

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084686.D
 Acq On : 05 Nov 2024 14:35
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

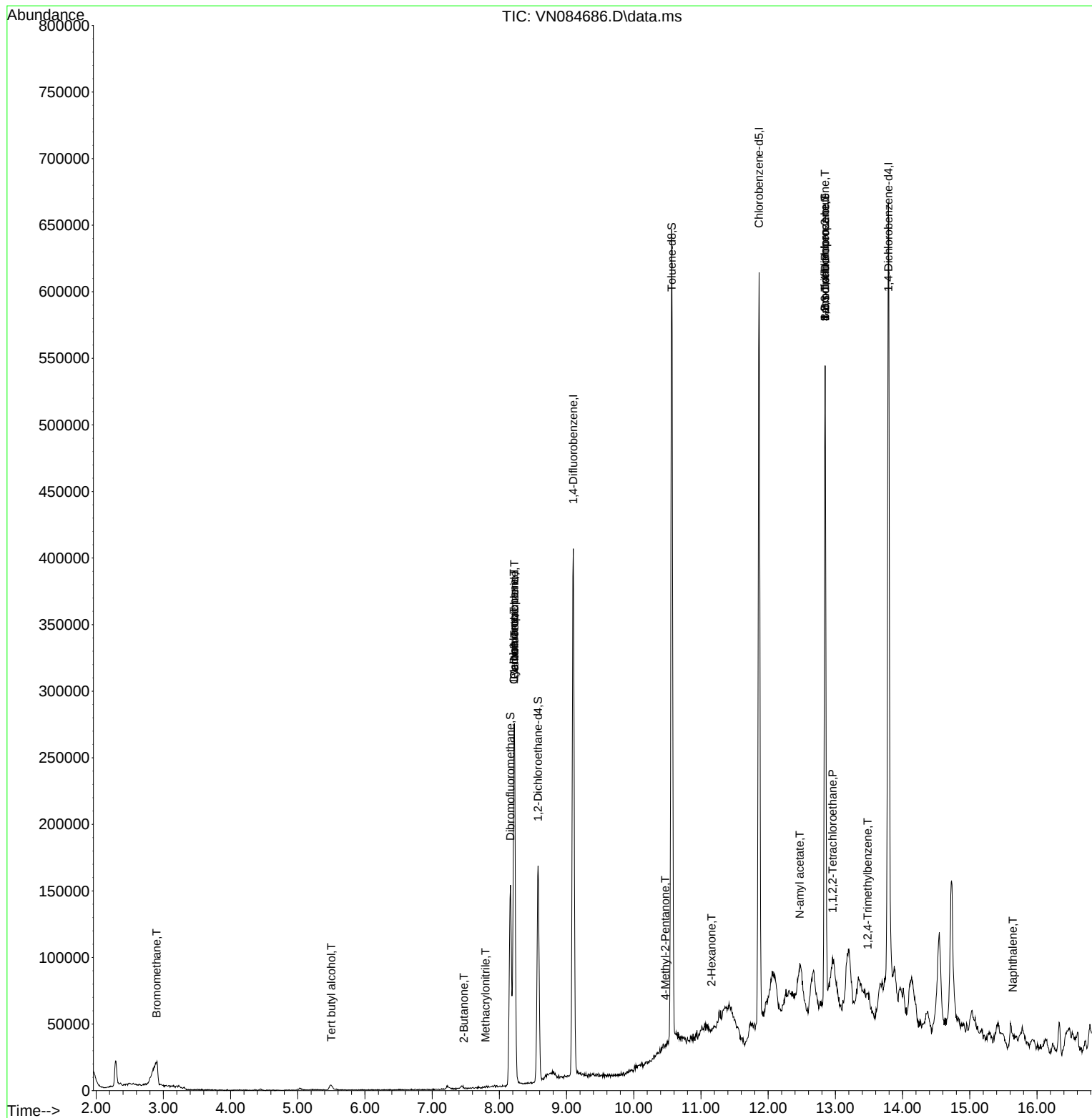
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	197156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133467	46.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.740%
35) Dibromofluoromethane	8.165	113	110174	46.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	10.565	98	413025	47.632	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.847	95	169852	52.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	734	Below Cal		93
5) Bromomethane	2.900	94	297	0.230 ug/l #		4
6) Chloroethane	3.124	64	288	Below Cal #		45
11) Tert butyl alcohol	5.500	59	1978	5.262 ug/l #		81
16) Acetone	4.441	43	113	Below Cal #		44
18) Methyl Acetate	5.030	43	3052	Below Cal #		60
25) 2-Butanone	7.471	43	343	0.258 ug/l #		48
31) Cyclohexane	8.218	56	6063	1.542 ug/l #		16
36) 1,1-Dichloropropene	8.218	75	16068	4.922 ug/l #		51
38) Carbon Tetrachloride	8.224	117	21492	5.890 ug/l #		14
41) Methacrylonitrile	7.794	41	440	0.276 ug/l #		31
43) Isopropyl Acetate	8.706	43	3362	Below Cal #		56
51) 4-Methyl-2-Pentanone	10.471	43	576	0.204 ug/l		98
59) 2-Hexanone	11.159	43	869	0.423 ug/l		84
71) Bromoform	12.847	173	868	0.462 ug/l #		1
74) N-amyl acetate	12.470	43	10039	2.245 ug/l #		59
75) 1,1,2,2-Tetrachloroethane	12.959	83	3131	0.893 ug/l #		1
76) 1,2,3-Trichloropropane	12.847	75	87001	29.025 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	87001	68.858 ug/l #		11
84) 1,2,4-Trimethylbenzene	13.482	105	1847	0.205 ug/l		78
88) 1,4-Dichlorobenzene	13.806	146	668	Below Cal #		1
95) Naphthalene	15.641	128	3445	0.397 ug/l #		90

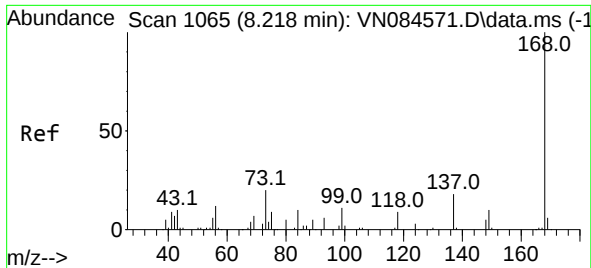
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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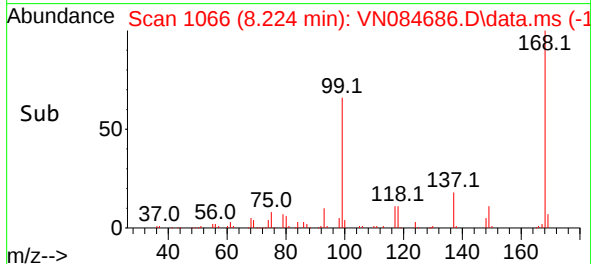
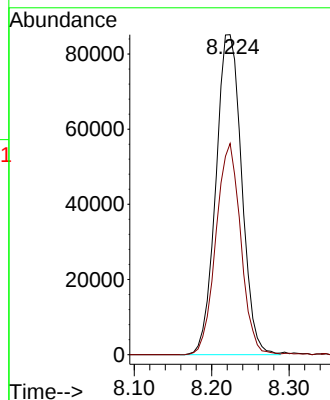
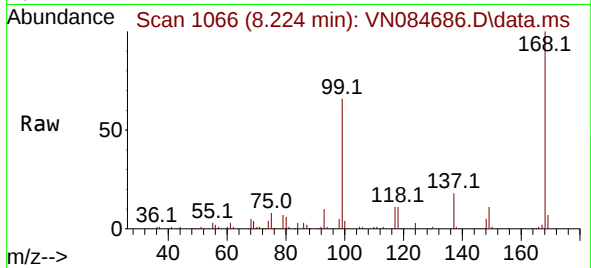




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

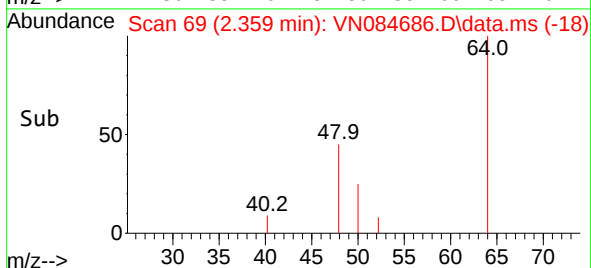
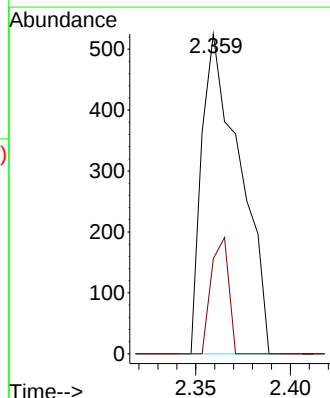
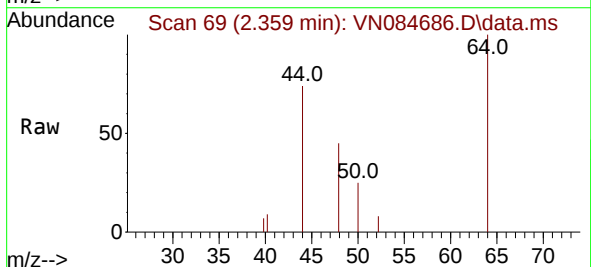
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 197156
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

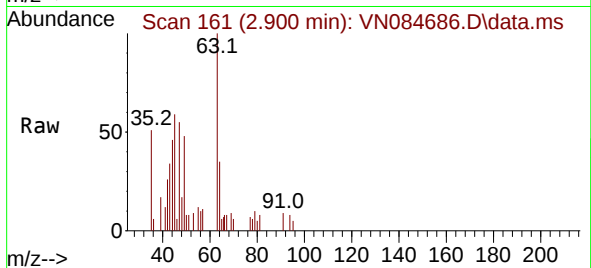
Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 29.7 26.8 40.2



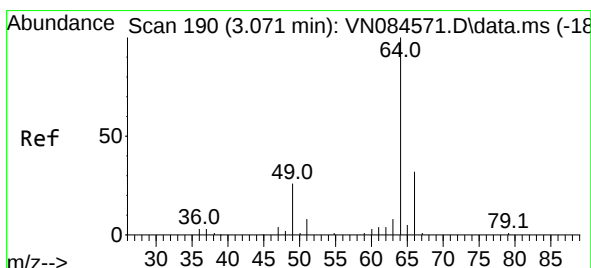
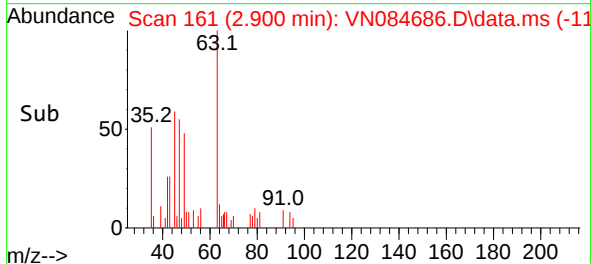
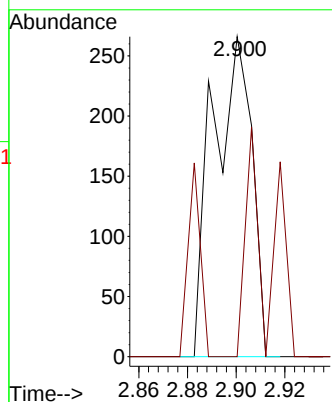


#5
Bromomethane
Concen: 0.230 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

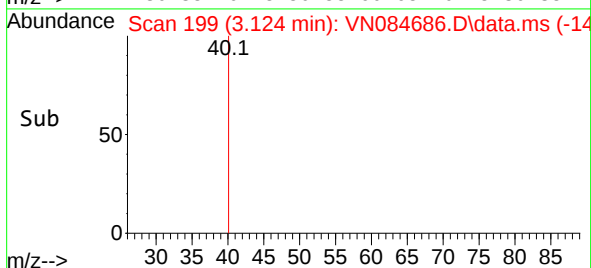
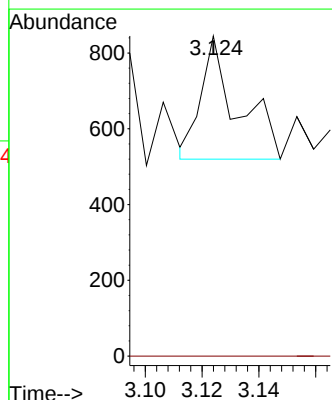
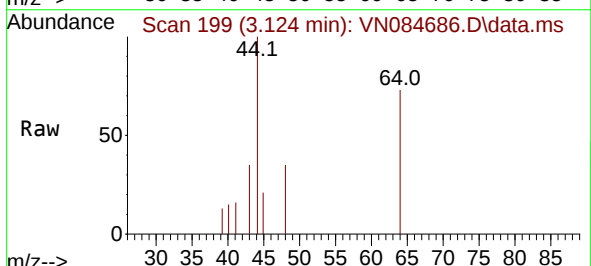


Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

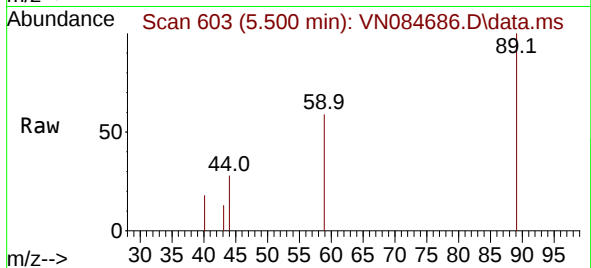
Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



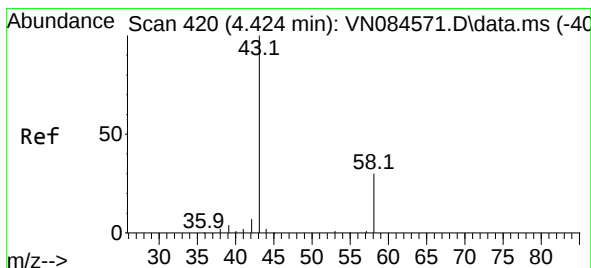
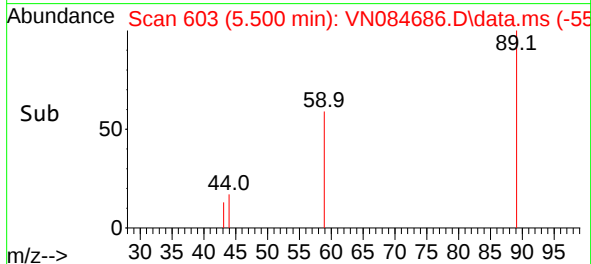
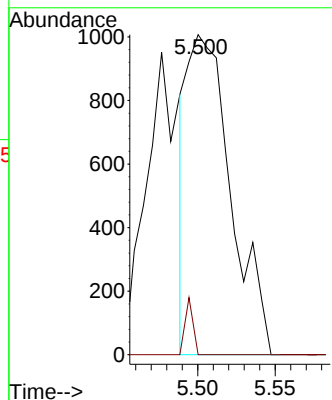


#11
Tert butyl alcohol
Concen: 5.262 ug/l
RT: 5.500 min Scan# 609
Delta R.T. -0.024 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

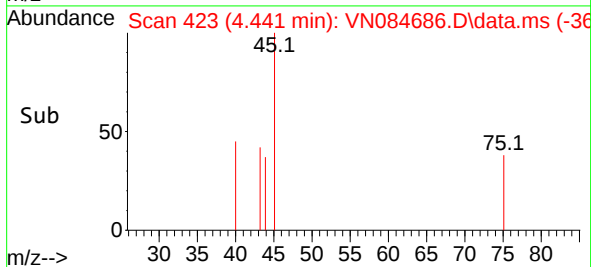
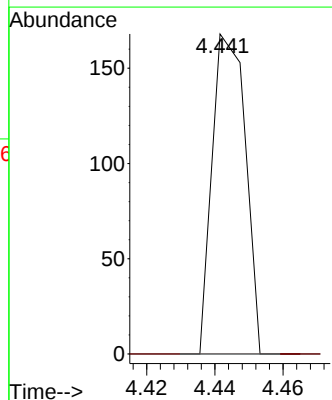
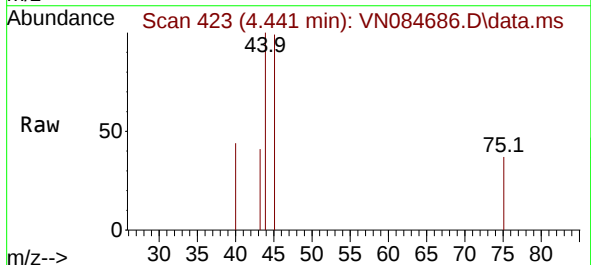


Tgt Ion: 59 Resp: 1978
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.030 min Scan# 51

Delta R.T. 0.012 min

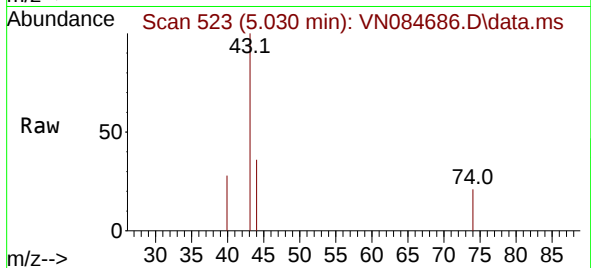
Lab File: VN084686.D

Acq: 05 Nov 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

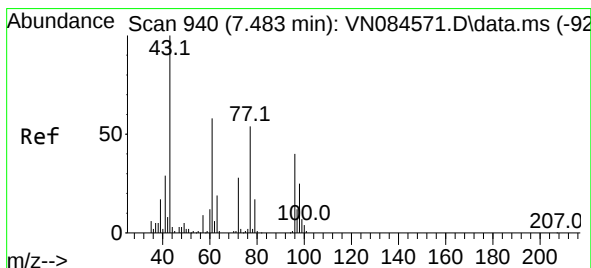
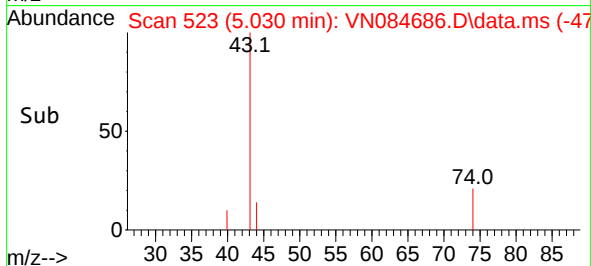
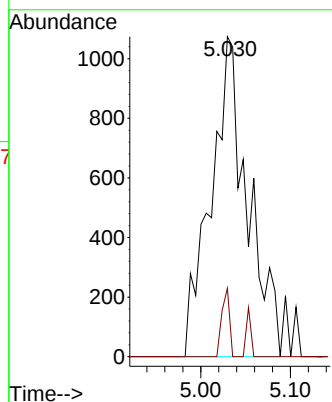


Tgt Ion: 43 Resp: 3052

Ion Ratio Lower Upper

43 100

74 4.5 19.2 28.8#



#25

2-Butanone

Concen: 0.258 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.012 min

Lab File: VN084686.D

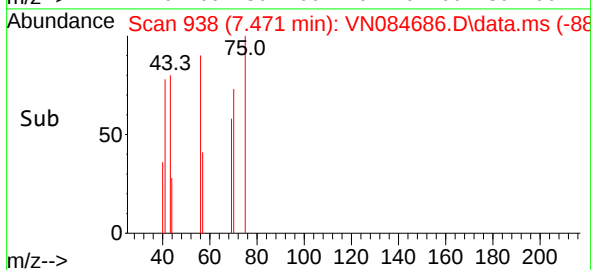
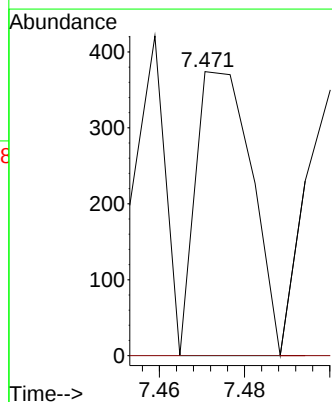
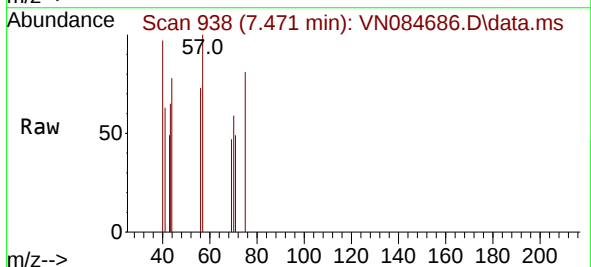
Acq: 05 Nov 2024 14:35

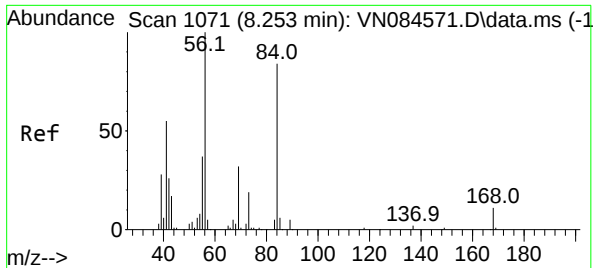
Tgt Ion: 43 Resp: 343

Ion Ratio Lower Upper

43 100

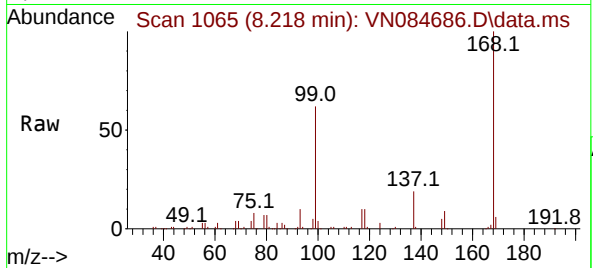
72 0.0 21.4 32.2#



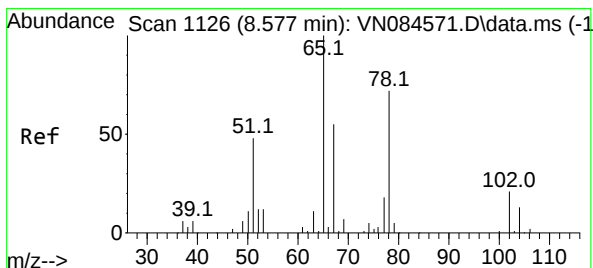
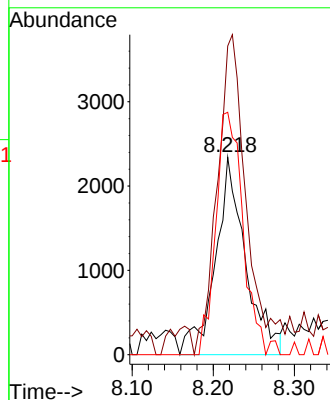
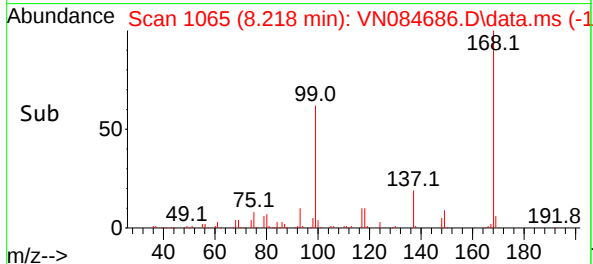


#31
Cyclohexane
Concen: 1.542 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

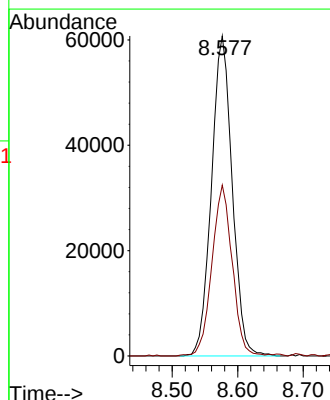
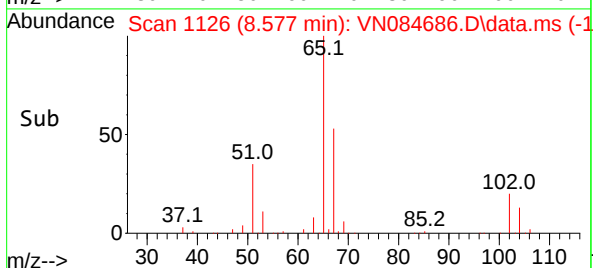
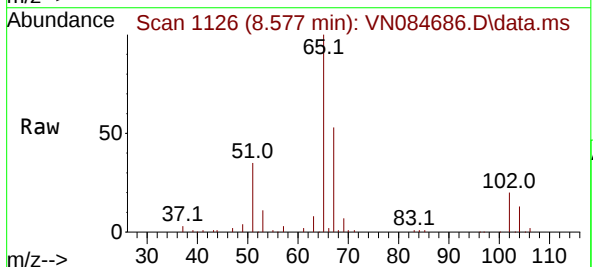


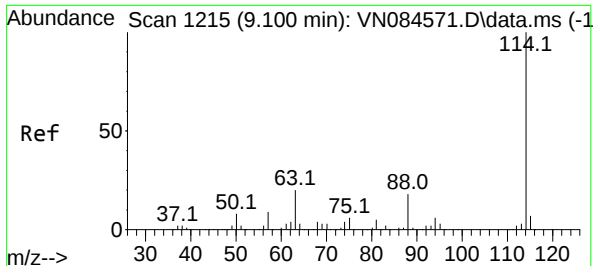
Tgt Ion: 56 Resp: 6063
Ion Ratio Lower Upper
56 100
69 143.4 23.8 35.6#
84 122.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 46.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Tgt Ion: 65 Resp: 133467
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084686.D

Acq: 05 Nov 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

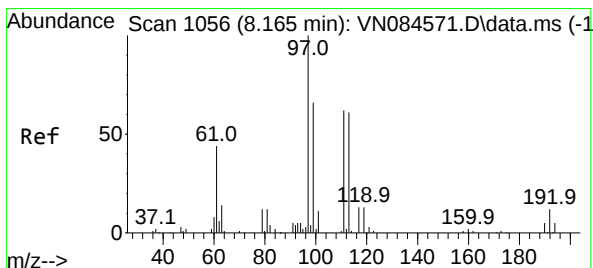
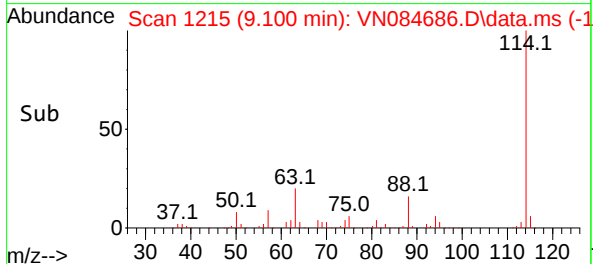
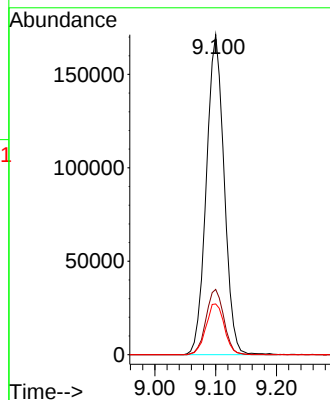
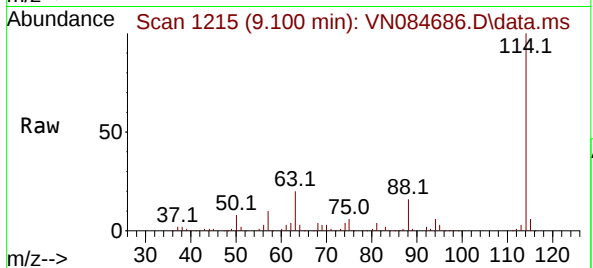
Tgt Ion:114 Resp: 347767

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.804 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084686.D

Acq: 05 Nov 2024 14:35

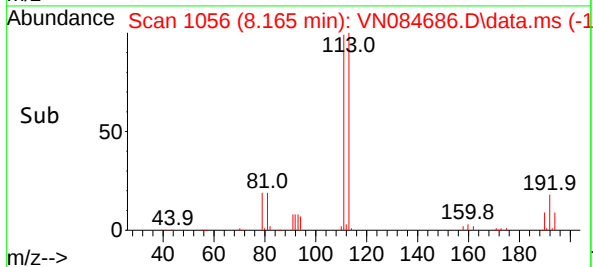
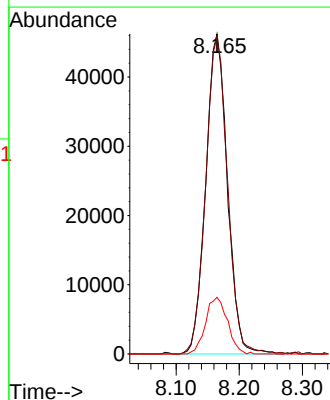
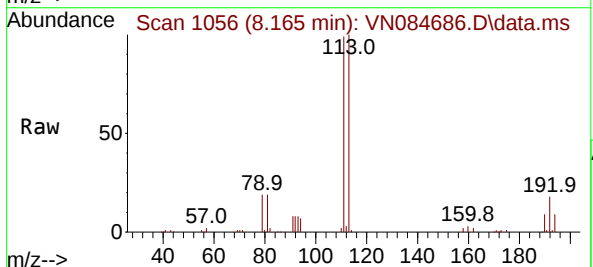
Tgt Ion:113 Resp: 110174

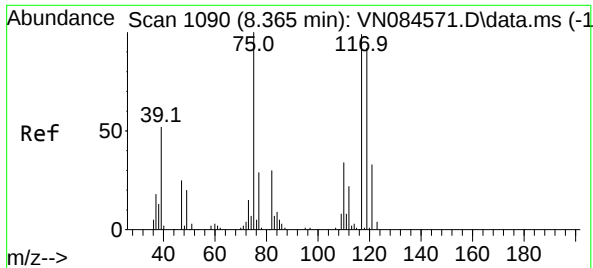
Ion Ratio Lower Upper

113 100

111 100.1 83.3 124.9

192 17.9 13.5 20.3

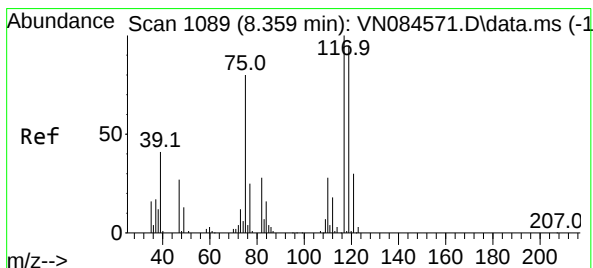
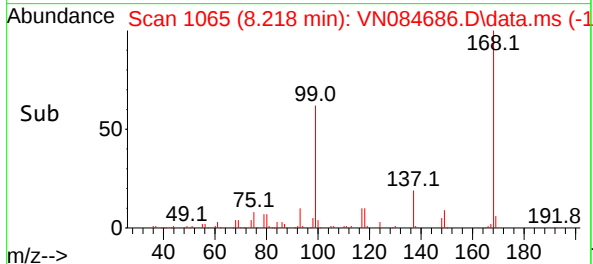
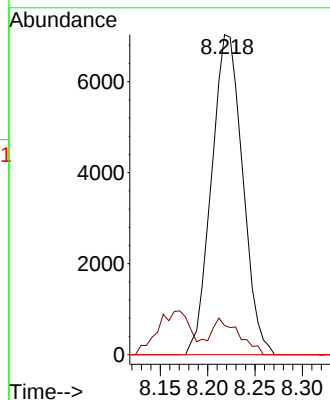
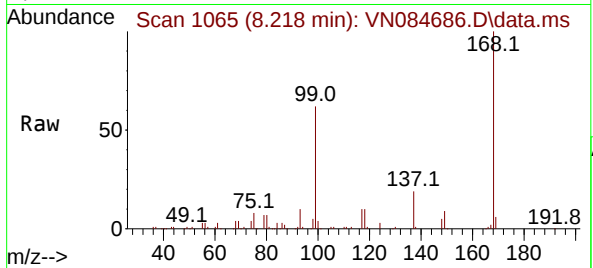




#36
 1,1-Dichloropropene
 Concen: 4.922 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

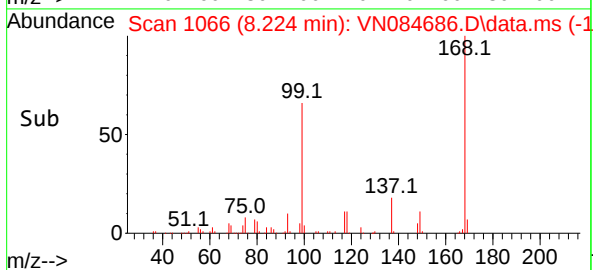
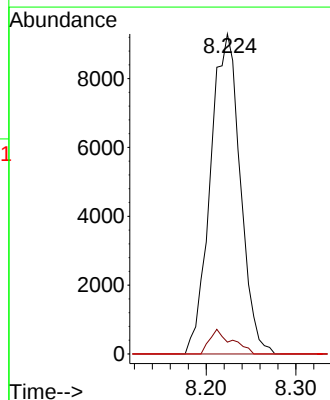
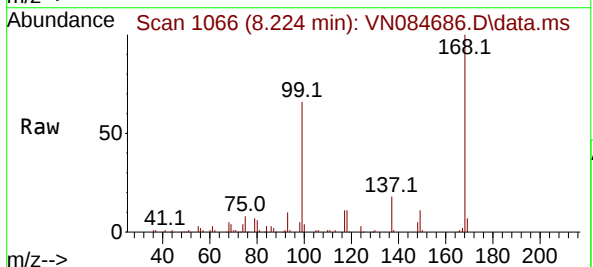
Instrument :
 MSVOA_N
 ClientSampleId :

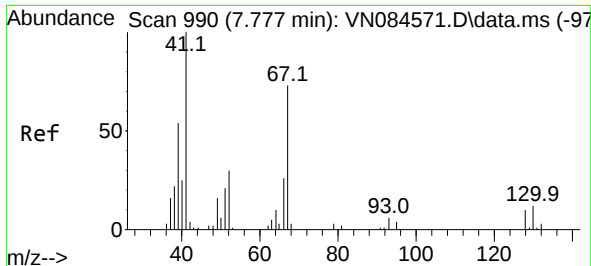
Tgt Ion: 75 Resp: 16068
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.9 50.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.890 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

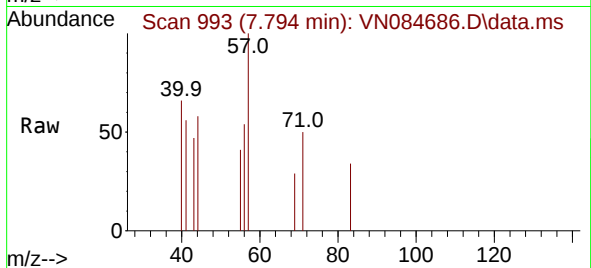
Tgt Ion: 117 Resp: 21492
 Ion Ratio Lower Upper
 117 100
 119 3.7 78.7 118.1#
 121 0.0 24.4 36.6#



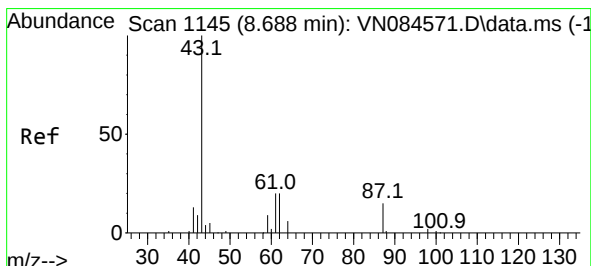
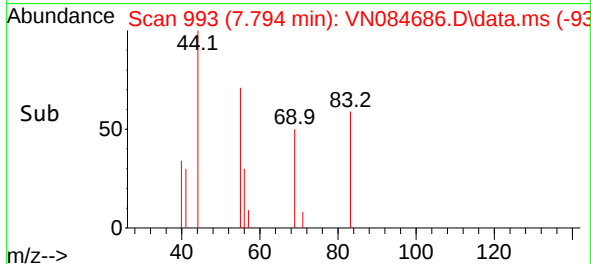
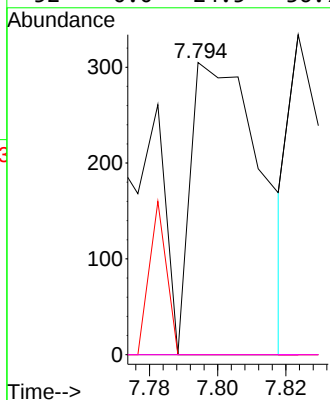


#41
Methacrylonitrile
Concen: 0.276 ug/l
RT: 7.794 min Scan# 990
Delta R.T. 0.017 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

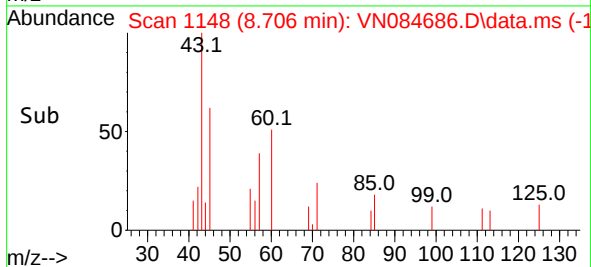
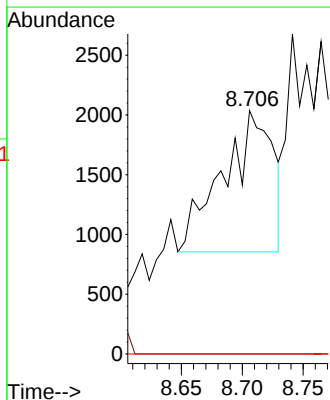
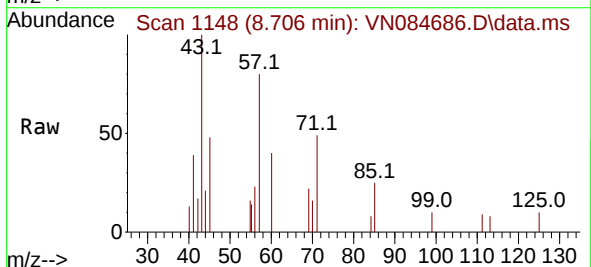


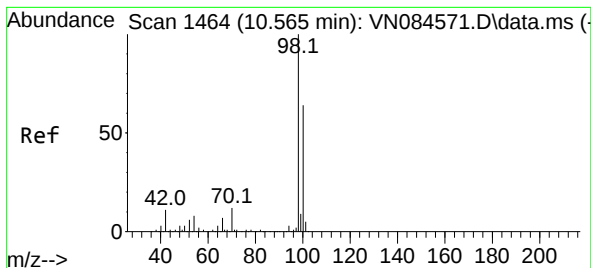
Tgt Ion:	41	Resp:	440
Ion Ratio	100	Lower	Upper
39	0.0	43.3	64.9#
67	12.7	56.1	84.1#
52	0.0	24.5	36.7#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

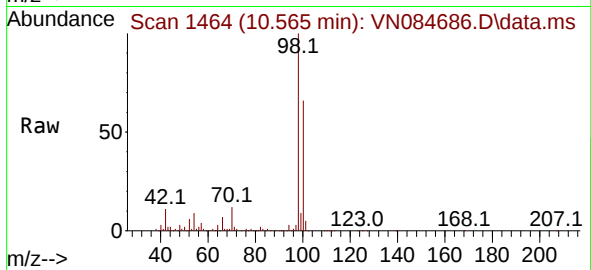
Tgt Ion:	43	Resp:	3362
Ion Ratio	100	Lower	Upper
61	0.0	20.4	30.6#
87	0.0	10.3	15.5#



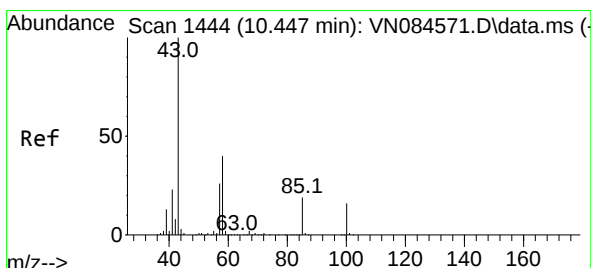
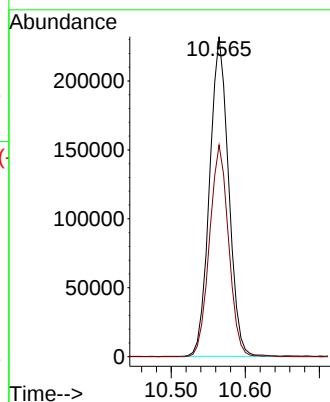
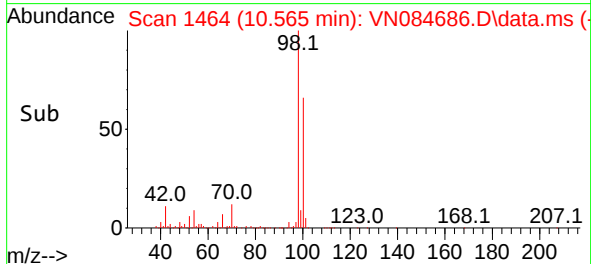


#50
Toluene-d8
Concen: 47.632 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

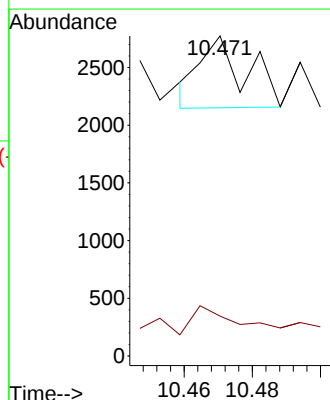
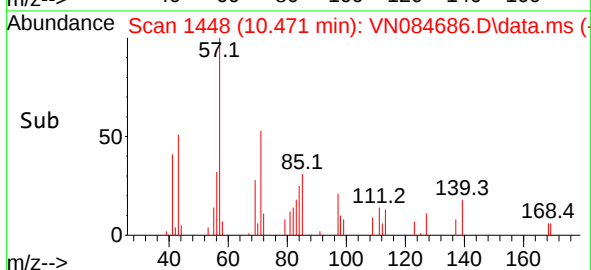
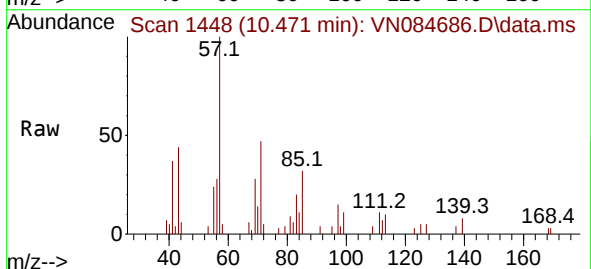


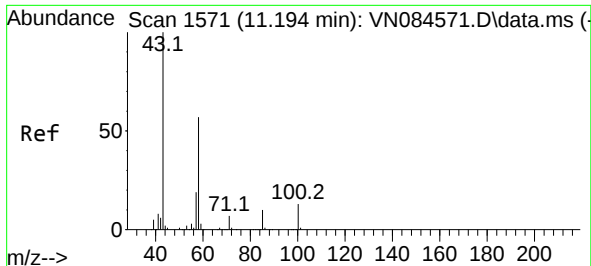
Tgt Ion: 98 Resp: 413025
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.204 ug/l
RT: 10.471 min Scan# 1448
Delta R.T. 0.029 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 41.0 31.6 47.4

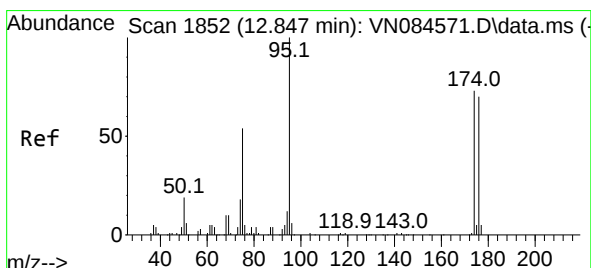
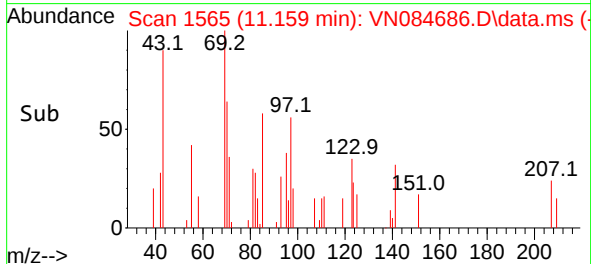
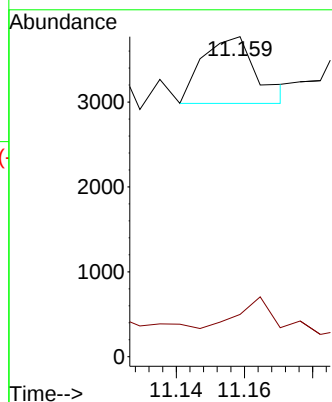
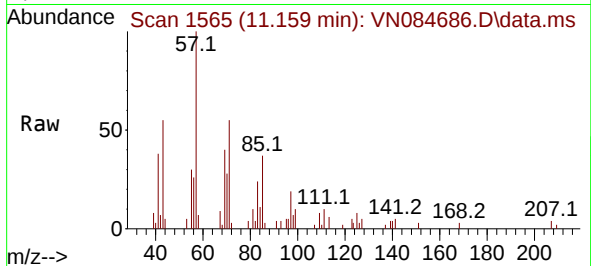




#59
2-Hexanone
Concen: 0.423 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

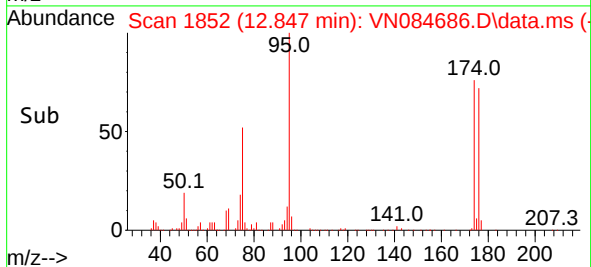
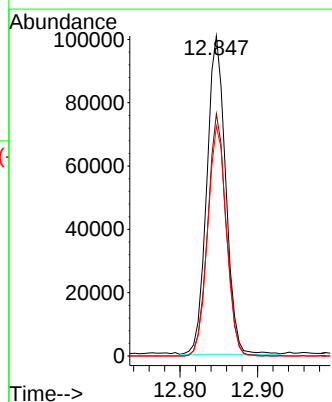
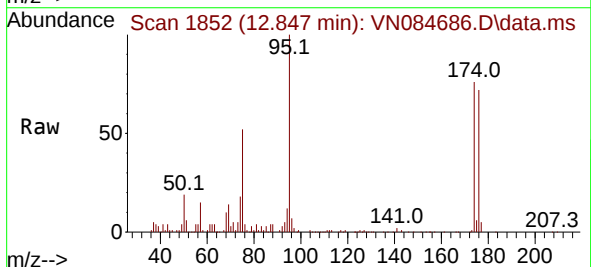
Instrument :
MSVOA_N
ClientSampleId :

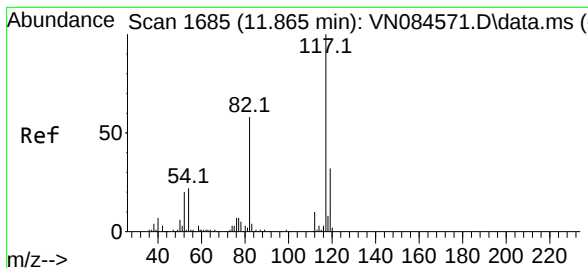
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 43.2 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 52.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

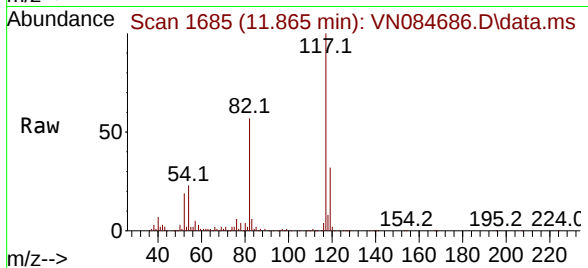
Tgt Ion: 95 Resp: 169852
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 71.6 0.0 140.0



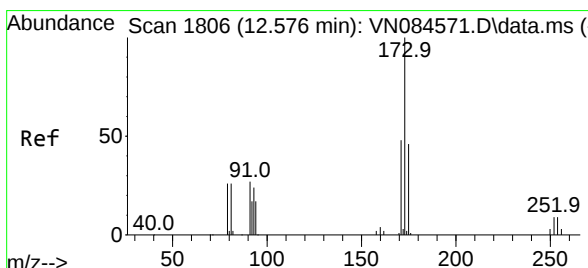
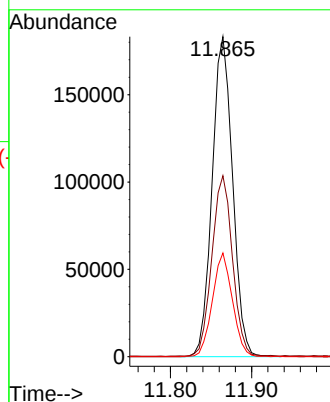
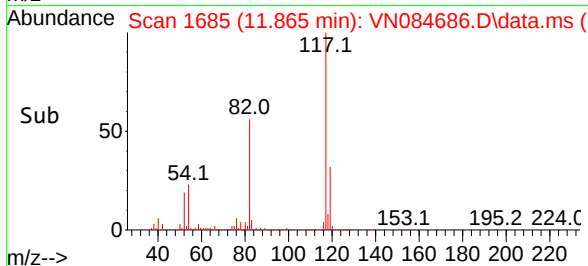


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

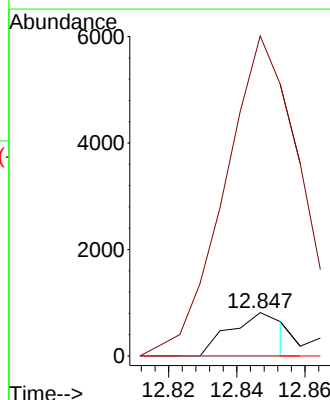
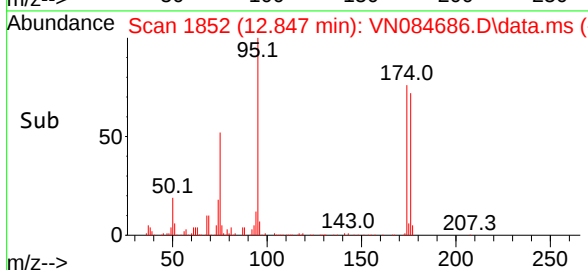
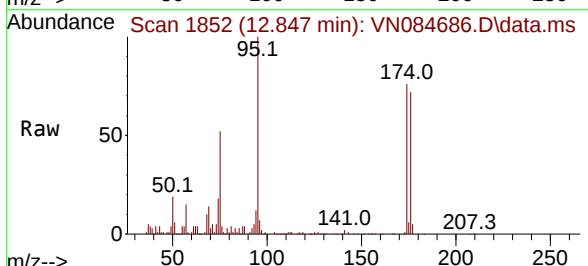


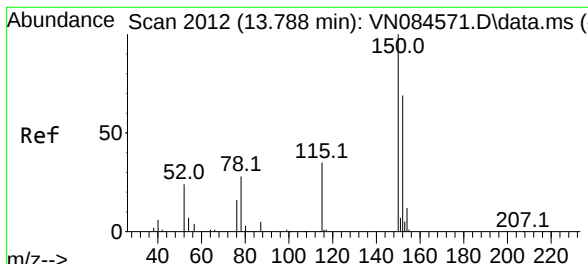
Tgt Ion:117 Resp: 320608
Ion Ratio Lower Upper
117 100
82 56.3 47.2 70.8
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.462 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

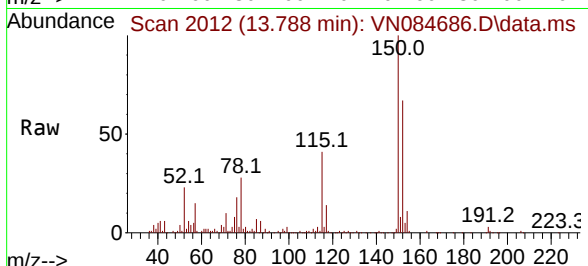
Tgt Ion:173 Resp: 868
Ion Ratio Lower Upper
173 100
175 831.1 23.5 70.6#
254 0.0 0.0 0.0



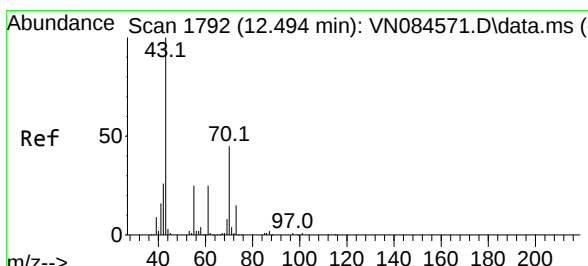
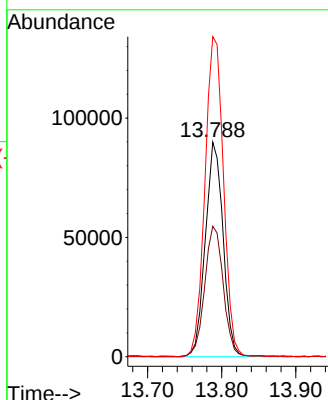
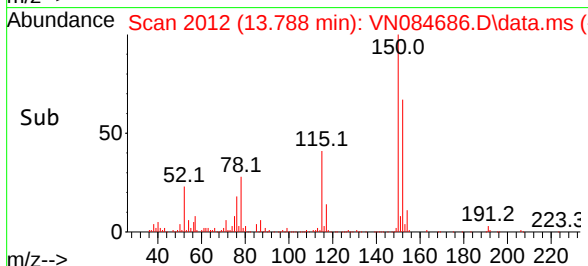


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

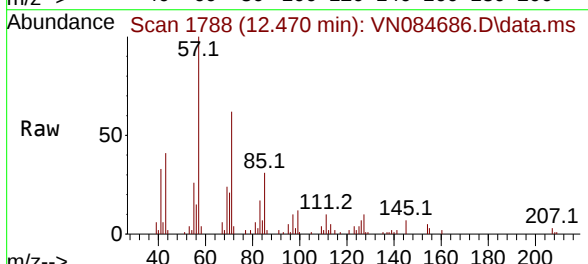
Instrument :
 MSVOA_N
 ClientSampleId :



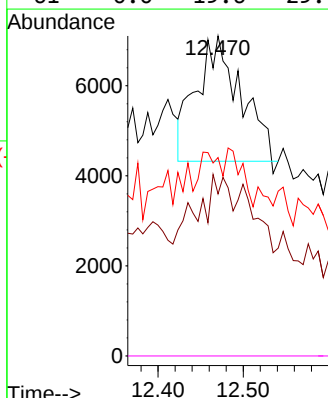
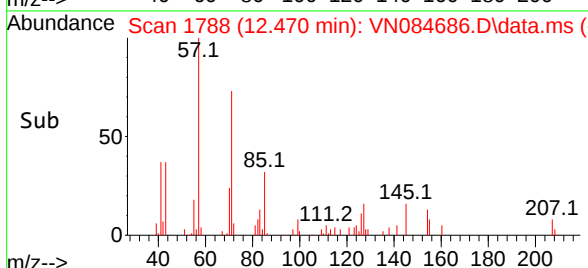
Tgt Ion:152 Resp: 149953
 Ion Ratio Lower Upper
 152 100
 115 64.1 31.3 93.9
 150 155.2 0.0 349.8

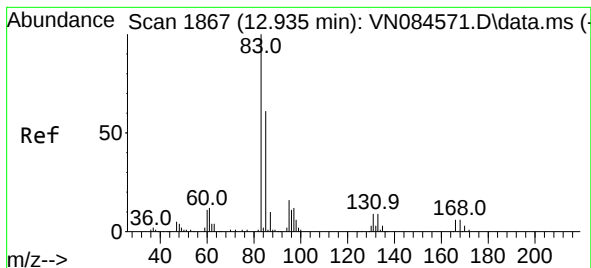


#74
 N-ethyl acetate
 Concen: 2.245 ug/l
 RT: 12.470 min Scan# 1788
 Delta R.T. -0.024 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35



Tgt Ion: 43 Resp: 10039
 Ion Ratio Lower Upper
 43 100
 70 13.6 34.4 51.6#
 55 13.0 19.6 29.4#
 61 0.0 19.6 29.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.893 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.023 min

Lab File: VN084686.D

Acq: 05 Nov 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

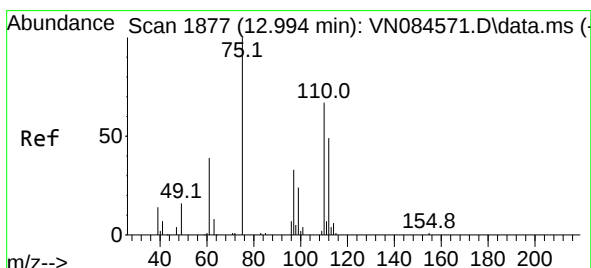
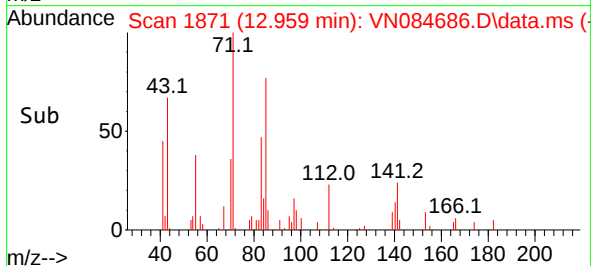
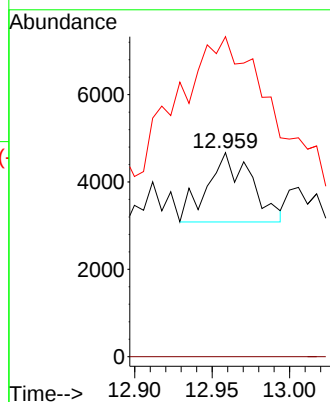
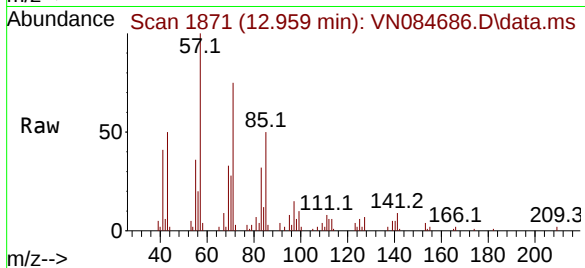
Tgt Ion: 83 Resp: 3131

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 817.5 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 29.025 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084686.D

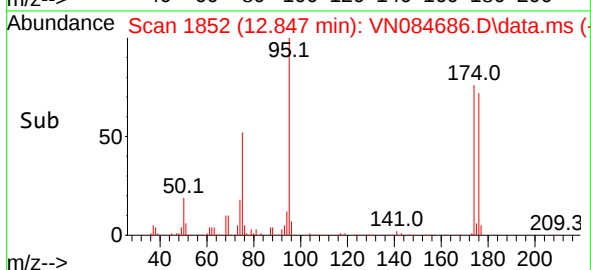
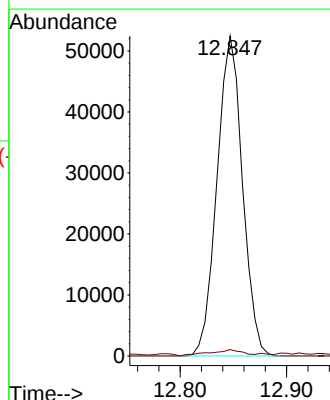
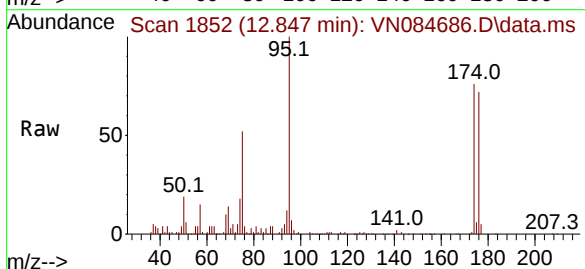
Acq: 05 Nov 2024 14:35

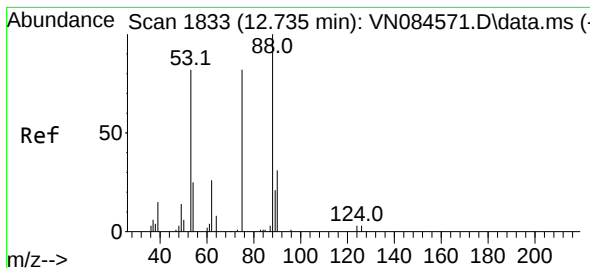
Tgt Ion: 75 Resp: 87001

Ion Ratio Lower Upper

75 100

77 2.6 96.9 290.7#

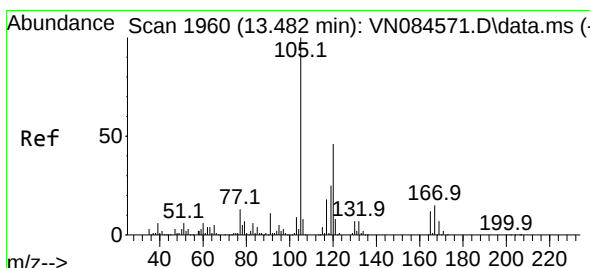
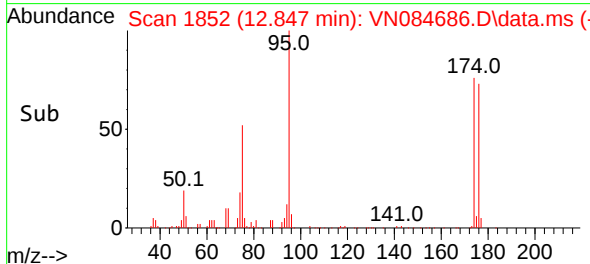
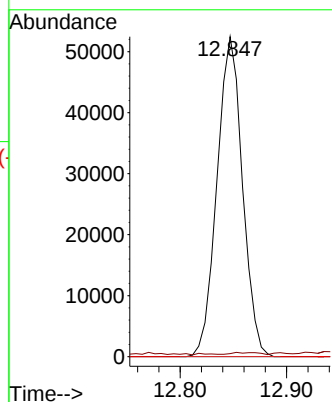
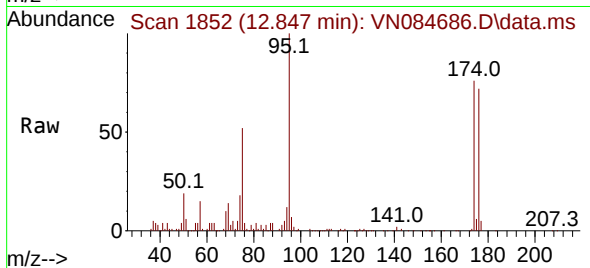




#81
trans-1,4-Dichloro-2-butene
Concen: 68.858 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

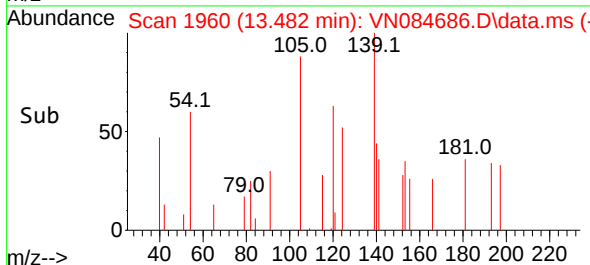
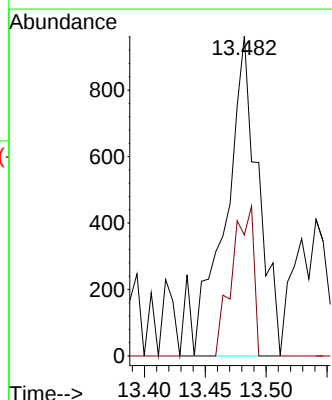
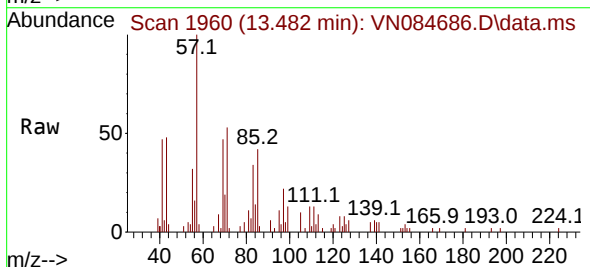
Instrument :
MSVOA_N
ClientSampleId :

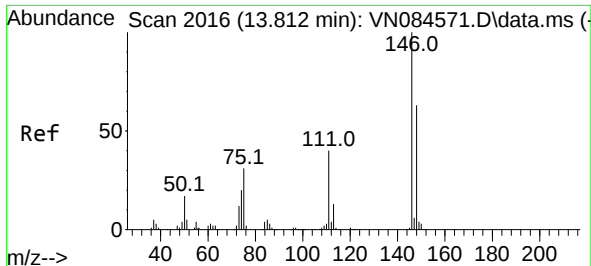
Tgt Ion: 75 Resp: 87001
Ion Ratio Lower Upper
75 100
53 0.7 78.0 117.0#
89 0.0 35.5 53.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.205 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

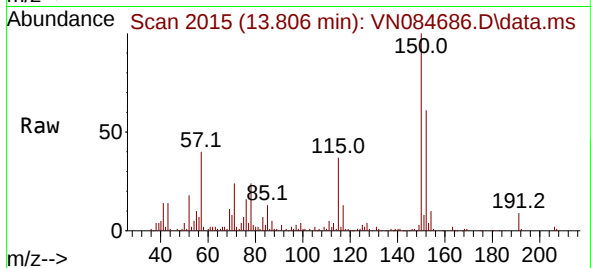
Tgt Ion: 105 Resp: 1847
Ion Ratio Lower Upper
105 100
120 30.1 22.3 66.8



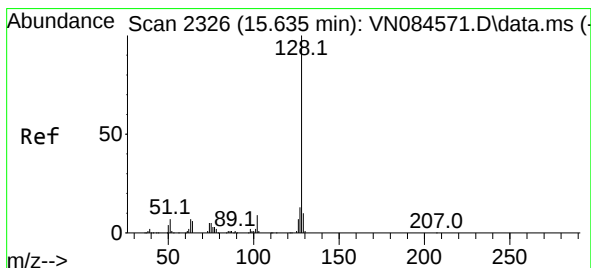
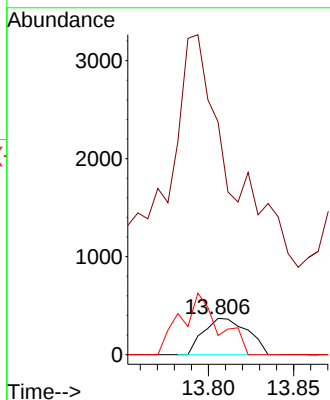
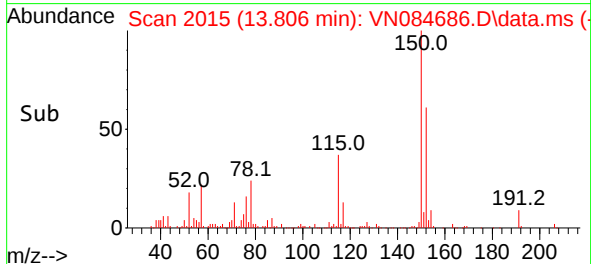


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 668
Ion Ratio Lower Upper
146 100
111 445.4 21.2 63.6#
148 147.9 31.9 95.9#



#95
Naphthalene
Concen: 0.397 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084686.D
Acq: 05 Nov 2024 14:35

Tgt Ion:128 Resp: 3445
Ion Ratio Lower Upper
128 100
127 15.6 10.5 15.7
129 16.7 8.7 13.1#

