

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082799.D
 Acq On : 03 Jul 2024 13:38
 Operator : JC\MD
 Sample : PB161888ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

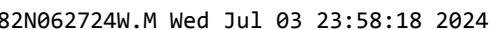
Instrument :
 MSVOA_N
 ClientSampleId :

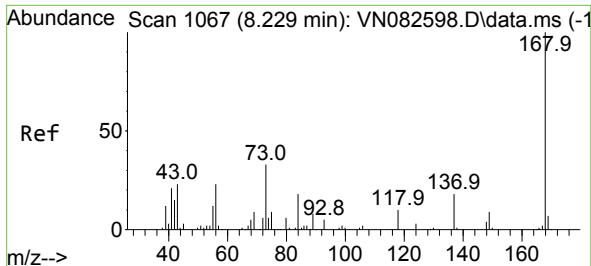
Quant Time: Jul 03 23:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	117392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	220829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	90062	49.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.500%		
35) Dibromofluoromethane	8.171	113	74788	51.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.880%		
50) Toluene-d8	10.571	98	282233	51.906	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.847	95	102260	54.764	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	109.520%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	409	0.289	ug/l #	76
16) Acetone	4.436	43	36987	53.925	ug/l	98
18) Methyl Acetate	5.030	43	1260	0.691	ug/l #	80
20) Methylene Chloride	5.283	84	7166	4.129	ug/l	87
25) 2-Butanone	7.494	43	3746	3.575	ug/l #	87
31) Cyclohexane	8.224	56	2989	1.172	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	9996	4.783	ug/l #	52
37) Ethyl Acetate	7.559	43	2743	1.214	ug/l #	84
38) Carbon Tetrachloride	8.230	117	12935	5.292	ug/l #	18
42) 1,2-Dichloroethane	8.694	62	679	0.276	ug/l #	78
43) Isopropyl Acetate	8.694	43	155749	39.658	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	1177	0.708	ug/l #	44
48) Methyl methacrylate	9.665	41	2757	1.586	ug/l #	17
51) 4-Methyl-2-Pentanone	10.453	43	5978	2.588	ug/l	95
53) t-1,3-Dichloropropene	10.724	75	733	0.313	ug/l #	84
54) cis-1,3-Dichloropropene	10.359	75	37900	15.412	ug/l #	56
56) Ethyl methacrylate	10.988	69	887	0.378	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5100	1.859	ug/l #	43
59) 2-Hexanone	11.171	43	84195	49.151	ug/l #	28
71) Bromoform	12.847	173	761	0.564	ug/l #	1
74) N-amyl acetate	12.488	43	925	0.300	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	56667	27.463	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56667	71.622	ug/l #	6

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

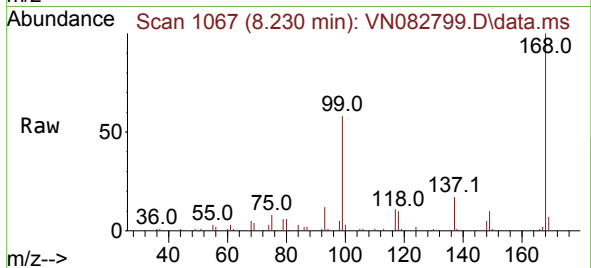
Quant Time: Jul 03 23:58:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



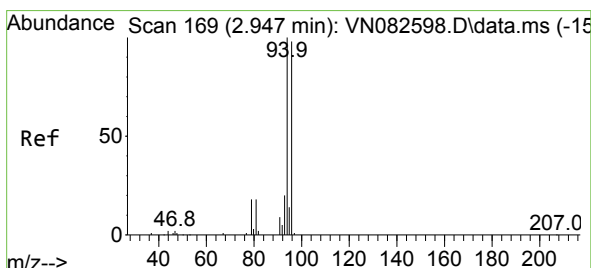
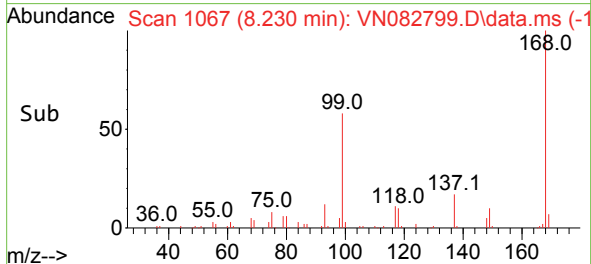
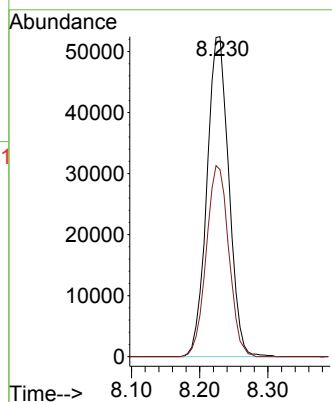


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :

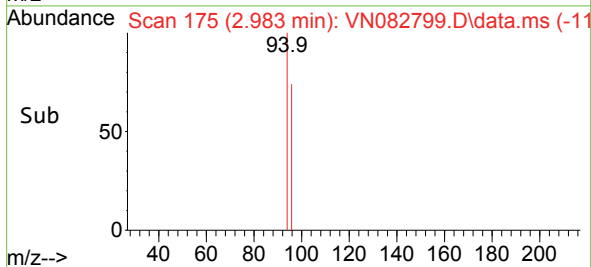
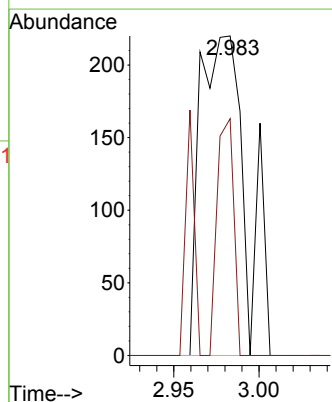
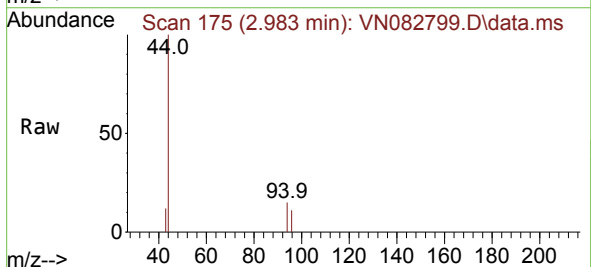


Tgt Ion:168 Resp: 117392
Ion Ratio Lower Upper
168 100
99 58.4 48.2 72.4



#5
Bromomethane
Concen: 0.289 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.036 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Tgt Ion: 94 Resp: 409
Ion Ratio Lower Upper
94 100
96 74.1 78.0 117.0#





#16

Acetone

Concen: 53.925 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082799.D

Acq: 03 Jul 2024 13:38

Instrument :

MSVOA_N

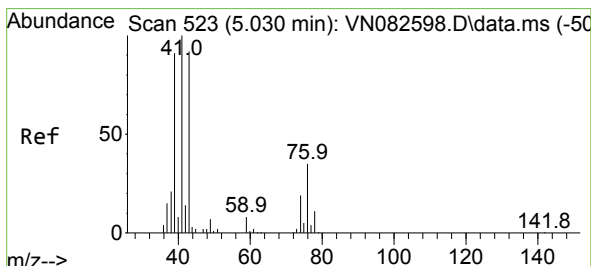
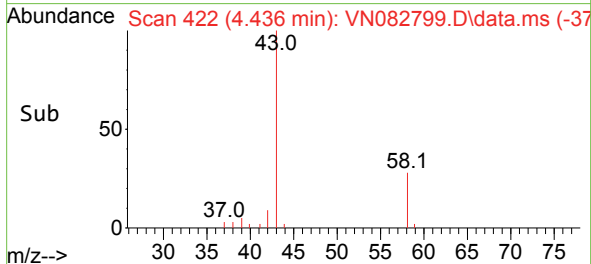
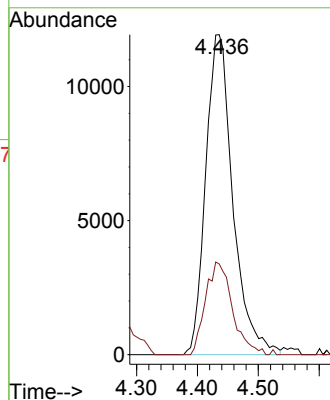
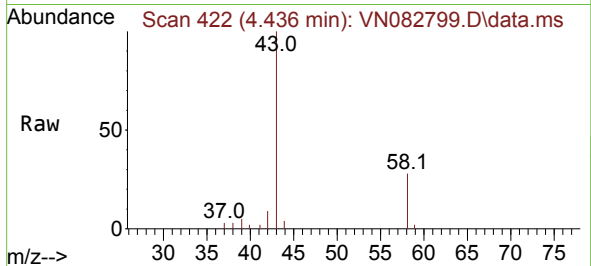
ClientSampleId :

Tgt Ion: 43 Resp: 36987

Ion Ratio Lower Upper

43 100

58 28.3 21.8 32.6



#18

Methyl Acetate

Concen: 0.691 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN082799.D

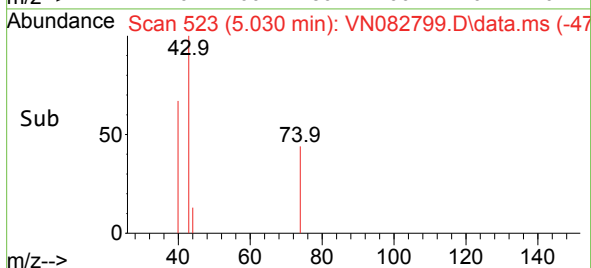
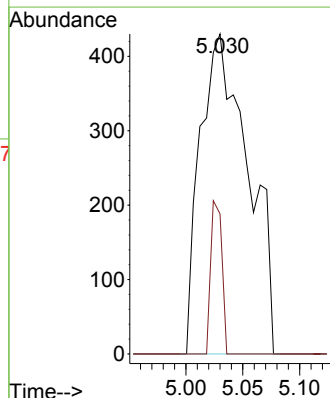
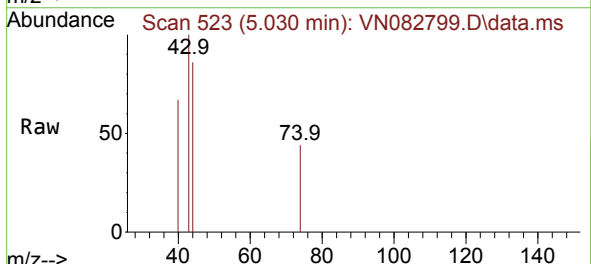
Acq: 03 Jul 2024 13:38

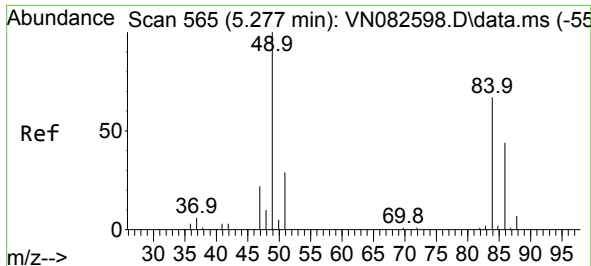
Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

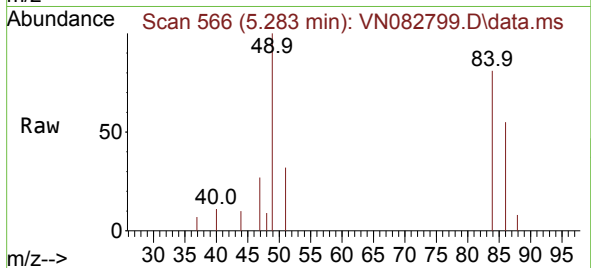
74 11.0 16.3 24.5#



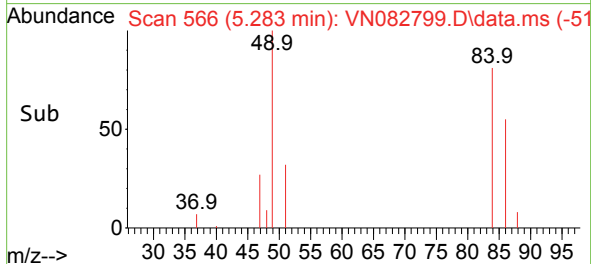
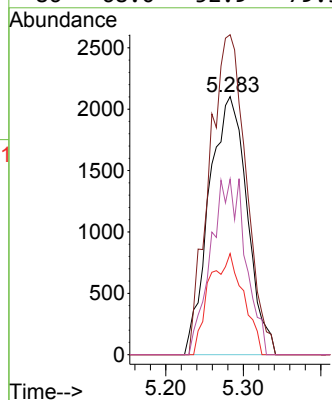


#20
Methylene Chloride
Concen: 4.129 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :

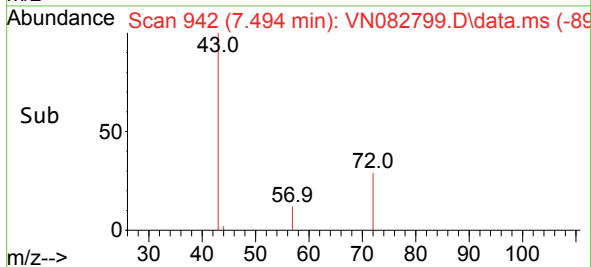
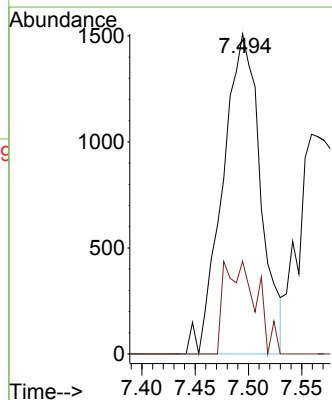
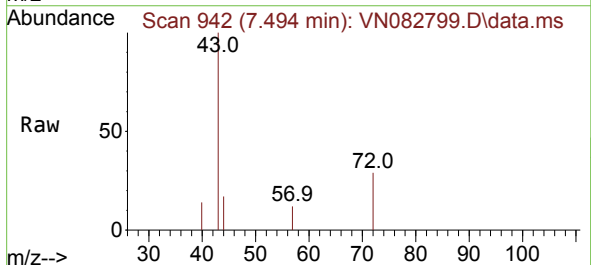


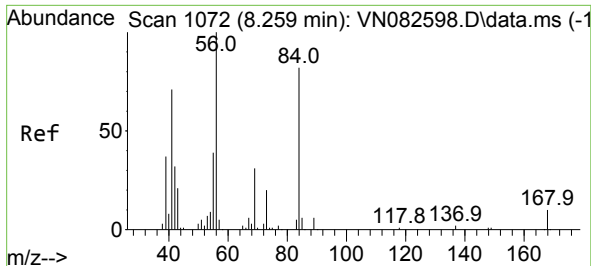
Tgt Ion: 84	Resp: 7166
Ion Ratio	Lower Upper
84 100	
49 124.0	119.6 179.4
51 39.2	34.8 52.2
86 68.0	52.9 79.3



#25
2-Butanone
Concen: 3.575 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

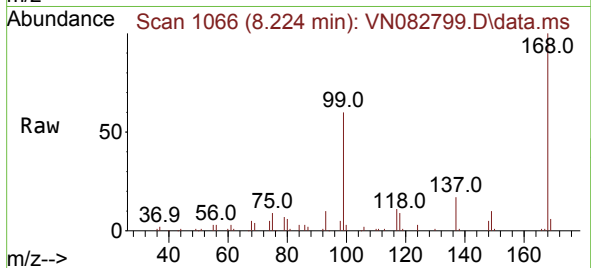
Tgt Ion: 43	Resp: 3746		
Ion Ratio	Lower	Upper	
43 100			
72 29.0	18.2	27.2#	



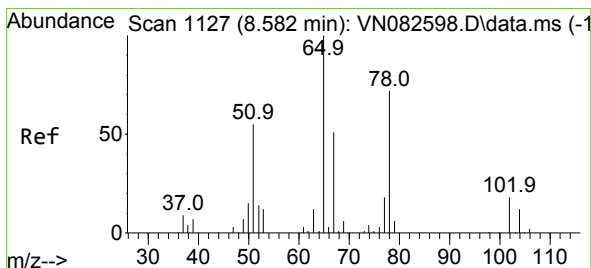
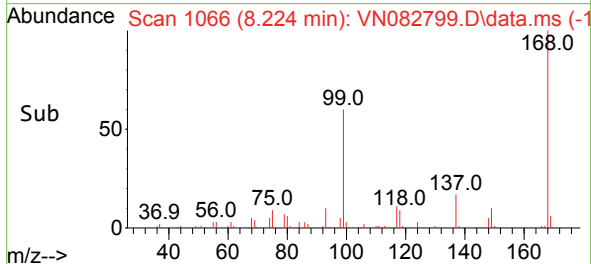
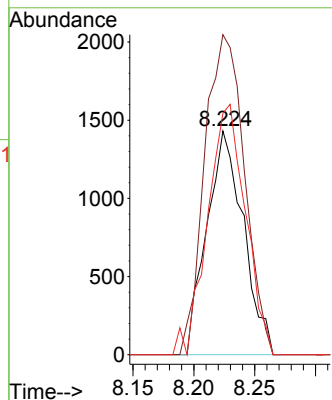


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :

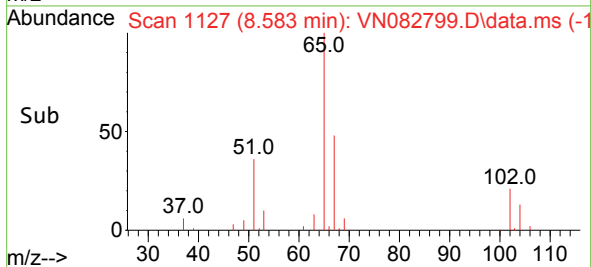
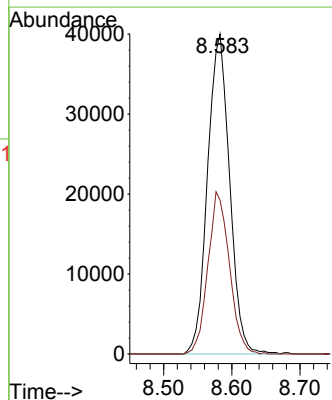
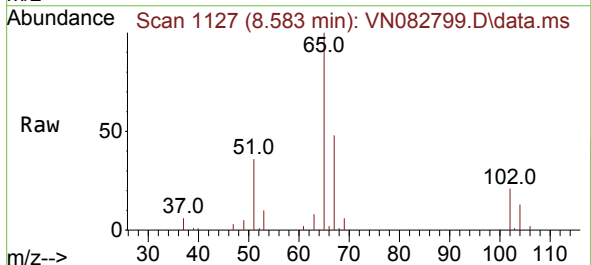


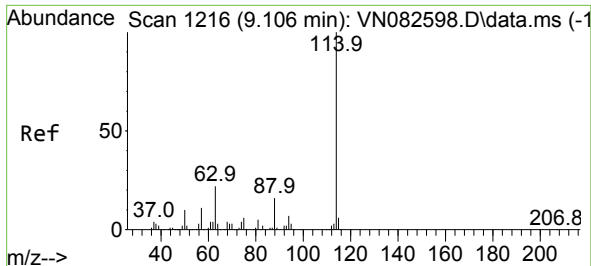
Tgt Ion: 56 Resp: 2989
Ion Ratio Lower Upper
56 100
69 143.0 24.5 36.7#
84 108.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 49.748 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

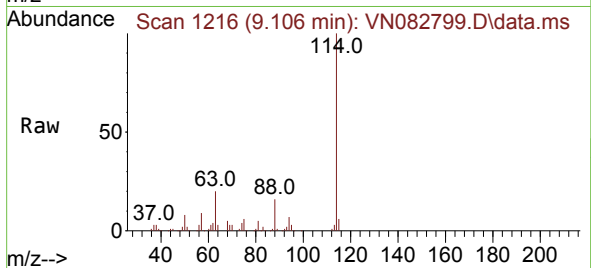
Tgt Ion: 65 Resp: 90062
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4



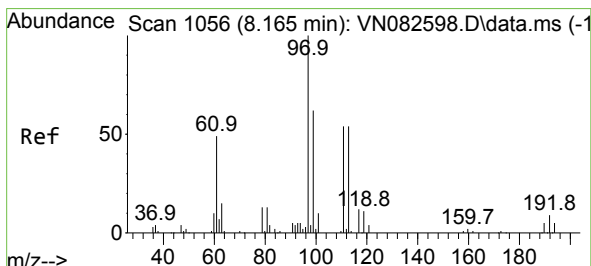
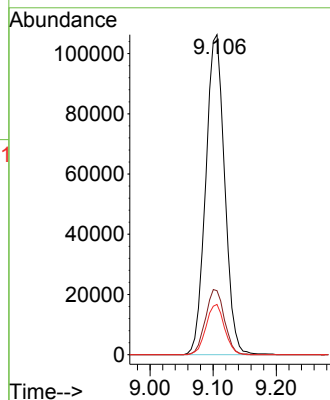
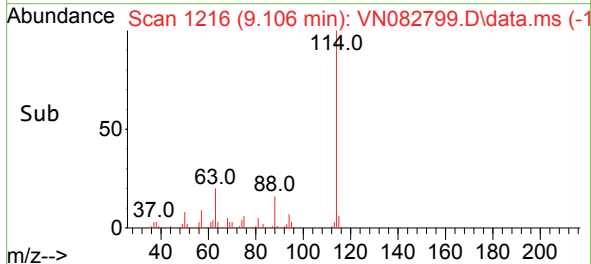


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :

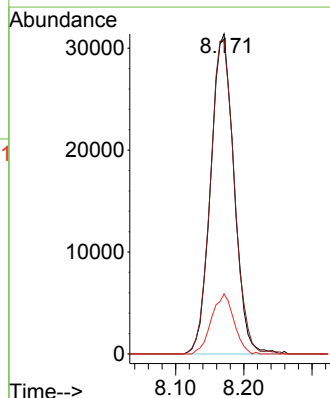
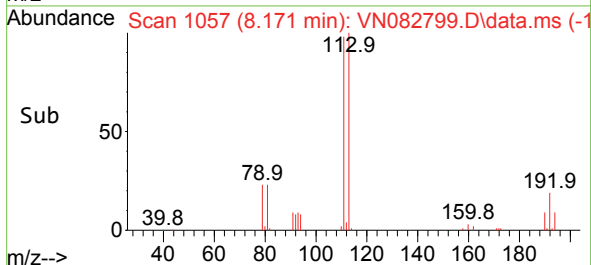
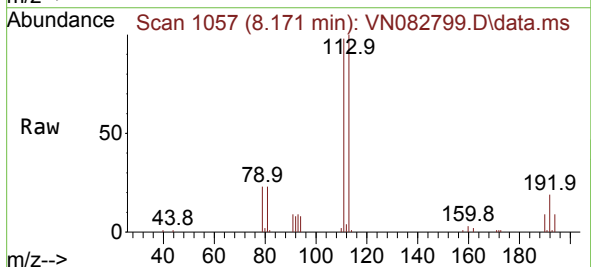


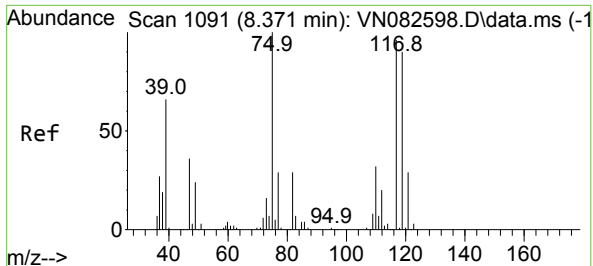
Tgt Ion:114 Resp: 220829
Ion Ratio Lower Upper
114 100
63 20.0 0.0 44.6
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.439 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Tgt Ion:113 Resp: 74788
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 18.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.783 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

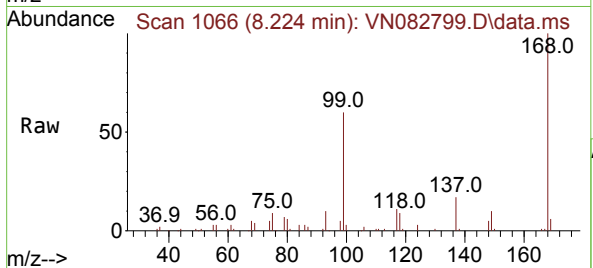
Lab File: VN082799.D

Acq: 03 Jul 2024 13:38

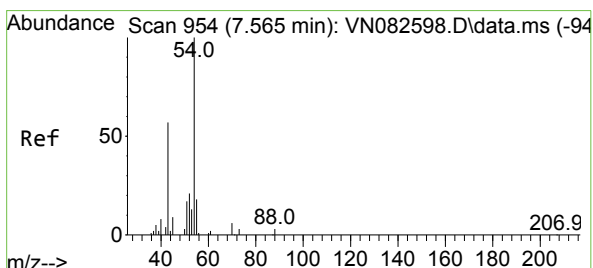
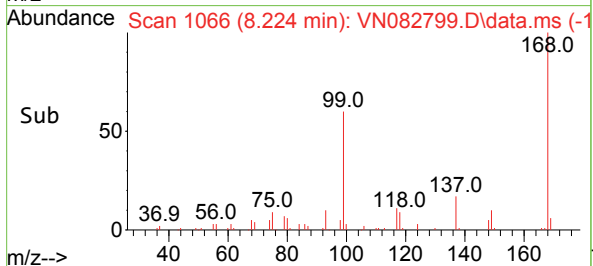
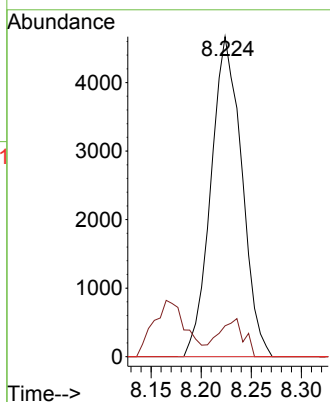
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	9996
Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 1.214 ug/l

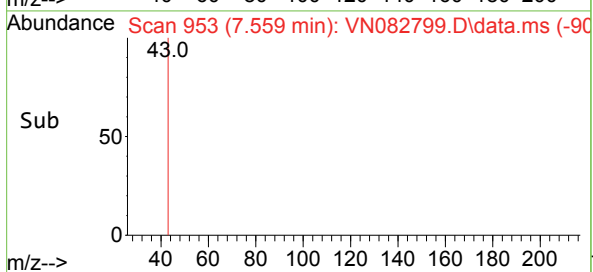
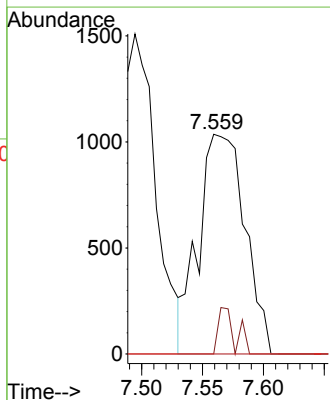
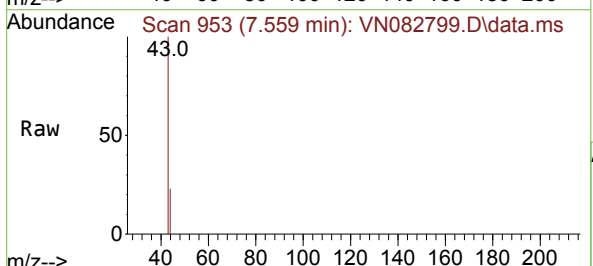
RT: 7.559 min Scan# 953

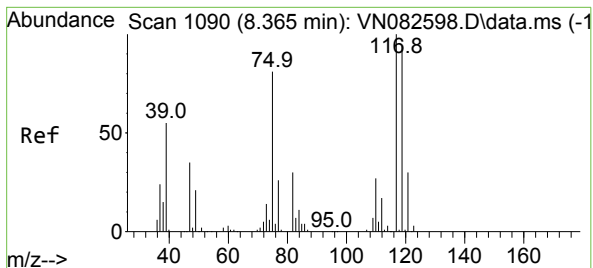
Delta R.T. -0.006 min

Lab File: VN082799.D

Acq: 03 Jul 2024 13:38

Tgt Ion:	43	Resp:	2743
Ion	Ratio	Lower	Upper
43	100		
61	7.6	9.3	13.9#
70	0.0	7.0	10.6#





#38

Carbon Tetrachloride

Concen: 5.292 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.135 min

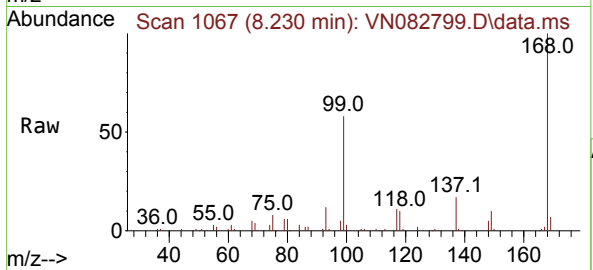
Lab File: VN082799.D

Acq: 03 Jul 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :



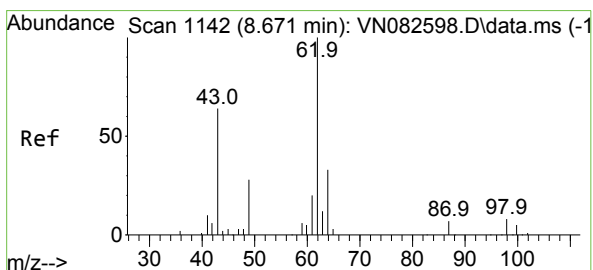
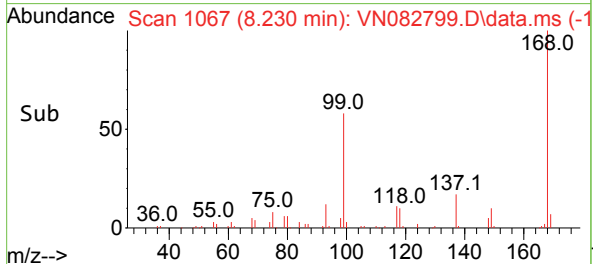
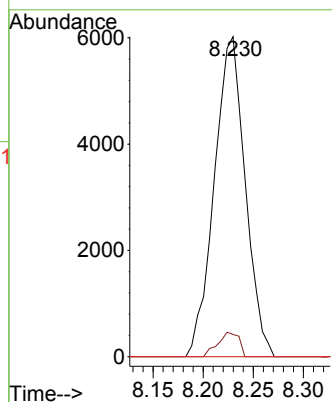
Tgt Ion:117 Resp: 12935

Ion Ratio Lower Upper

117 100

119 7.0 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.276 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.023 min

Lab File: VN082799.D

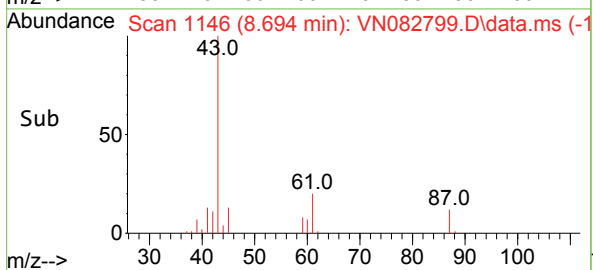
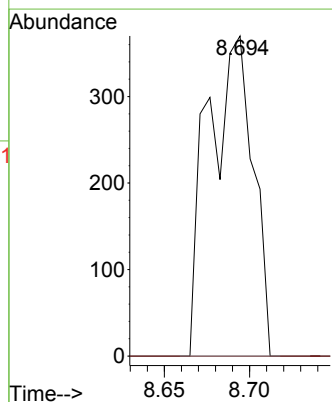
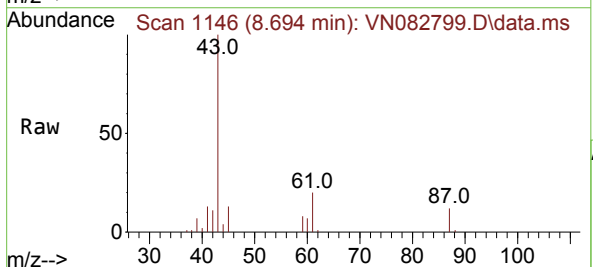
Acq: 03 Jul 2024 13:38

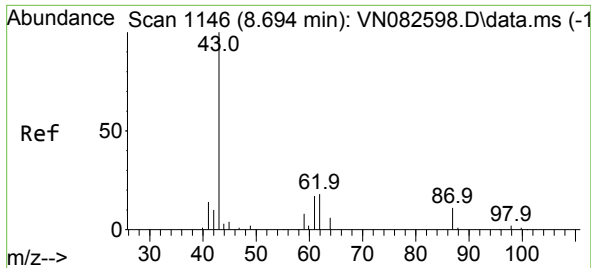
Tgt Ion: 62 Resp: 679

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8

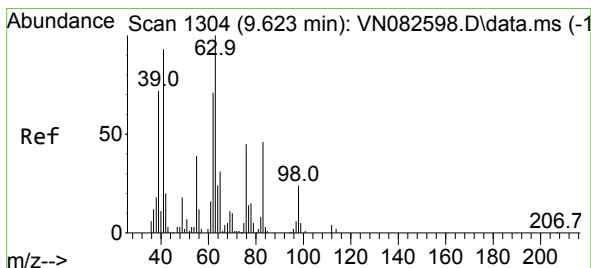
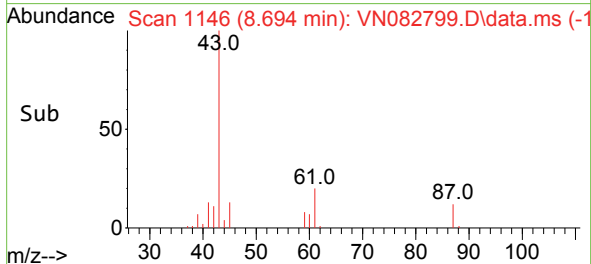
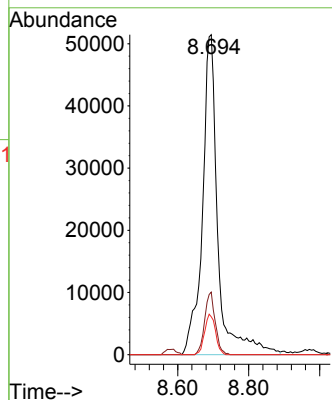
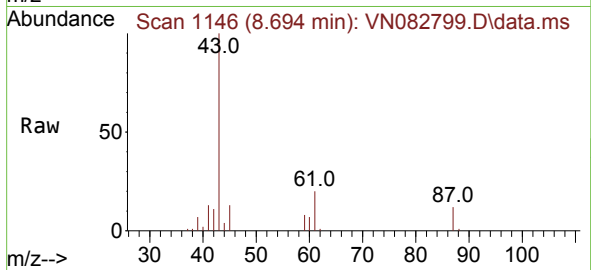




#43
Isopropyl Acetate
Concen: 39.658 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

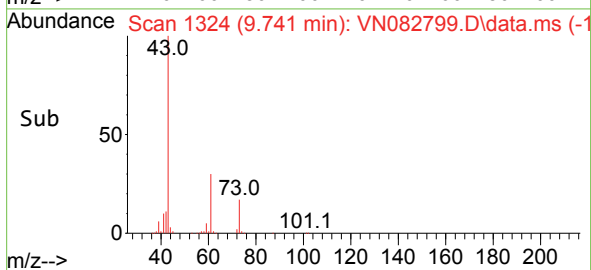
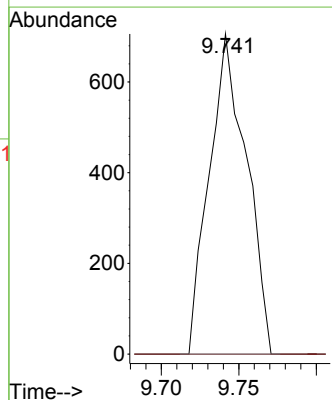
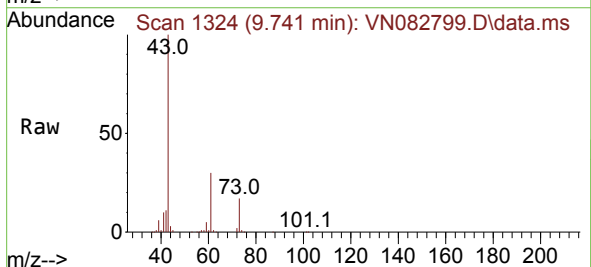
Instrument :
MSVOA_N
ClientSampleId :

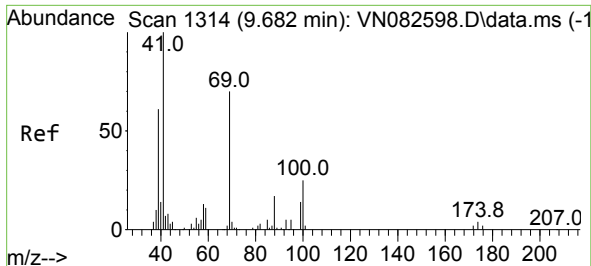
Tgt Ion: 43 Resp: 155749
Ion Ratio Lower Upper
43 100
61 13.4 17.8 26.6#
87 8.9 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.708 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

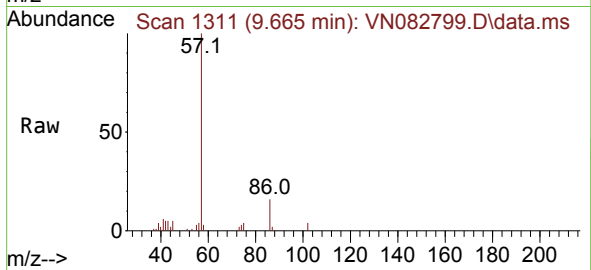
Tgt Ion: 63 Resp: 1177
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



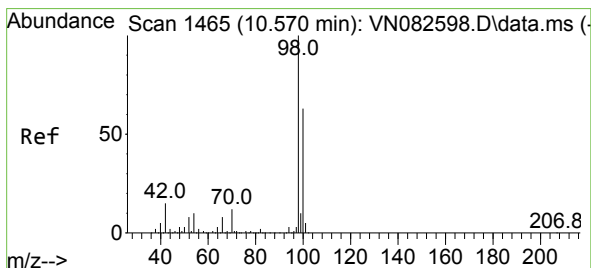
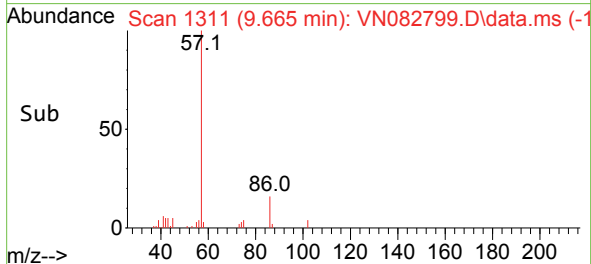
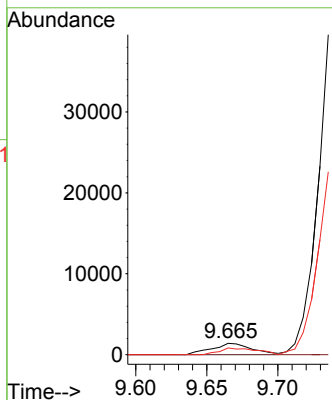


#48
Methyl methacrylate
Concen: 1.586 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :

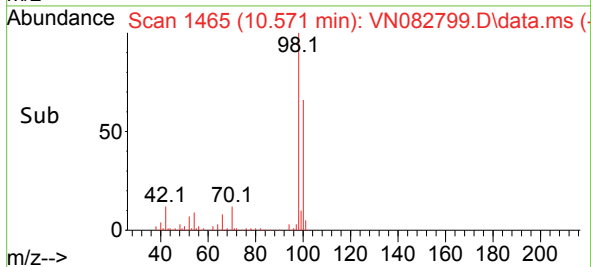
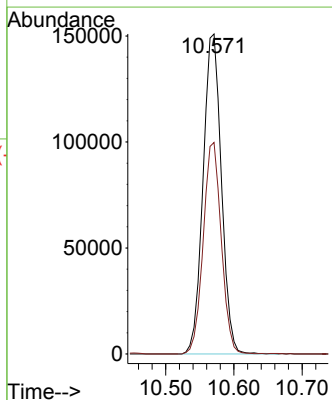
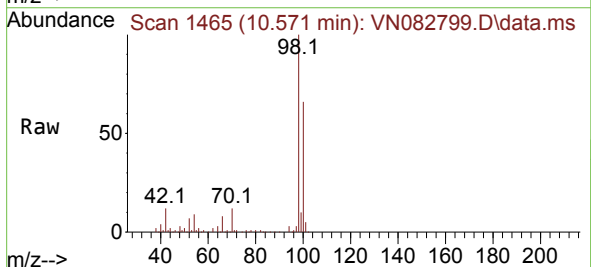


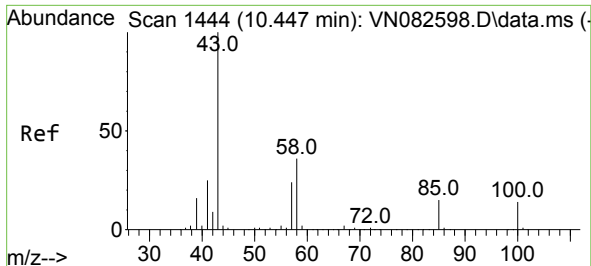
Tgt Ion: 41 Resp: 2757
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 0.0 50.3 75.5#



#50
Toluene-d8
Concen: 51.906 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Tgt Ion: 98 Resp: 282233
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

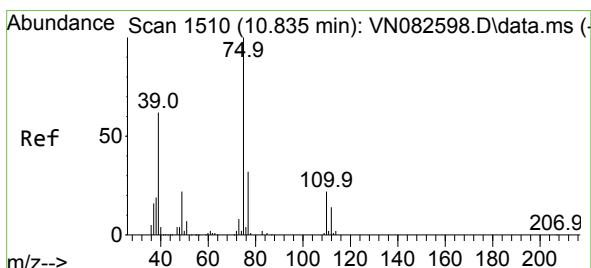
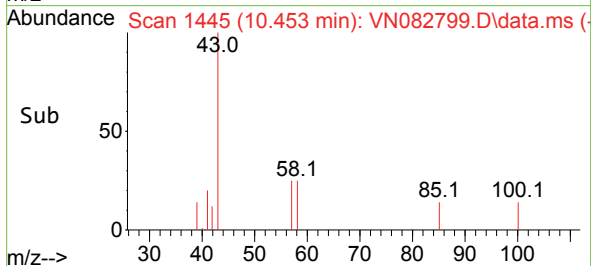
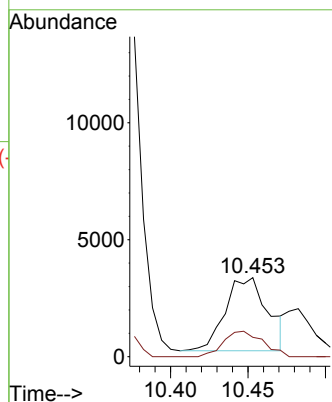
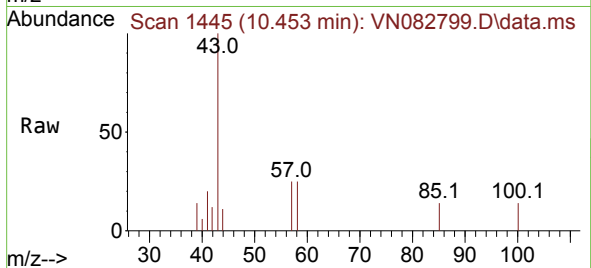




#51
4-Methyl-2-Pentanone
Concen: 2.588 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

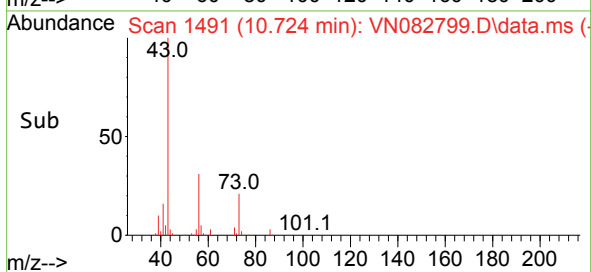
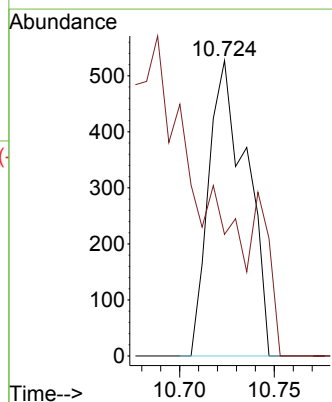
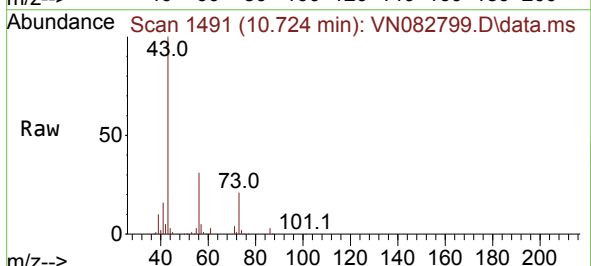
Instrument :
MSVOA_N
ClientSampleId :

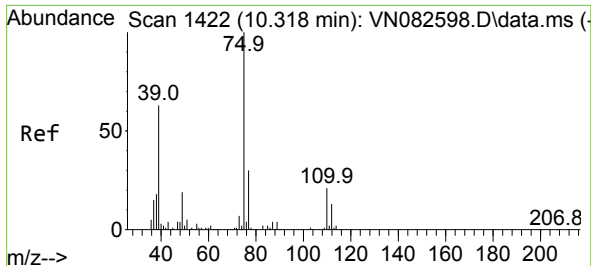
Tgt Ion: 43 Resp: 5978
Ion Ratio Lower Upper
43 100
58 32.2 28.2 42.4



#53
t-1,3-Dichloropropene
Concen: 0.313 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.111 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

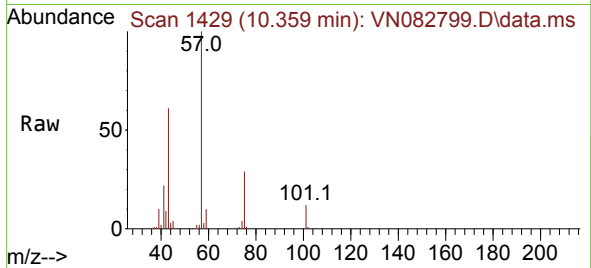
Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
77 41.2 25.7 38.5#



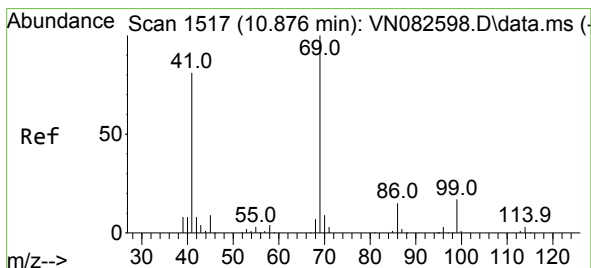
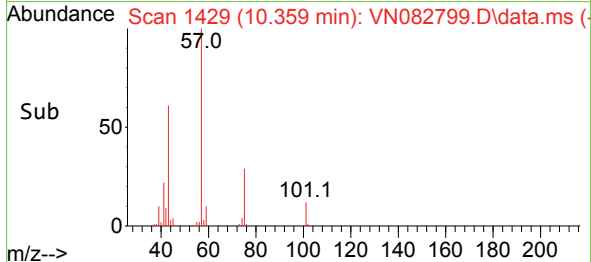
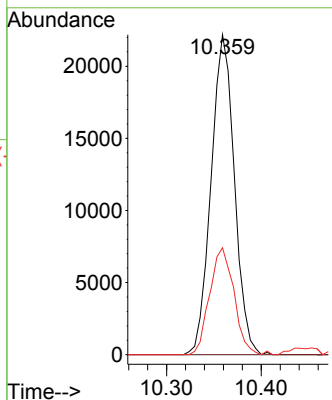


#54
 cis-1,3-Dichloropropene
 Concen: 15.412 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082799.D
 Acq: 03 Jul 2024 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

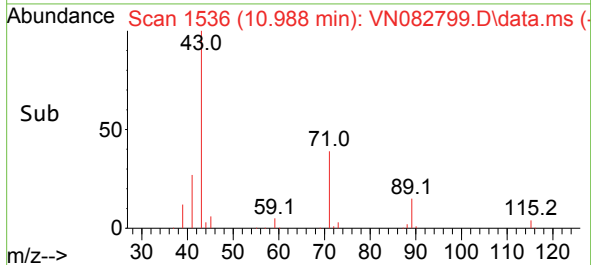
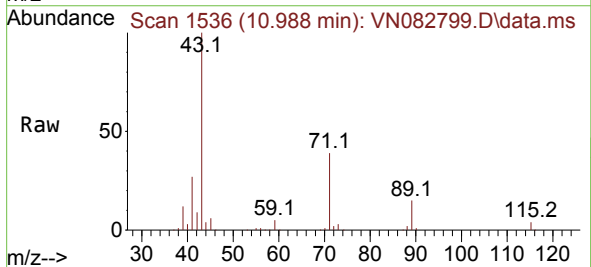
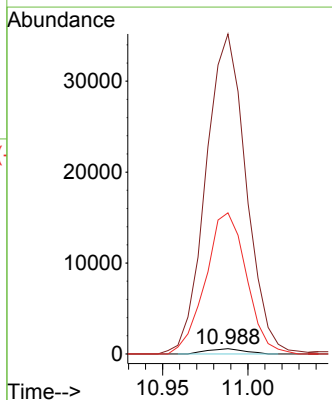


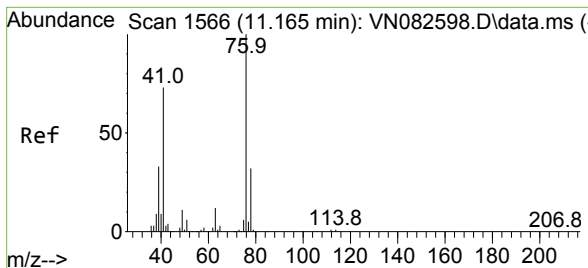
Tgt Ion: 75 Resp: 37900
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 33.4 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.378 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN082799.D
 Acq: 03 Jul 2024 13:38

Tgt Ion: 69 Resp: 887
 Ion Ratio Lower Upper
 69 100
 41 6545.9 63.4 95.2#
 39 2930.7 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 1.859 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN082799.D

Acq: 03 Jul 2024 13:38

Instrument :

MSVOA_N

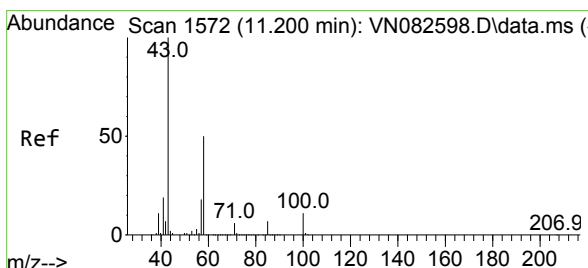
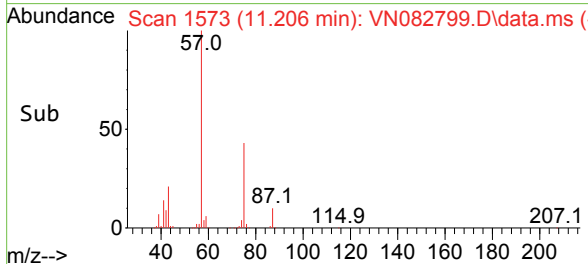
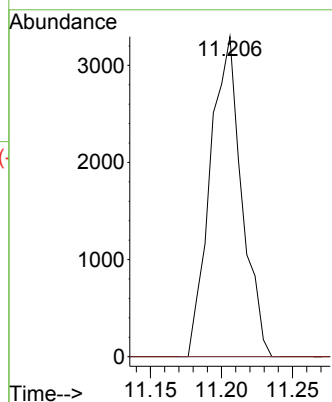
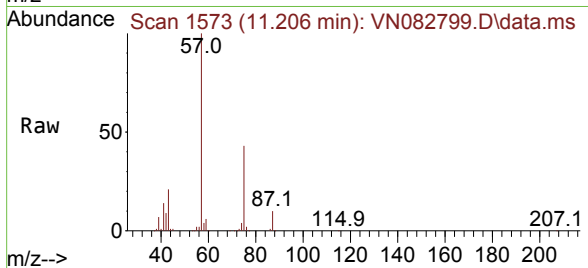
ClientSampleId :

Tgt Ion: 76 Resp: 5100

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 49.151 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.029 min

Lab File: VN082799.D

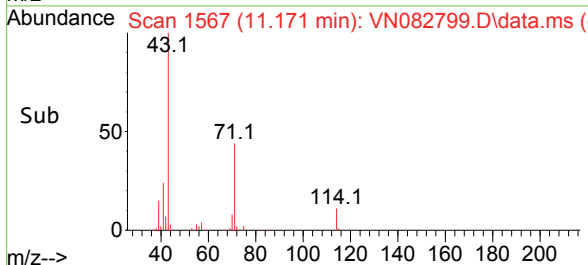
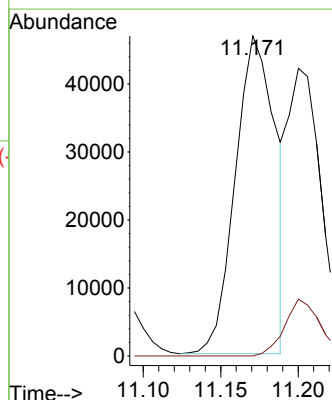
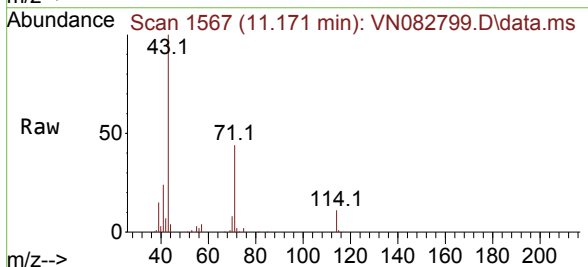
Acq: 03 Jul 2024 13:38

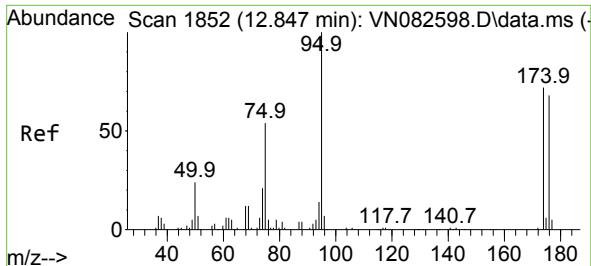
Tgt Ion: 43 Resp: 84195

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#

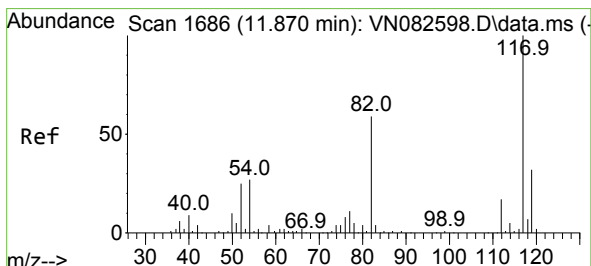
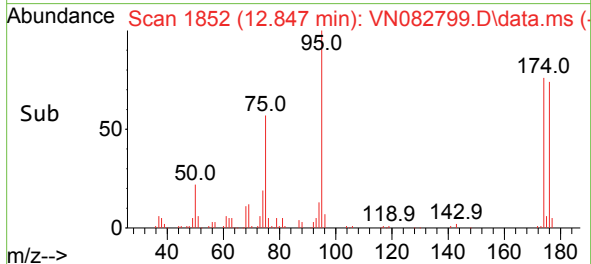
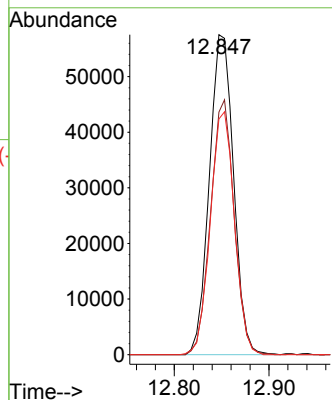
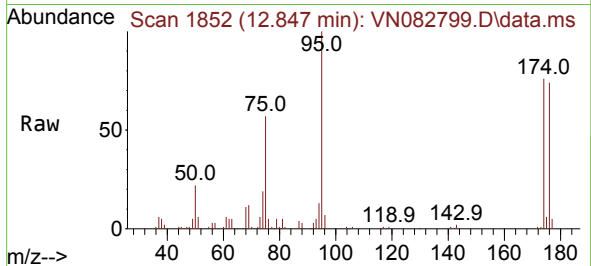




#62
4-Bromofluorobenzene
Concen: 54.764 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

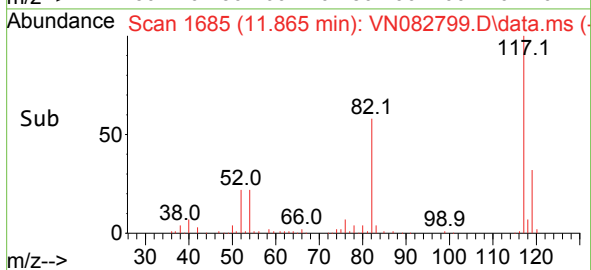
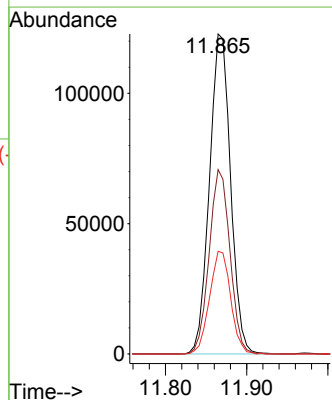
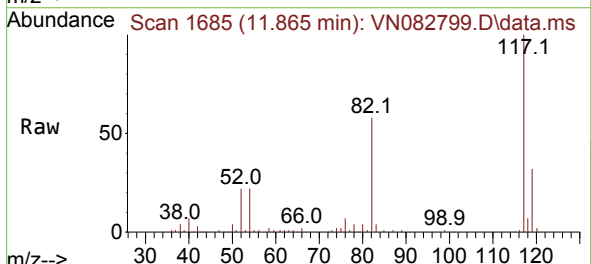
Instrument :
MSVOA_N
ClientSampleId :

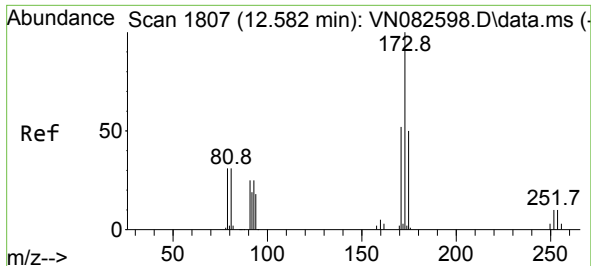
Tgt Ion: 95 Resp: 102260
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.2
176 75.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

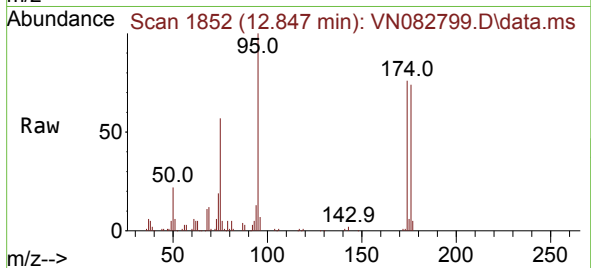
Tgt Ion: 117 Resp: 221328
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 32.1 25.6 38.4



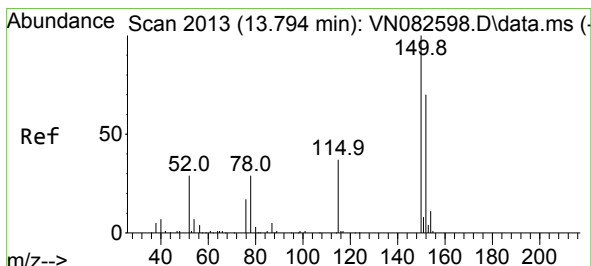
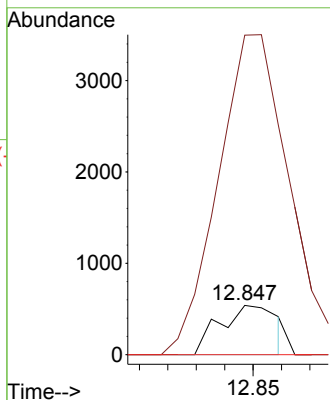
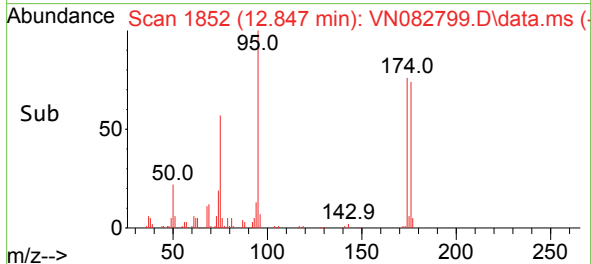


#71
Bromoform
Concen: 0.564 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

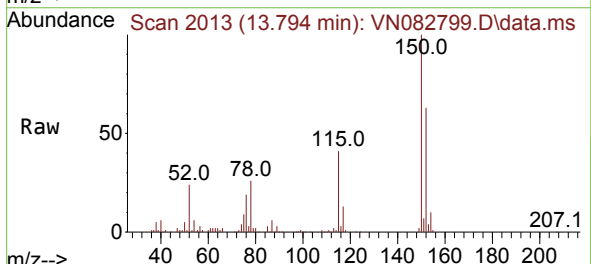
Instrument :
MSVOA_N
ClientSampleId :



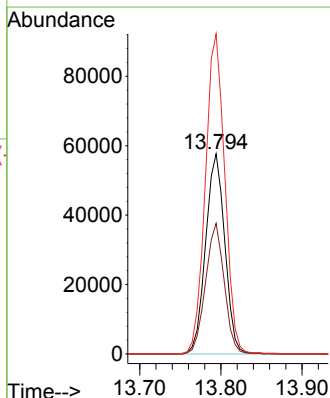
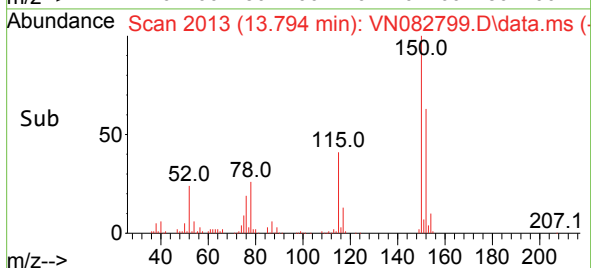
Tgt Ion:173 Resp: 761
Ion Ratio Lower Upper
173 100
175 667.7 24.0 72.0#
254 0.0 0.0 0.0

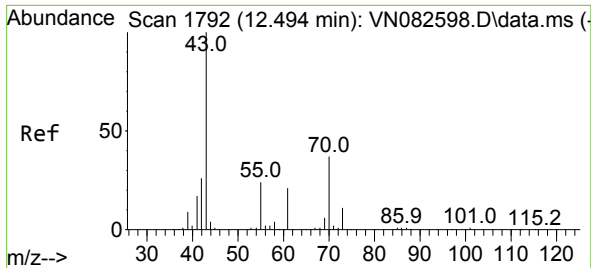


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38



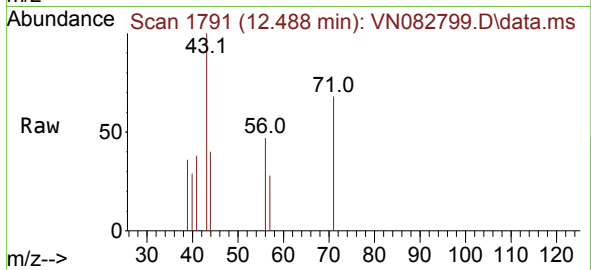
Tgt Ion:152 Resp: 94596
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 162.0 0.0 348.6



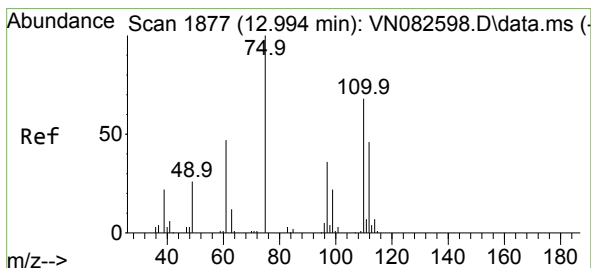
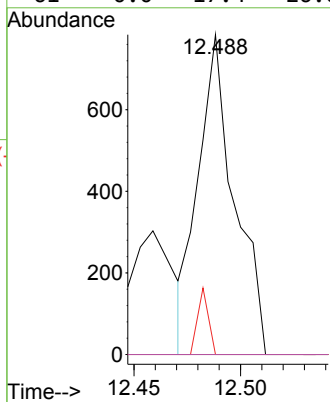
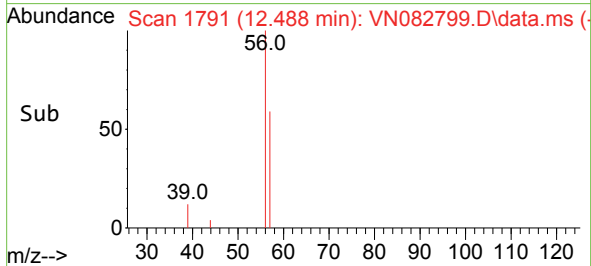


#74
N-amy1 acetate
Concen: 0.300 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :

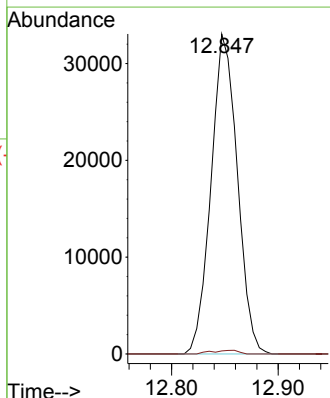
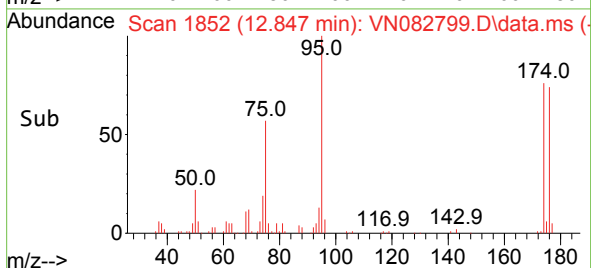
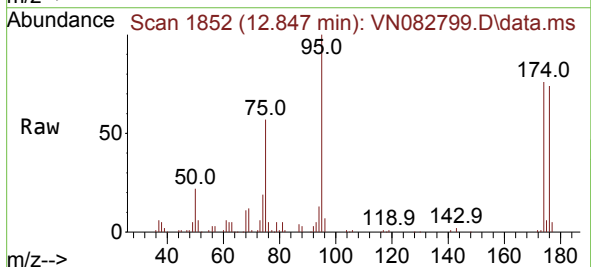


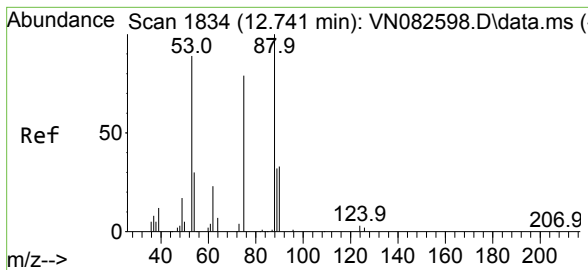
Tgt Ion:	43	Resp:	925
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.6#
55	6.2	18.7	28.1#
61	0.0	17.4	26.0#



#76
1,2,3-Trichloropropane
Concen: 27.463 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082799.D
Acq: 03 Jul 2024 13:38

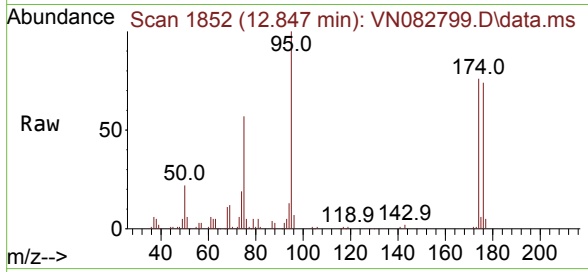
Tgt Ion:	75	Resp:	56667
Ion	Ratio	Lower	Upper
75	100		
77	1.2	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.622 ug/l
 RT: 12.847 min Scan# 1834
 Delta R.T. 0.106 min
 Lab File: VN082799.D
 Acq: 03 Jul 2024 13:38

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	56667
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

