

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084996.D
 Acq On : 21 Nov 2024 15:57
 Operator : JC\MD
 Sample : VN1121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 04:34:42 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	8.218	168	156478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118972	52.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.280%	
35) Dibromofluoromethane	8.165	113	95027	49.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	10.565	98	321033	45.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.600%	
62) 4-Bromofluorobenzene	12.847	95	116569	44.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.000%	

Target Compounds				Qvalue		
3) Chloromethane	2.353	50	843	Below Cal	#	41
5) Bromomethane	2.906	94	848	0.827	ug/l	95
6) Chloroethane	3.136	64	950	Below Cal	#	45
10) Methyl Iodide	4.577	142	557	0.231	ug/l	# 40
11) Tert butyl alcohol	5.494	59	2715	9.101	ug/l	# 73
13) Acrolein	4.183	56	142	0.477	ug/l	# 14
15) Acrylonitrile	5.724	53	283	0.328	ug/l	# 63
16) Acetone	4.418	43	56	Below Cal	#	44
17) Carbon Disulfide	4.700	76	3433	0.626	ug/l	# 81
18) Methyl Acetate	5.006	43	513	Below Cal	#	51
21) trans-1,2-Dichloroethene	5.777	96	619	0.338	ug/l	# 28
25) 2-Butanone	7.488	43	316	0.300	ug/l	# 48
31) Cyclohexane	8.224	56	3862	1.238	ug/l	# 1
36) 1,1-Dichloropropene	8.371	75	737	0.279	ug/l	# 80
38) Carbon Tetrachloride	8.218	117	17680	5.994	ug/l	# 15
43) Isopropyl Acetate	8.753	43	17300	3.004	ug/l	# 56
44) Trichloroethene	9.341	130	708	0.362	ug/l	59
49) 1,4-Dioxane	9.706	88	75	2.271	ug/l	# 23
51) 4-Methyl-2-Pentanone	10.447	43	830	0.364	ug/l	# 36
52) Toluene	10.629	92	1134	0.229	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	1356	0.443	ug/l	96
54) cis-1,3-Dichloropropene	10.300	75	925	0.286	ug/l	# 80
58) 2-Chloroethyl Vinyl ether	10.159	63	1617	1.280	ug/l	# 86
59) 2-Hexanone	11.194	43	1521	0.916	ug/l	87
61) 1,2-Dibromoethane	11.465	107	568	0.297	ug/l	91
64) Tetrachloroethene	11.106	164	453	0.282	ug/l	# 80
65) Chlorobenzene	11.894	112	3038	0.562	ug/l	97
67) Ethyl Benzene	11.959	91	3008	0.333	ug/l	89
68) m/p-Xylenes	12.070	106	2238	0.655	ug/l	97
70) Styrene	12.412	104	3107	0.558	ug/l	92
71) Bromoform	12.582	173	525	0.371	ug/l	# 66
73) Isopropylbenzene	12.700	105	2015	0.284	ug/l	87
74) N-amyl acetate	12.494	43	1061	0.351	ug/l	# 81
75) 1,1,2,2-Tetrachloroethane	12.941	83	731	0.309	ug/l	# 94
76) 1,2,3-Trichloropropane	12.847	75	60511	29.886	ug/l	# 1
77) Bromobenzene	12.982	156	1859	0.974	ug/l	85

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

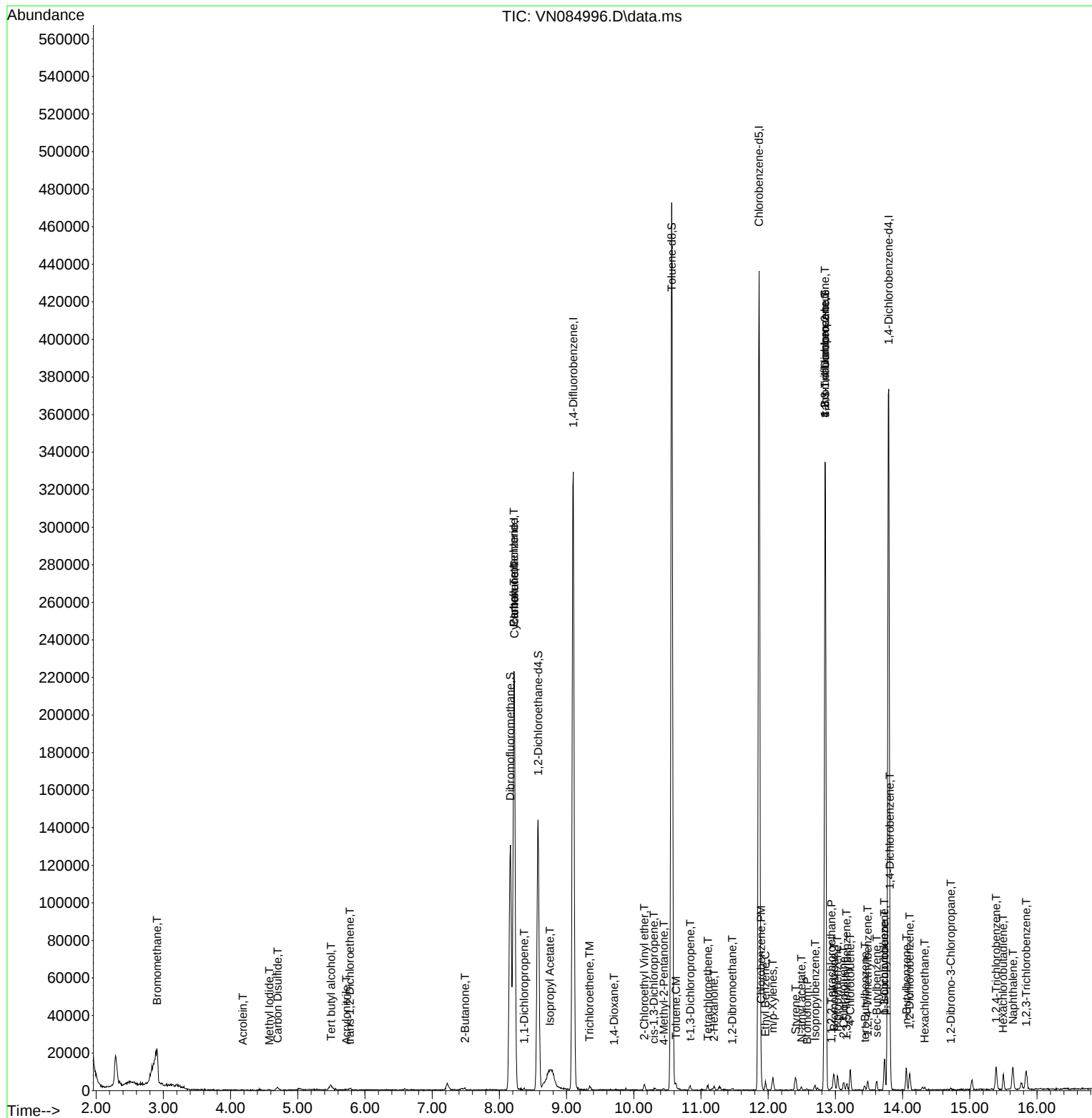
78) n-propylbenzene	13.029	91	5662	0.681	ug/l	98
79) 2-Chlorotoluene	13.123	91	3463	0.637	ug/l	94
80) 1,3,5-Trimethylbenzene	13.165	105	2348	0.399	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.847	75	60511	70.902	ug/l #	11
82) 4-Chlorotoluene	13.223	91	6918	1.210	ug/l	96
83) tert-Butylbenzene	13.441	119	1378	0.283	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	2798	0.461	ug/l	90
85) sec-Butylbenzene	13.617	105	3455	0.502	ug/l	99
86) p-Isopropyltoluene	13.729	119	2951	0.523	ug/l	94
87) 1,3-Dichlorobenzene	13.729	146	5417	1.455	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	6995	1.205	ug/l	86
89) n-Butylbenzene	14.059	91	6706	1.271	ug/l	96
90) Hexachloroethane	14.329	117	396	0.315	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	4267	1.192	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	487	1.015	ug/l #	54
93) 1,2,4-Trichlorobenzene	15.394	180	4626	2.362	ug/l	99
94) Hexachlorobutadiene	15.494	225	1588	1.846	ug/l	94
95) Naphthalene	15.647	128	12828	2.188	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.841	180	4578	2.408	ug/l	97

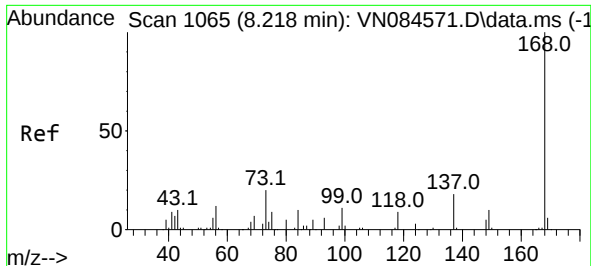
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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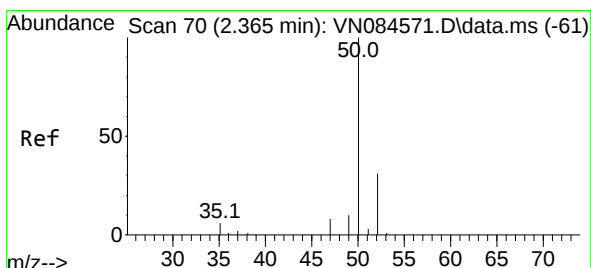
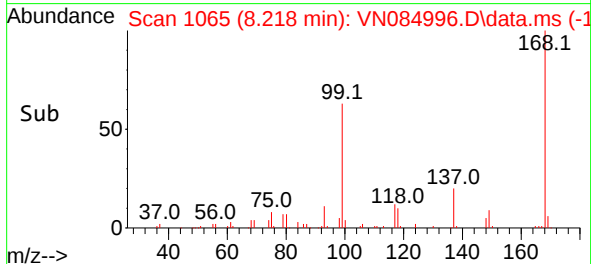
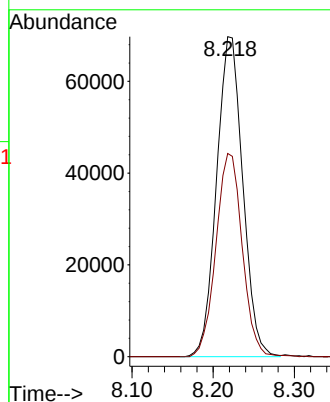
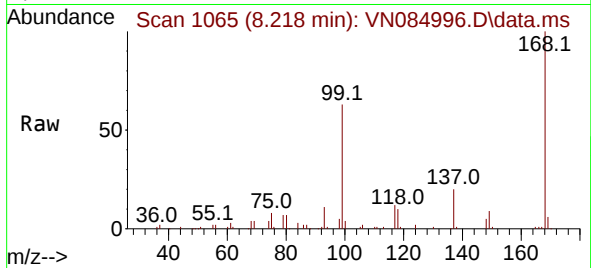




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

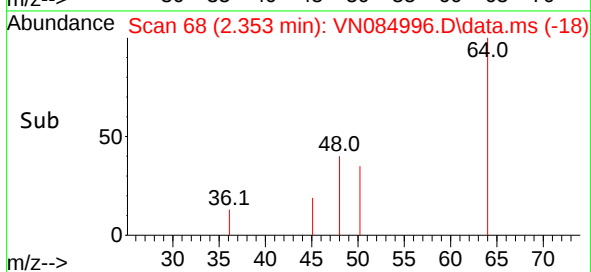
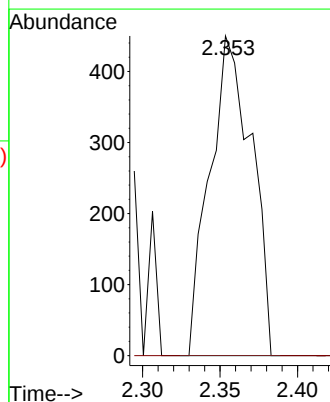
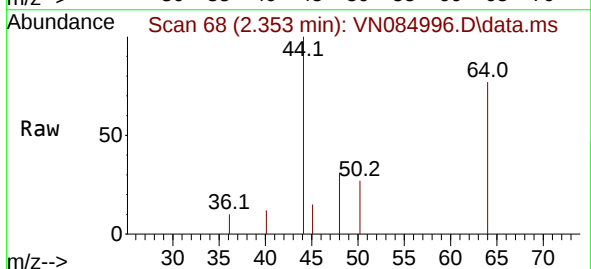
Instrument :
MSVOA_N
ClientSampleId :

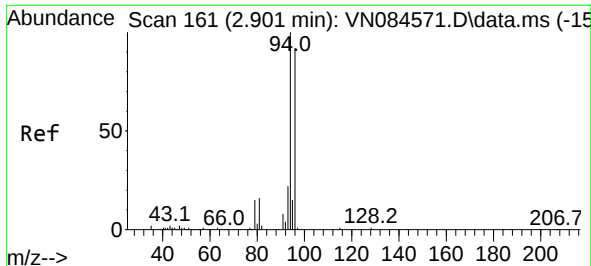
Tgt Ion:168 Resp: 156478
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 50 Resp: 843
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

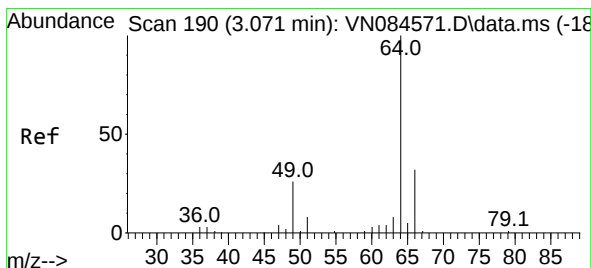
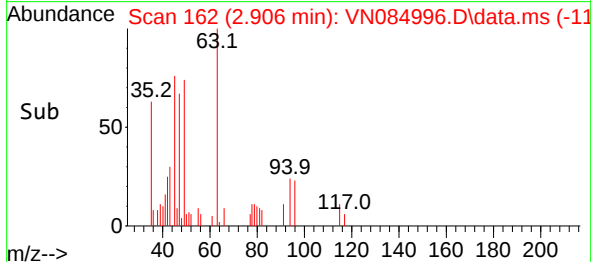
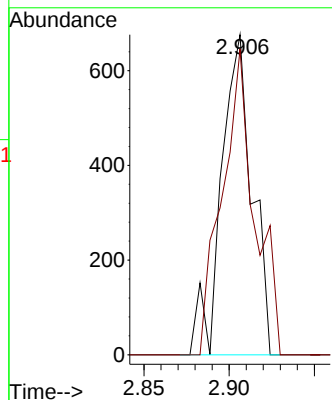
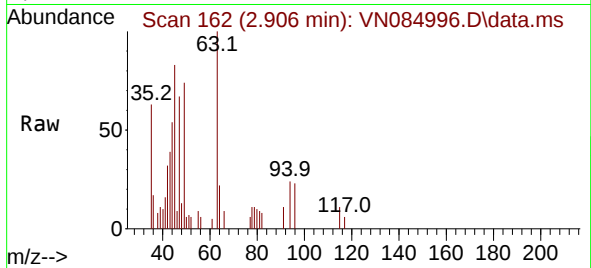




#5
Bromomethane
Concen: 0.827 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

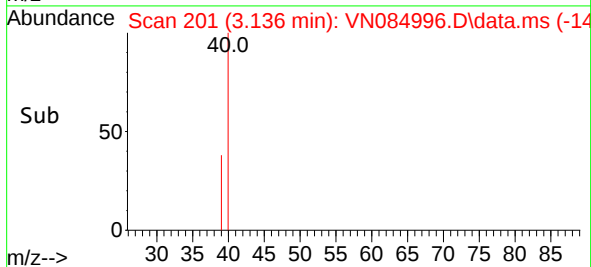
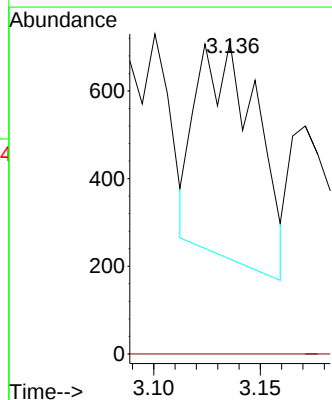
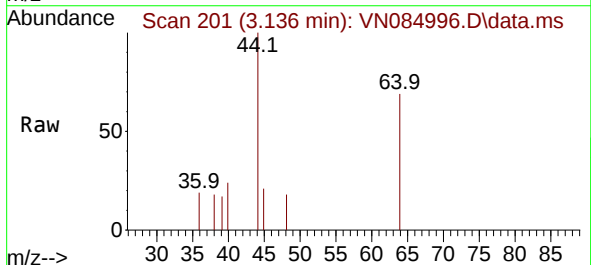
Instrument :
MSVOA_N
ClientSampleId :

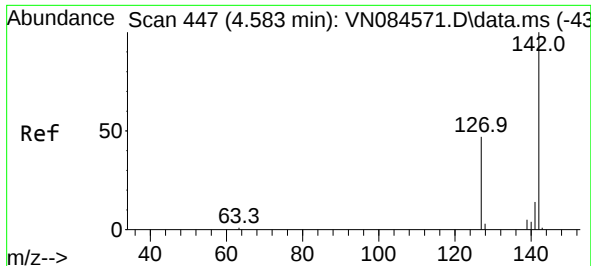
Tgt Ion: 94 Resp: 848
Ion Ratio Lower Upper
94 100
96 95.6 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

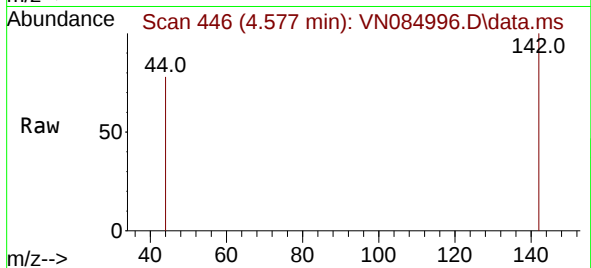
Tgt Ion: 64 Resp: 950
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



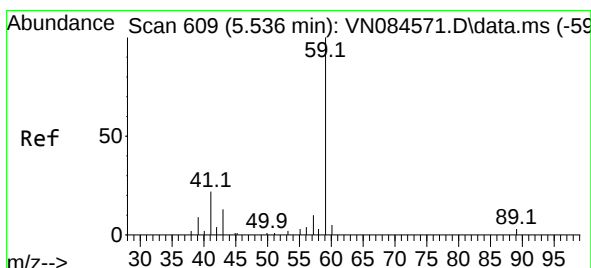
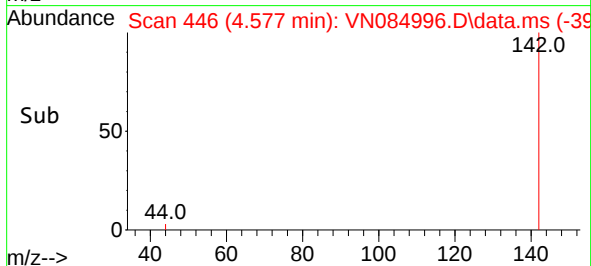
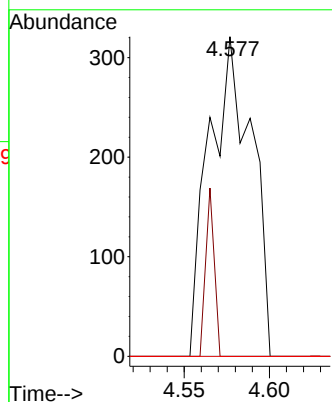


#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.018 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

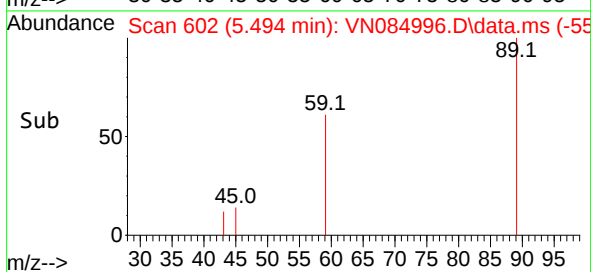
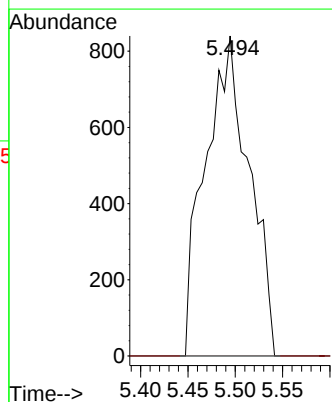
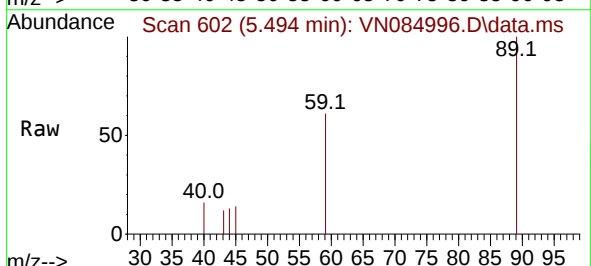


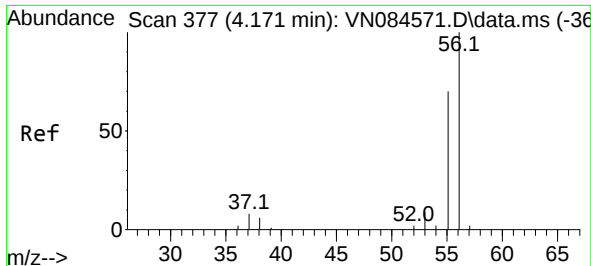
Tgt Ion:142 Resp: 557
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#



#11
Tert butyl alcohol
Concen: 9.101 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 59 Resp: 2715
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.477 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

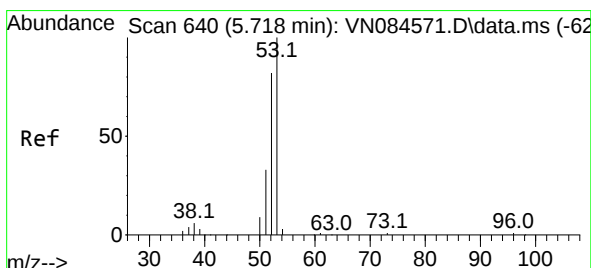
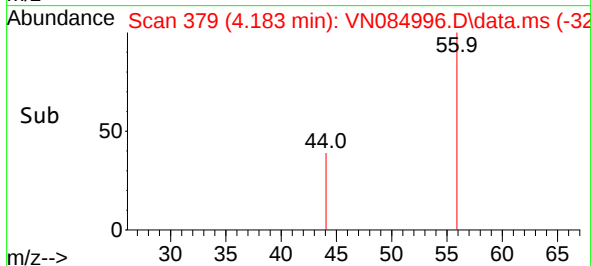
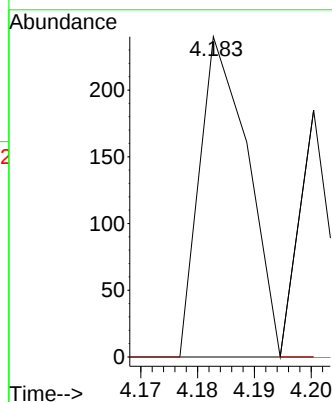
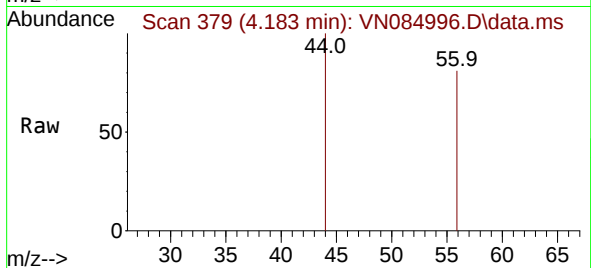
ClientSampleId :

Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#15

Acrylonitrile

Concen: 0.328 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

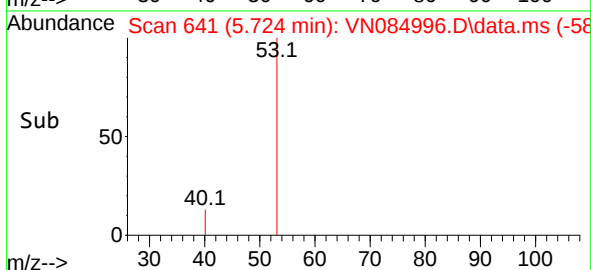
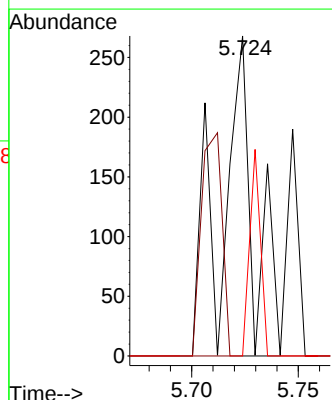
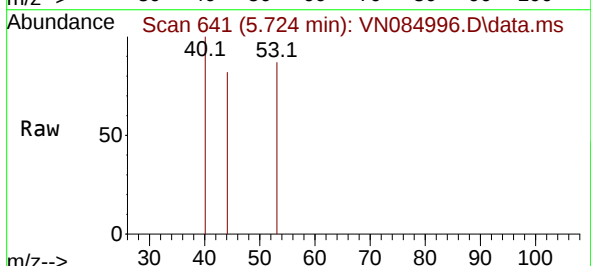
Tgt Ion: 53 Resp: 283

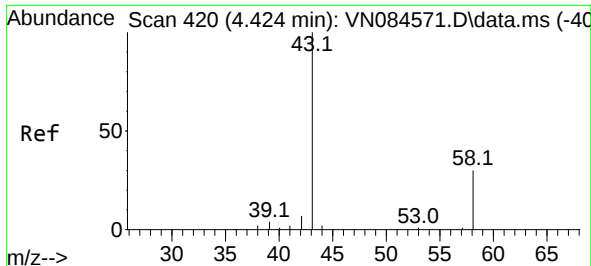
Ion Ratio Lower Upper

53 100

52 44.9 66.2 99.4#

51 21.6 28.8 43.2#





#16

Acetone

Concen: Below Cal

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

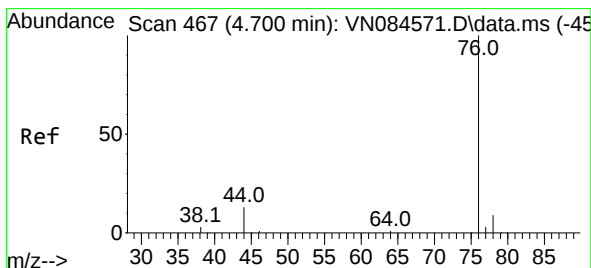
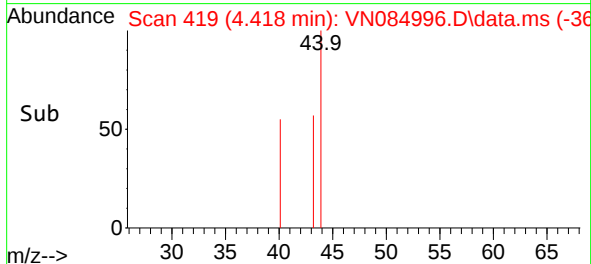
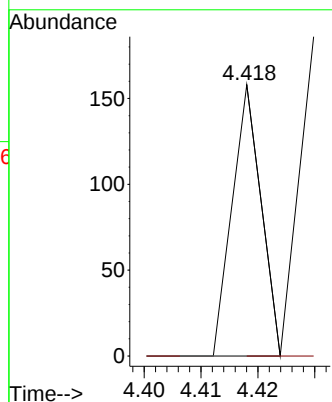
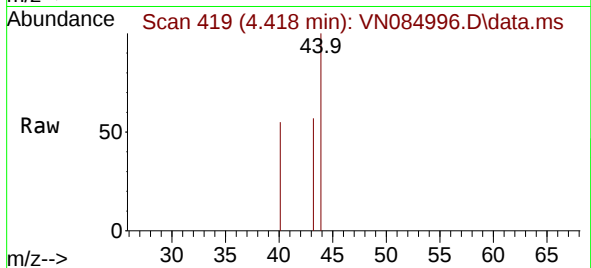
ClientSampleId :

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#17

Carbon Disulfide

Concen: 0.626 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN084996.D

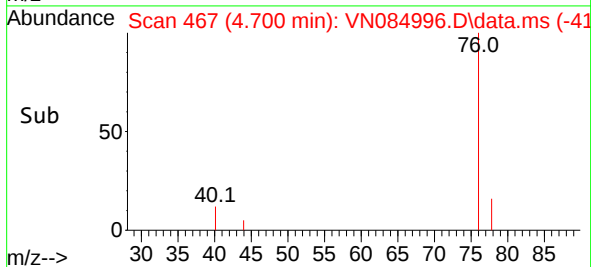
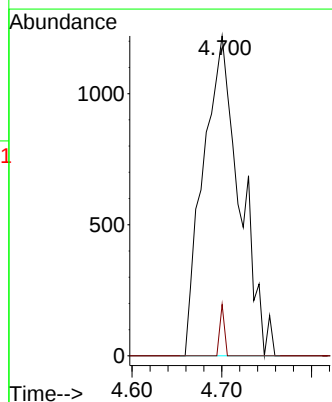
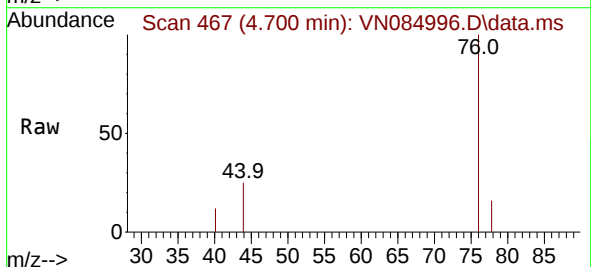
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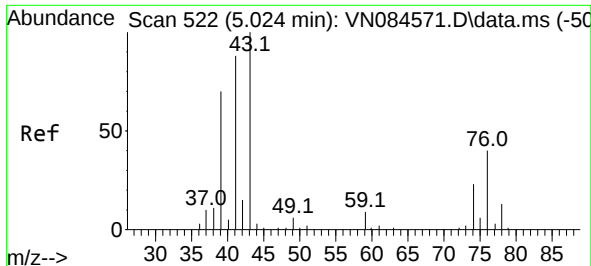
Tgt Ion: 76 Resp: 3433

Ion Ratio Lower Upper

76 100

78 16.1 7.3 10.9#

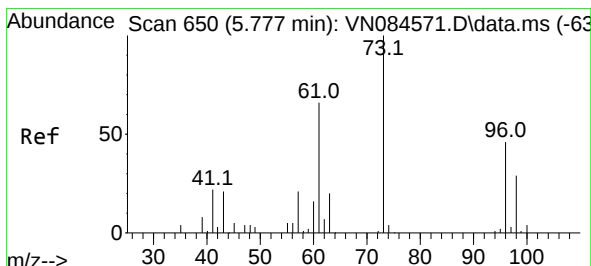
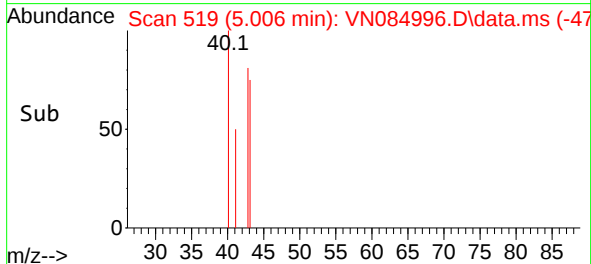
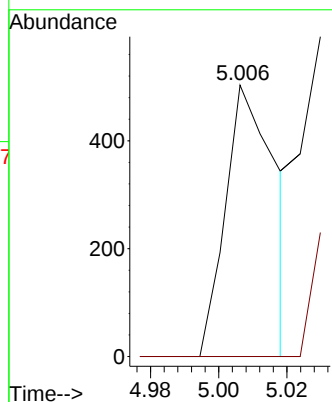
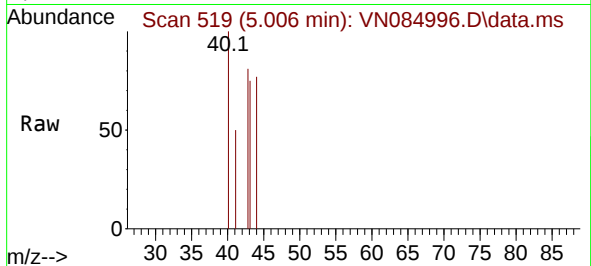




#18
Methyl Acetate
Concen: Below Cal
RT: 5.006 min Scan# 513
Delta R.T. -0.012 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

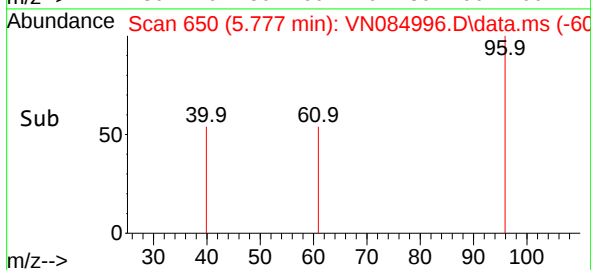
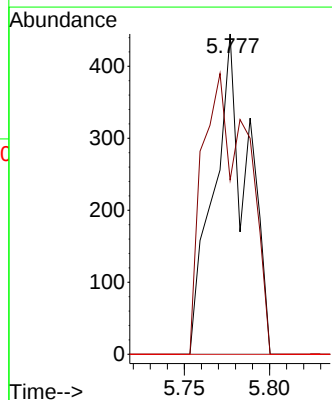
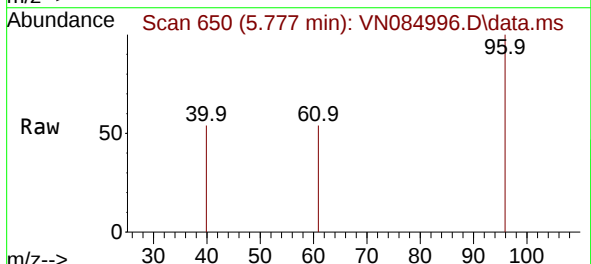
Instrument :
MSVOA_N
ClientSampleId :

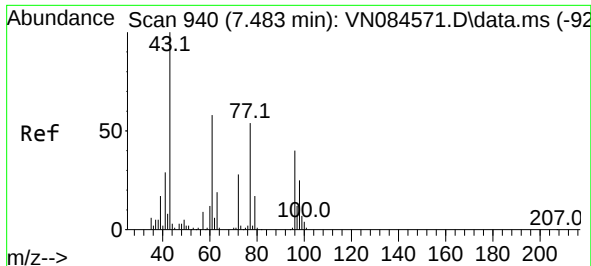
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#21
trans-1,2-Dichloroethene
Concen: 0.338 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 96 Resp: 619
Ion Ratio Lower Upper
96 100
61 54.4 108.4 162.6#
98 0.0 49.8 74.8#

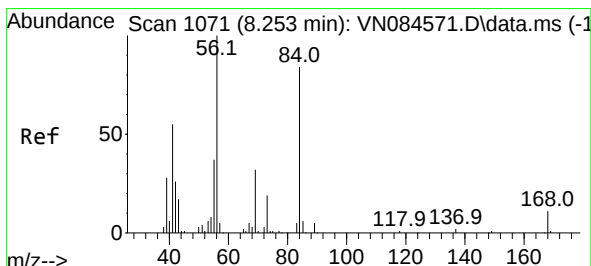
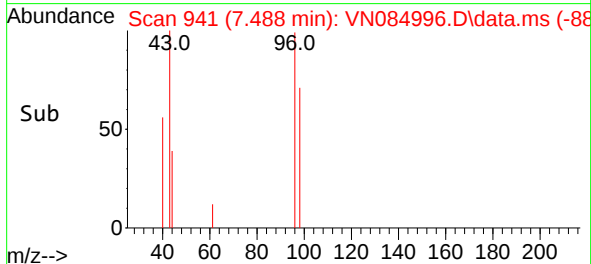
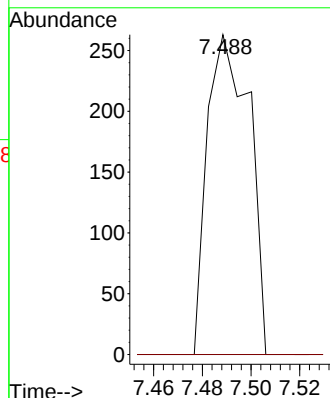
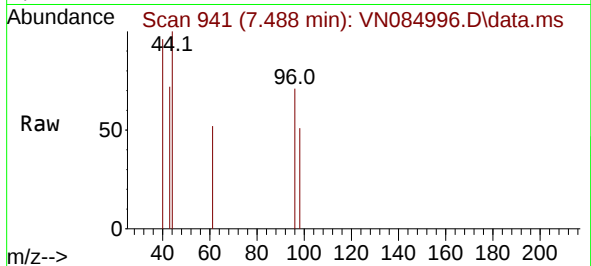




#25
2-Butanone
Concen: 0.300 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

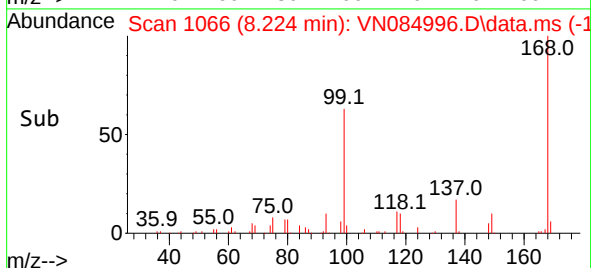
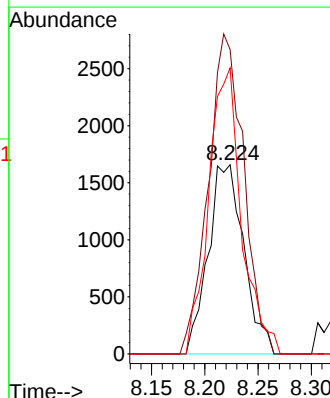
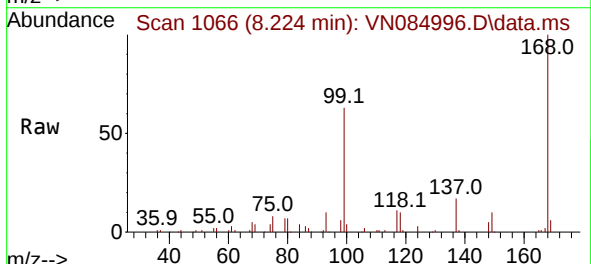
Instrument :
MSVOA_N
ClientSampleId :

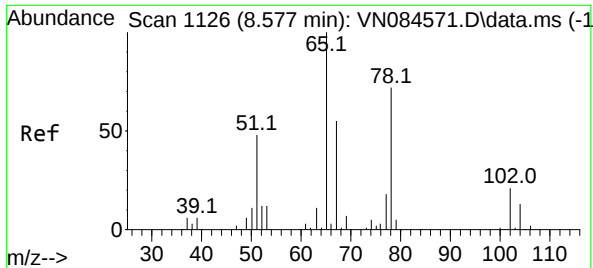
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 56 Resp: 3862
Ion Ratio Lower Upper
56 100
69 160.8 23.8 35.6#
84 151.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 52.641 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

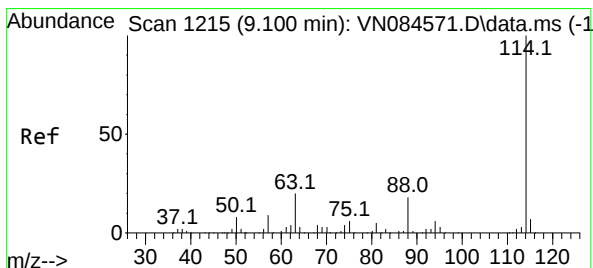
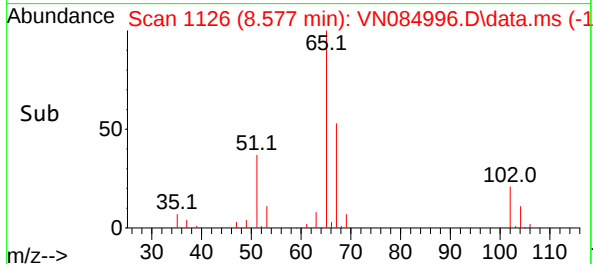
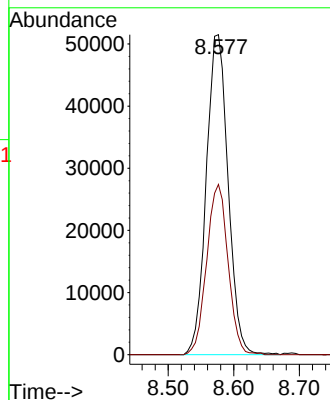
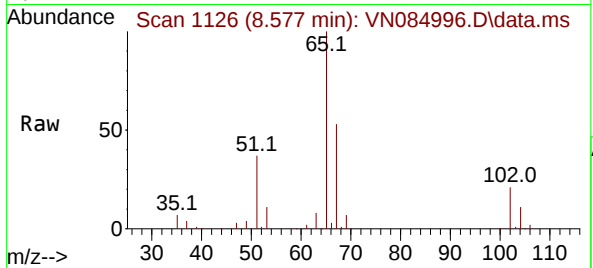
ClientSampleId :

Tgt Ion: 65 Resp: 118972

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# 1215

Delta R.T. 0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

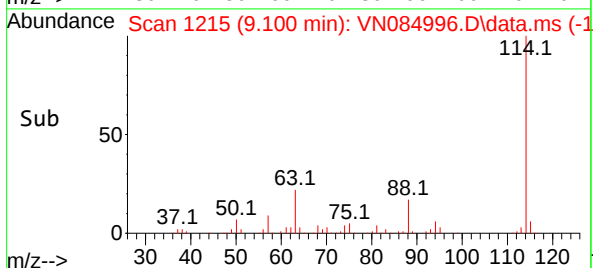
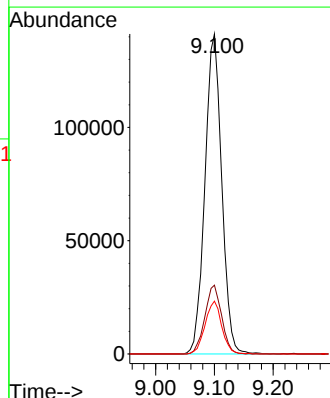
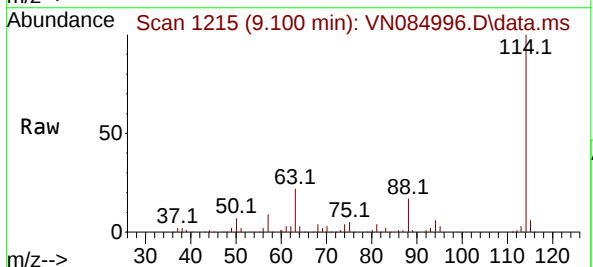
Tgt Ion:114 Resp: 281110

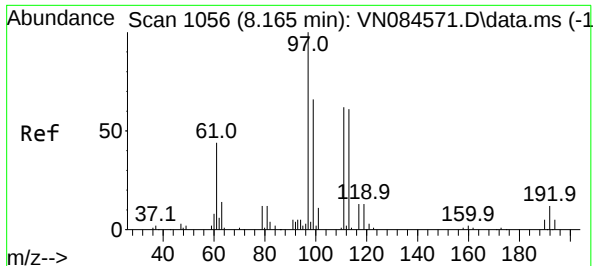
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.941 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

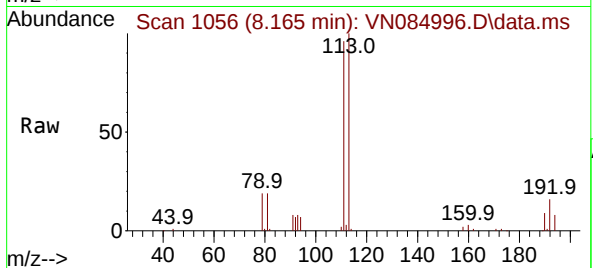
Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :



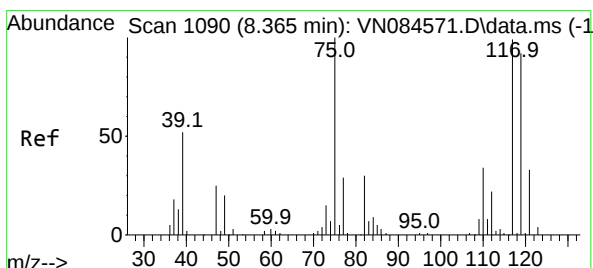
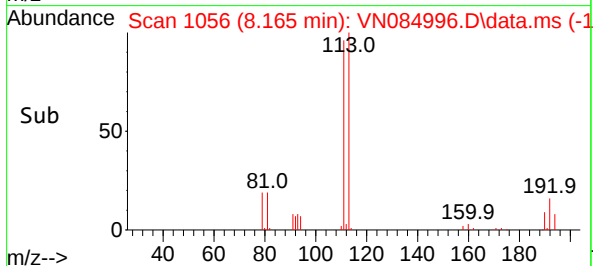
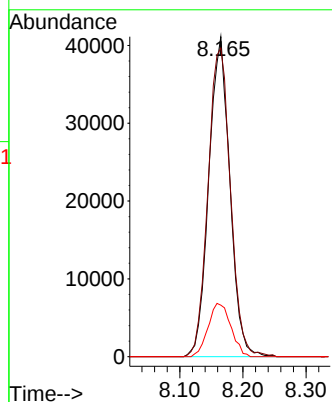
Tgt Ion:113 Resp: 95027

Ion Ratio Lower Upper

113 100

111 103.0 83.3 124.9

192 18.0 13.5 20.3



#36

1,1-Dichloropropene

Concen: 0.279 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

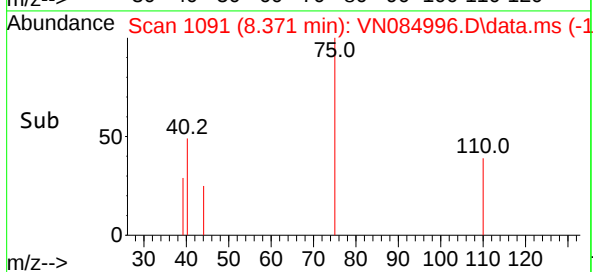
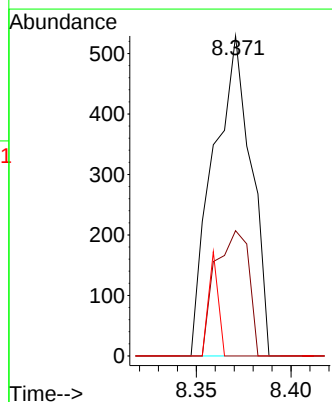
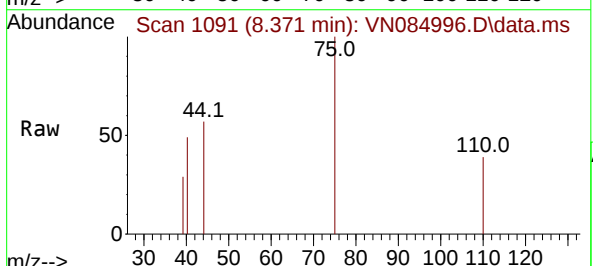
Tgt Ion: 75 Resp: 737

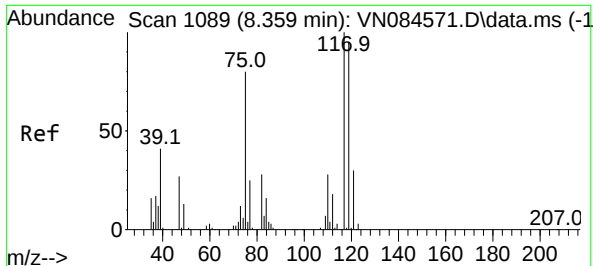
Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.7

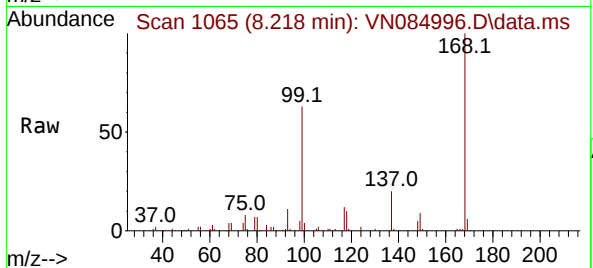
77 8.3 24.7 37.1#



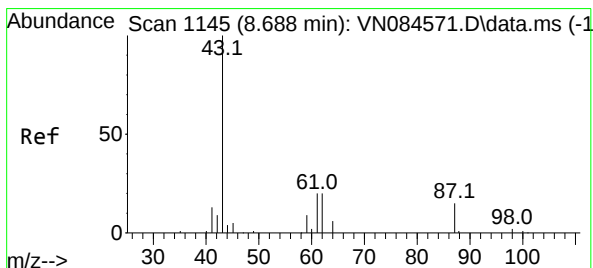
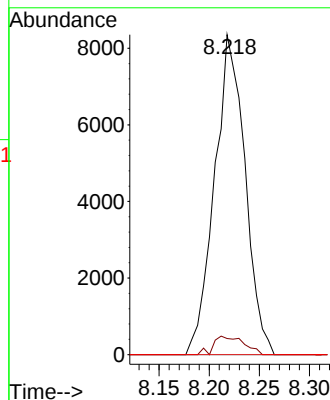
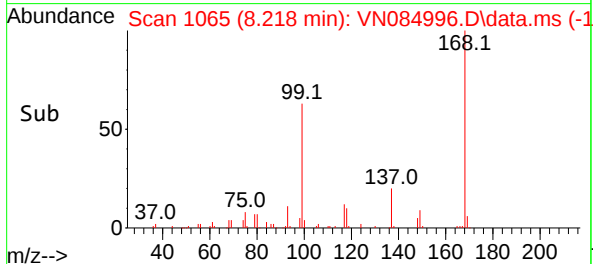


#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 8.218 min Scan# 1156
Delta R.T. -0.141 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

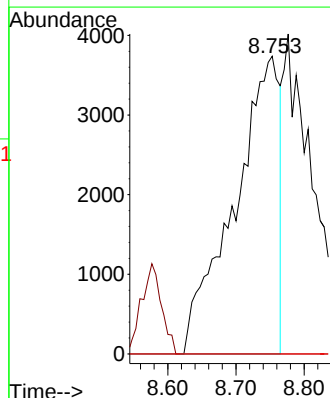
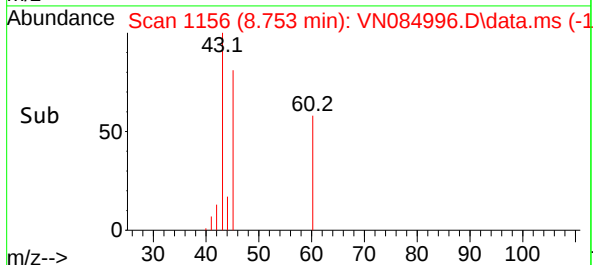
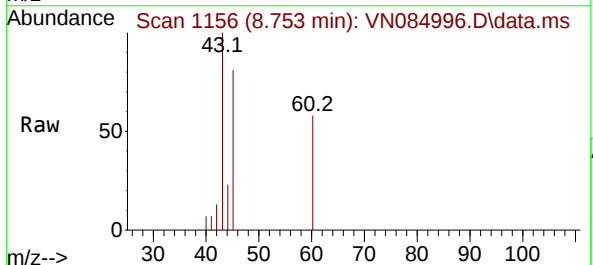


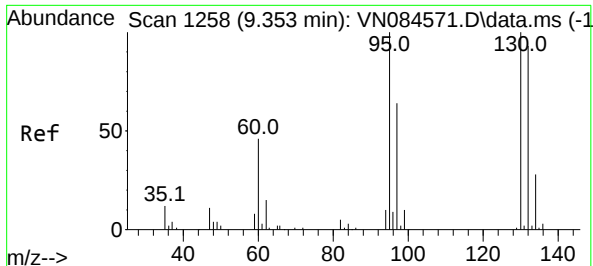
Tgt Ion:117 Resp: 17680
Ion Ratio Lower Upper
117 100
119 5.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.004 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.065 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 43 Resp: 17300
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#44

Trichloroethene

Concen: 0.362 ug/l

RT: 9.341 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

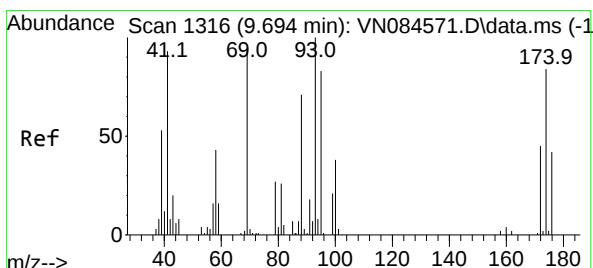
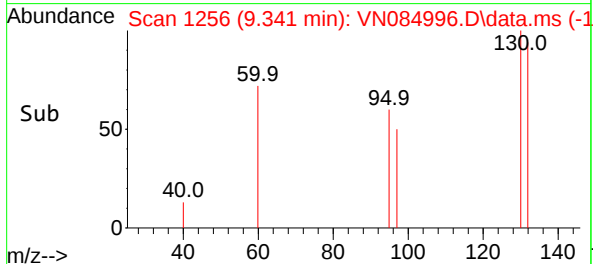
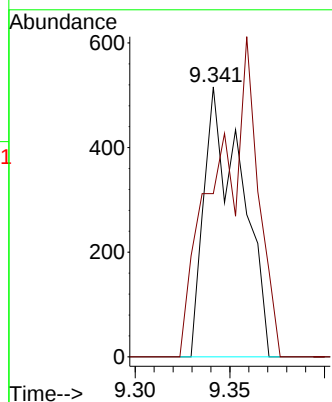
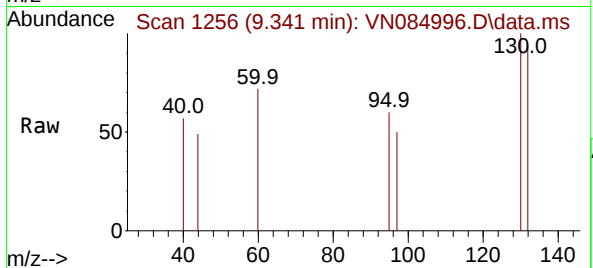
ClientSampleId :

Tgt Ion:130 Resp: 708

Ion Ratio Lower Upper

130 100

95 60.5 0.0 203.0



#49

1,4-Dioxane

Concen: 2.271 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.012 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

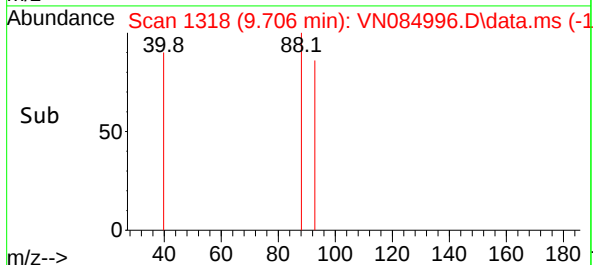
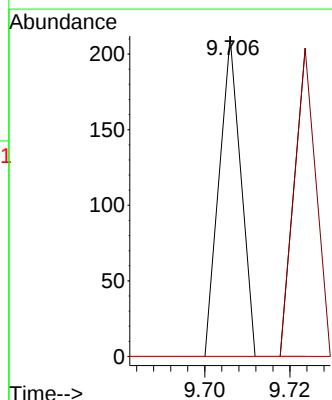
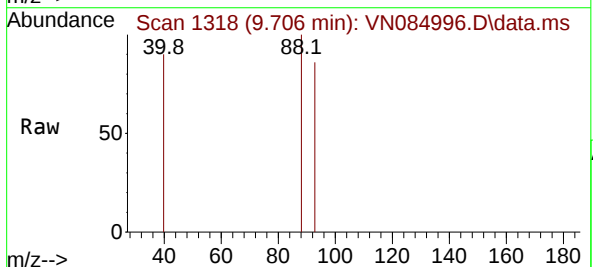
Tgt Ion: 88 Resp: 75

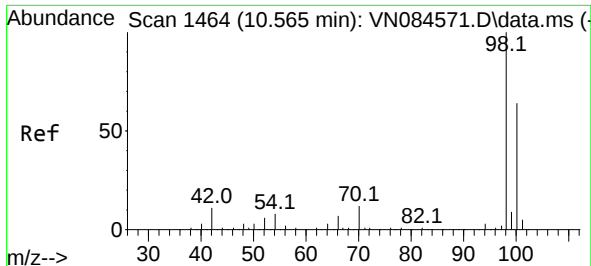
Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 0.0 56.4 84.6#

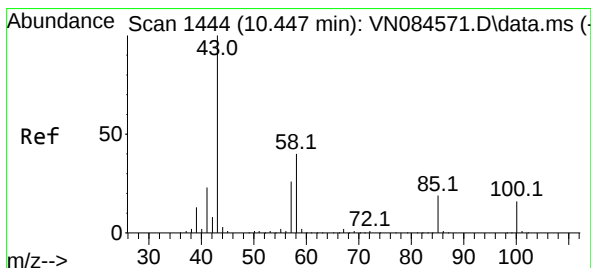
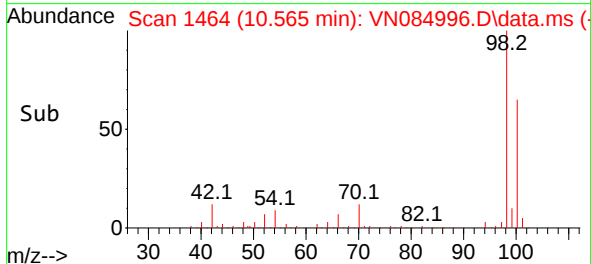
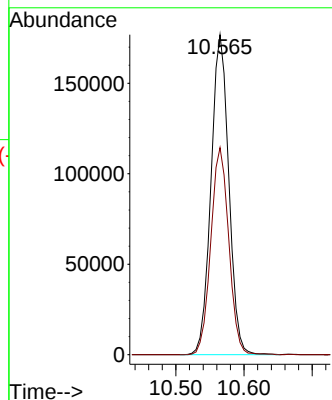
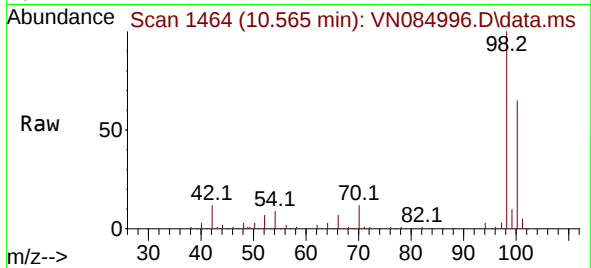




#50
Toluene-d8
Concen: 45.802 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

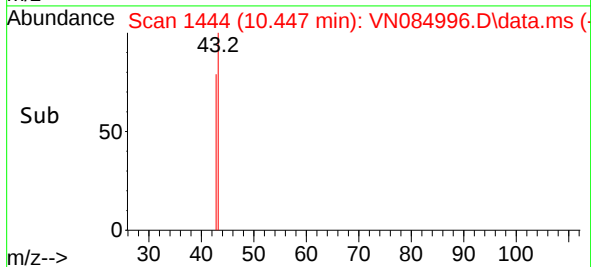
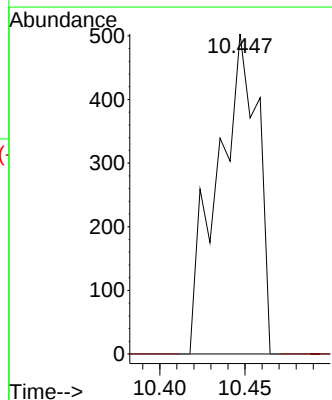
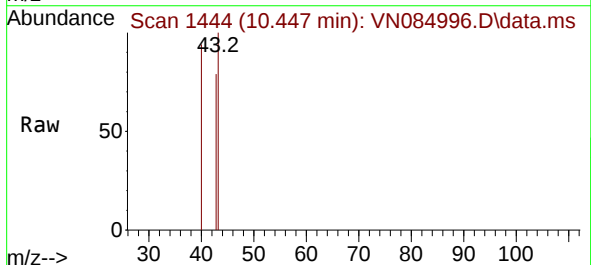
Instrument :
MSVOA_N
ClientSampleId :

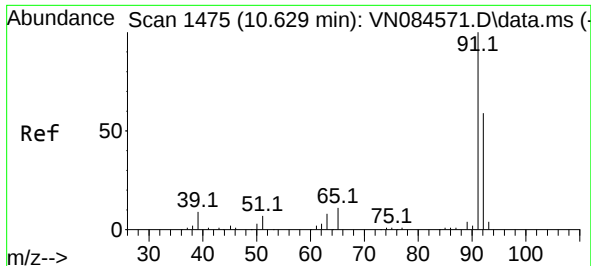
Tgt Ion: 98 Resp: 321033
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.364 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

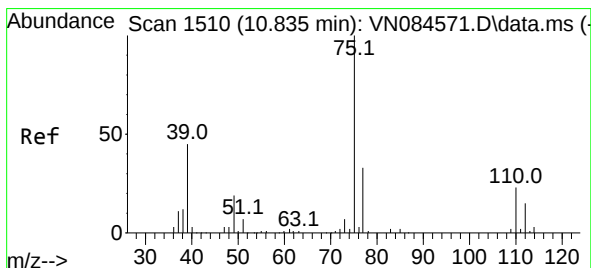
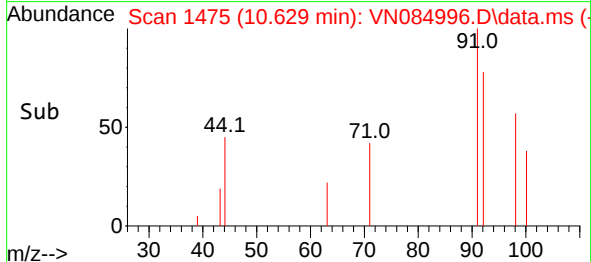
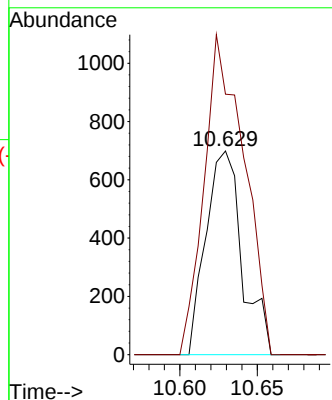
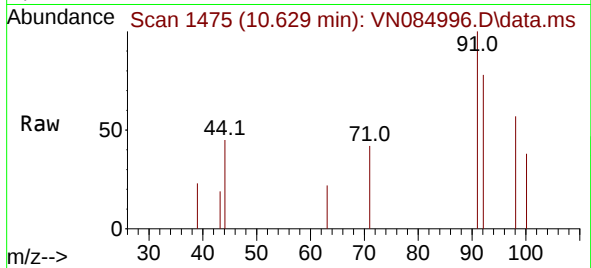




#52
Toluene
Concen: 0.229 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

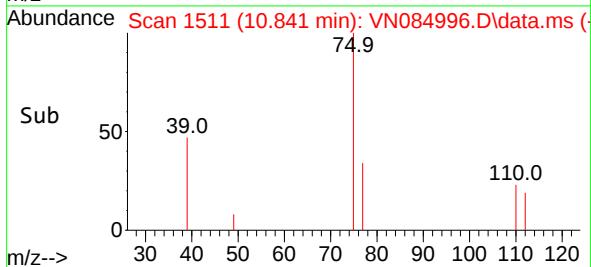
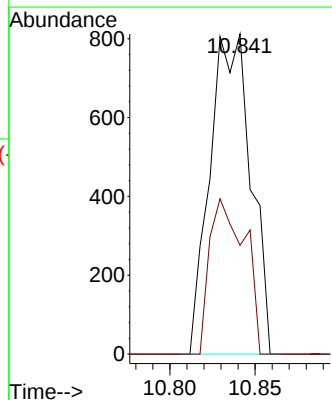
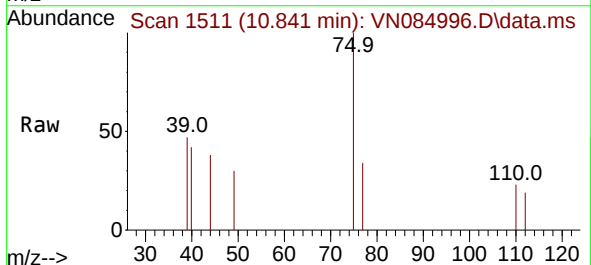
Instrument :
MSVOA_N
ClientSampleId :

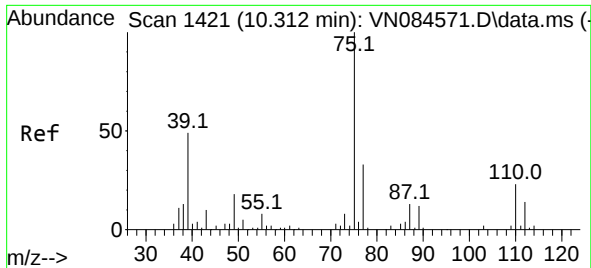
Tgt Ion: 92 Resp: 1134
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.443 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 75 Resp: 1356
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0

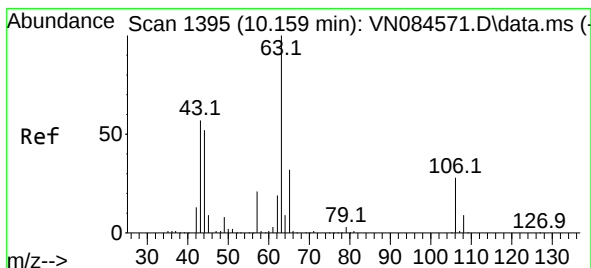
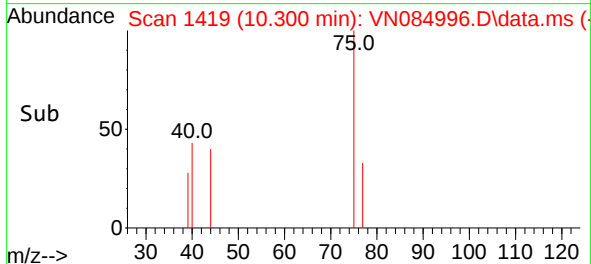
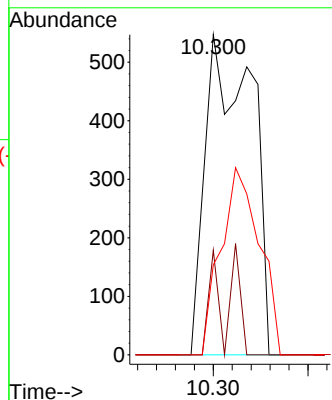
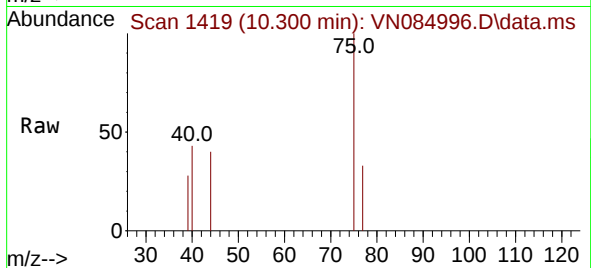




#54
 cis-1,3-Dichloropropene
 Concen: 0.286 ug/l
 RT: 10.300 min Scan# 1421
 Delta R.T. -0.012 min
 Lab File: VN084996.D
 Acq: 21 Nov 2024 15:57

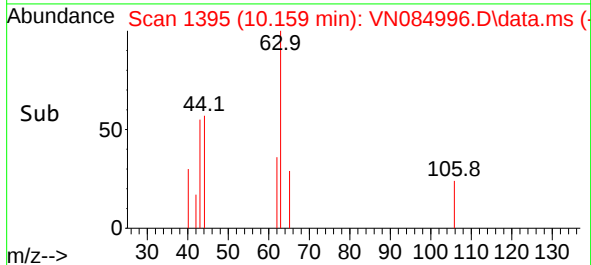
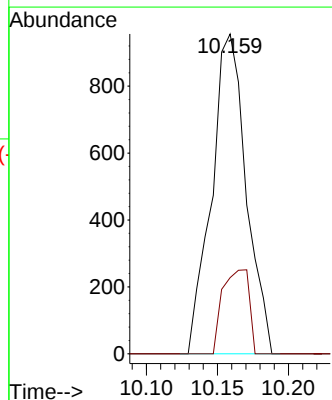
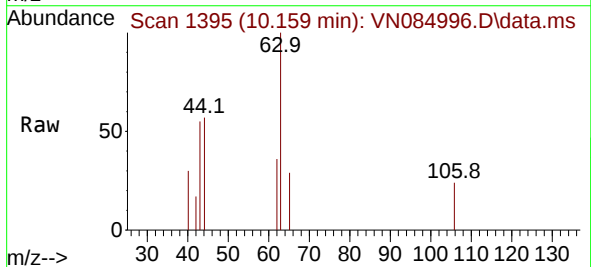
Instrument :
 MSVOA_N
 ClientSampleId :

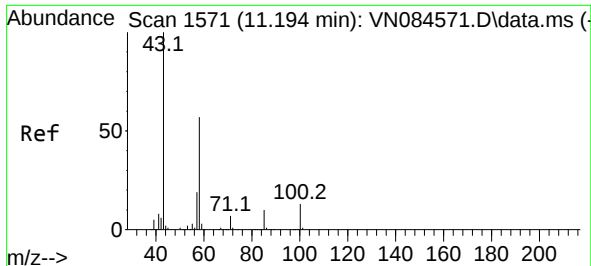
Tgt Ion: 75 Resp: 925
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.2
 39 28.2 38.7 58.1#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.280 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. -0.000 min
 Lab File: VN084996.D
 Acq: 21 Nov 2024 15:57

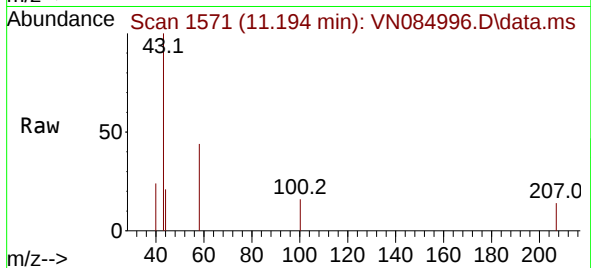
Tgt Ion: 63 Resp: 1617
 Ion Ratio Lower Upper
 63 100
 106 20.1 21.8 32.6#



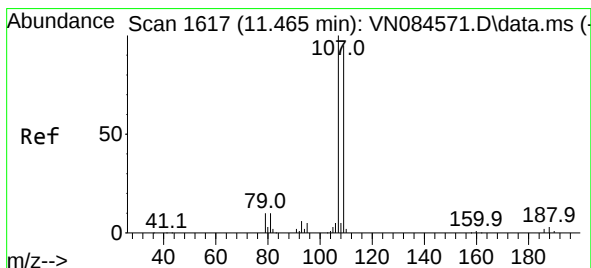
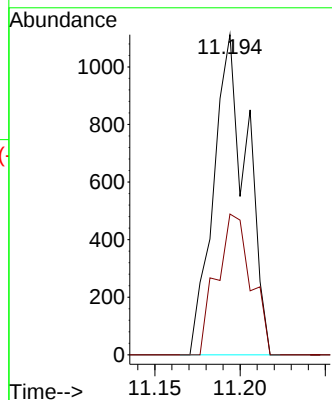
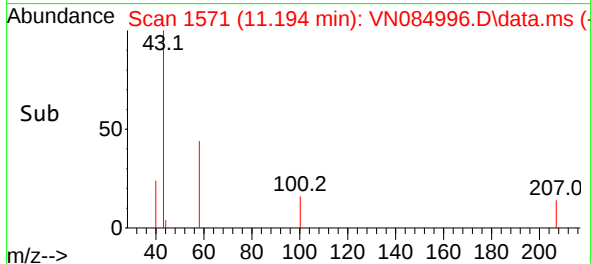


#59
2-Hexanone
Concen: 0.916 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

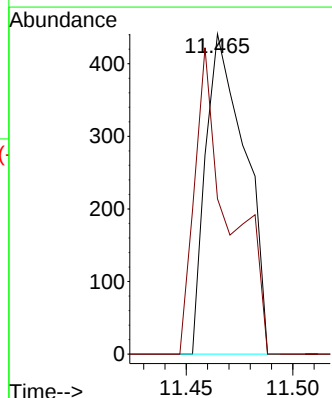
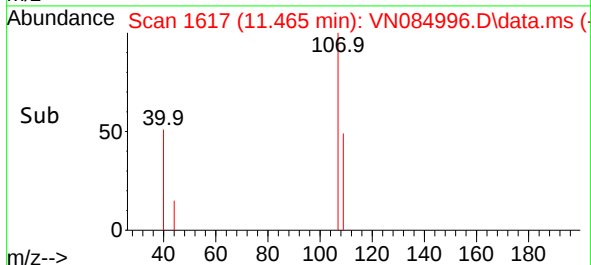
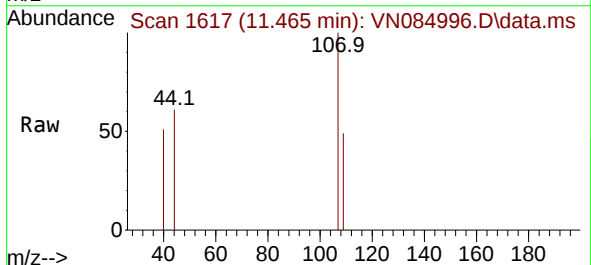


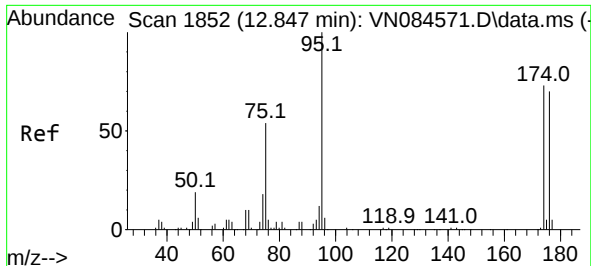
Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
58 45.0 27.3 81.8



#61
1,2-Dibromoethane
Concen: 0.297 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 107 Resp: 568
Ion Ratio Lower Upper
107 100
109 85.0 75.4 113.0

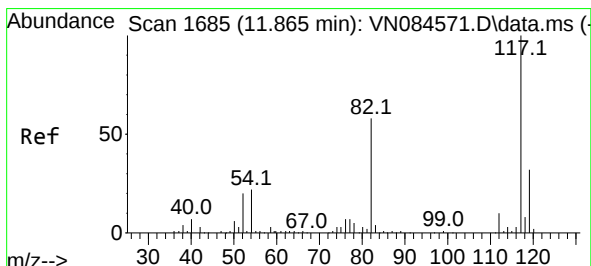
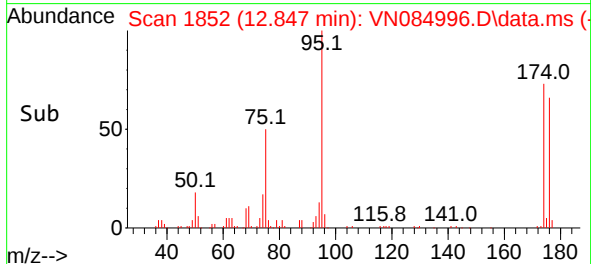
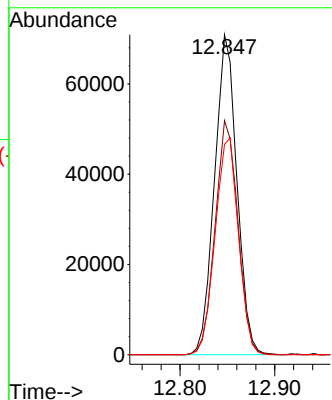
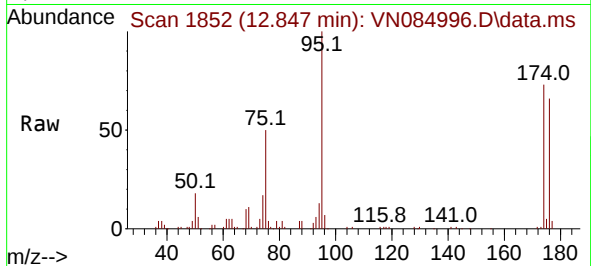




#62
4-Bromofluorobenzene
Concen: 44.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

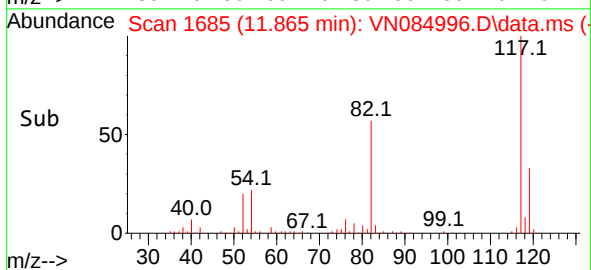
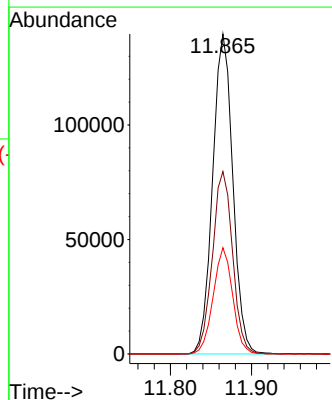
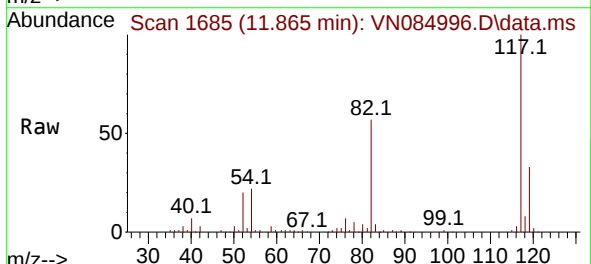
Instrument :
MSVOA_N
ClientSampleId :

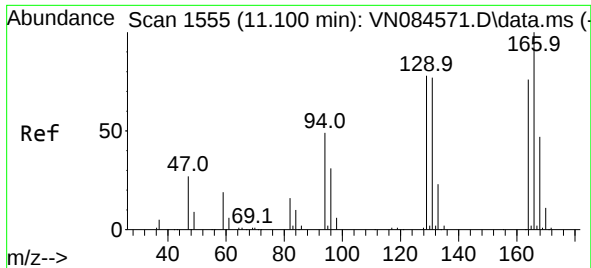
Tgt Ion: 95 Resp: 116569
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.2
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

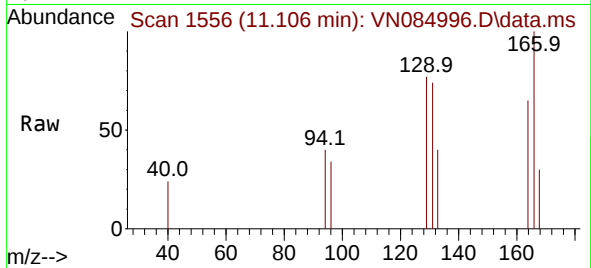
Tgt Ion: 117 Resp: 241543
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 33.2 25.4 38.0



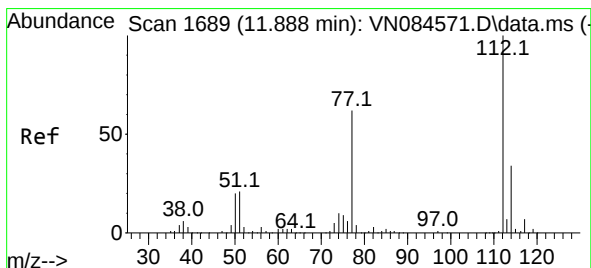
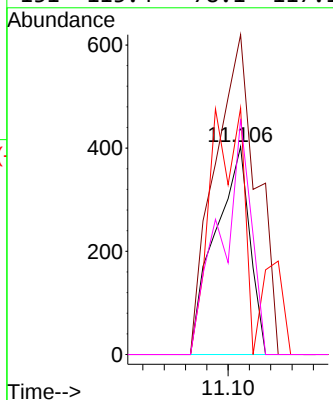


#64
Tetrachloroethene
Concen: 0.282 ug/l
RT: 11.106 min Scan# 11106
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

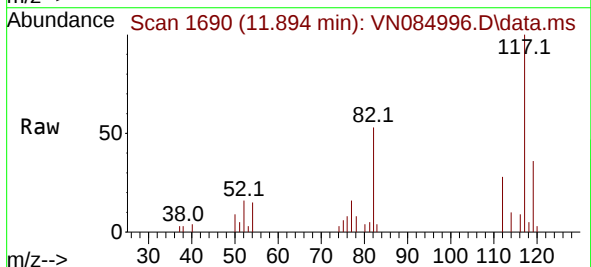
Instrument :
MSVOA_N
ClientSampleId :



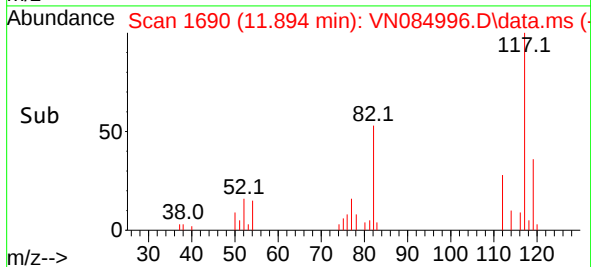
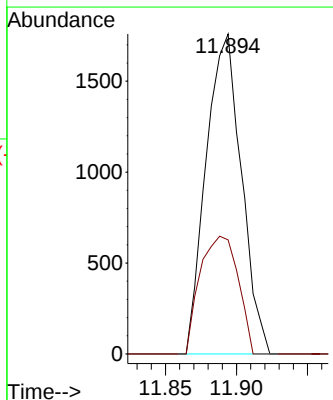
Tgt Ion:164 Resp: 453
Ion Ratio Lower Upper
164 100
166 153.8 101.0 151.4#
129 118.6 80.8 121.2
131 113.4 78.1 117.1

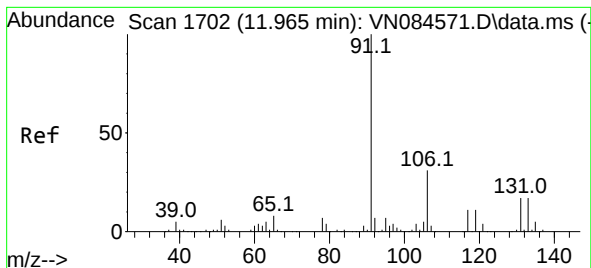


#65
Chlorobenzene
Concen: 0.562 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57



Tgt Ion:112 Resp: 3038
Ion Ratio Lower Upper
112 100
114 35.6 27.0 40.6





#67

Ethyl Benzene

Concen: 0.333 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

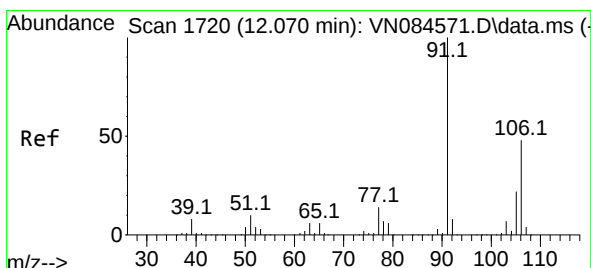
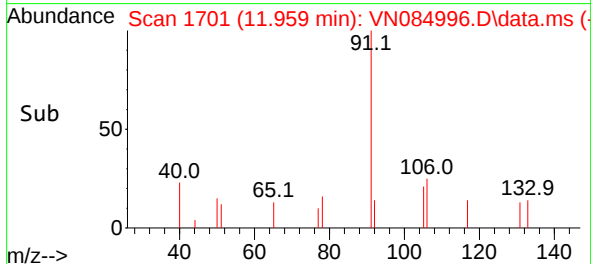
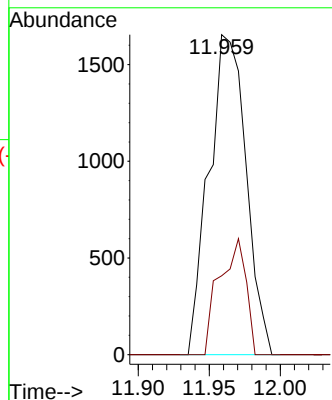
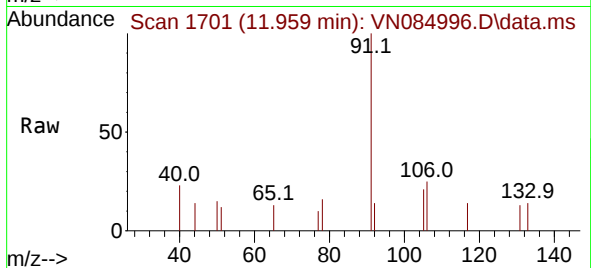
ClientSampleId :

Tgt Ion: 91 Resp: 3008

Ion Ratio Lower Upper

91 100

106 24.7 24.5 36.7



#68

m/p-Xylenes

Concen: 0.655 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084996.D

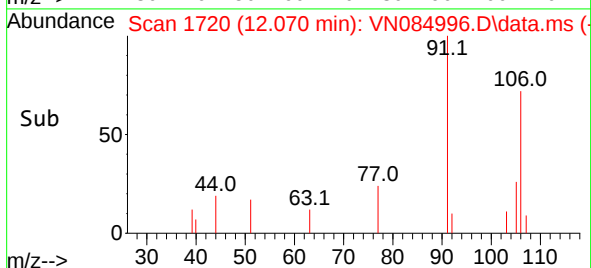
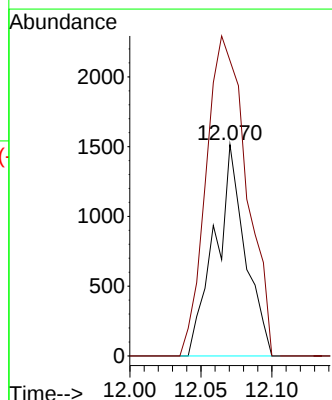
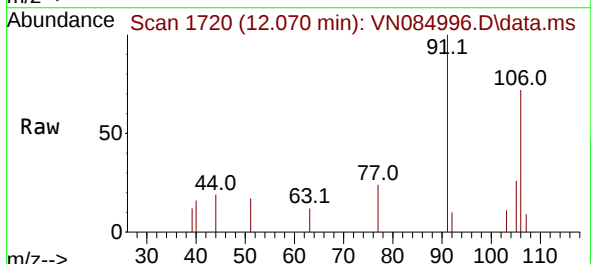
Acq: 21 Nov 2024 15:57

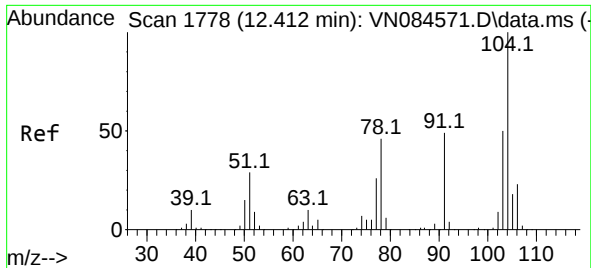
Tgt Ion: 106 Resp: 2238

Ion Ratio Lower Upper

106 100

91 203.6 167.1 250.7

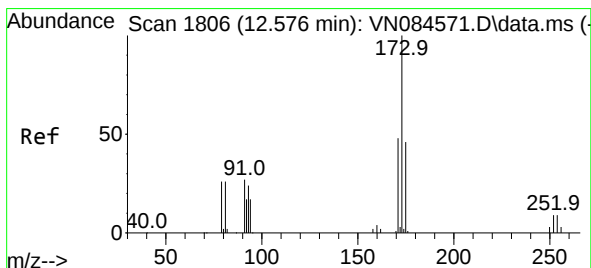
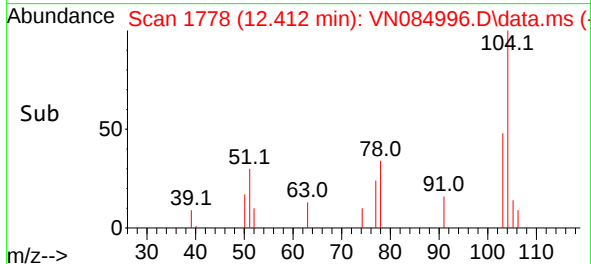
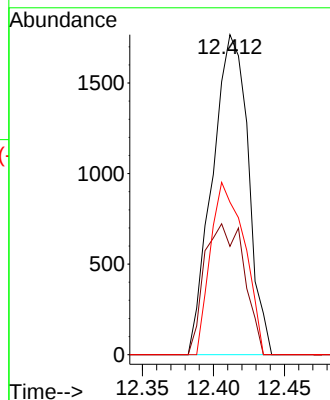
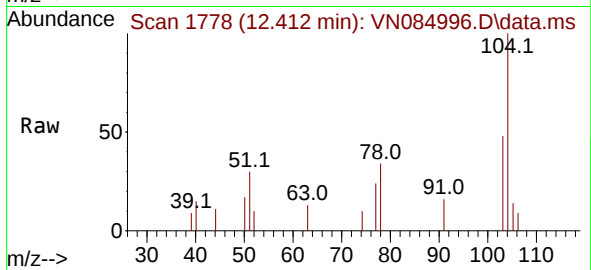




#70
Styrene
Concen: 0.558 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

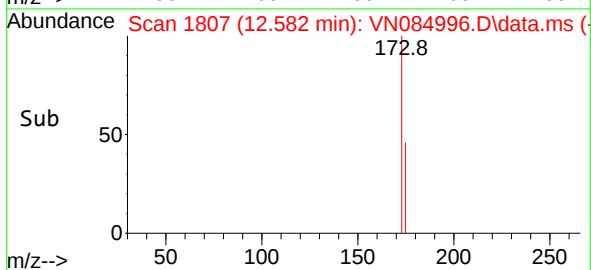
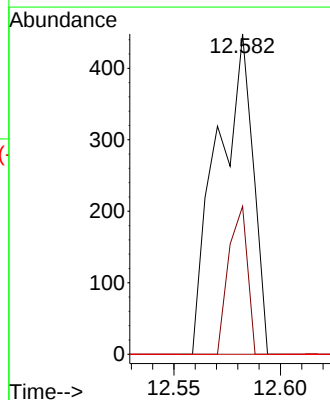
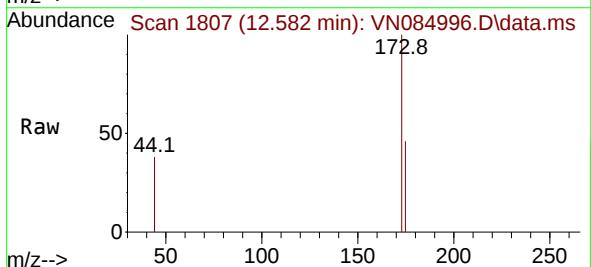
Instrument :
MSVOA_N
ClientSampleId :

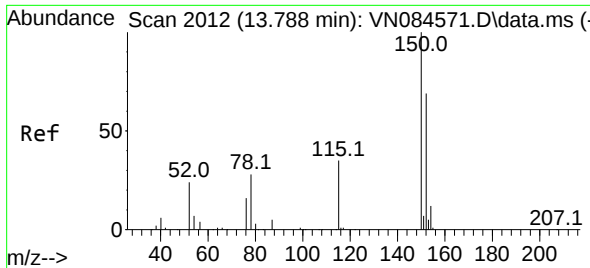
Tgt Ion:104 Resp: 3107
Ion Ratio Lower Upper
104 100
78 45.1 42.7 64.1
103 50.8 43.6 65.4



#71
Bromoform
Concen: 0.371 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion:173 Resp: 525
Ion Ratio Lower Upper
173 100
175 24.2 23.5 70.6
254 0.0 0.0 0.0

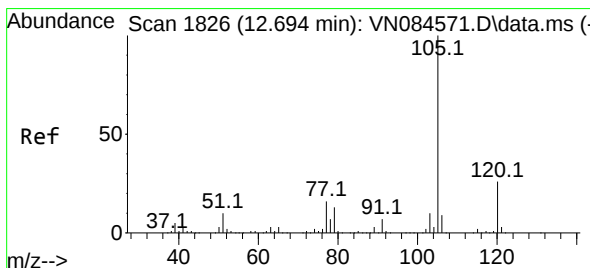
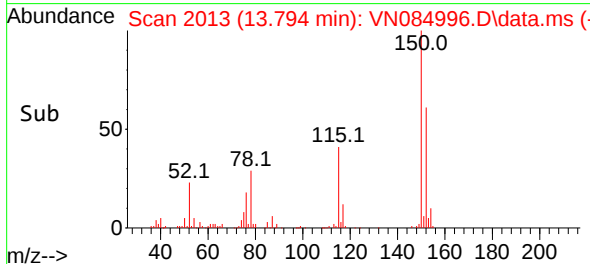
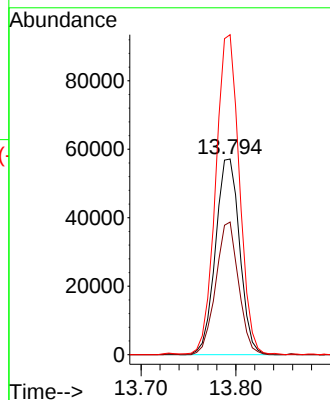
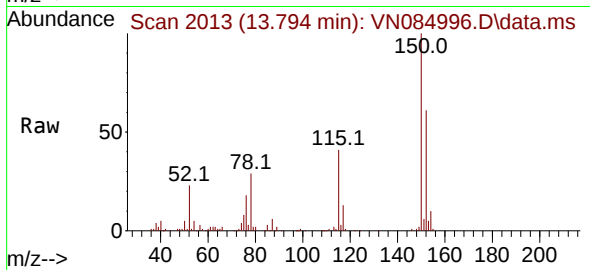




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

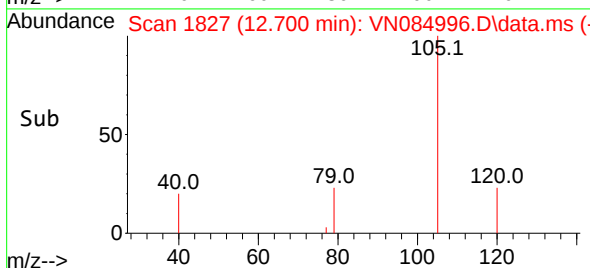
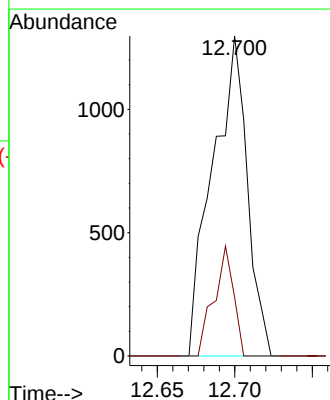
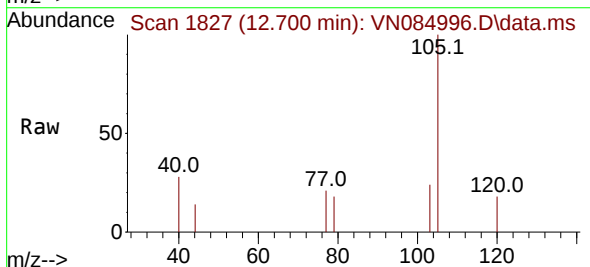
Instrument :
MSVOA_N
ClientSampleId :

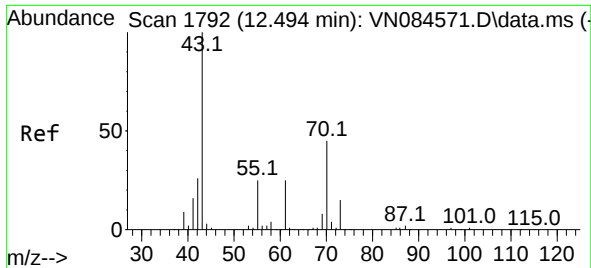
Tgt Ion:152 Resp: 101289
Ion Ratio Lower Upper
152 100
115 63.9 31.3 93.9
150 160.2 0.0 349.8



#73
Isopropylbenzene
Concen: 0.284 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion:105 Resp: 2015
Ion Ratio Lower Upper
105 100
120 19.4 12.9 38.7

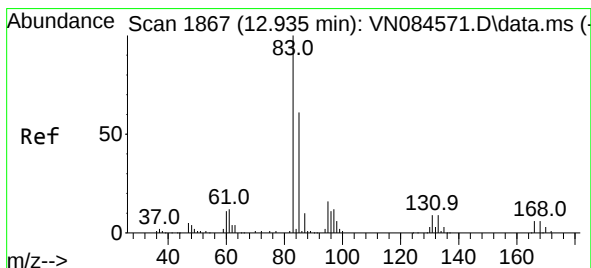
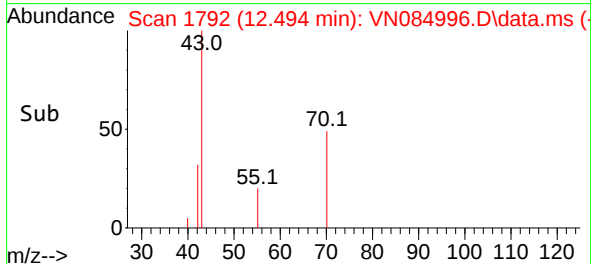
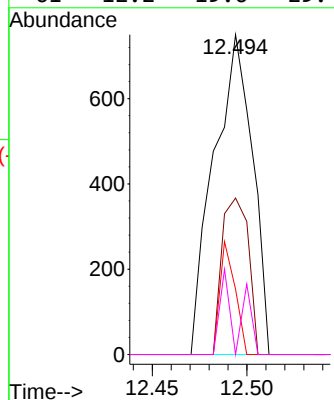
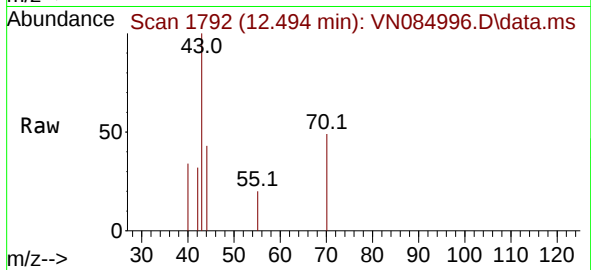




#74
N-amy1 acetate
Concen: 0.351 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

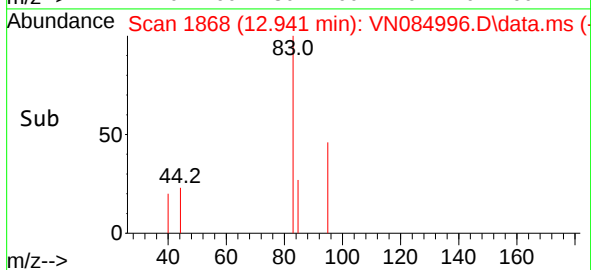
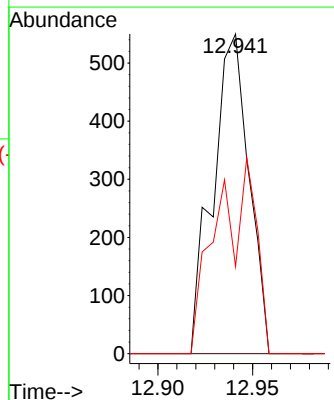
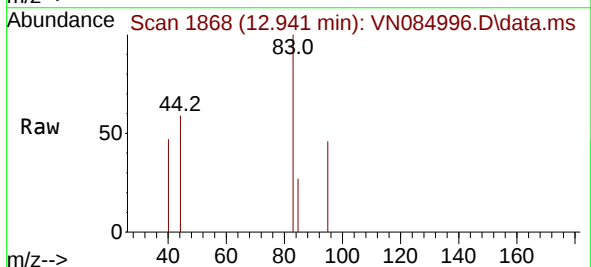
Instrument :
MSVOA_N
ClientSampleId :

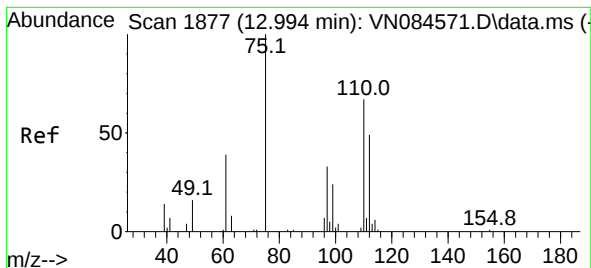
Tgt Ion: 43	Resp:	1061
Ion	Ratio	Lower Upper
43	100	
70	33.6	34.4 51.6#
55	13.9	19.6 29.4#
61	12.2	19.6 29.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.309 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 83	Resp:	731
Ion	Ratio	Lower Upper
83	100	
131	0.0	4.9 14.7#
85	65.8	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 29.886 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

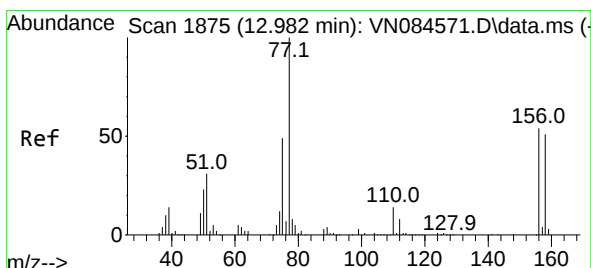
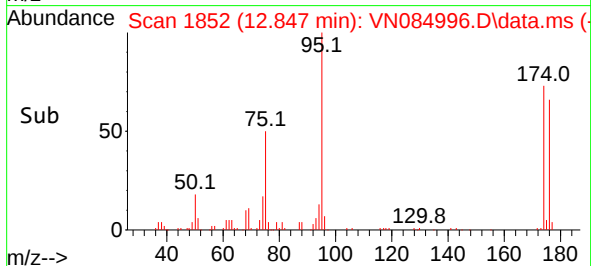
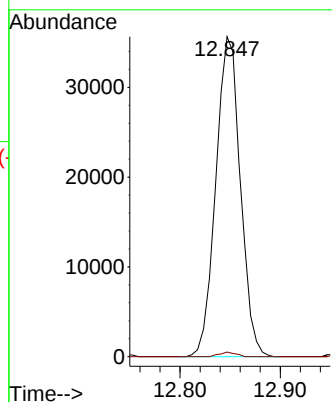
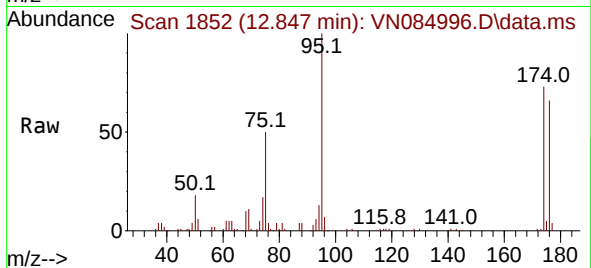
ClientSampleId :

Tgt Ion: 75 Resp: 60511

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#77

Bromobenzene

Concen: 0.974 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

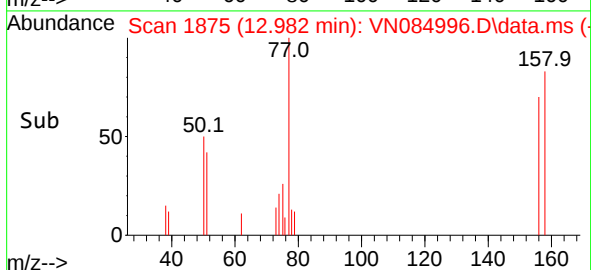
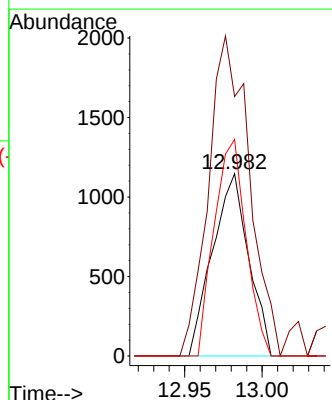
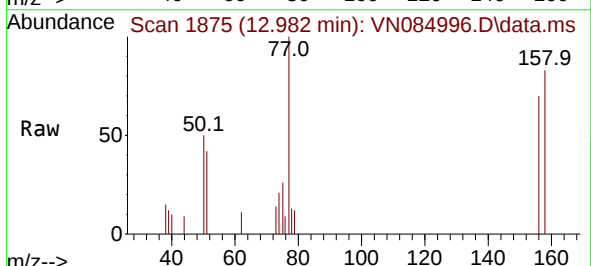
Tgt Ion: 156 Resp: 1859

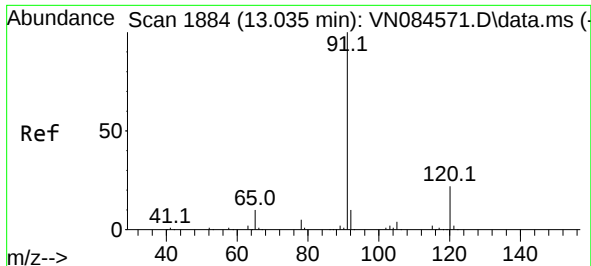
Ion Ratio Lower Upper

156 100

77 198.4 115.1 345.3

158 104.5 48.9 146.8

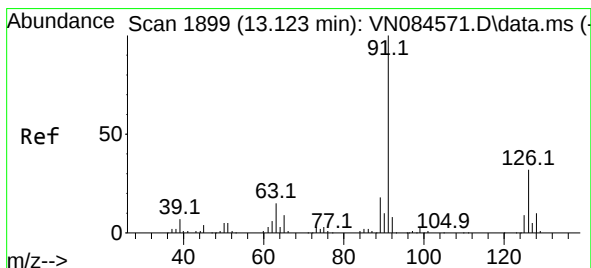
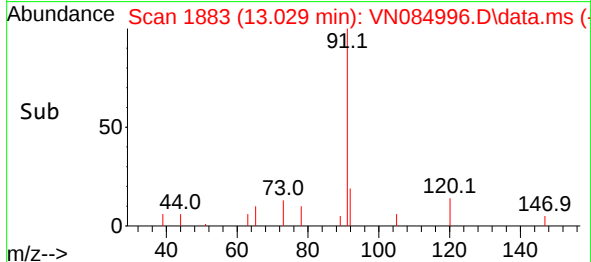
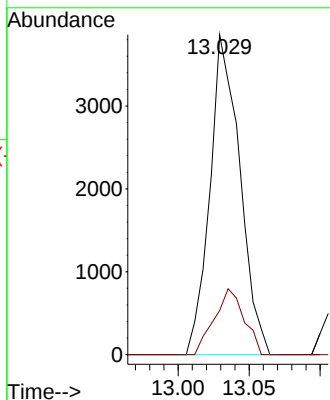
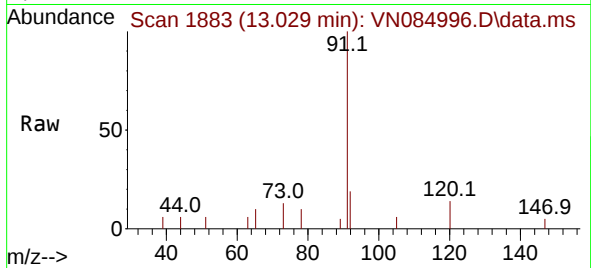




#78
n-propylbenzene
Concen: 0.681 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

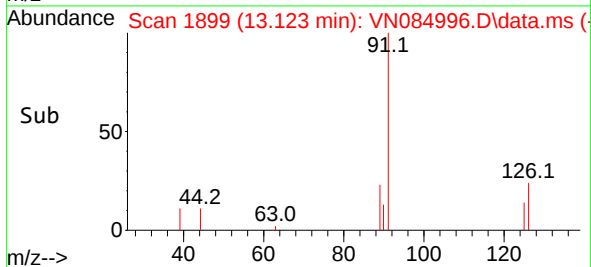
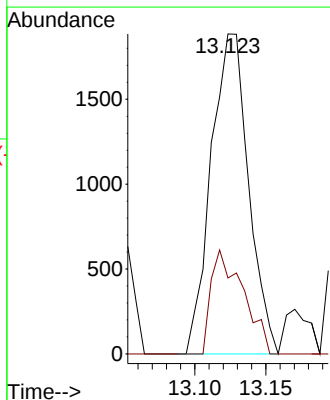
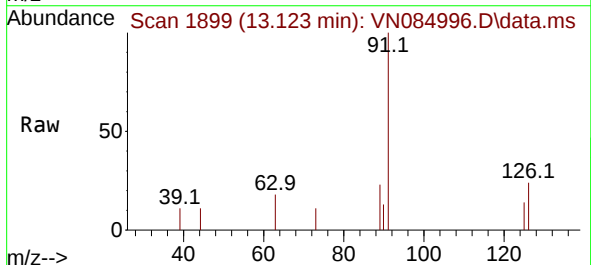
Instrument :
MSVOA_N
ClientSampleId :

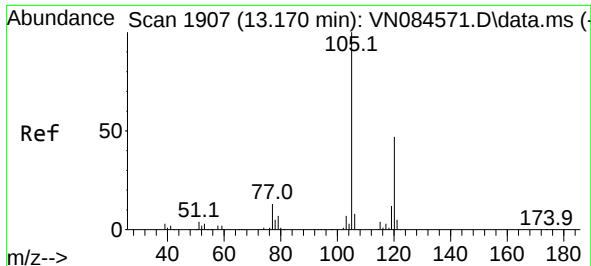
Tgt Ion: 91 Resp: 5662
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.637 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 91 Resp: 3463
Ion Ratio Lower Upper
91 100
126 27.8 15.7 47.1

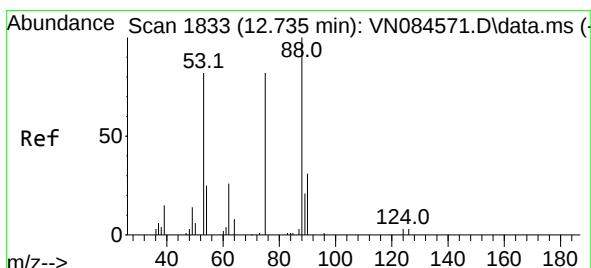
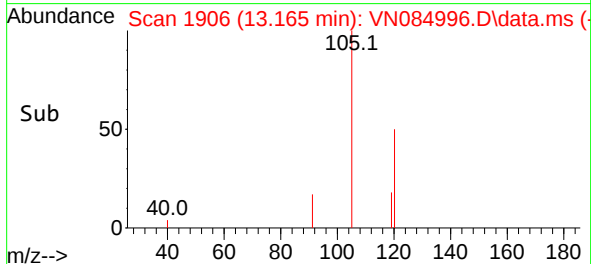
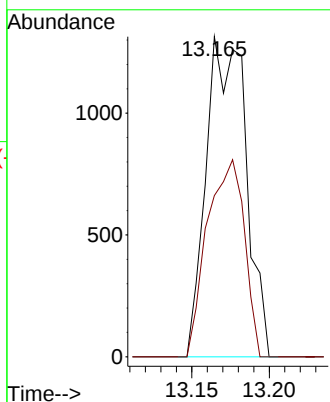
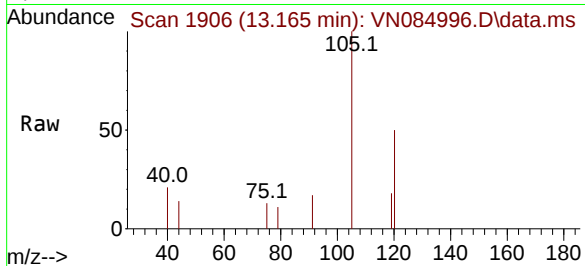




#80
1,3,5-Trimethylbenzene
Concen: 0.399 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

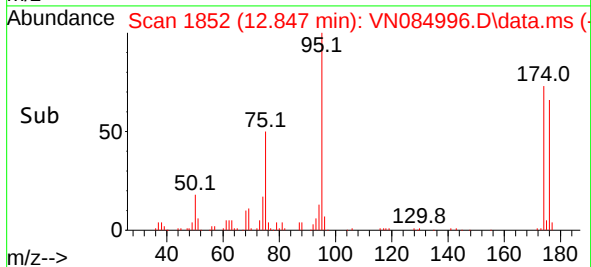
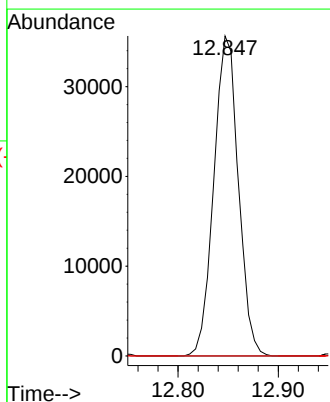
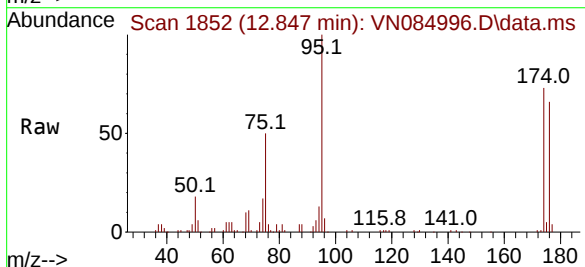
Instrument :
MSVOA_N
ClientSampleId :

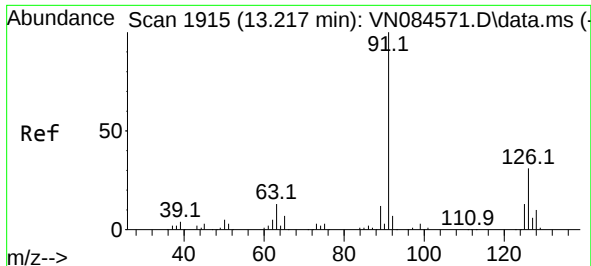
Tgt Ion:105 Resp: 2348
Ion Ratio Lower Upper
105 100
120 57.2 23.7 71.1



#81
trans-1,4-Dichloro-2-butene
Concen: 70.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 75 Resp: 60511
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

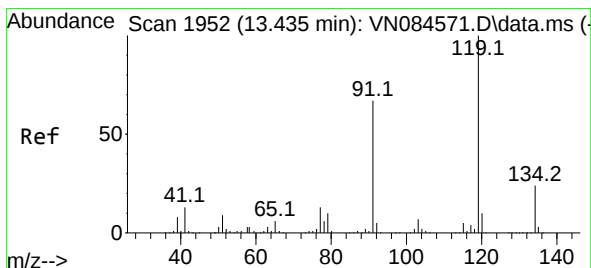
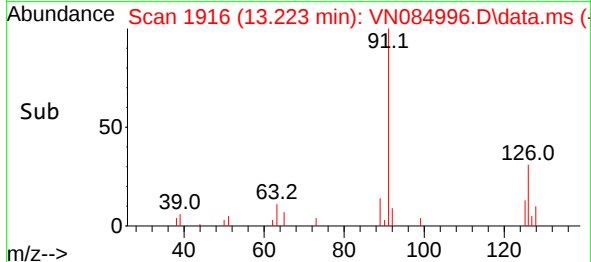
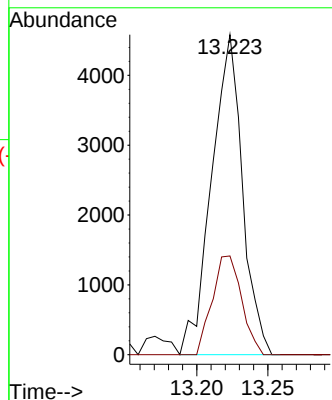
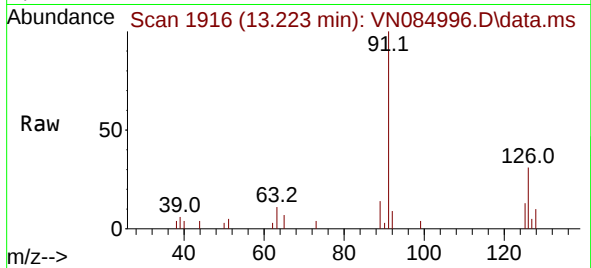




#82
4-Chlorotoluene
Concen: 1.210 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

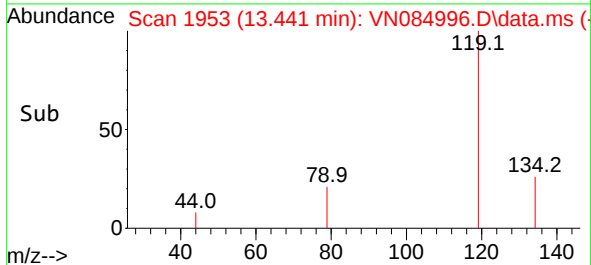
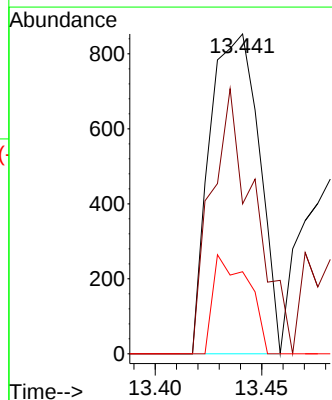
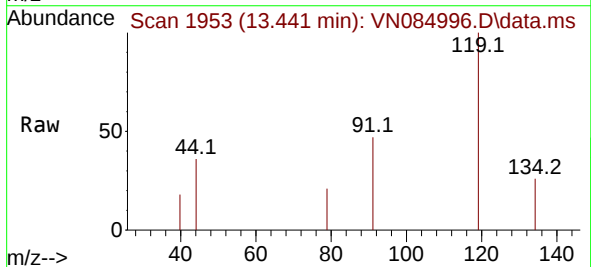
Instrument :
MSVOA_N
ClientSampleId :

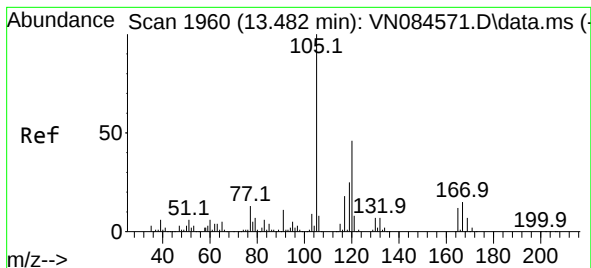
Tgt Ion: 91 Resp: 6918
Ion Ratio Lower Upper
91 100
126 29.4 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.283 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 119 Resp: 1378
Ion Ratio Lower Upper
119 100
91 72.3 34.1 102.3
134 22.0 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.461 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

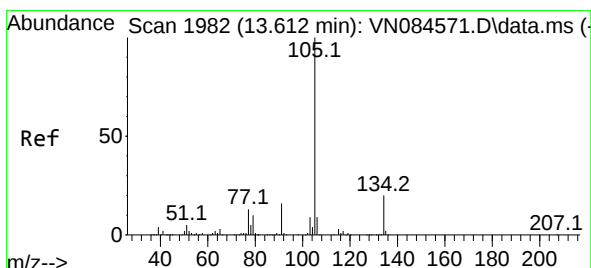
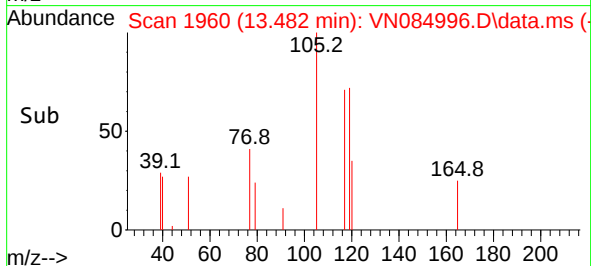
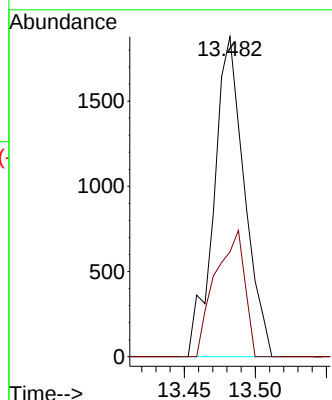
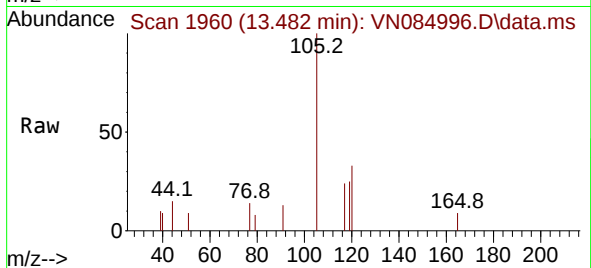
ClientSampleId :

Tgt Ion:105 Resp: 2798

Ion Ratio Lower Upper

105 100

120 38.0 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.502 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN084996.D

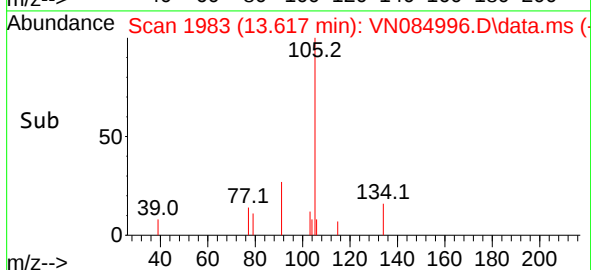
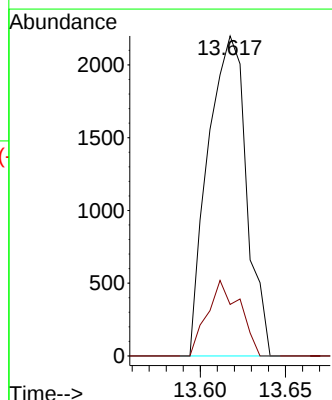
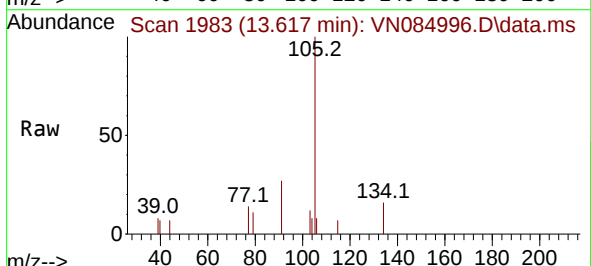
Acq: 21 Nov 2024 15:57

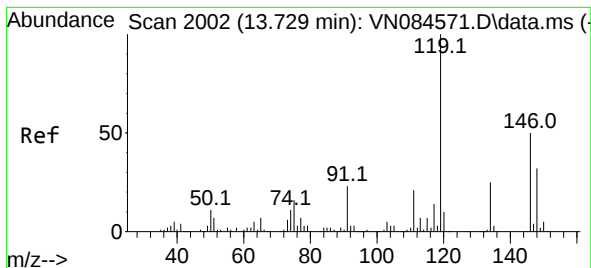
Tgt Ion:105 Resp: 3455

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.523 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

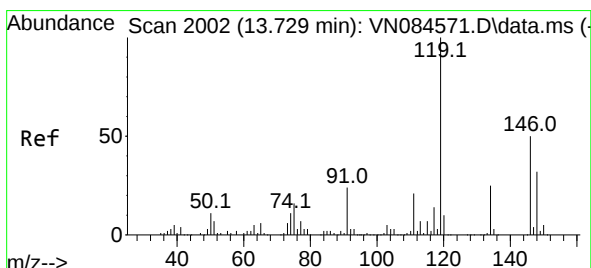
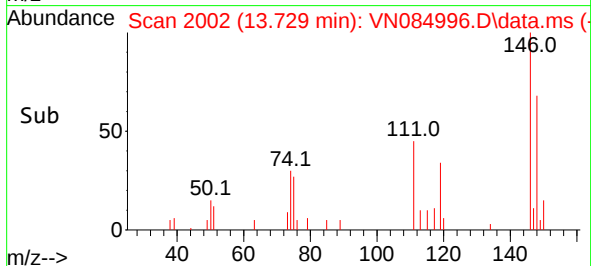
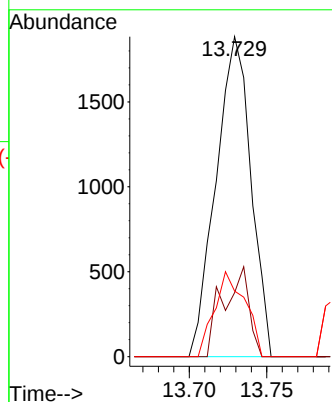
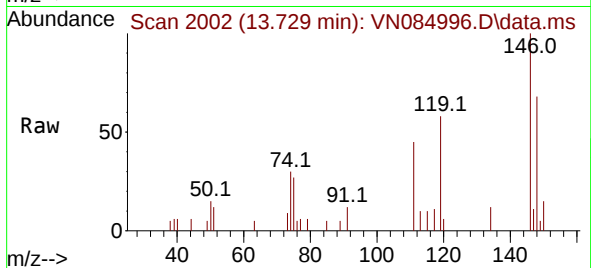
Tgt Ion:119 Resp: 2951

Ion Ratio Lower Upper

119 100

134 20.8 12.6 37.8

91 23.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 1.455 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

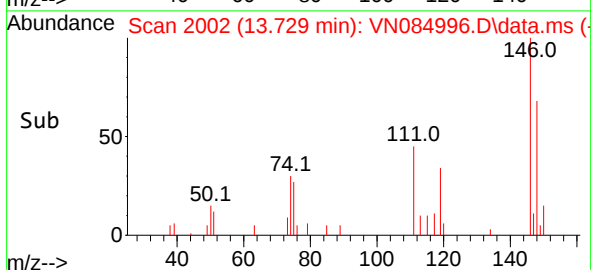
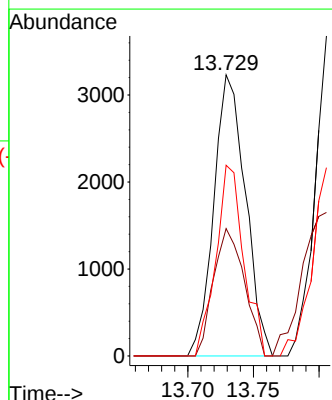
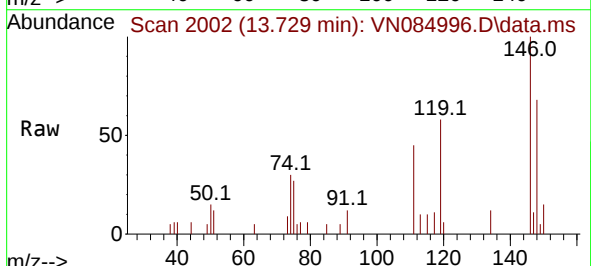
Tgt Ion:146 Resp: 5417

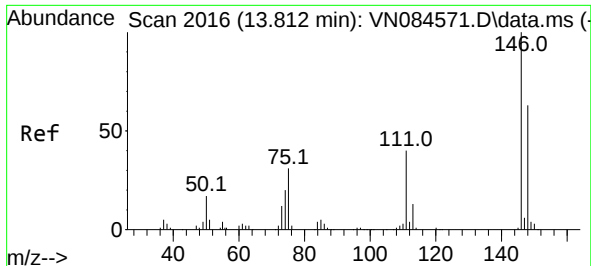
Ion Ratio Lower Upper

146 100

111 44.4 21.8 65.3

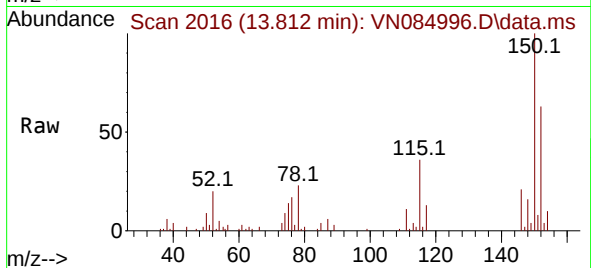
148 59.7 31.9 95.7



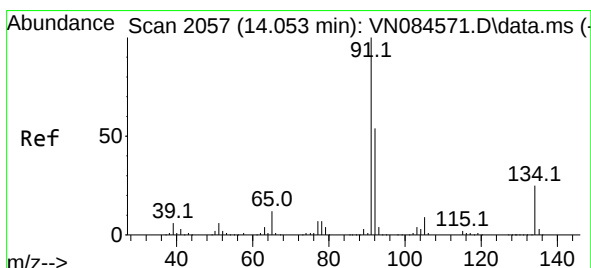
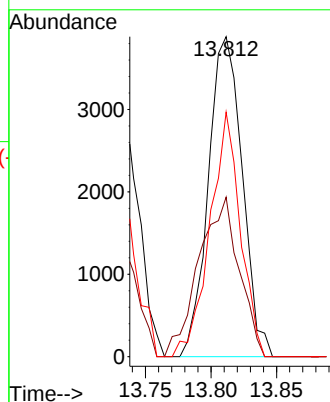
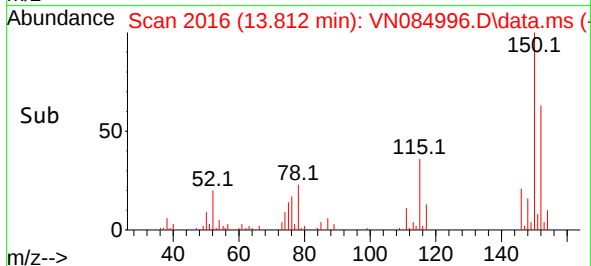


#88
1,4-Dichlorobenzene
Concen: 1.205 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

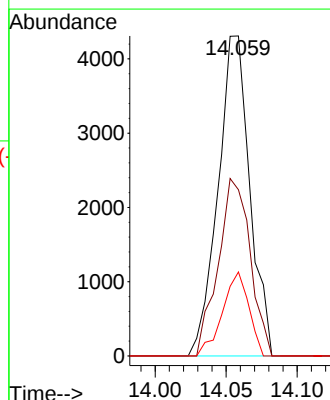
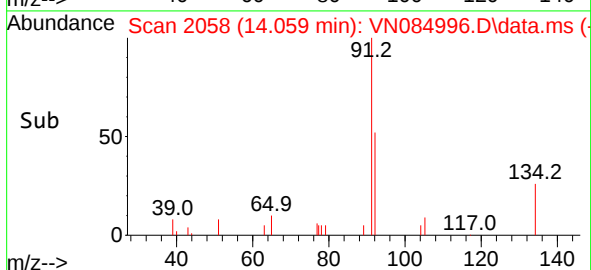
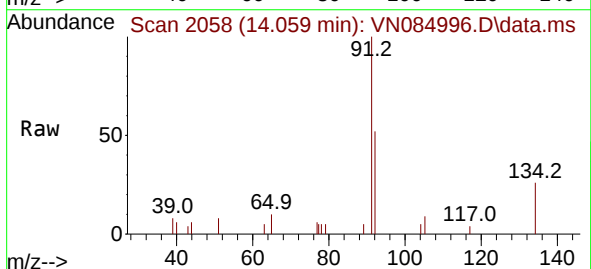


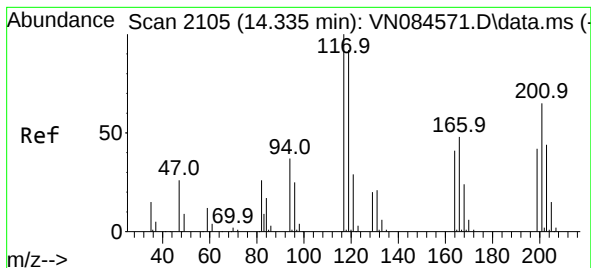
Tgt Ion:146 Resp: 6995
Ion Ratio Lower Upper
146 100
111 59.2 21.2 63.6
148 68.4 31.9 95.9



#89
n-Butylbenzene
Concen: 1.271 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Tgt Ion: 91 Resp: 6706
Ion Ratio Lower Upper
91 100
92 55.9 26.6 79.7
134 21.7 12.3 36.9





#90

Hexachloroethane

Concen: 0.315 ug/l

RT: 14.329 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

Instrument :

MSVOA_N

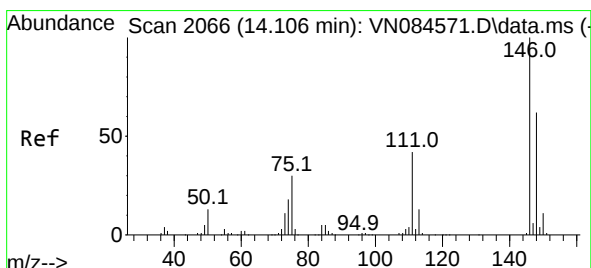
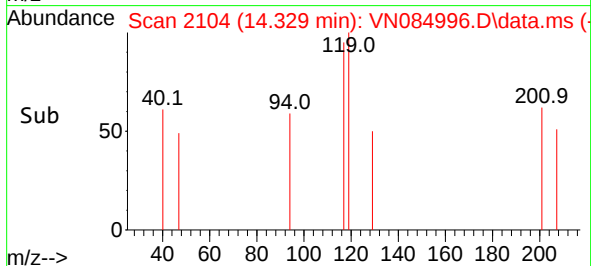
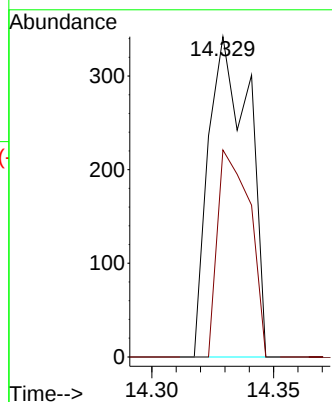
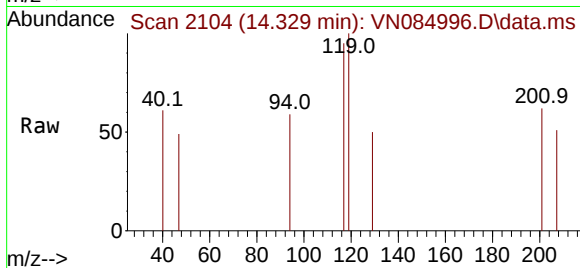
ClientSampleId :

Tgt Ion:117 Resp: 396

Ion Ratio Lower Upper

117 100

201 51.5 34.4 103.2



#91

1,2-Dichlorobenzene

Concen: 1.192 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084996.D

Acq: 21 Nov 2024 15:57

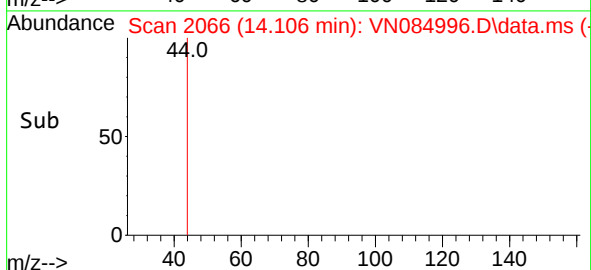
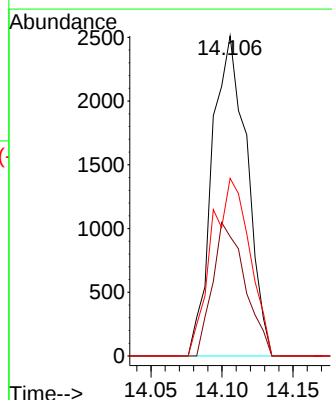
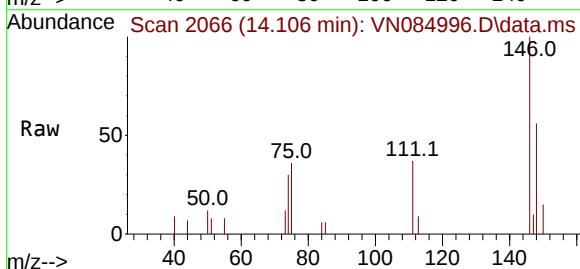
Tgt Ion:146 Resp: 4267

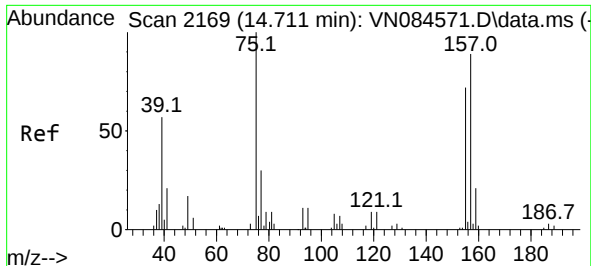
Ion Ratio Lower Upper

146 100

111 39.1 22.0 66.0

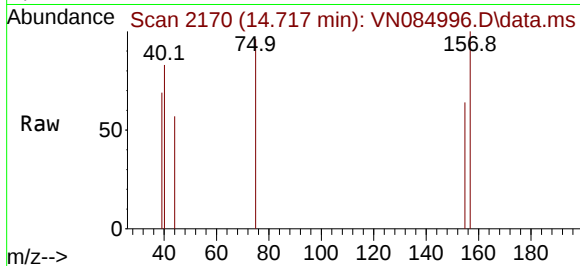
148 61.4 32.1 96.3



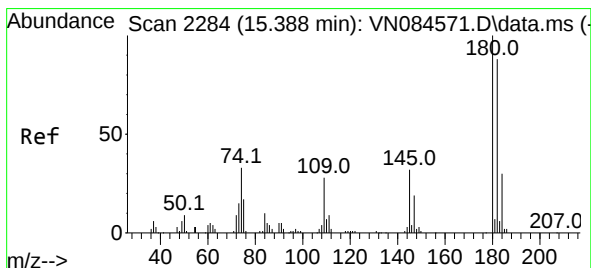
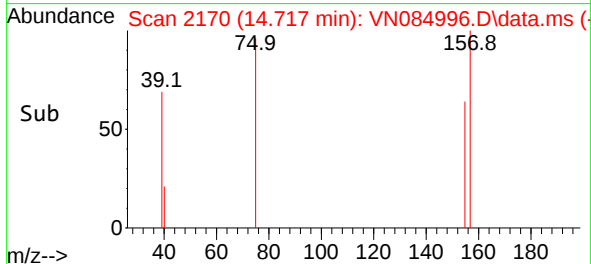
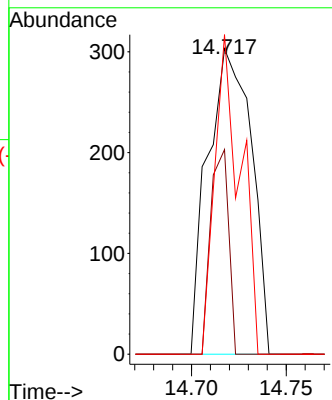


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.015 ug/l
RT: 14.717 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

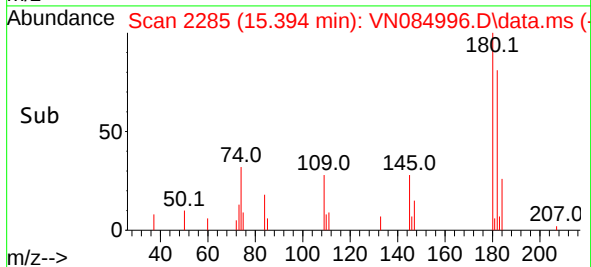
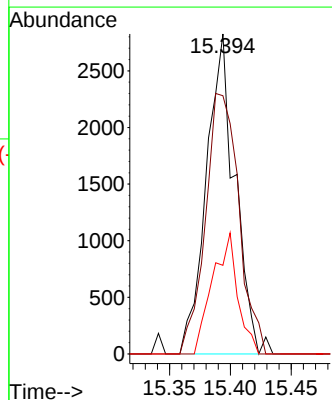
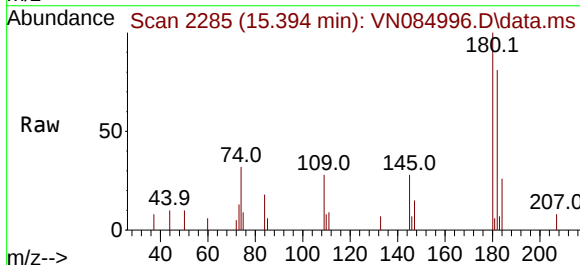


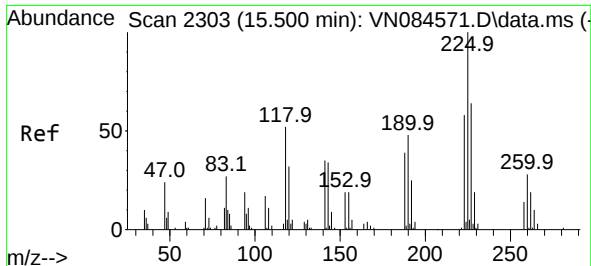
Tgt Ion: 75 Resp: 487
Ion Ratio Lower Upper
75 100
155 27.5 38.1 114.5#
157 61.4 49.6 149.0



#93
1,2,4-Trichlorobenzene
Concen: 2.362 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

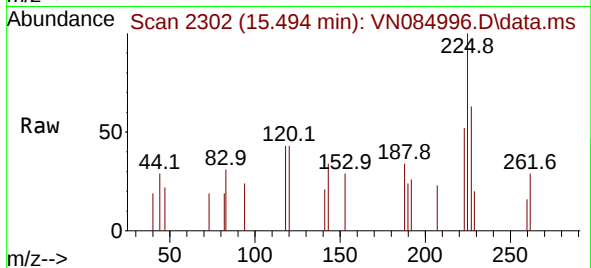
Tgt Ion:180 Resp: 4626
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 33.3 16.4 49.4



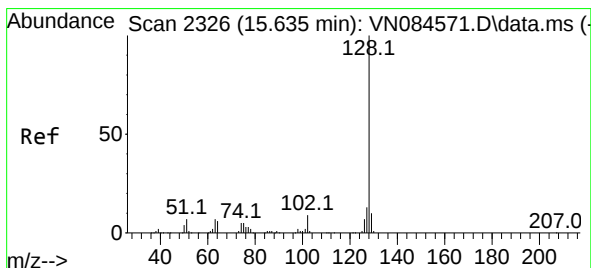
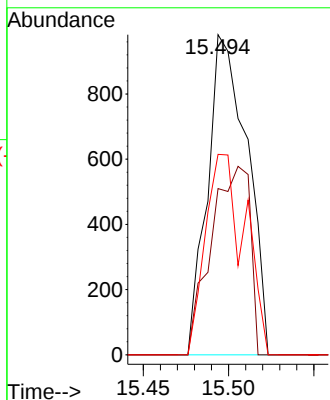
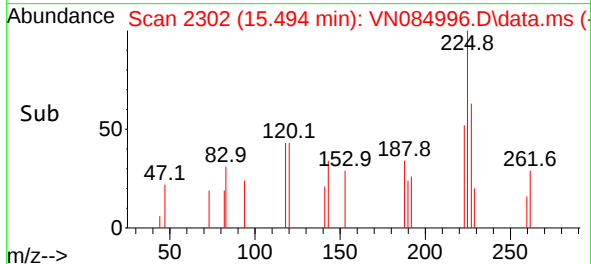


#94
Hexachlorobutadiene
Concen: 1.846 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57

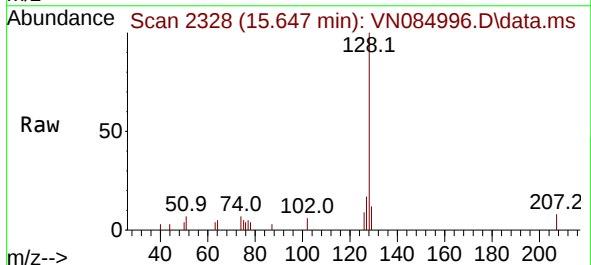
Instrument :
MSVOA_N
ClientSampleId :



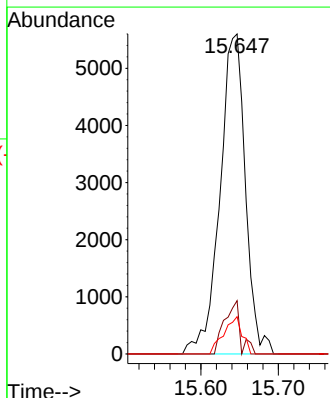
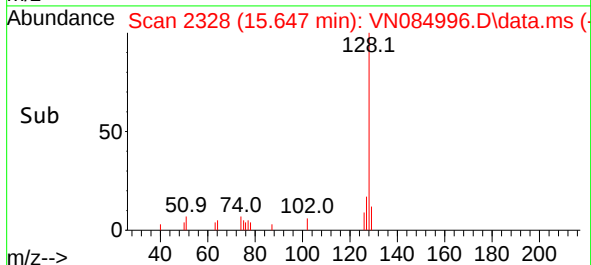
Tgt Ion:225 Resp: 1588
Ion Ratio Lower Upper
225 100
223 58.1 32.4 97.2
227 62.4 32.4 97.0

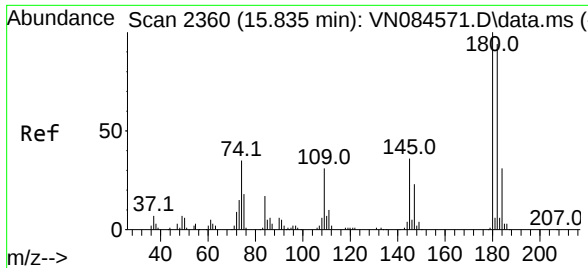


#95
Naphthalene
Concen: 2.188 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.012 min
Lab File: VN084996.D
Acq: 21 Nov 2024 15:57



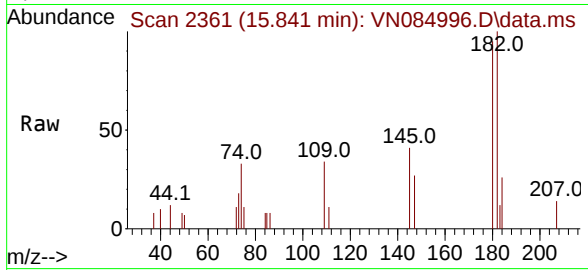
Tgt Ion:128 Resp: 12828
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 8.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.408 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084996.D
 Acq: 21 Nov 2024 15:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	4578
Ion	Ratio	Lower	Upper
180	100		
182	98.6	48.2	144.6
145	38.3	17.3	51.9

