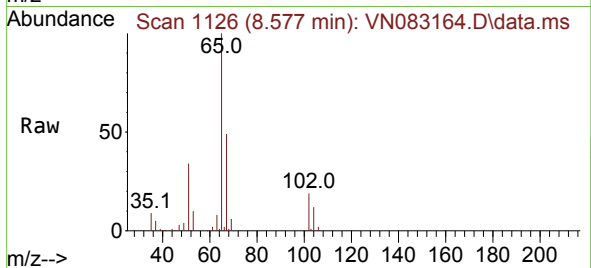
Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

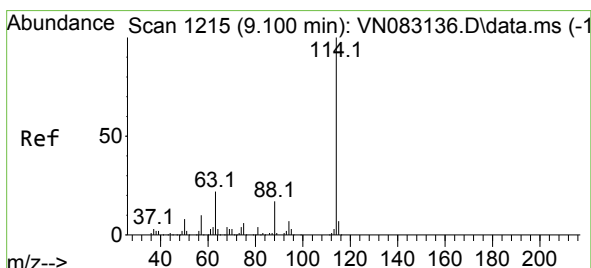
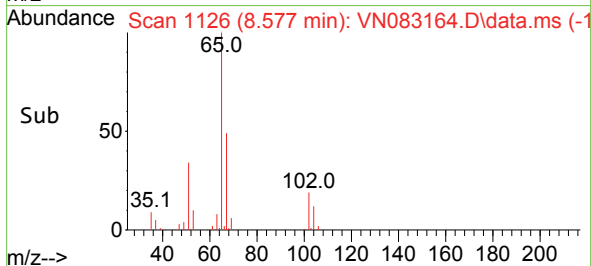
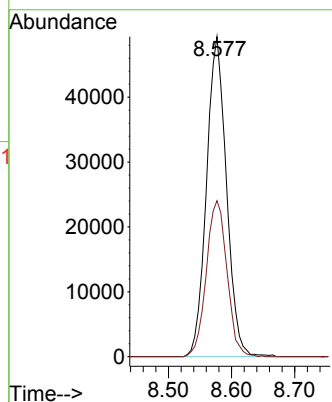


Tgt Ion: 65 Resp: 108187

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

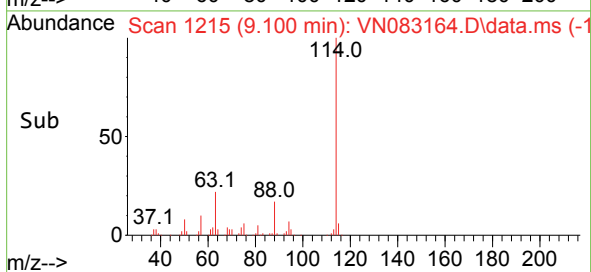
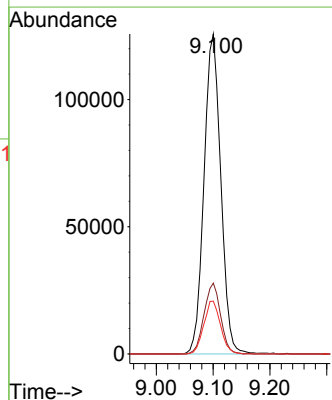
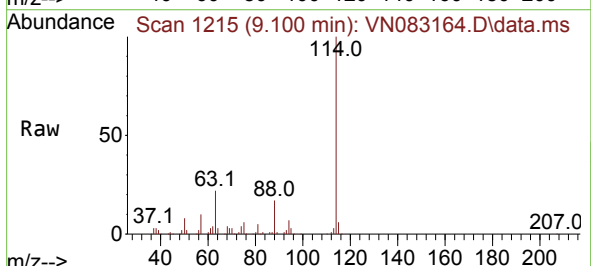
Tgt Ion: 114 Resp: 257628

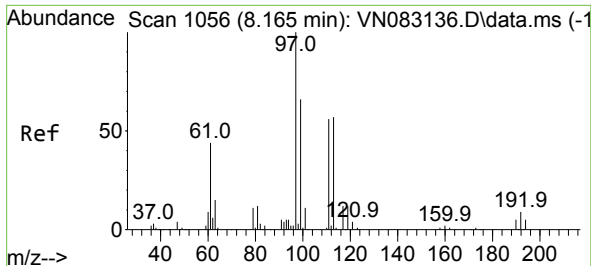
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

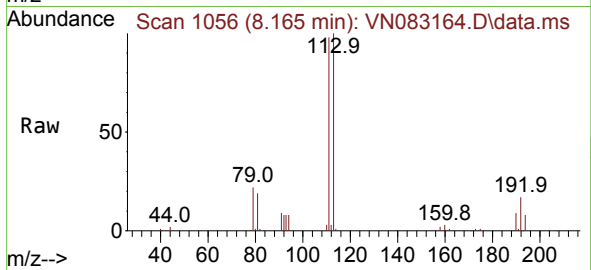
88 16.5 0.0 31.4



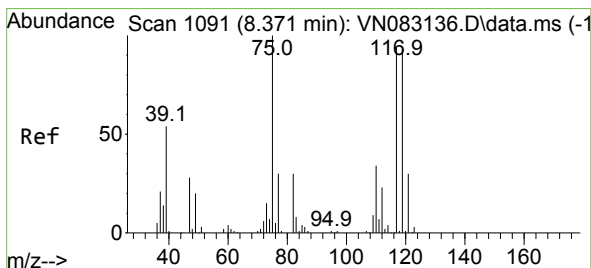
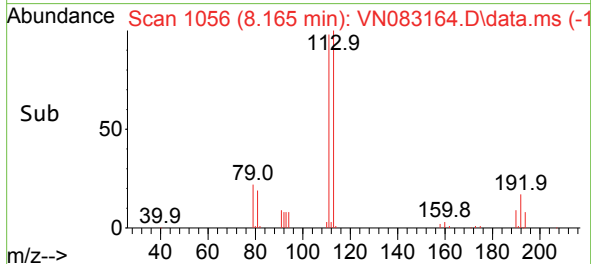
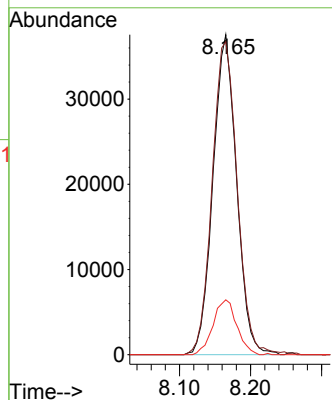


#35
Dibromofluoromethane
Concen: 53.811 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :

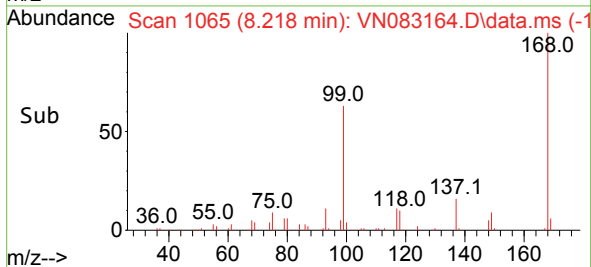
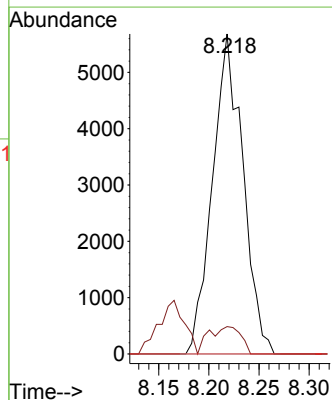
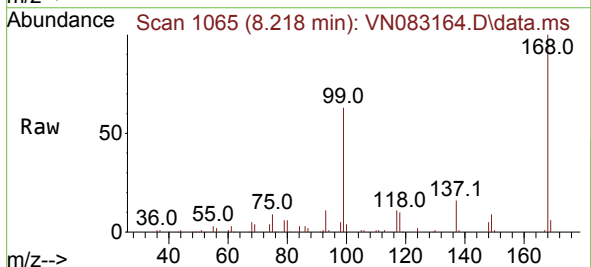


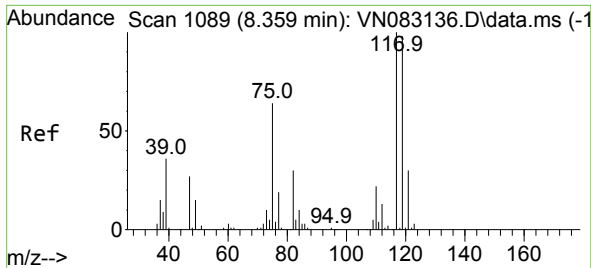
Tgt Ion:113 Resp: 86532
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 17.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

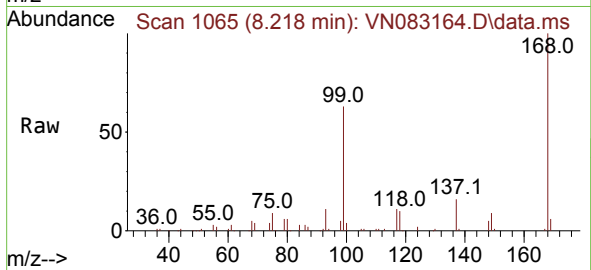
Tgt Ion: 75 Resp: 11986
Ion Ratio Lower Upper
75 100
110 9.0 16.3 48.9#
77 0.0 24.6 37.0#



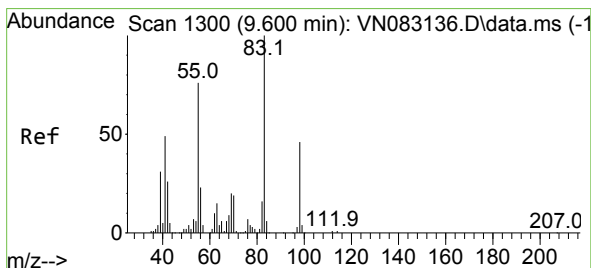
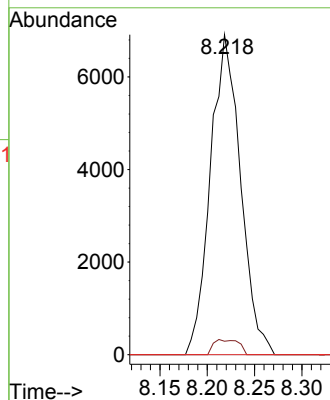
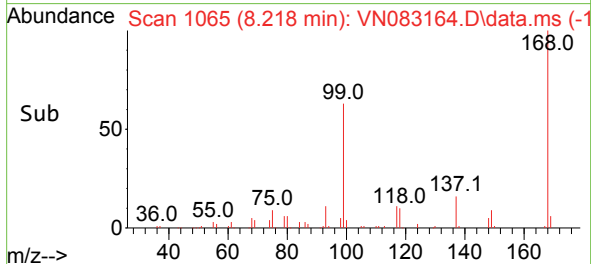


#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

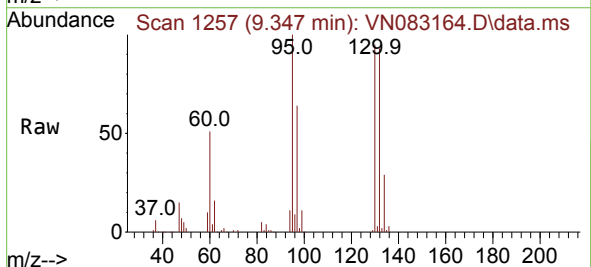
Instrument :
MSVOA_N
ClientSampleId :



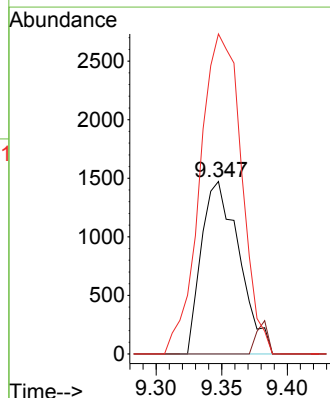
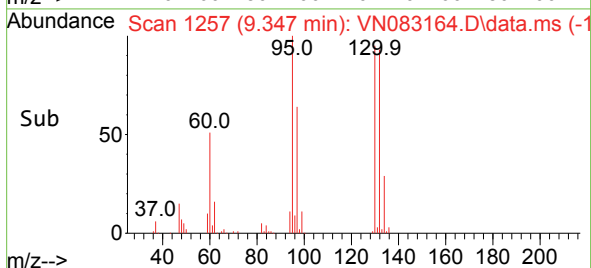
Tgt Ion:117 Resp: 15304
Ion Ratio Lower Upper
117 100
119 4.2 74.9 112.3#
121 0.0 24.3 36.5#

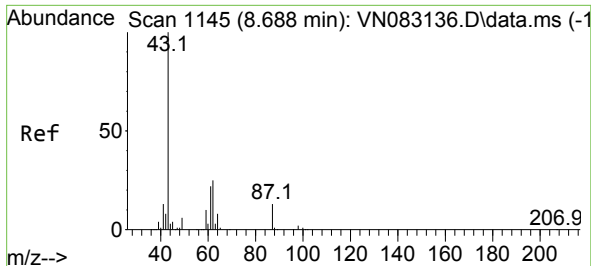


#39
Methylcyclohexane
Concen: 0.986 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.253 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35



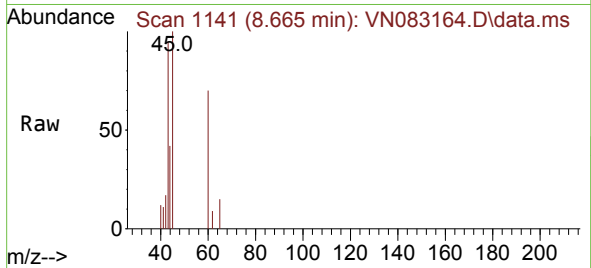
Tgt Ion: 83 Resp: 2946
Ion Ratio Lower Upper
83 100
55 0.0 66.4 99.6#
98 185.6 40.7 61.1#



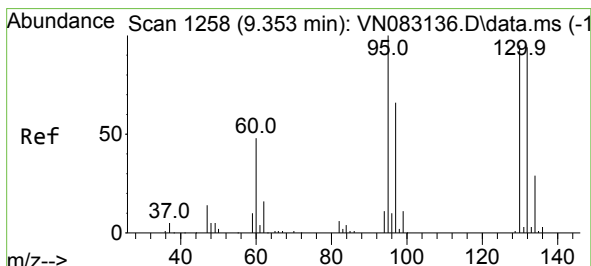
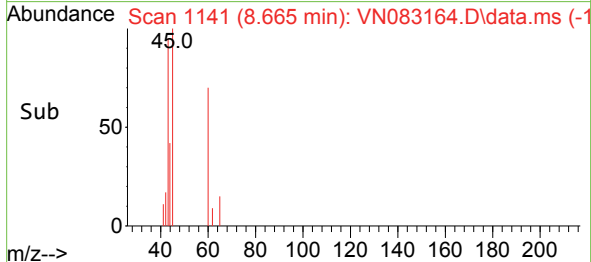
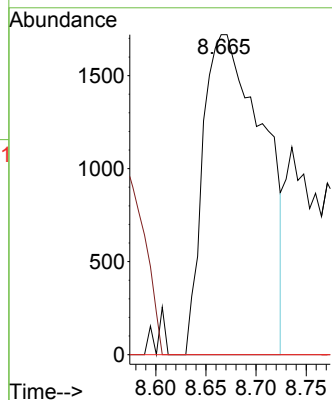


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1145
Delta R.T. -0.023 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :

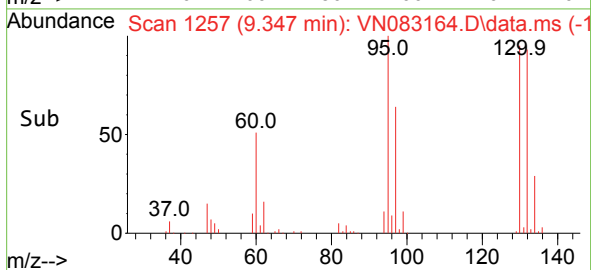
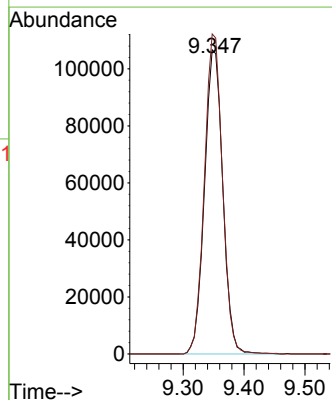
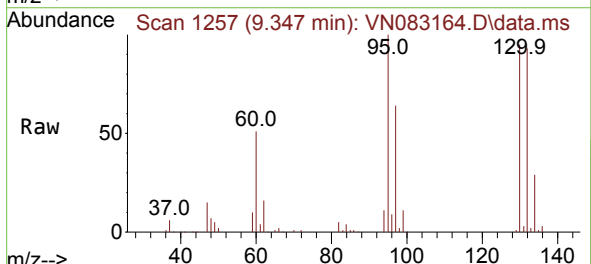


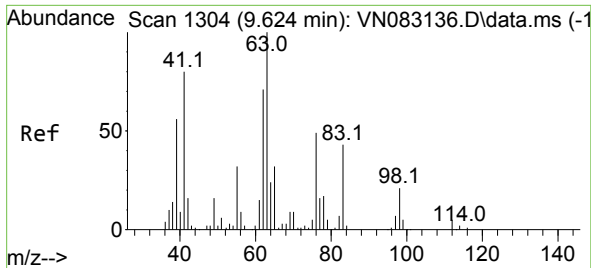
Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 129.009 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Tgt Ion:130 Resp: 222521
Ion Ratio Lower Upper
130 100
95 105.2 0.0 197.8

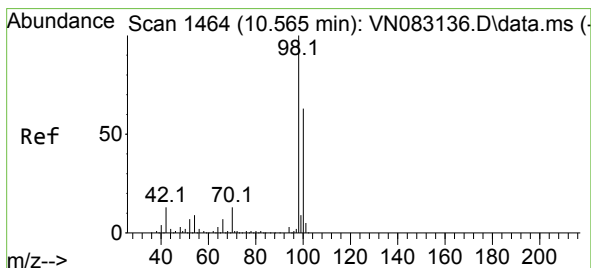
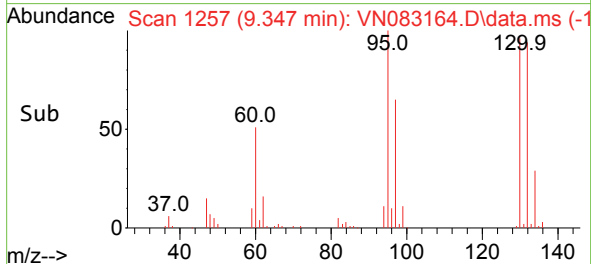
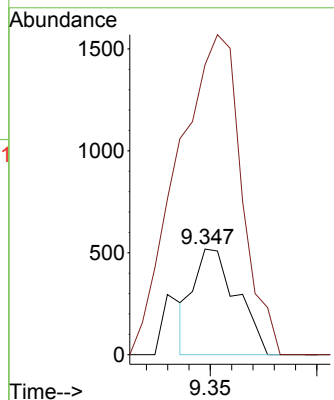
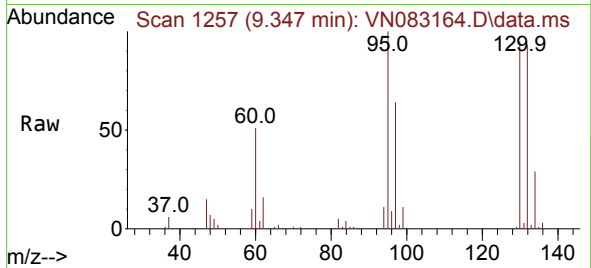




#45
1,2-Dichloropropane
Concen: 0.425 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.276 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

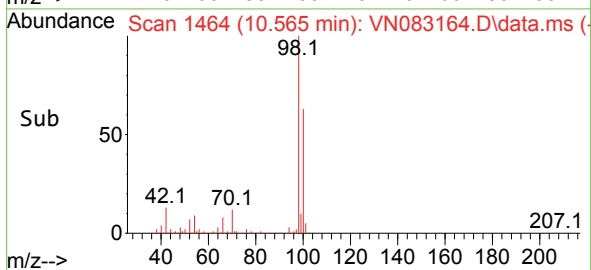
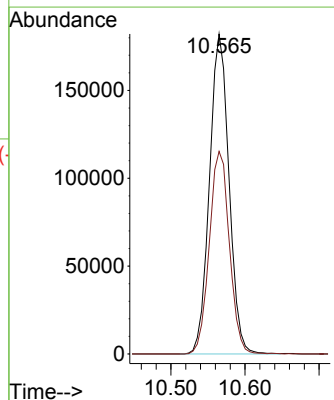
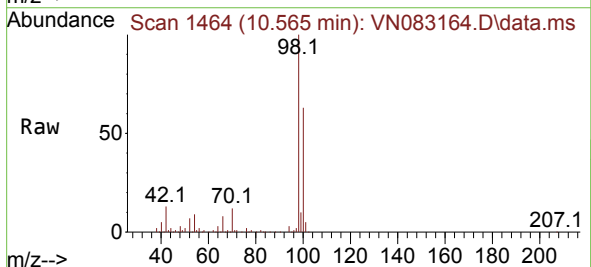
Instrument :
MSVOA_N
ClientSampleId :

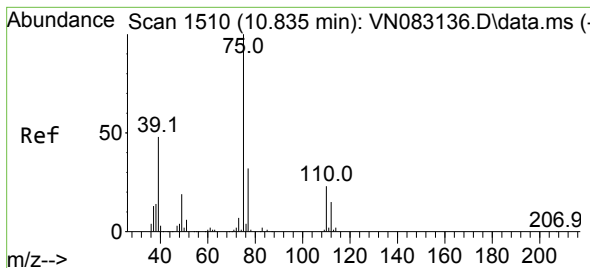
Tgt Ion: 63 Resp: 731
Ion Ratio Lower Upper
63 100
65 274.5 24.4 36.6#



#50
Toluene-d8
Concen: 55.485 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

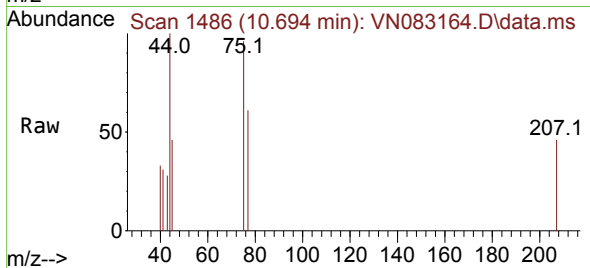
Tgt Ion: 98 Resp: 332825
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



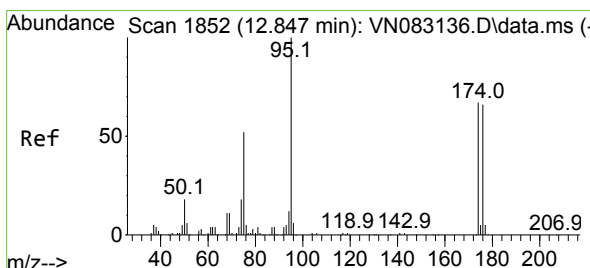
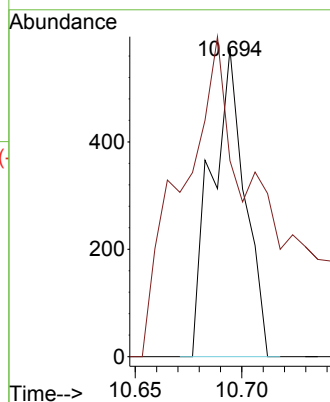
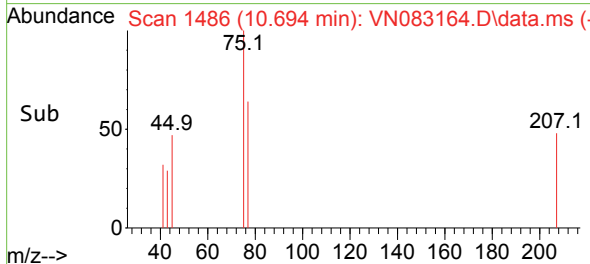


#53
t-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 10.694 min Scan# 1486
Delta R.T. -0.141 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :

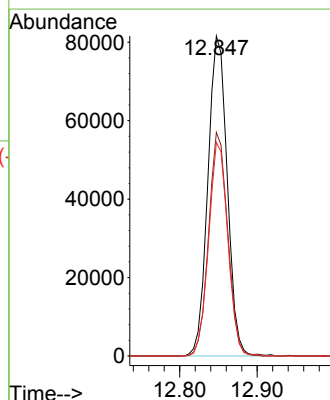
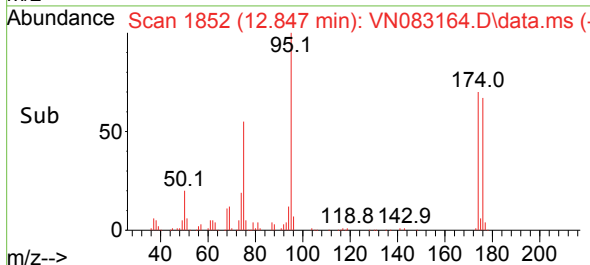
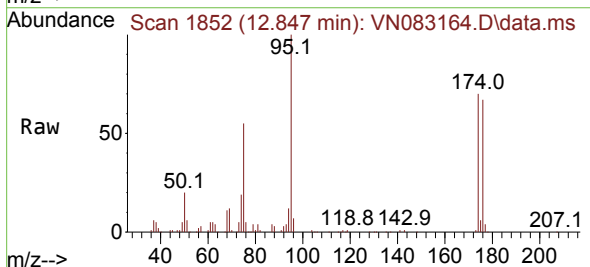


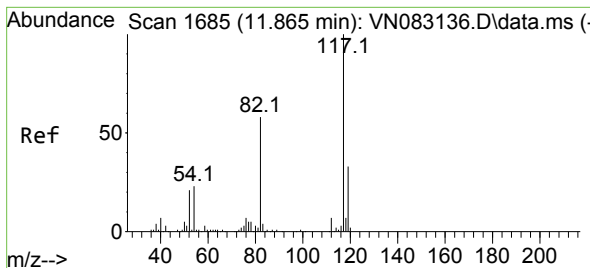
Tgt Ion: 75 Resp: 625
Ion Ratio Lower Upper
75 100
77 28.8 25.7 38.5



#62
4-Bromofluorobenzene
Concen: 60.410 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083164.D
Acq: 08 Aug 2024 18:35

Tgt Ion: 95 Resp: 141271
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

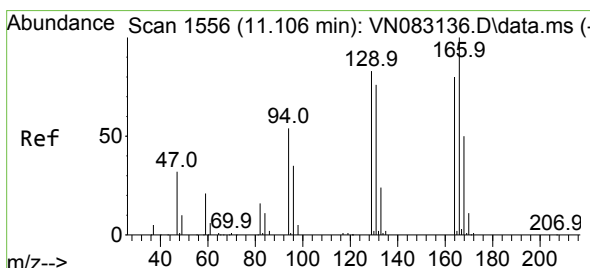
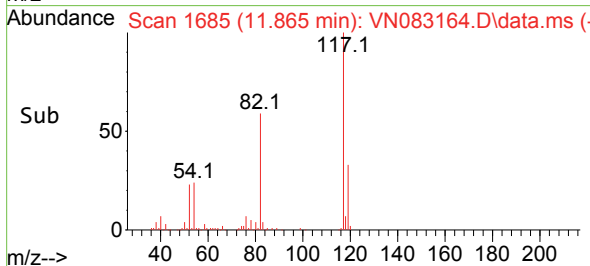
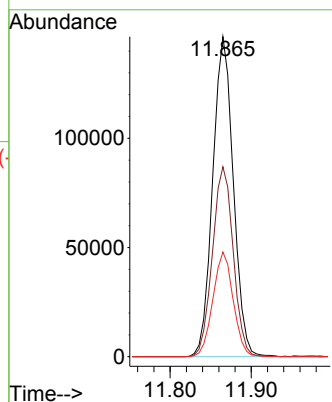
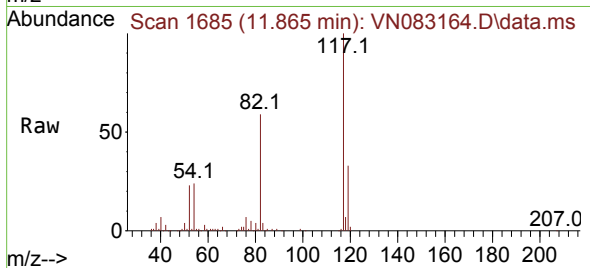
Tgt Ion:117 Resp: 258391

Ion Ratio Lower Upper

117 100

82 59.4 47.5 71.3

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 0.224 ug/l

RT: 11.094 min Scan# 1554

Delta R.T. -0.011 min

Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Tgt Ion:164 Resp: 384

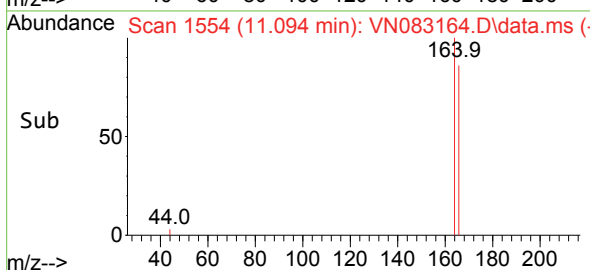
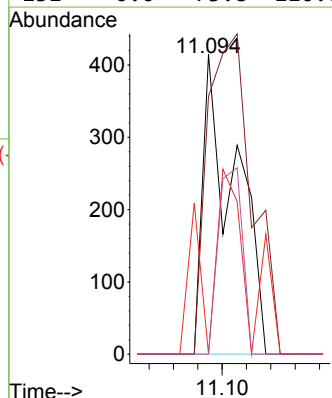
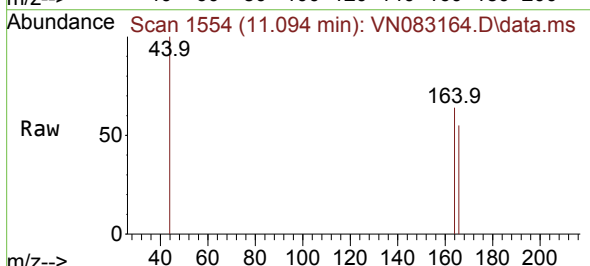
Ion Ratio Lower Upper

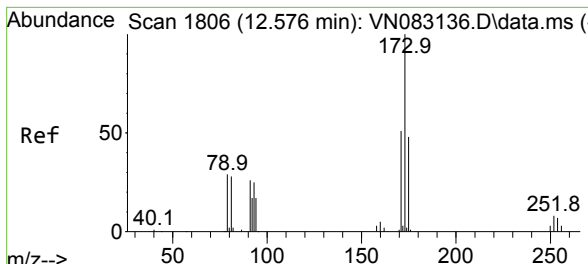
164 100

166 86.0 101.4 152.0#

129 0.0 75.7 113.5#

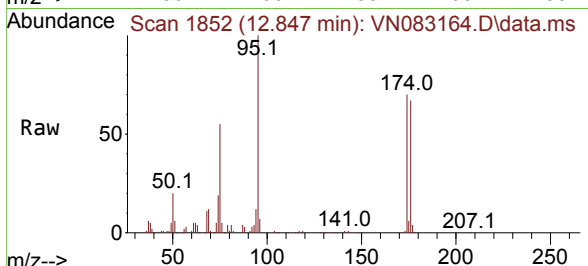
131 0.0 73.8 110.6#



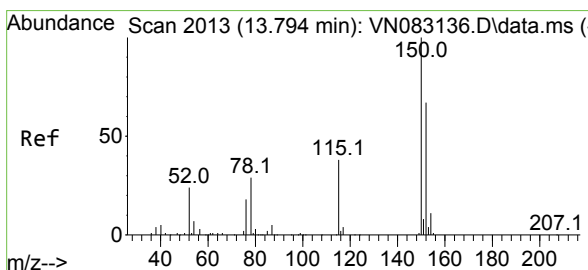
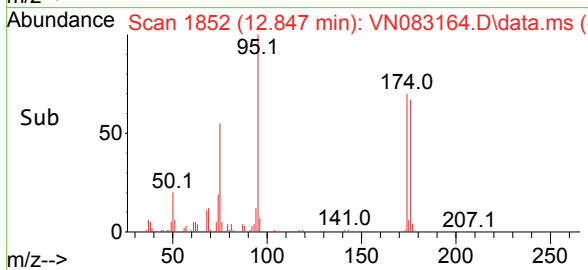
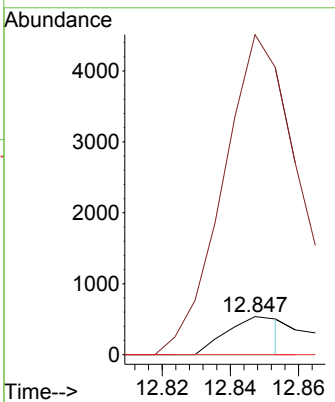


#71
 Bromoform
 Concen: 0.383 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.271 min
 Lab File: VN083164.D
 Acq: 08 Aug 2024 18:35

Instrument :
 MSVOA_N
 ClientSampleId :

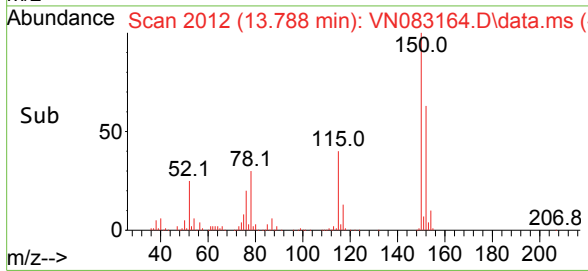
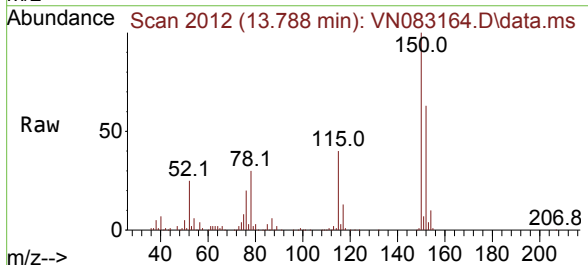
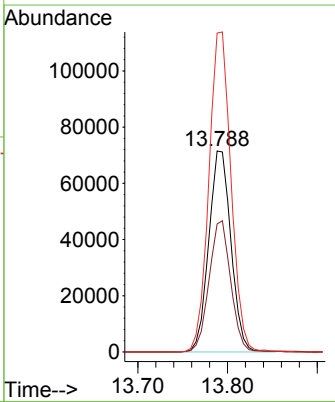


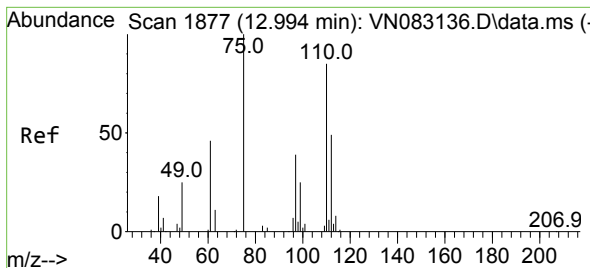
Tgt Ion:	173	Resp:	585
Ion Ratio	Lower	Upper	
173	100		
175	892.5	24.0	72.0#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: VN083164.D
 Acq: 08 Aug 2024 18:35

Tgt Ion:	152	Resp:	122809
Ion Ratio	Lower	Upper	
152	100		
115	63.9	30.6	91.6
150	159.0	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 28.098 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

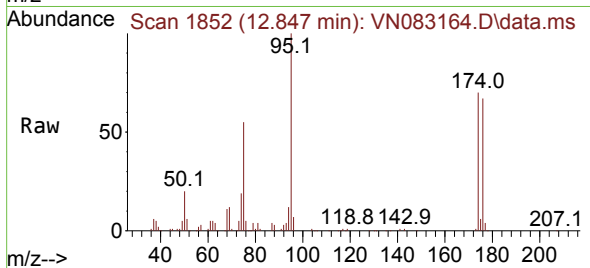
Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

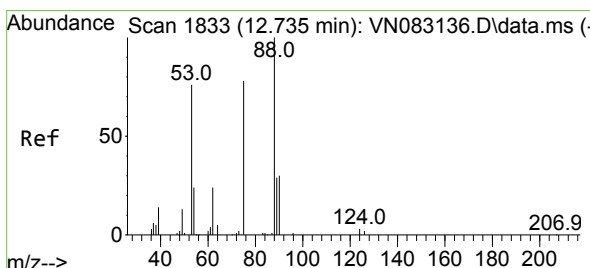
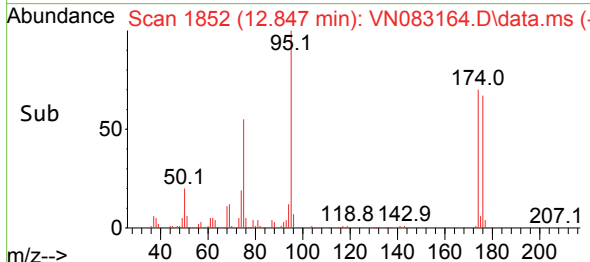
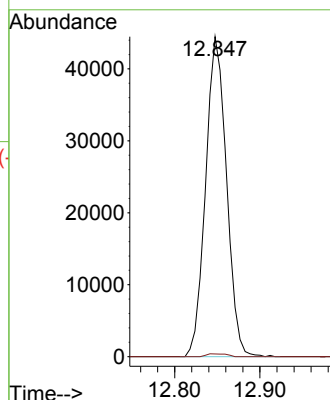


Tgt Ion: 75 Resp: 75735

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.121 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083164.D

Acq: 08 Aug 2024 18:35

Tgt Ion: 75 Resp: 75735

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.1 36.3 54.5#

