

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084674.D
 Acq On : 05 Nov 2024 09:30
 Operator : JC\MD
 Sample : VN1105MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:22:36 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	165168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117440	49.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.165	113	93461	47.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	10.565	98	332269	46.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.847	95	123004	45.787	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	802	Below Cal	#	41
5) Bromomethane	2.900	94	504	0.466	ug/l	83
6) Chloroethane	3.089	64	383	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	2443	7.758	ug/l	# 73
16) Acetone	4.430	43	91	Below Cal	#	44
17) Carbon Disulfide	4.694	76	2755	0.476	ug/l	# 75
18) Methyl Acetate	5.018	43	1482	Below Cal	#	70
21) trans-1,2-Dichloroethene	5.771	96	536	0.278	ug/l	# 73
31) Cyclohexane	8.218	56	3911	1.187	ug/l	# 1
36) 1,1-Dichloropropene	8.218	75	13457	4.973	ug/l	# 51
38) Carbon Tetrachloride	8.218	117	17504	5.787	ug/l	# 16
44) Trichloroethene	9.341	130	734	0.366	ug/l	76
51) 4-Methyl-2-Pentanone	10.429	43	635	0.271	ug/l	# 85
53) t-1,3-Dichloropropene	10.829	75	1750	0.558	ug/l	# 87
54) cis-1,3-Dichloropropene	10.312	75	838	0.252	ug/l	# 77
58) 2-Chloroethyl Vinyl ether	10.159	63	882	0.681	ug/l	# 62
59) 2-Hexanone	11.194	43	1238	0.727	ug/l	76
61) 1,2-Dibromoethane	11.470	107	456	0.233	ug/l	# 63
64) Tetrachloroethene	11.106	164	604	0.368	ug/l	# 66
65) Chlorobenzene	11.888	112	3235	0.586	ug/l	91
67) Ethyl Benzene	11.965	91	3481	0.378	ug/l	93
68) m/p-Xylenes	12.070	106	2766	0.793	ug/l	91
69) o-Xylene	12.394	106	861	0.264	ug/l	90
70) Styrene	12.412	104	3051	0.536	ug/l	95
71) Bromoform	12.576	173	603	0.418	ug/l	# 75
73) Isopropylbenzene	12.700	105	2580	0.353	ug/l	90
74) N-amyl acetate	12.494	43	1135	0.364	ug/l	# 61
75) 1,1,2,2-Tetrachloroethane	12.941	83	570	0.233	ug/l	# 90
76) 1,2,3-Trichloropropane	12.847	75	64146	30.736	ug/l	# 1
77) Bromobenzene	12.976	156	2069	1.052	ug/l	79
78) n-propylbenzene	13.029	91	6862	0.800	ug/l	97
79) 2-Chlorotoluene	13.123	91	3684	0.658	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	2805	0.463	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	64146	72.918	ug/l	# 11
82) 4-Chlorotoluene	13.217	91	7053	1.196	ug/l	98
83) tert-Butylbenzene	13.435	119	2112	0.421	ug/l	95

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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)

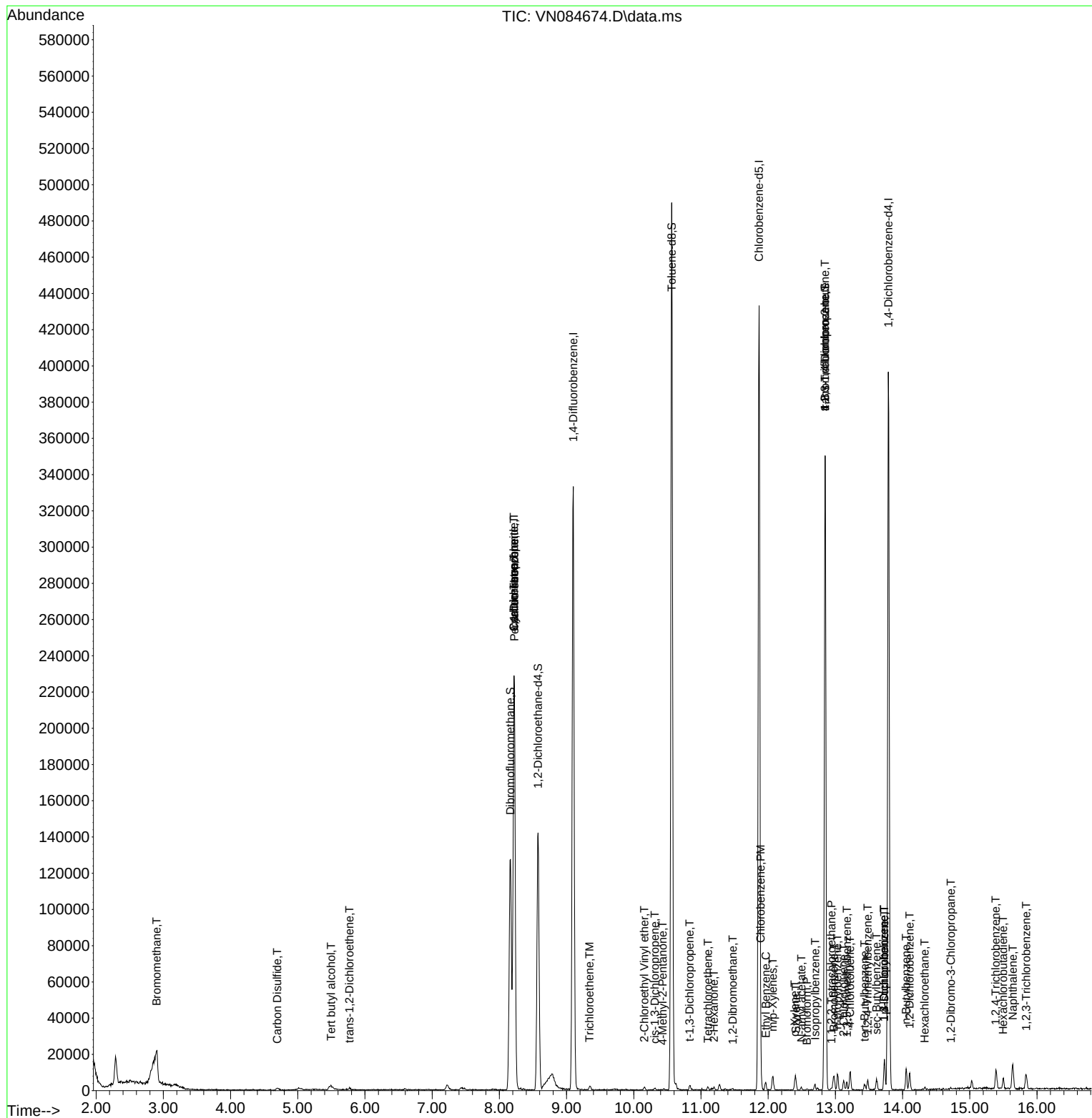
84) 1,2,4-Trimethylbenzene	13.482	105	3246	0.519	ug/l	92
85) sec-Butylbenzene	13.611	105	4408	0.622	ug/l	94
86) p-Isopropyltoluene	13.729	119	3807	0.655	ug/l	93
87) 1,3-Dichlorobenzene	13.723	146	5490	1.430	ug/l	97
88) 1,4-Dichlorobenzene	13.723	146	5490	0.715	ug/l	98
89) n-Butylbenzene	14.053	91	7180	1.320	ug/l	96
90) Hexachloroethane	14.329	117	533	0.411	ug/l #	51
91) 1,2-Dichlorobenzene	14.106	146	3845	1.042	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	180	0.364	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.388	180	3984	1.973	ug/l	94
94) Hexachlorobutadiene	15.494	225	1309	1.476	ug/l	94
95) Naphthalene	15.641	128	13588	2.249	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	4059	2.071	ug/l #	84

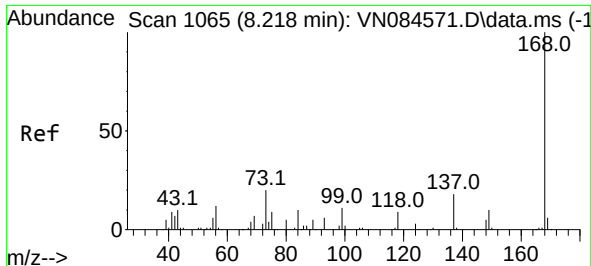
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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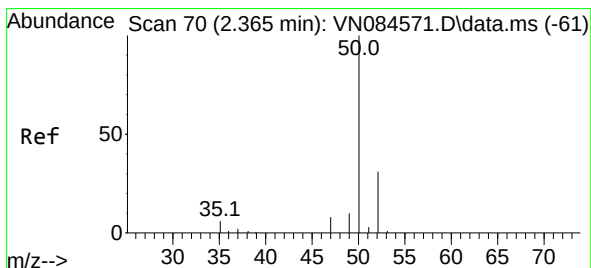
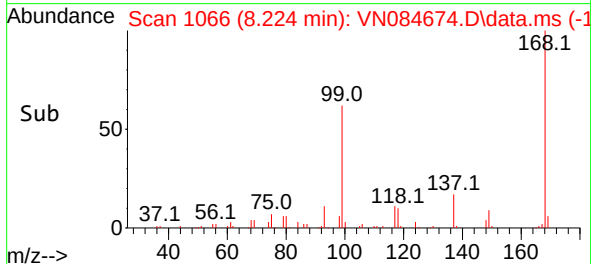
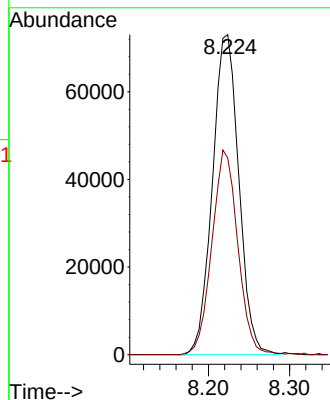
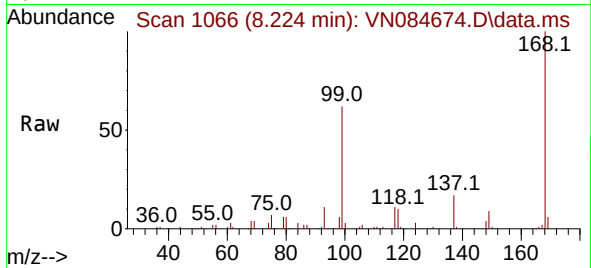




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

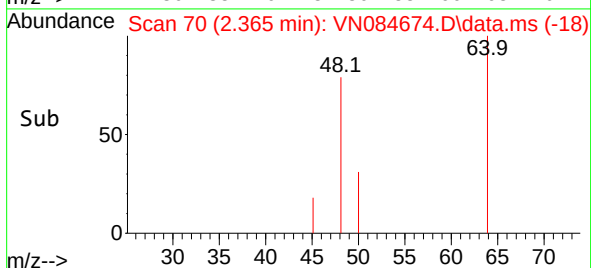
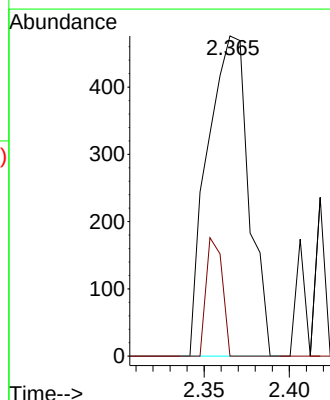
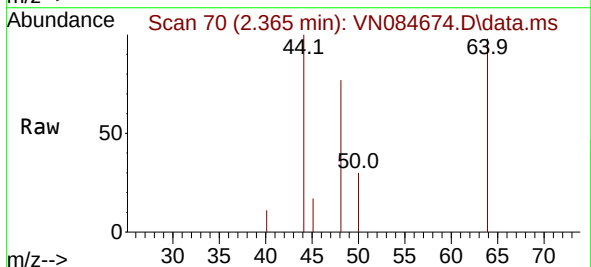
Instrument :
MSVOA_N
ClientSampleId :

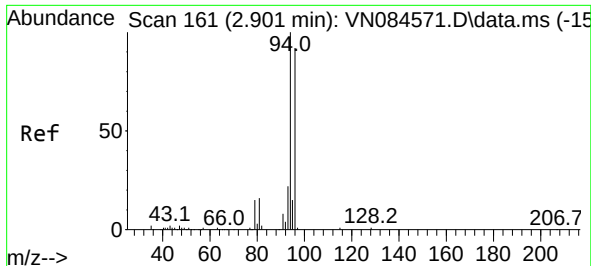
Tgt Ion:168 Resp: 165168
Ion Ratio Lower Upper
168 100
99 61.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

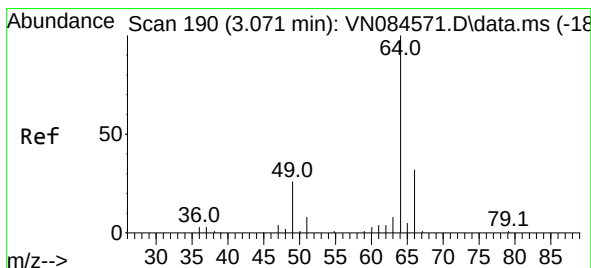
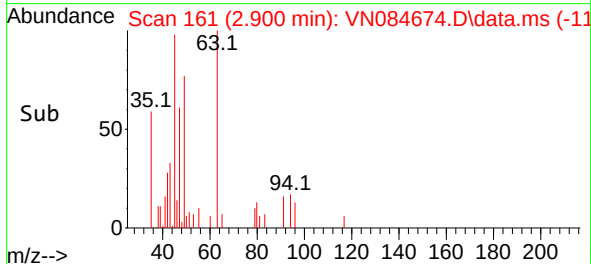
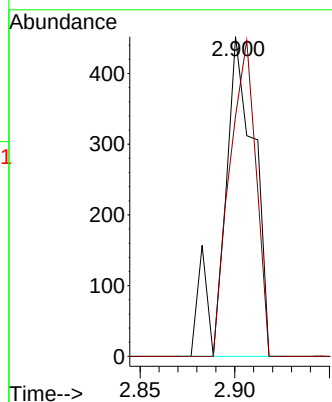
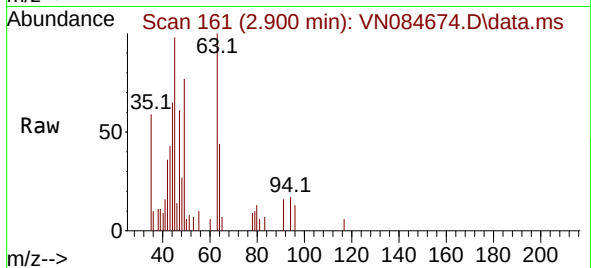




#5
Bromomethane
Concen: 0.466 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

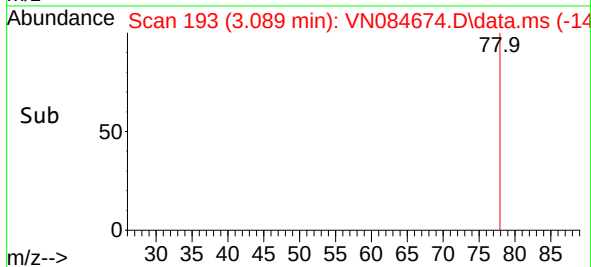
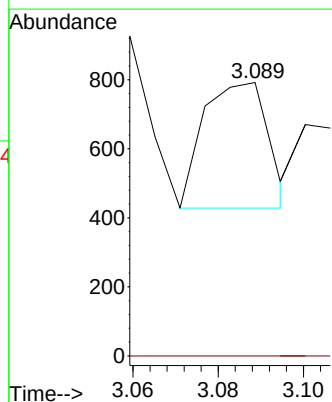
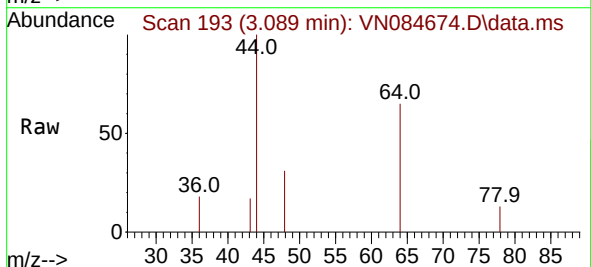
Instrument :
MSVOA_N
ClientSampleId :

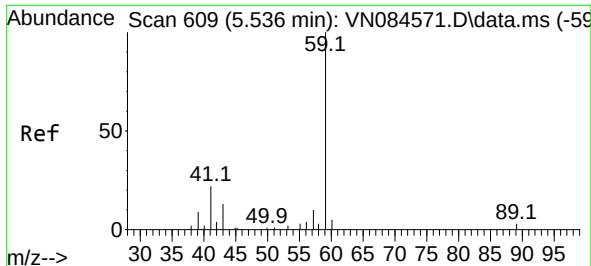
Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 75.2 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

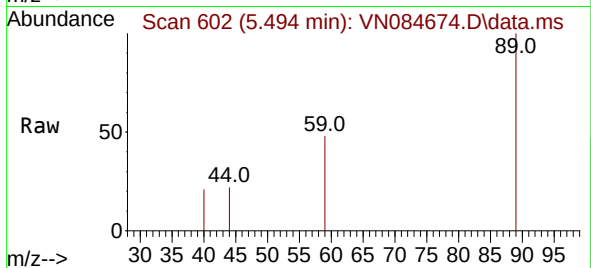
Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



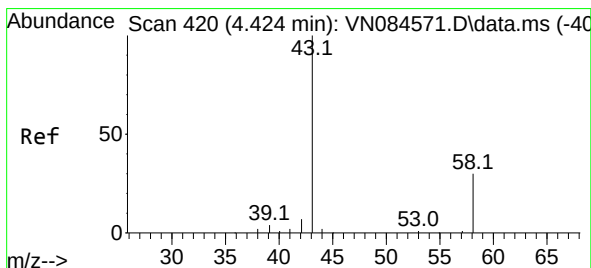
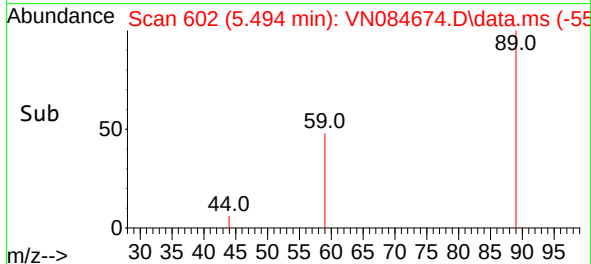
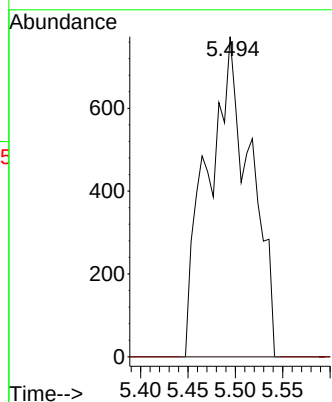


#11
Tert butyl alcohol
Concen: 7.758 ug/l
RT: 5.494 min Scan# 609
Delta R.T. -0.029 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :

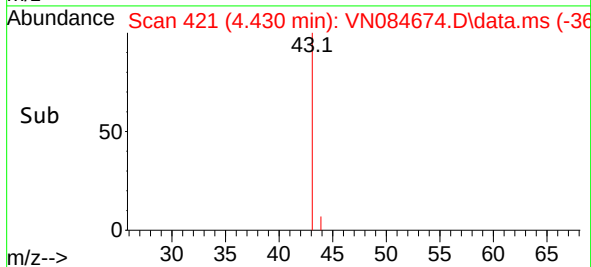
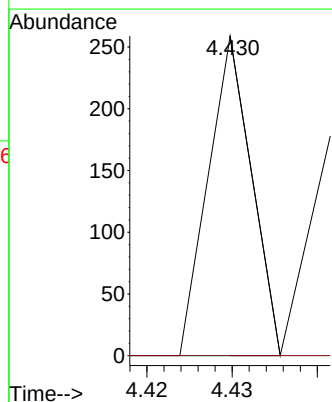
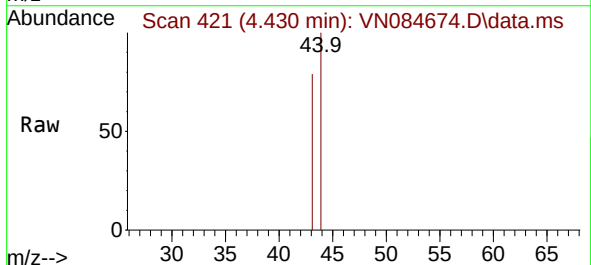


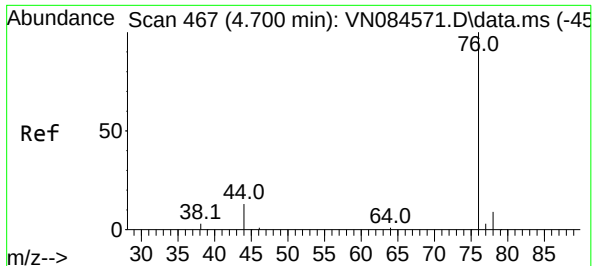
Tgt Ion: 59 Resp: 2443
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

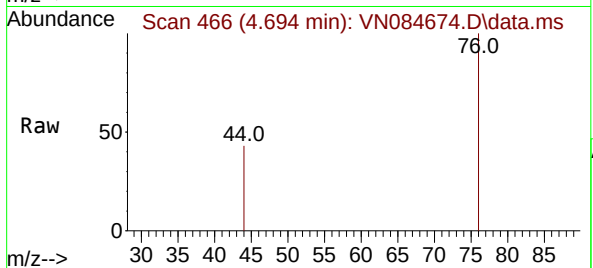
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



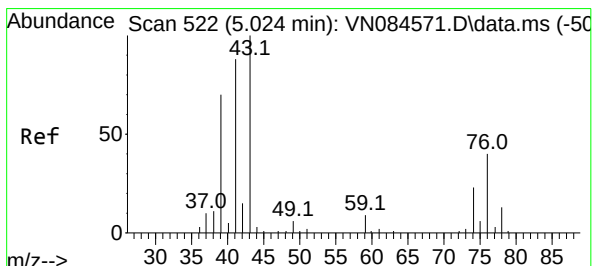
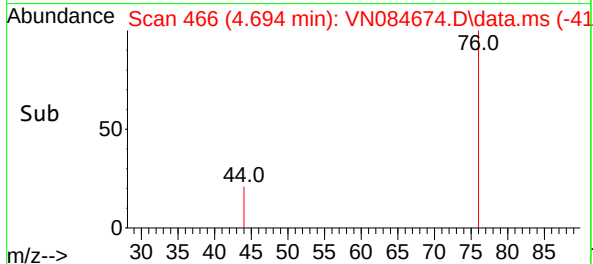
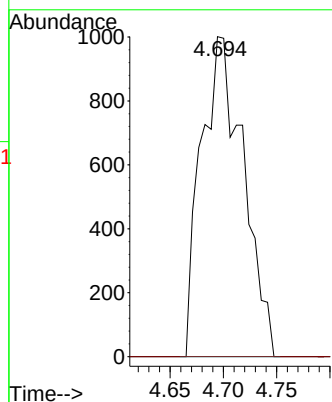


#17
Carbon Disulfide
Concen: 0.476 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :

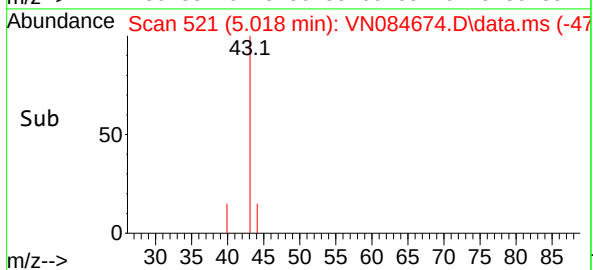
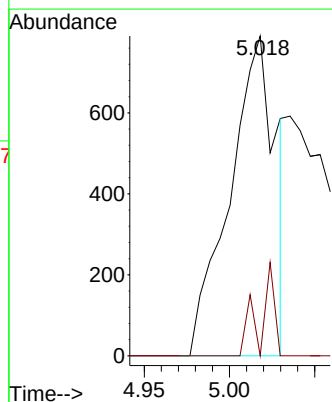
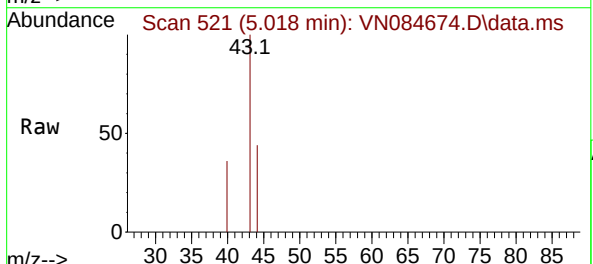


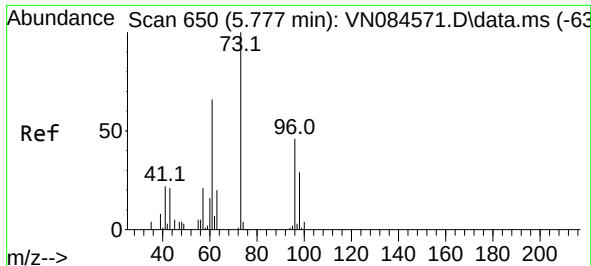
Tgt Ion: 76 Resp: 2755
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

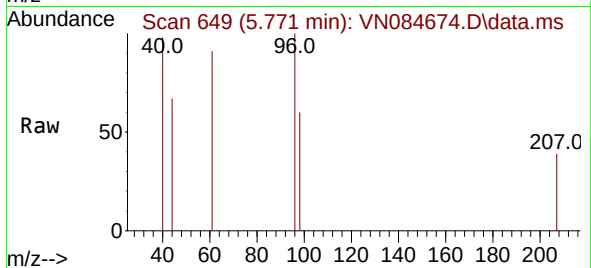
Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
74 9.1 19.2 28.8#



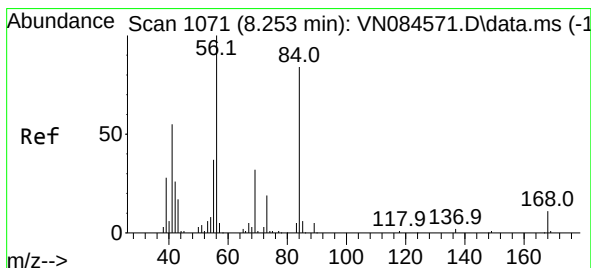
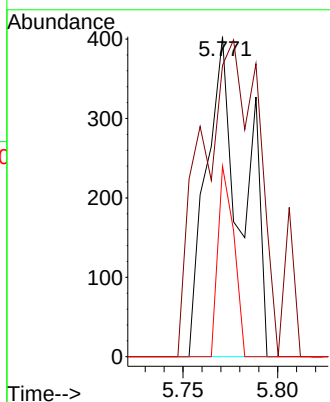
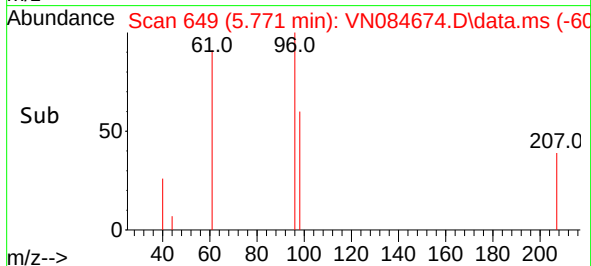


#21
trans-1,2-Dichloroethene
Concen: 0.278 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

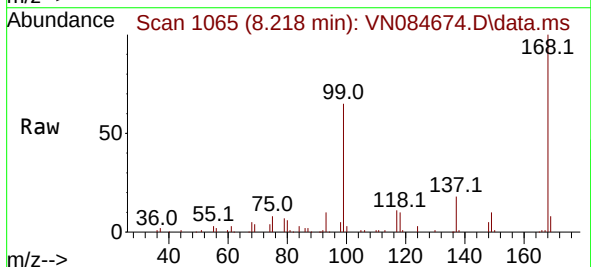
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MSVOA_N
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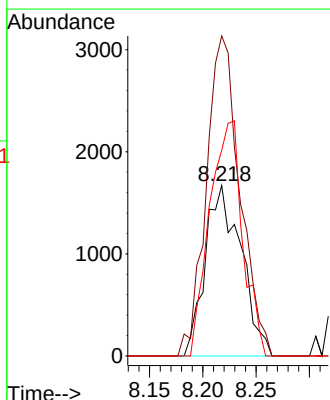
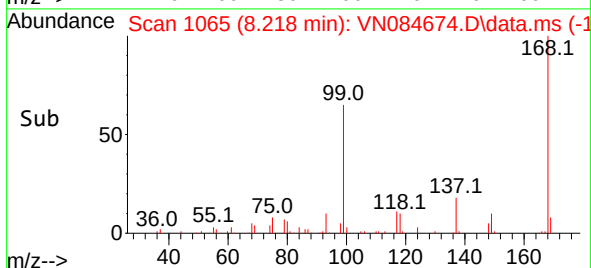
Tgt Ion: 96 Resp: 536
Ion Ratio Lower Upper
96 100
61 91.1 108.4 162.6#
98 59.6 49.8 74.8

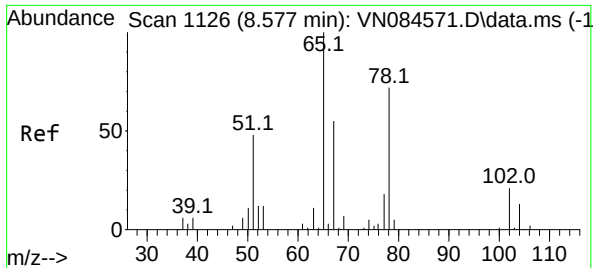


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30



Tgt Ion: 56 Resp: 3911
Ion Ratio Lower Upper
56 100
69 187.7 23.8 35.6#
84 120.5 68.8 103.2#

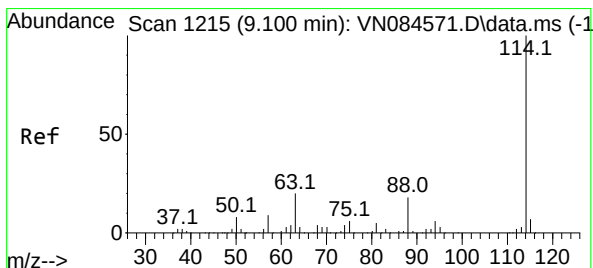
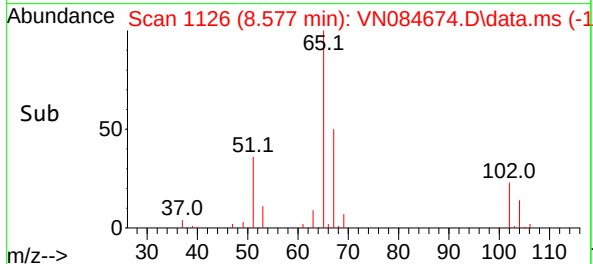
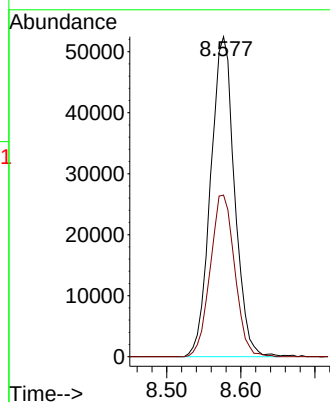
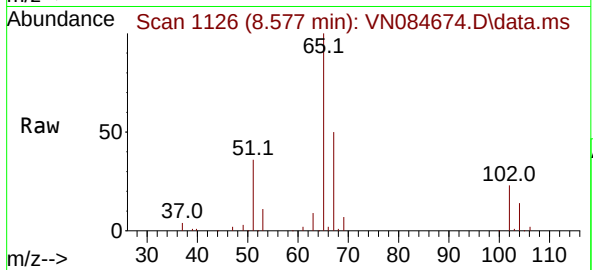




#33
 1,2-Dichloroethane-d4
 Concen: 49.229 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

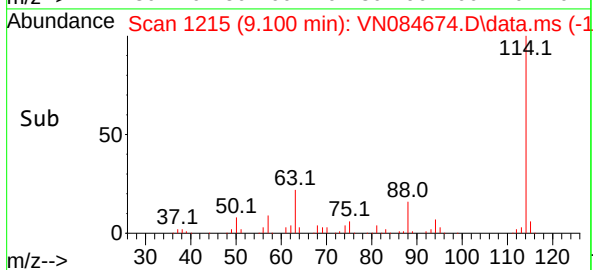
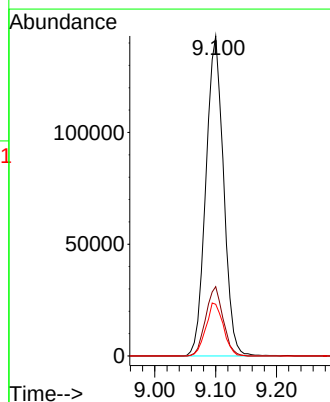
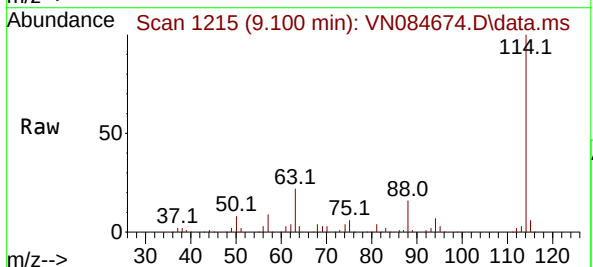
Instrument :
 MSVOA_N
 ClientSampleId :

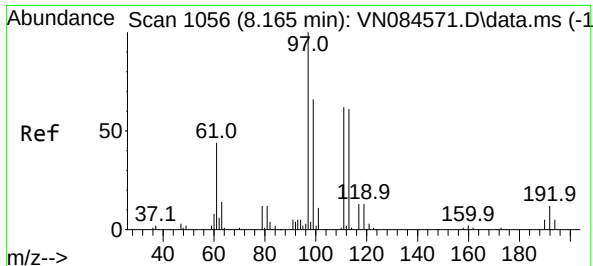
Tgt Ion: 65 Resp: 117440
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Tgt Ion: 114 Resp: 288283
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.8
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.896 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

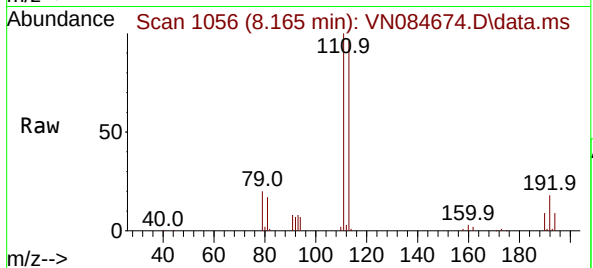
Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :



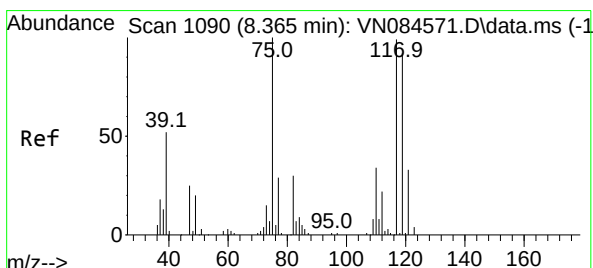
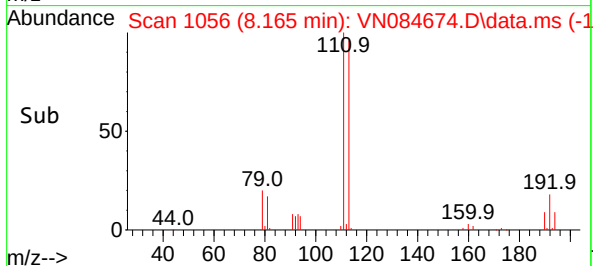
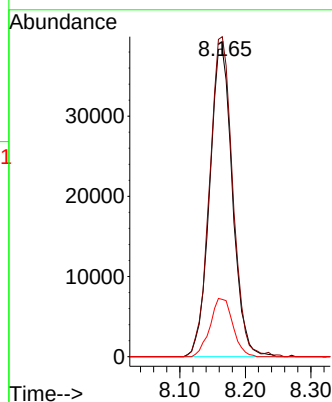
Tgt Ion:113 Resp: 93461

Ion Ratio Lower Upper

113 100

111 104.6 83.3 124.9

192 18.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

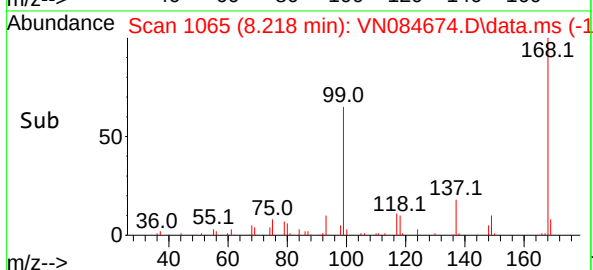
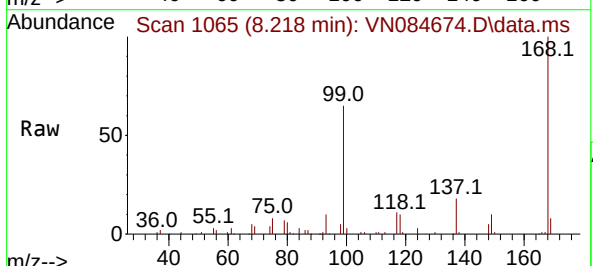
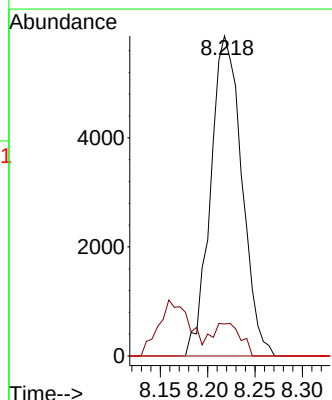
Tgt Ion: 75 Resp: 13457

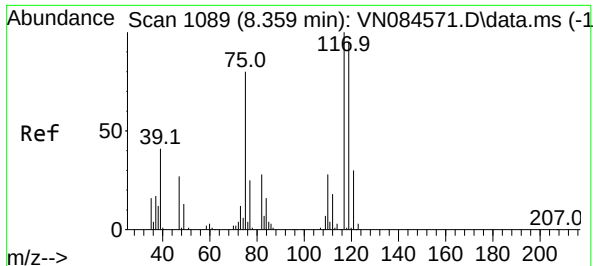
Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.7#

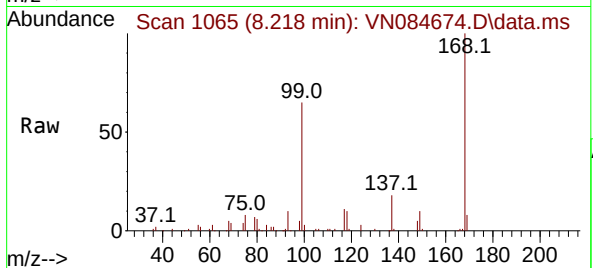
77 0.0 24.7 37.1#



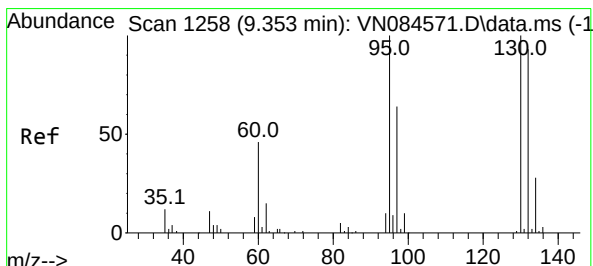
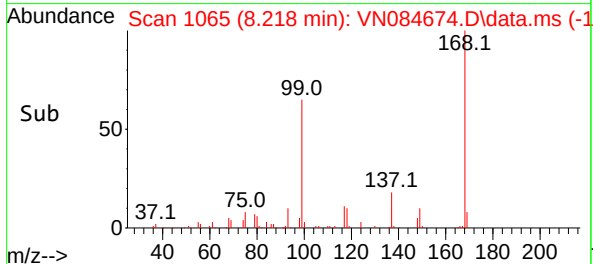
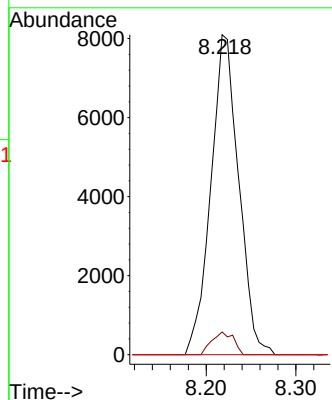


#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :

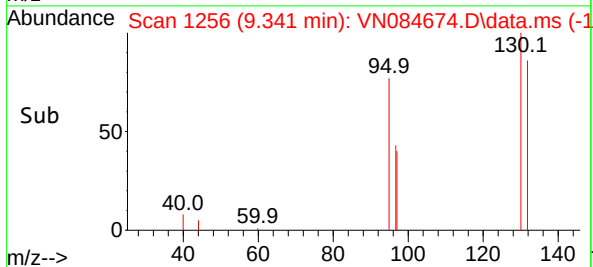
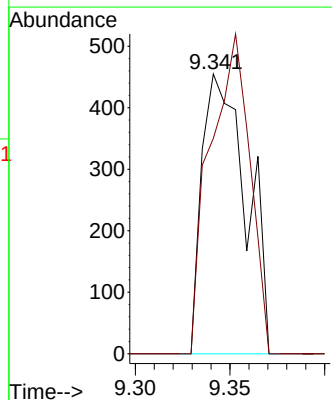
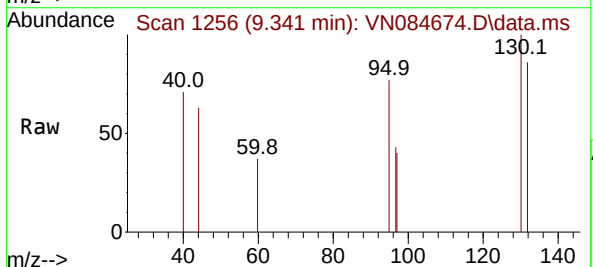


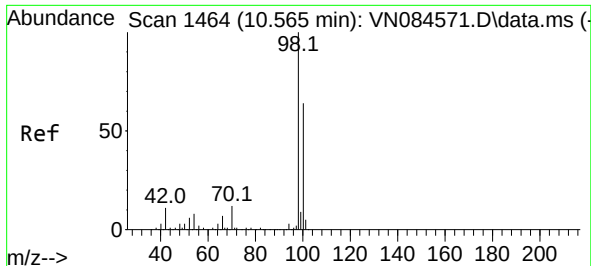
Tgt Ion:117 Resp: 17504
Ion Ratio Lower Upper
117 100
119 7.1 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.366 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion:130 Resp: 734
Ion Ratio Lower Upper
130 100
95 76.9 0.0 203.0

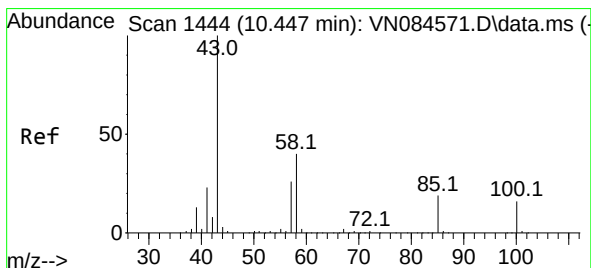
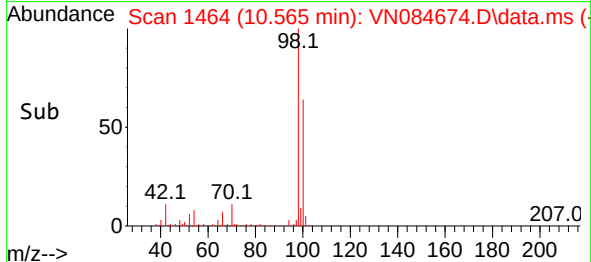
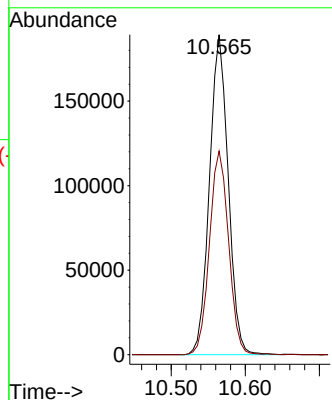
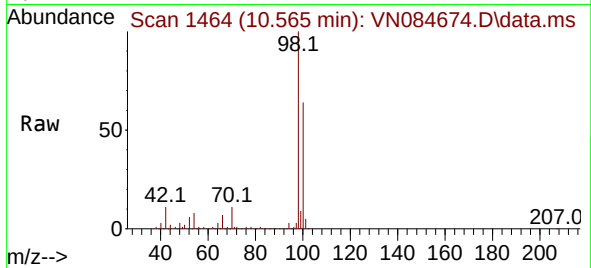




#50
Toluene-d8
Concen: 46.225 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

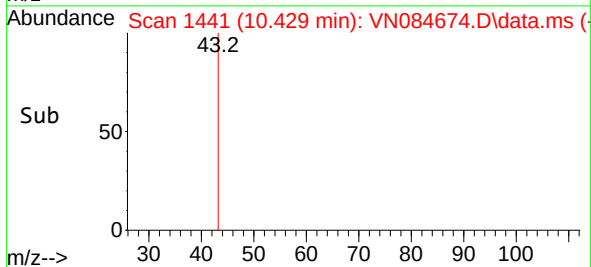
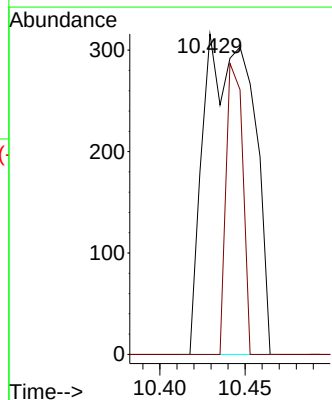
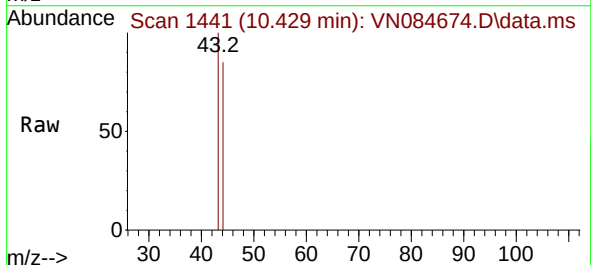
Instrument :
MSVOA_N
ClientSampleId :

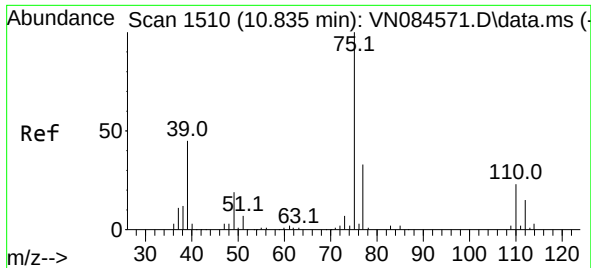
Tgt Ion: 98 Resp: 332269
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.012 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 30.4 31.6 47.4#

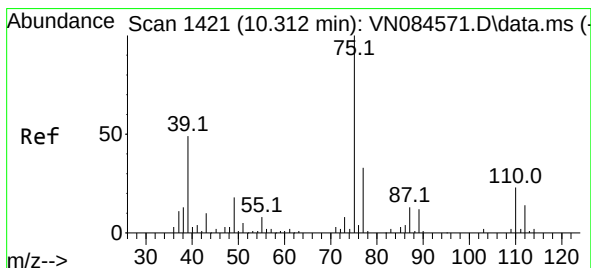
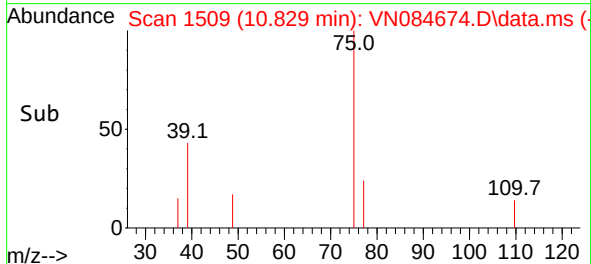
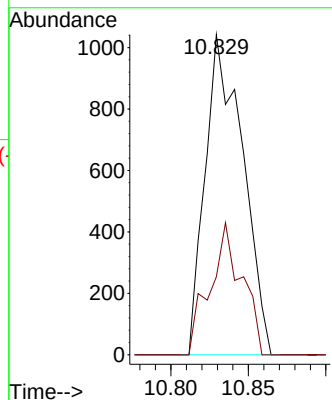
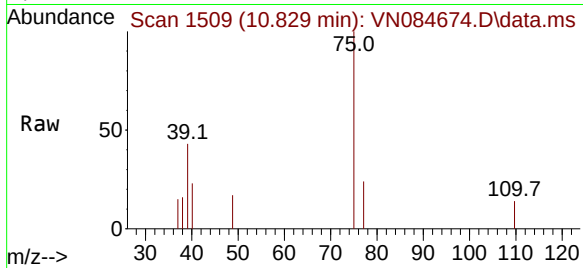




#53
t-1,3-Dichloropropene
Concen: 0.558 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

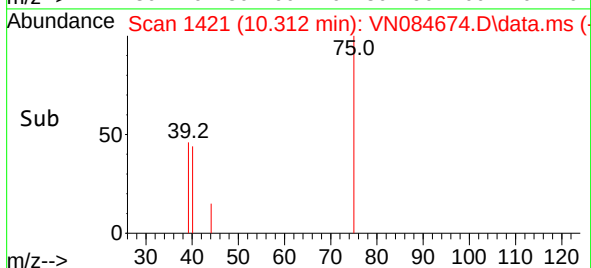
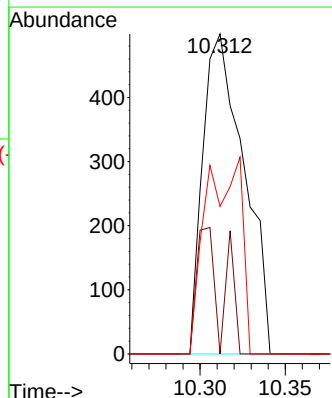
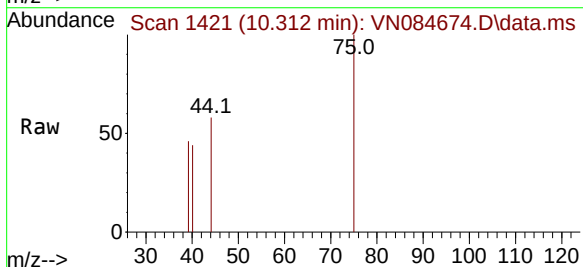
Instrument :
MSVOA_N
ClientSampleId :

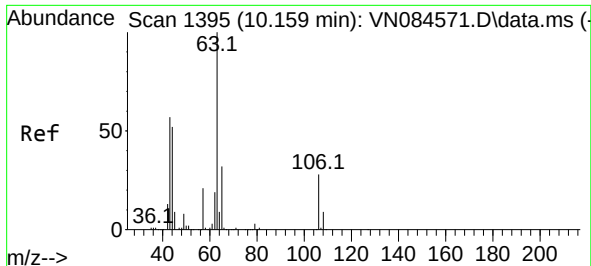
Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 24.4 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.252 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 75 Resp: 838
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 46.1 38.7 58.1

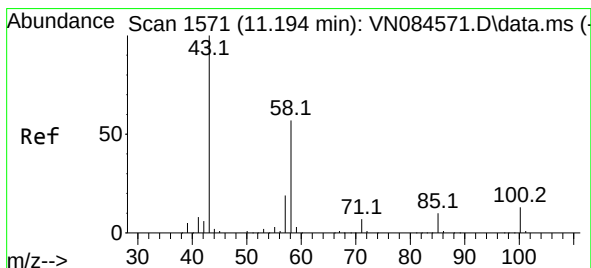
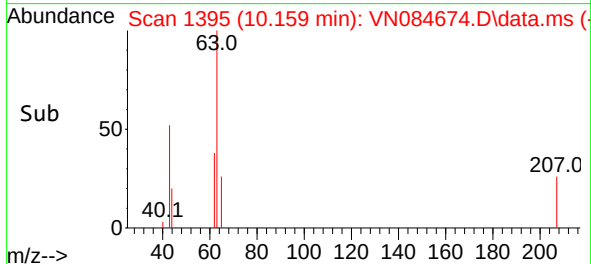
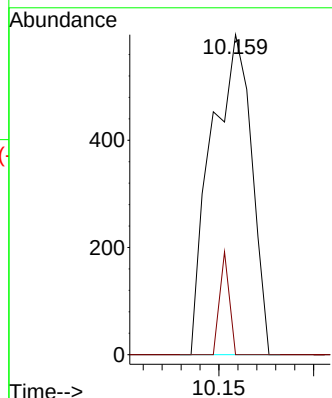
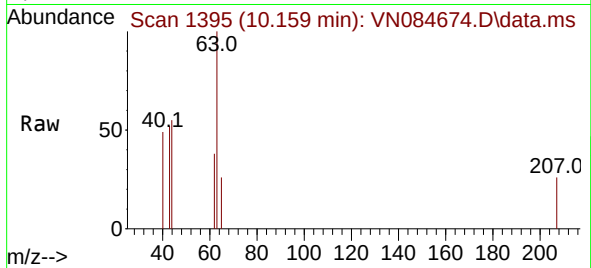




#58
2-Chloroethyl Vinyl ether
Concen: 0.681 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

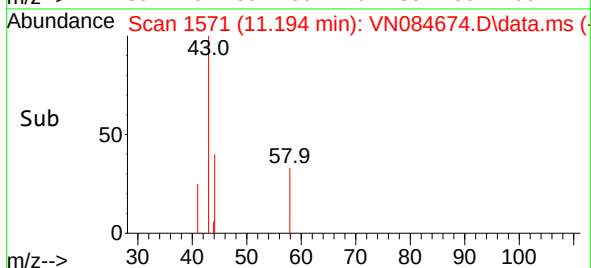
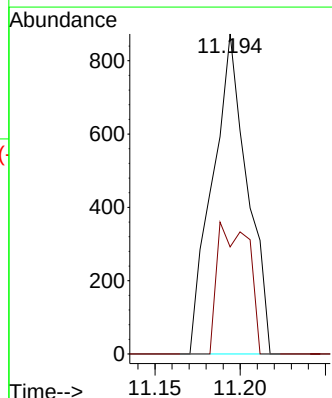
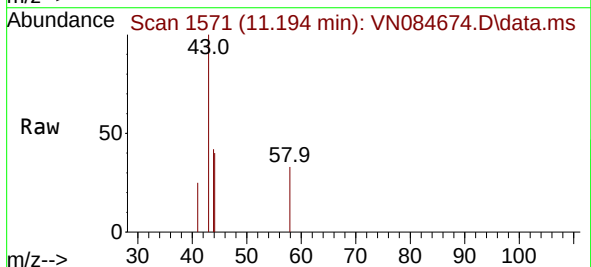
Instrument :
MSVOA_N
ClientSampleId :

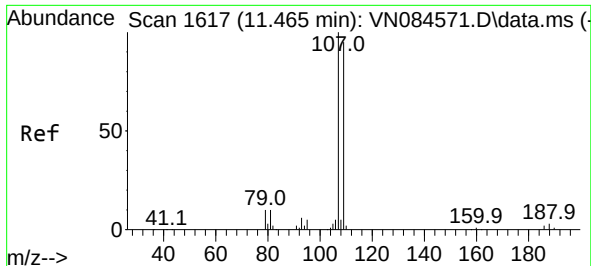
Tgt Ion: 63 Resp: 882
Ion Ratio Lower Upper
63 100
106 7.7 21.8 32.6#



#59
2-Hexanone
Concen: 0.727 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 37.0 27.3 81.8

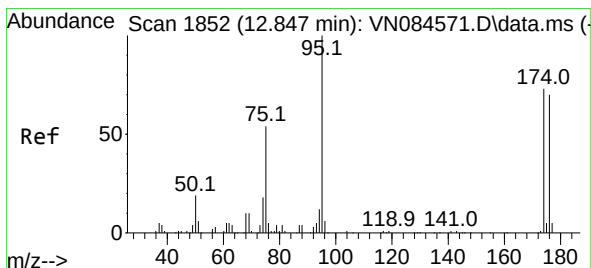
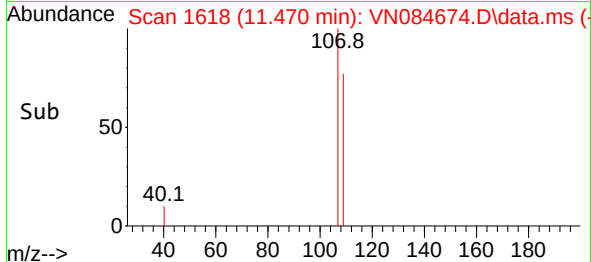
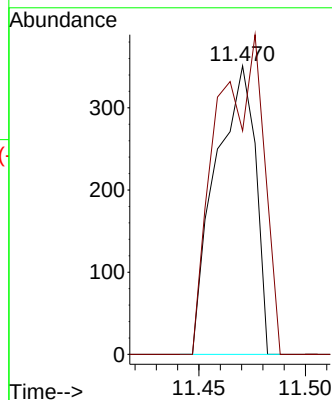
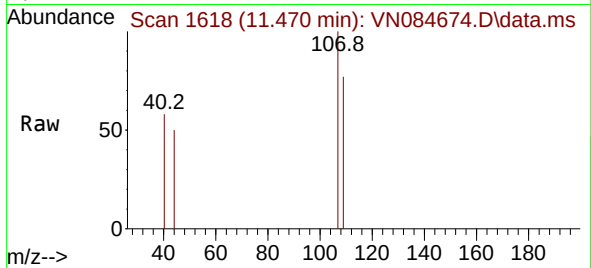




#61
1,2-Dibromoethane
Concen: 0.233 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

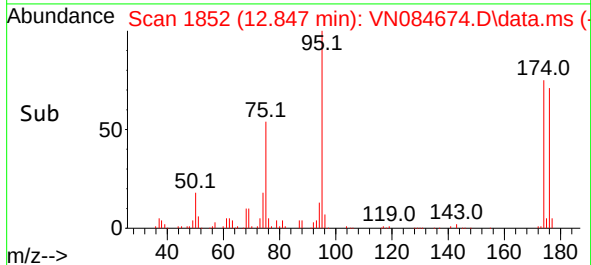
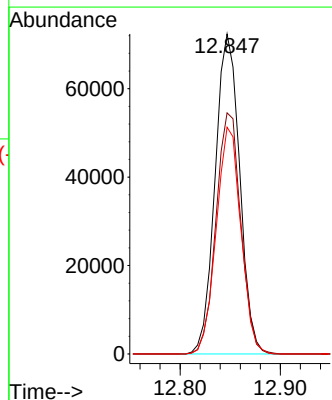
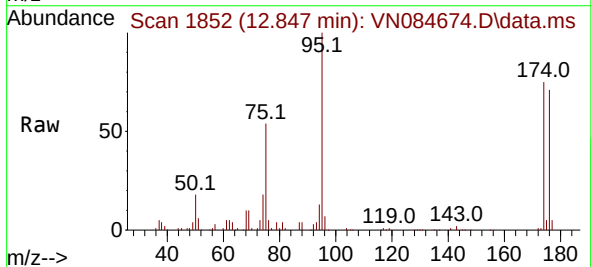
Instrument :
MSVOA_N
ClientSampleId :

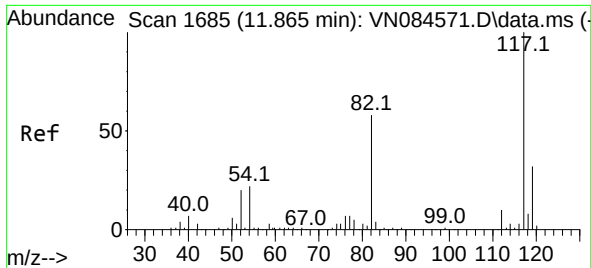
Tgt Ion:107 Resp: 456
Ion Ratio Lower Upper
107 100
109 129.8 75.4 113.0#



#62
4-Bromofluorobenzene
Concen: 45.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 95 Resp: 123004
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.2
176 71.2 0.0 140.0

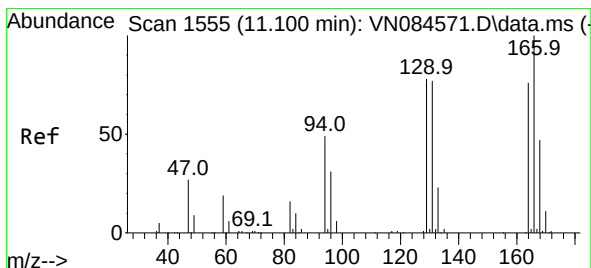
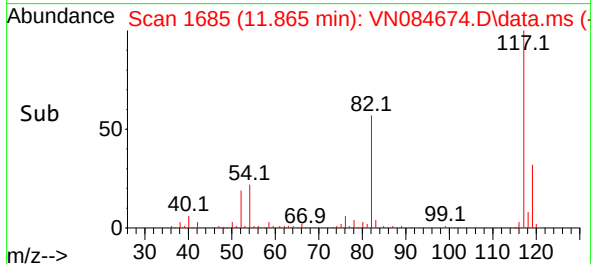
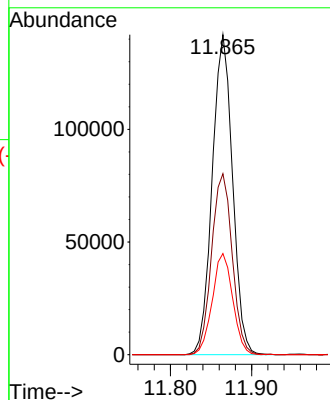
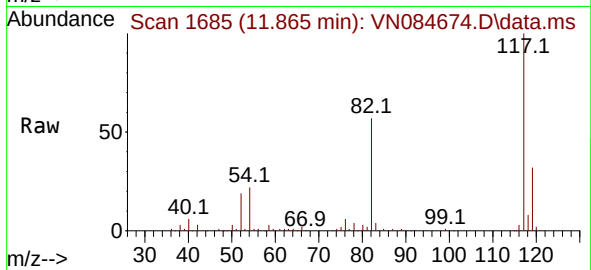




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

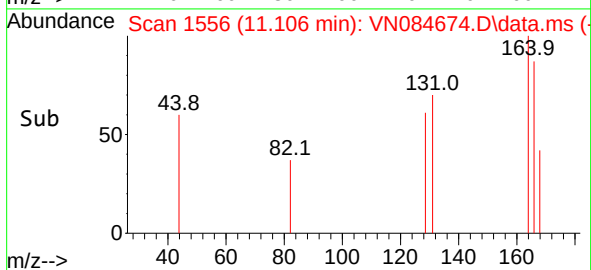
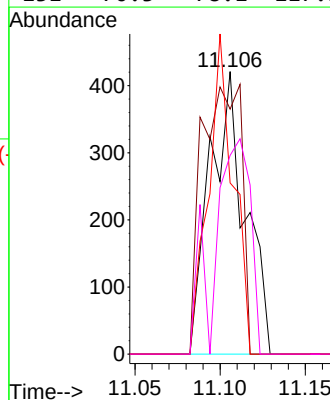
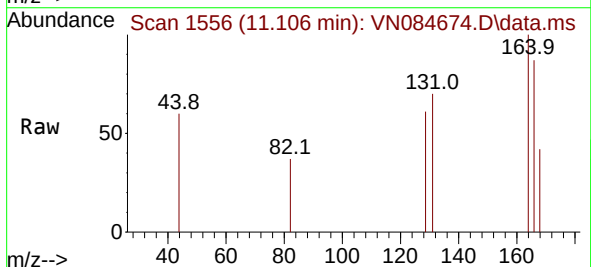
Instrument :
MSVOA_N
ClientSampleId :

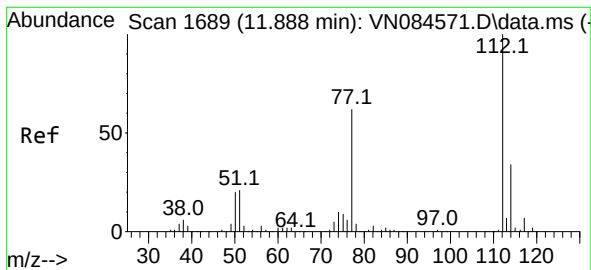
Tgt Ion:117 Resp: 246622
Ion Ratio Lower Upper
117 100
82 56.6 47.2 70.8
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 0.368 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion:164 Resp: 604
Ion Ratio Lower Upper
164 100
166 86.7 101.0 151.4#
129 60.6 80.8 121.2#
131 70.3 78.1 117.1#

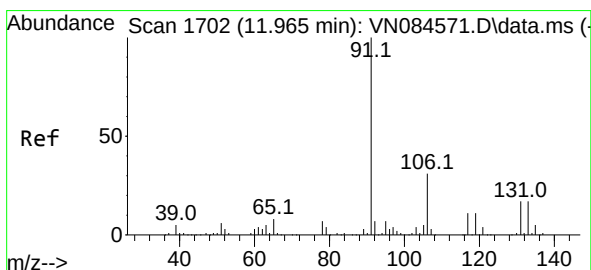
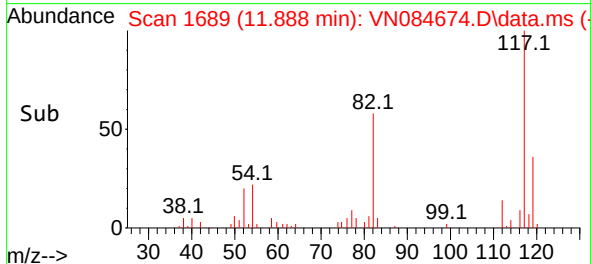
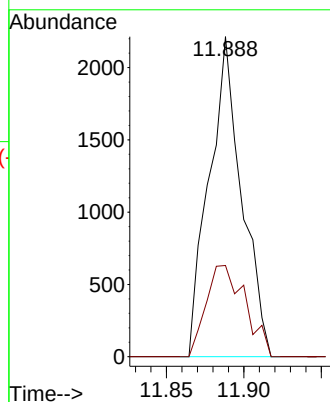
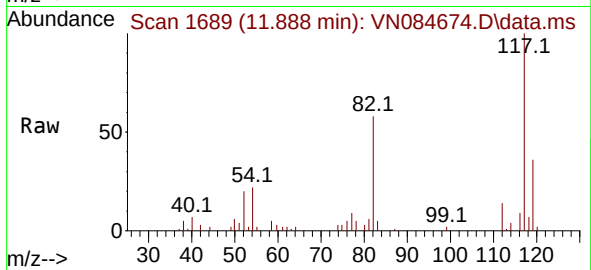




#65
Chlorobenzene
Concen: 0.586 ug/l
RT: 11.888 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

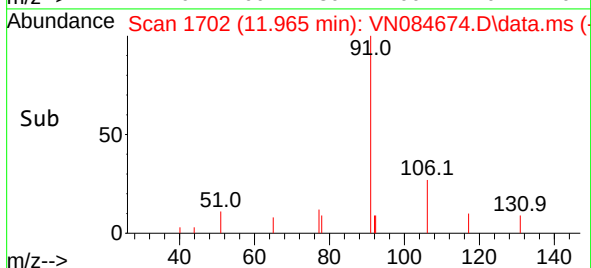
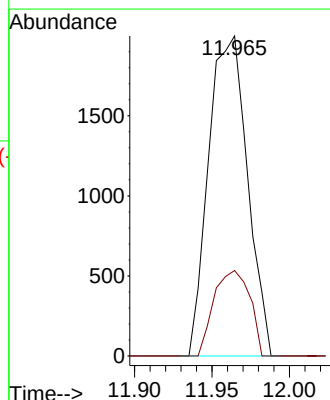
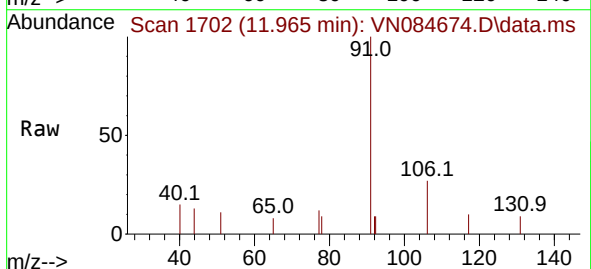
Instrument :
MSVOA_N
ClientSampleId :

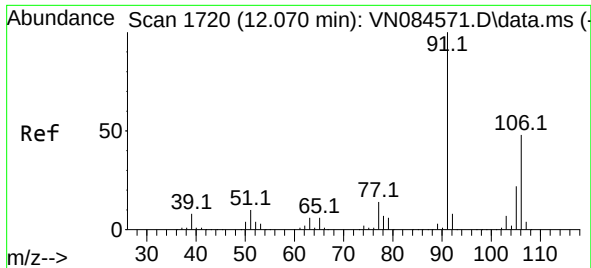
Tgt Ion:112 Resp: 3235
Ion Ratio Lower Upper
112 100
114 28.5 27.0 40.6



#67
Ethyl Benzene
Concen: 0.378 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 91 Resp: 3481
Ion Ratio Lower Upper
91 100
106 26.7 24.5 36.7

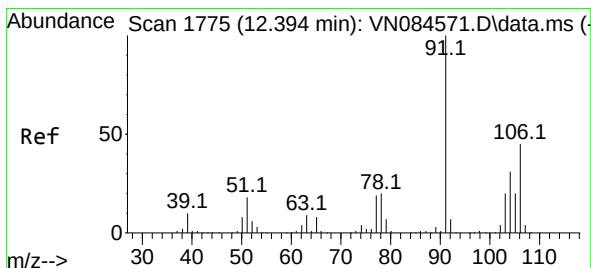
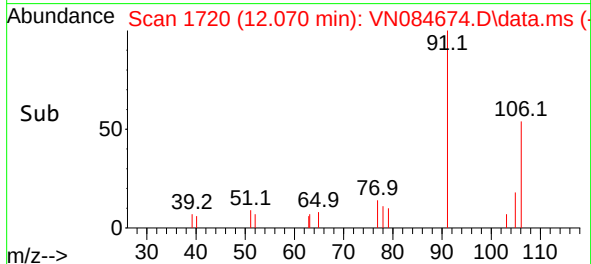
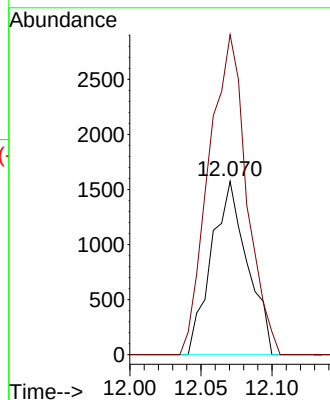
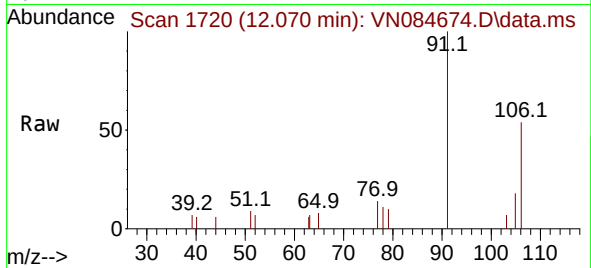




#68
m/p-Xylenes
Concen: 0.793 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

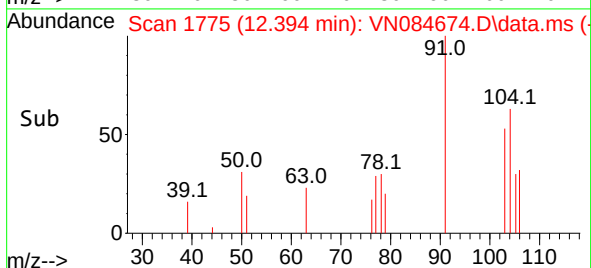
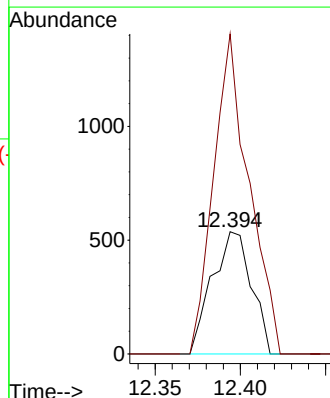
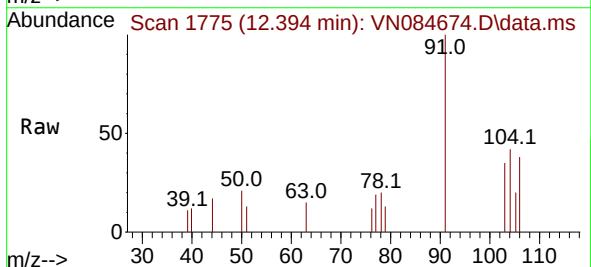
Instrument :
MSVOA_N
ClientSampleId :

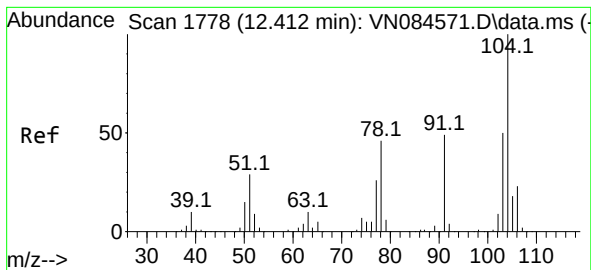
Tgt Ion:106 Resp: 2766
Ion Ratio Lower Upper
106 100
91 195.6 167.1 250.7



#69
o-Xylene
Concen: 0.264 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion:106 Resp: 861
Ion Ratio Lower Upper
106 100
91 236.0 110.2 330.6





#70

Styrene

Concen: 0.536 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

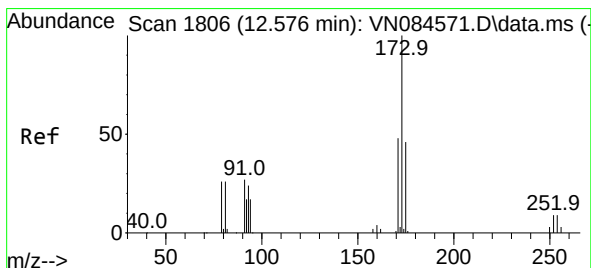
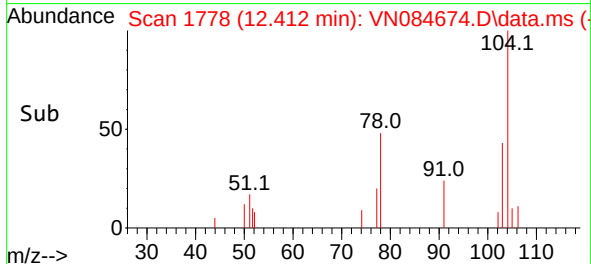
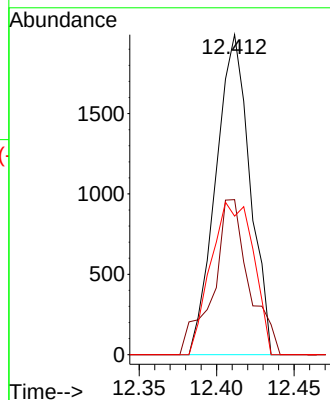
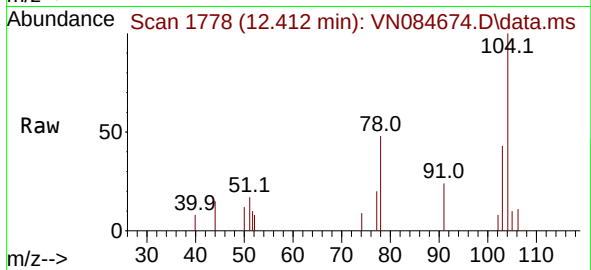
Tgt Ion:104 Resp: 3051

Ion Ratio Lower Upper

104 100

78 51.0 42.7 64.1

103 59.2 43.6 65.4



#71

Bromoform

Concen: 0.418 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

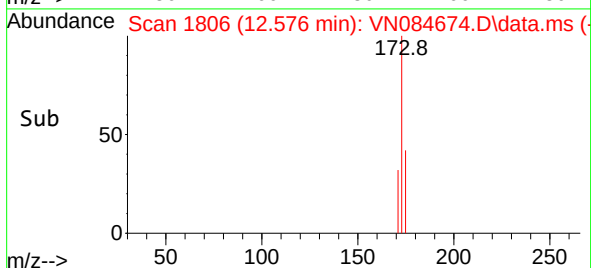
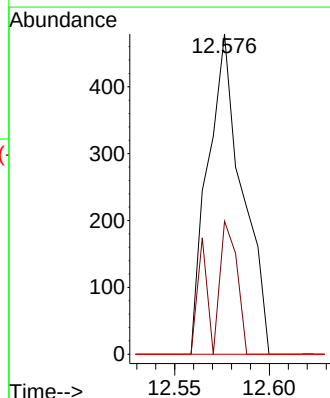
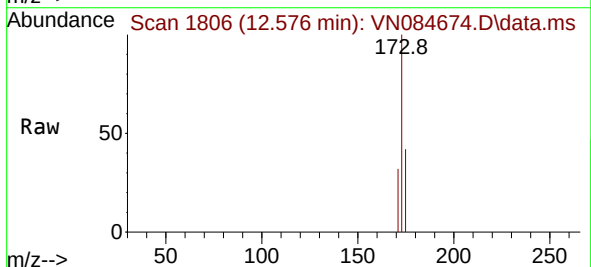
Tgt Ion:173 Resp: 603

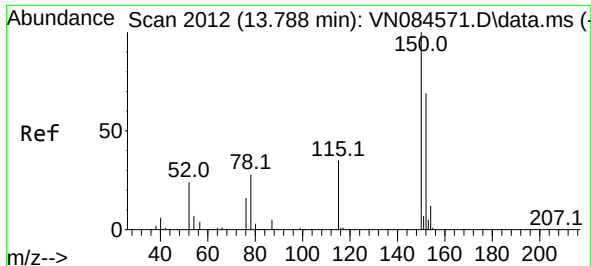
Ion Ratio Lower Upper

173 100

175 30.7 23.5 70.6

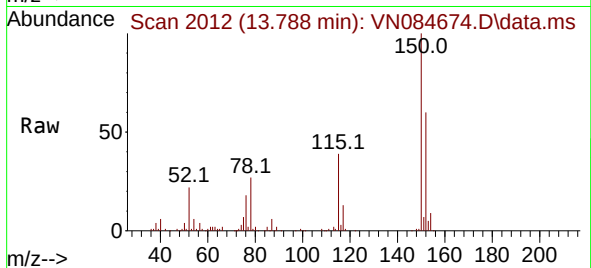
254 0.0 0.0 0.0



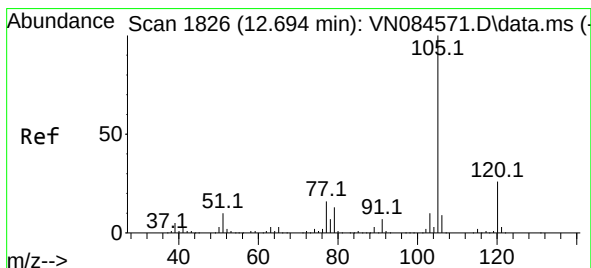
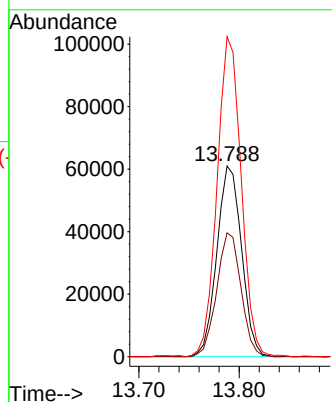
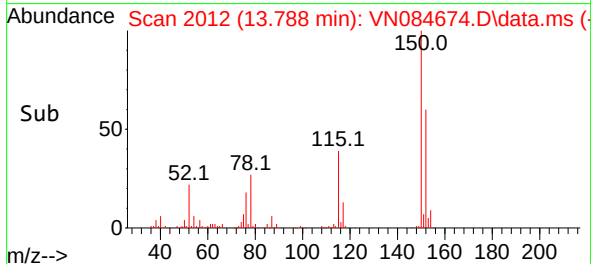


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

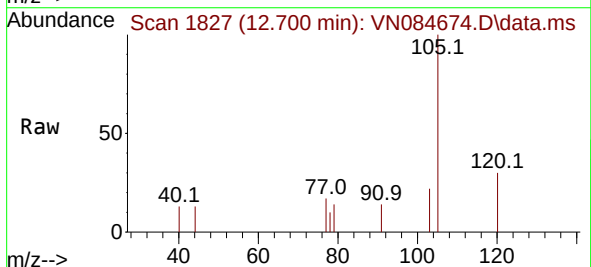
Instrument :
 MSVOA_N
 ClientSampleId :



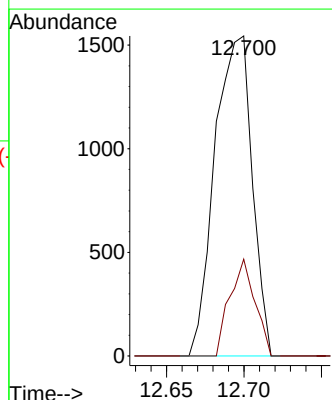
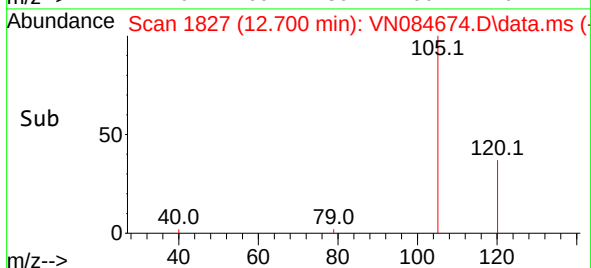
Tgt Ion:152 Resp: 104405
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.3 93.9
 150 164.0 0.0 349.8

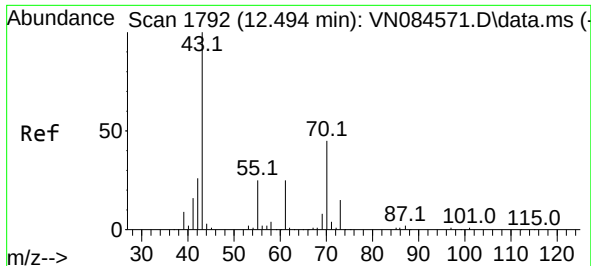


#73
 Isopropylbenzene
 Concen: 0.353 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.006 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30



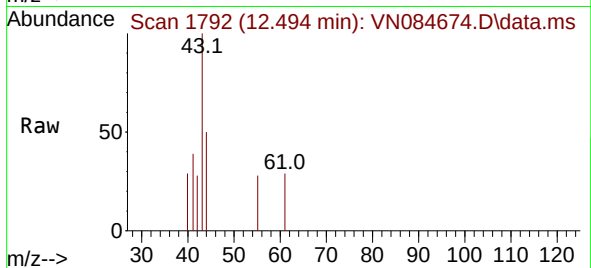
Tgt Ion:105 Resp: 2580
 Ion Ratio Lower Upper
 105 100
 120 20.5 12.9 38.7



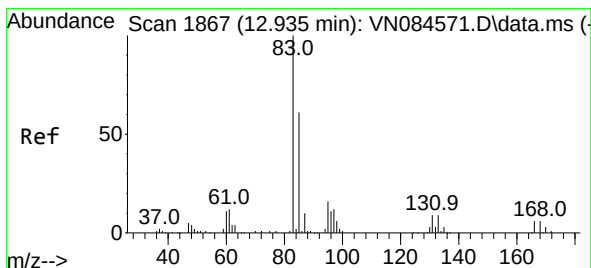
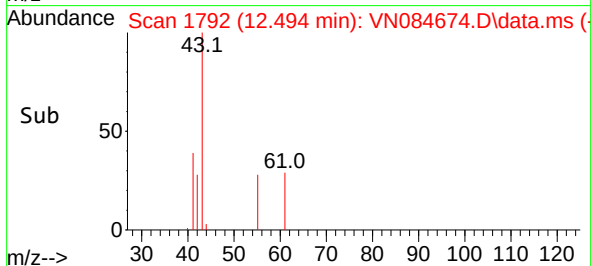
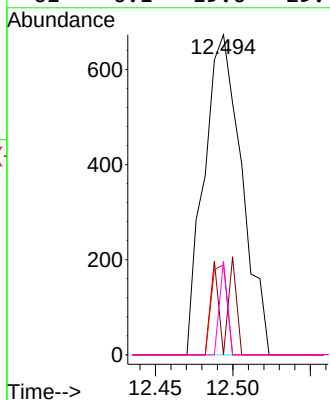


#74
N-amy1 acetate
Concen: 0.364 ug/l
RT: 12.494 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :

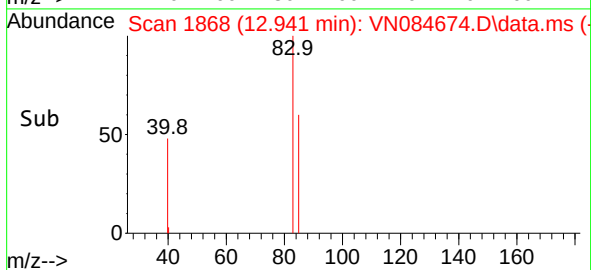
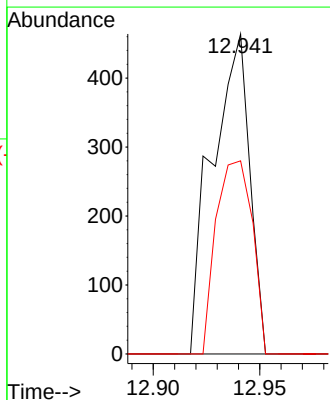
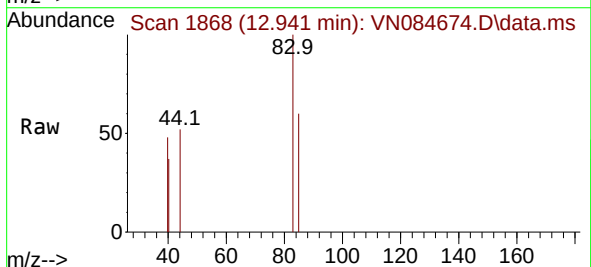


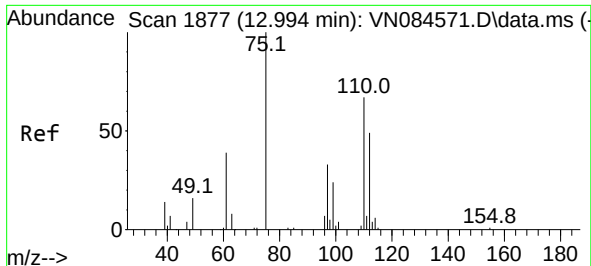
Tgt Ion	Ratio	Lower	Upper
43	100		
70	12.5	34.4	51.6#
55	11.5	19.6	29.4#
61	6.1	19.6	29.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.233 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	58.1	31.9	95.7

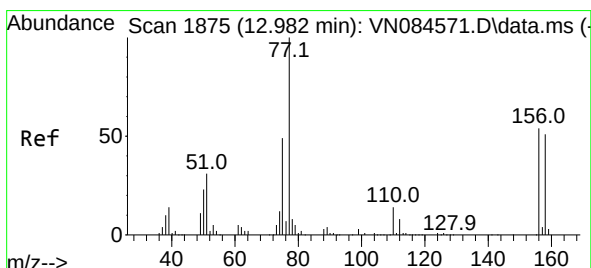
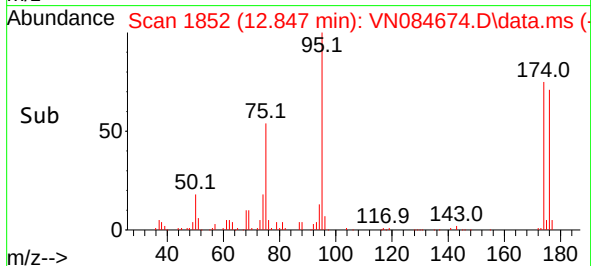
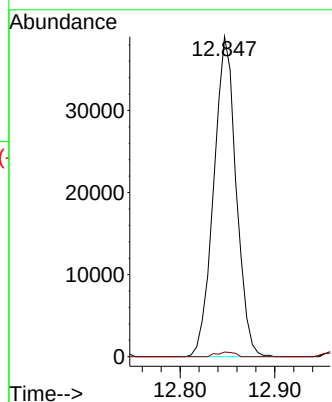
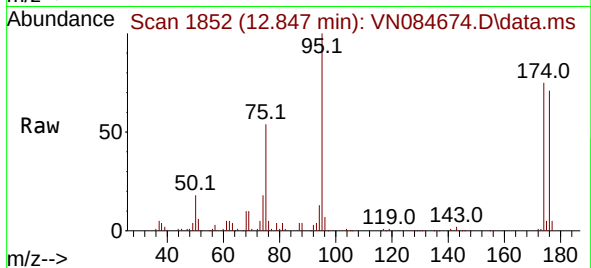




#76
1,2,3-Trichloropropane
Concen: 30.736 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

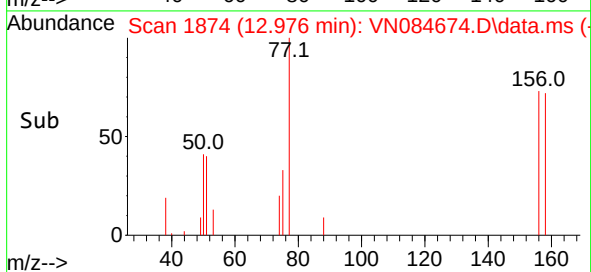
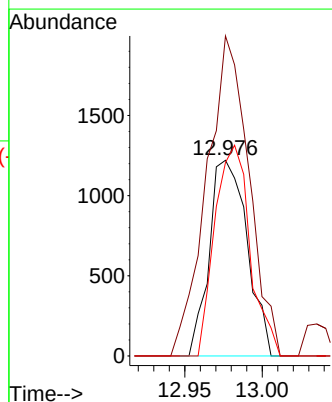
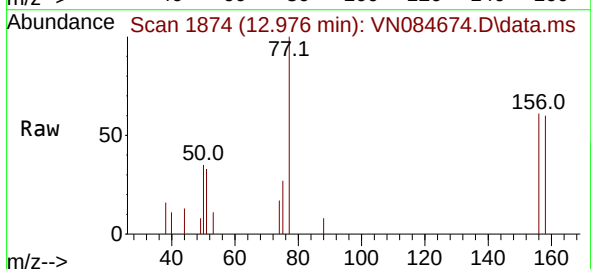
Instrument :
MSVOA_N
ClientSampleId :

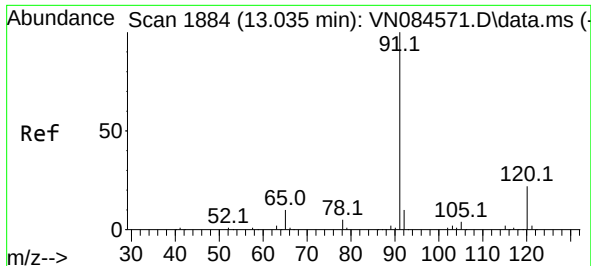
Tgt Ion: 75 Resp: 64146
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#77
Bromobenzene
Concen: 1.052 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion:156 Resp: 2069
Ion Ratio Lower Upper
156 100
77 182.4 115.1 345.3
158 100.3 48.9 146.8

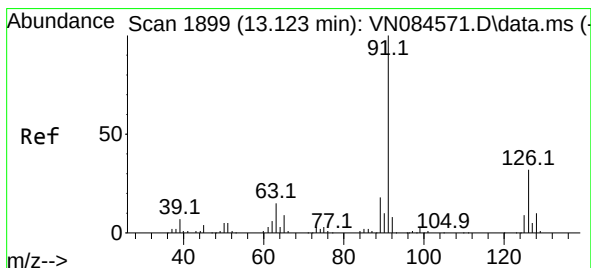
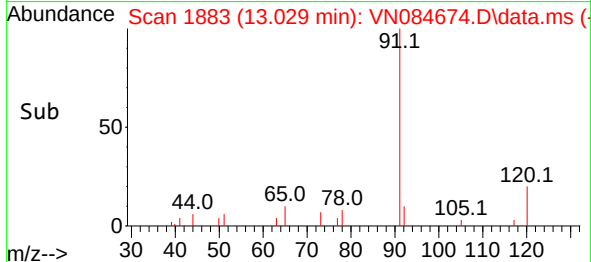
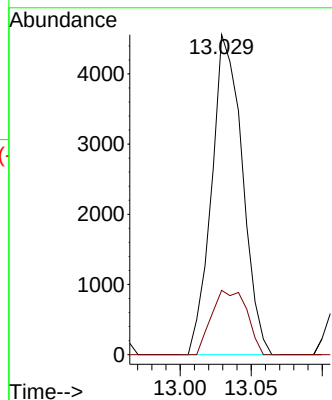
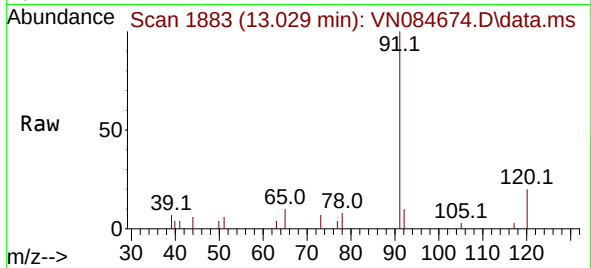




#78
n-propylbenzene
Concen: 0.800 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

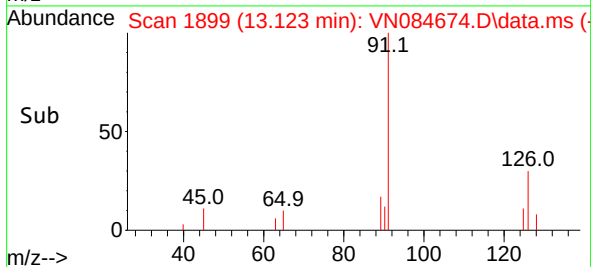
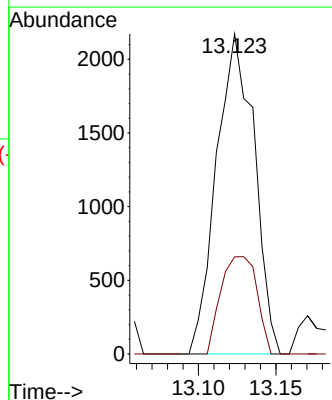
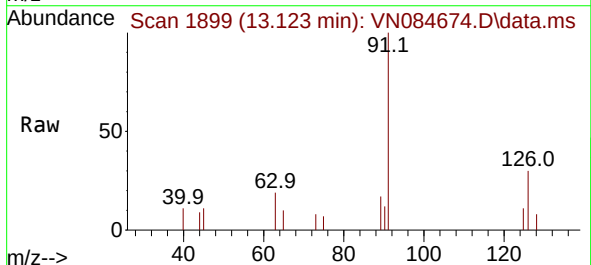
Instrument :
MSVOA_N
ClientSampleId :

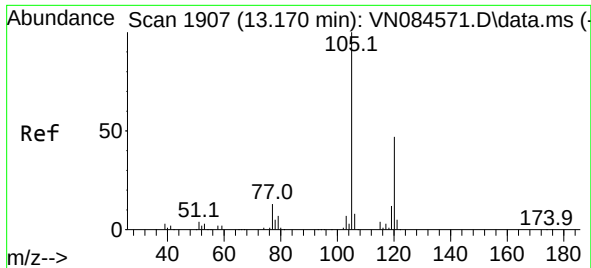
Tgt Ion: 91 Resp: 6862
Ion Ratio Lower Upper
91 100
120 23.0 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.658 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
126 28.9 15.7 47.1

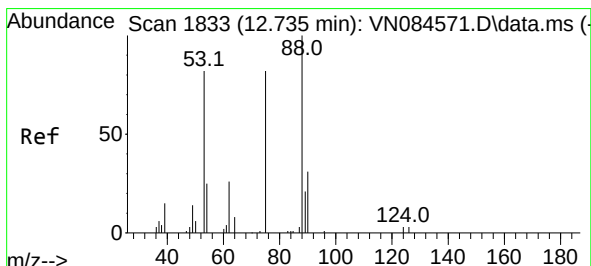
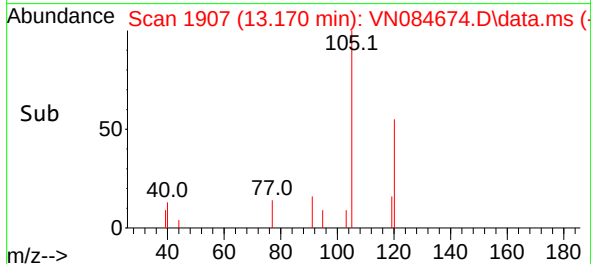
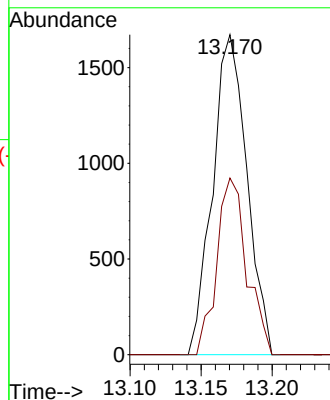
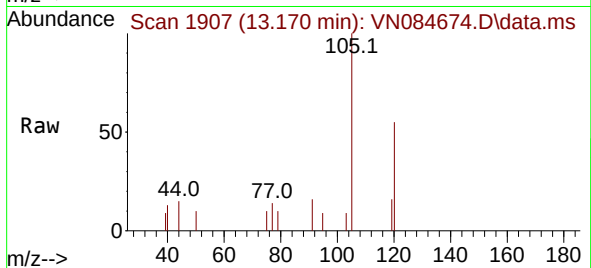




#80
 1,3,5-Trimethylbenzene
 Concen: 0.463 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

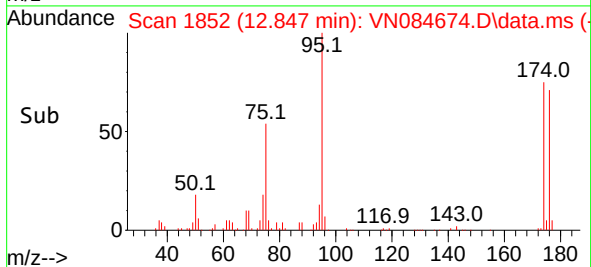
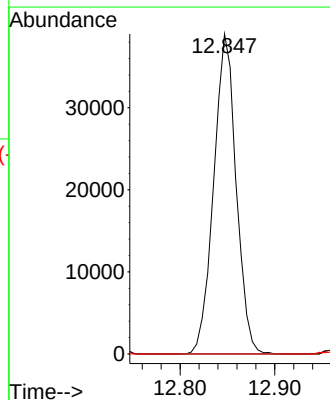
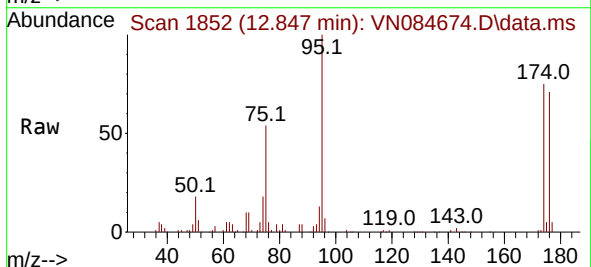
Instrument :
 MSVOA_N
 ClientSampleId :

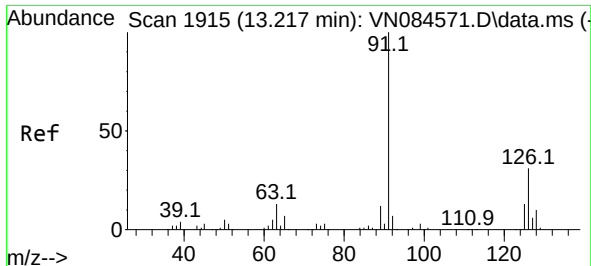
Tgt Ion:105 Resp: 2805
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.918 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Tgt Ion: 75 Resp: 64146
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

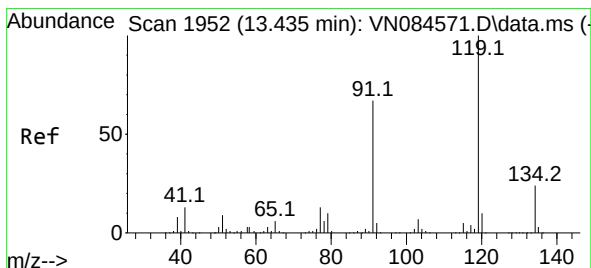
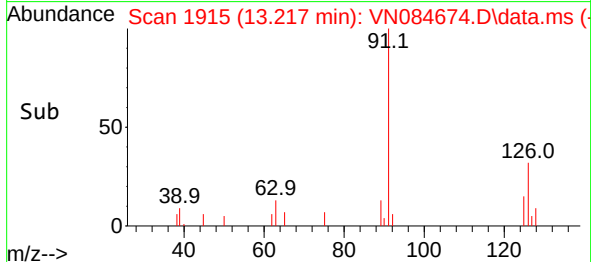
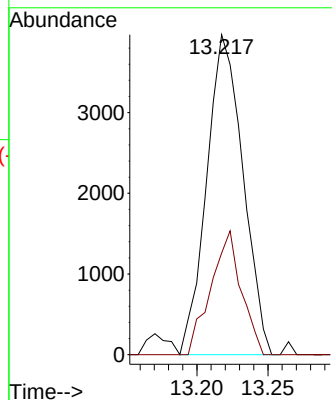
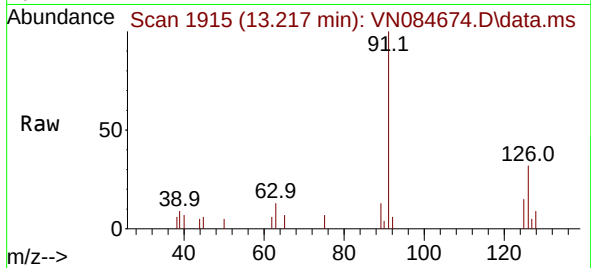




#82
4-Chlorotoluene
Concen: 1.196 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

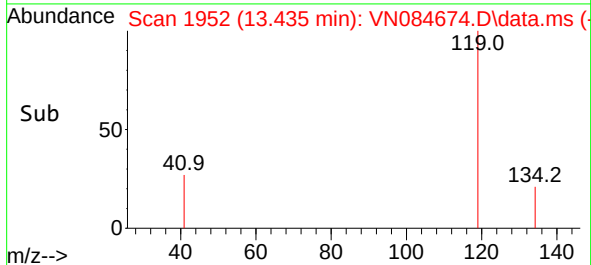
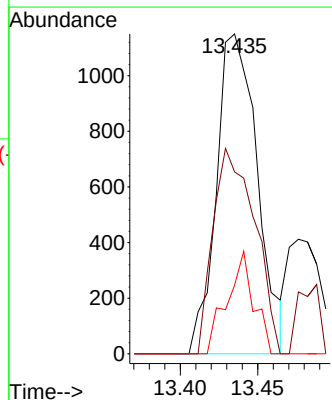
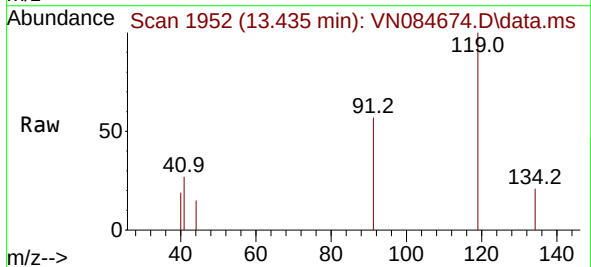
Instrument :
MSVOA_N
ClientSampleId :

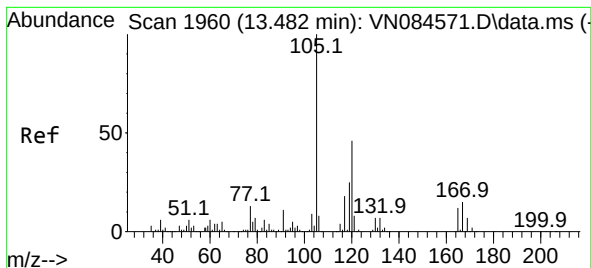
Tgt Ion: 91 Resp: 7053
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.421 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion: 119 Resp: 2112
Ion Ratio Lower Upper
119 100
91 65.5 34.1 102.3
134 20.9 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.519 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

Instrument :

MSVOA_N

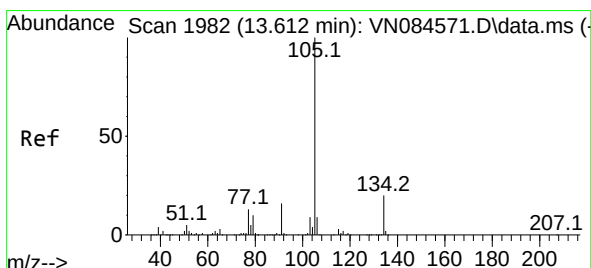
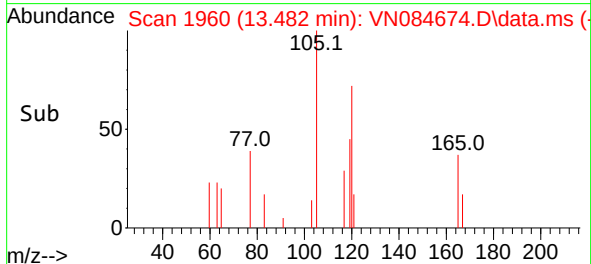
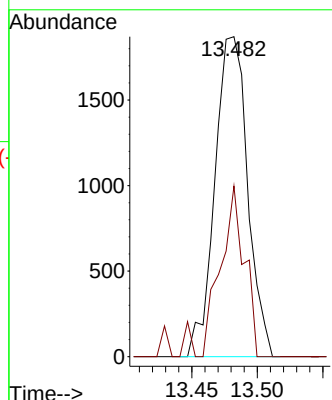
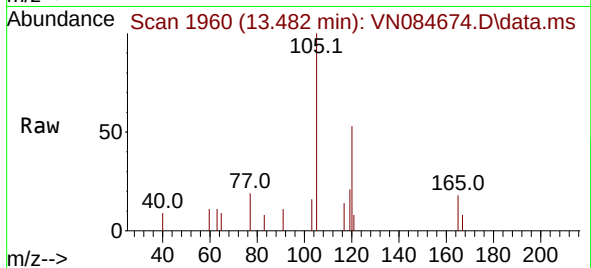
ClientSampleId :

Tgt Ion:105 Resp: 3246

Ion Ratio Lower Upper

105 100

120 39.1 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.622 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084674.D

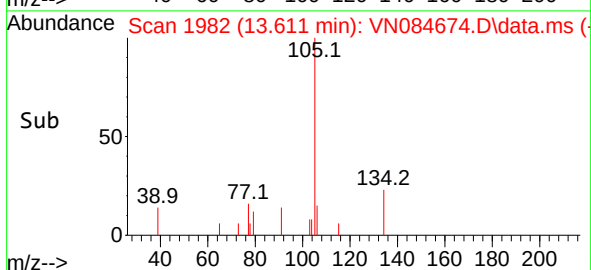
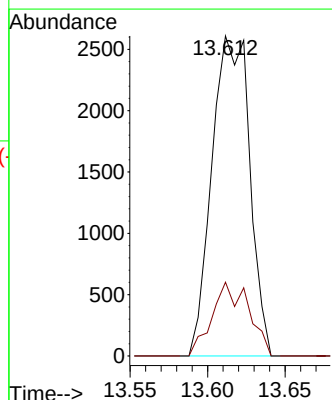
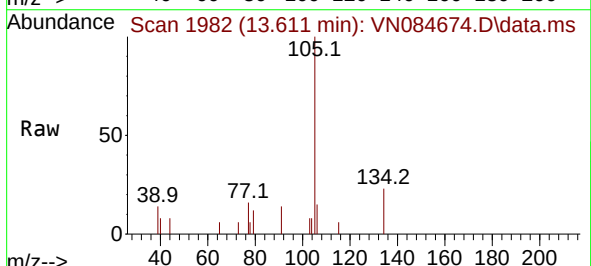
Acq: 05 Nov 2024 09:30

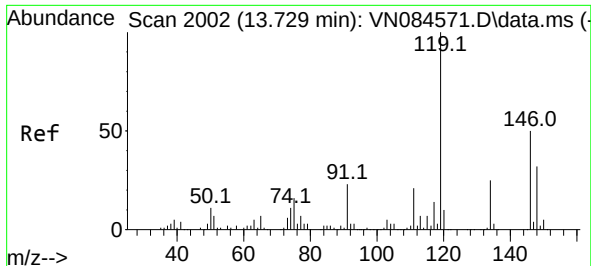
Tgt Ion:105 Resp: 4408

Ion Ratio Lower Upper

105 100

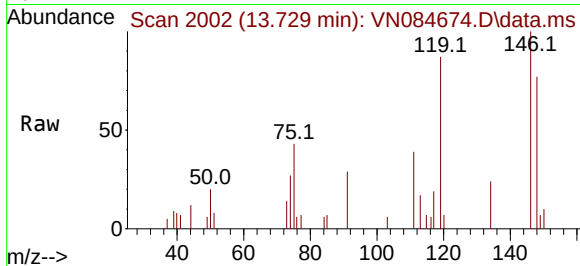
134 22.4 9.8 29.4



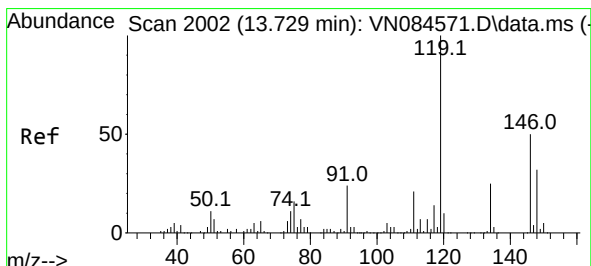
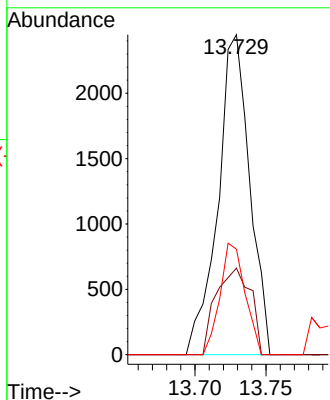
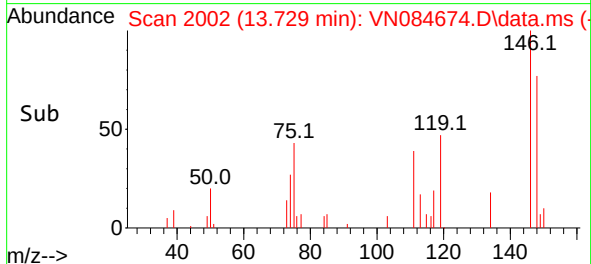


#86
 p-Isopropyltoluene
 Concen: 0.655 ug/l
 RT: 13.729 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

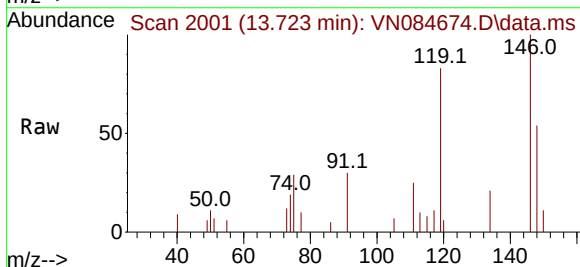
Instrument :
 MSVOA_N
 ClientSampleId :



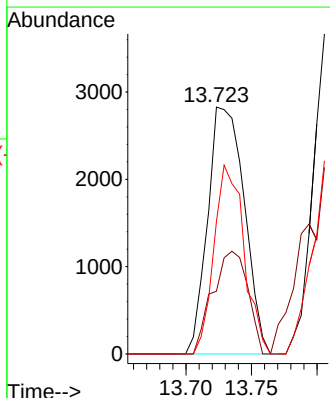
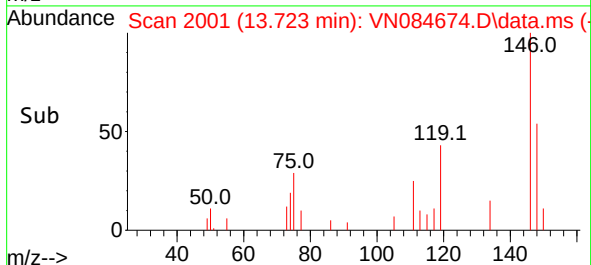
Tgt Ion:119 Resp: 3807
 Ion Ratio Lower Upper
 119 100
 134 29.4 12.6 37.8
 91 27.5 12.4 37.2

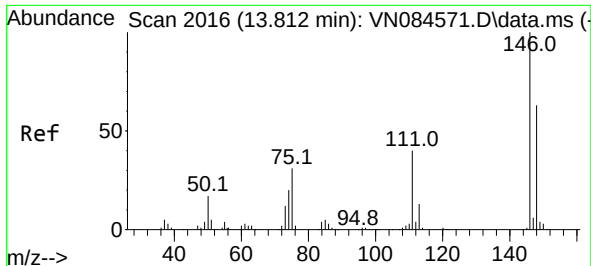


#87
 1,3-Dichlorobenzene
 Concen: 1.430 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30



Tgt Ion:146 Resp: 5490
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.8 65.3
 148 62.7 31.9 95.7

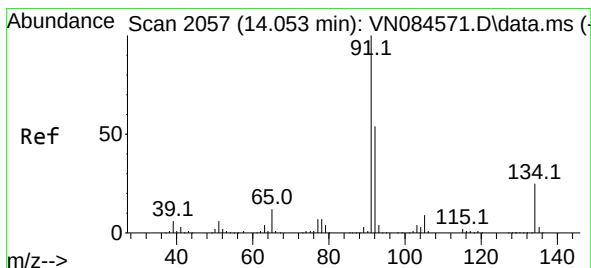
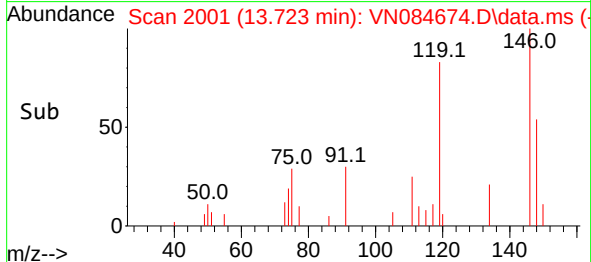
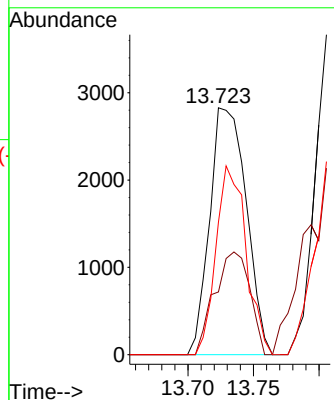
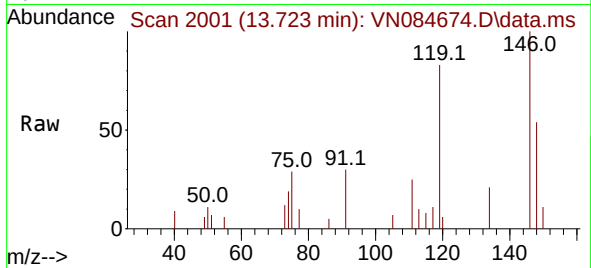




#88
 1,4-Dichlorobenzene
 Concen: 0.715 ug/l
 RT: 13.723 min Scan# 2016
 Delta R.T. -0.089 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

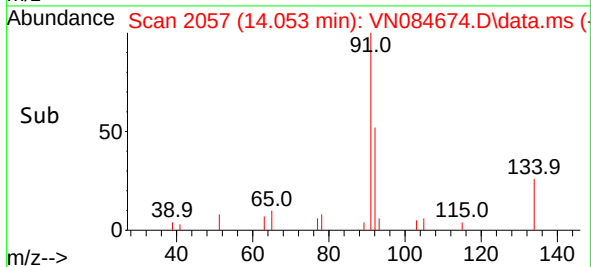
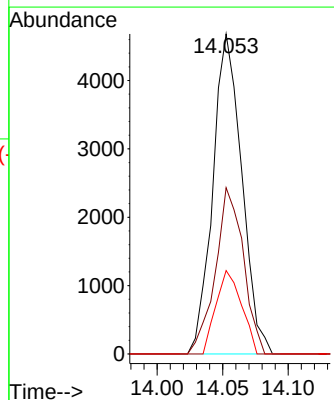
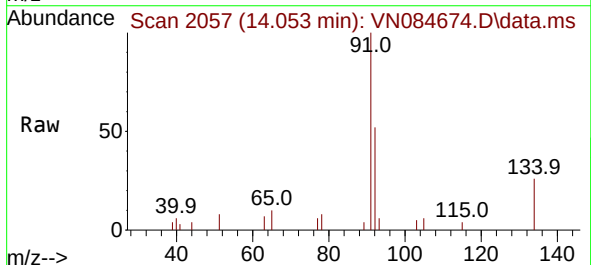
Instrument :
 MSVOA_N
 ClientSampleId :

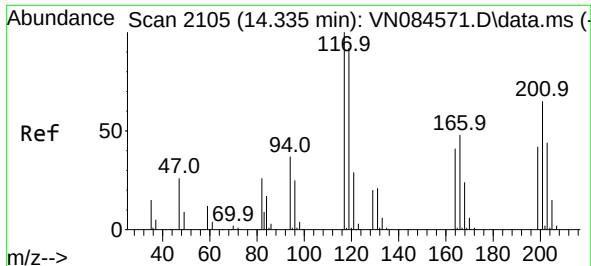
Tgt Ion:146 Resp: 5490
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.2 63.6
 148 62.7 31.9 95.9



#89
 n-Butylbenzene
 Concen: 1.320 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

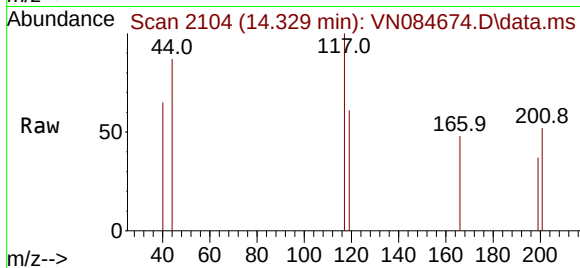
Tgt Ion: 91 Resp: 7180
 Ion Ratio Lower Upper
 91 100
 92 50.1 26.6 79.7
 134 23.0 12.3 36.9



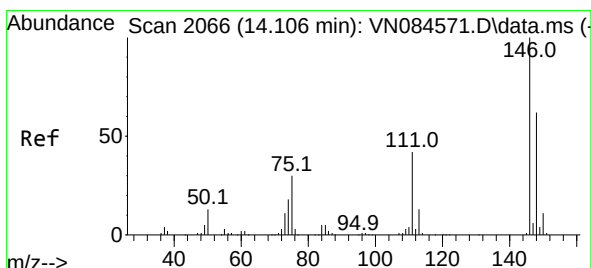
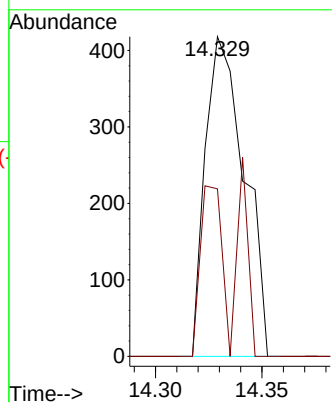
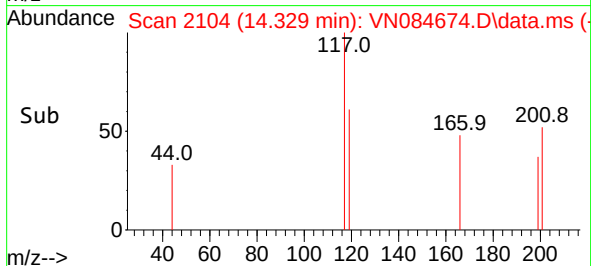


#90
Hexachloroethane
Concen: 0.411 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :

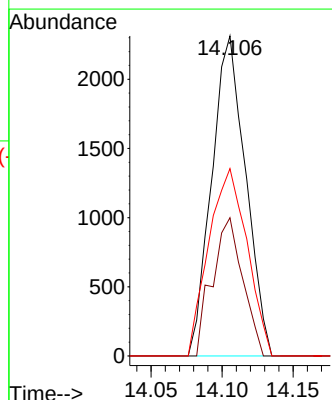
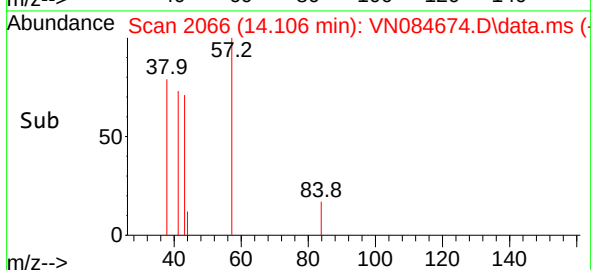
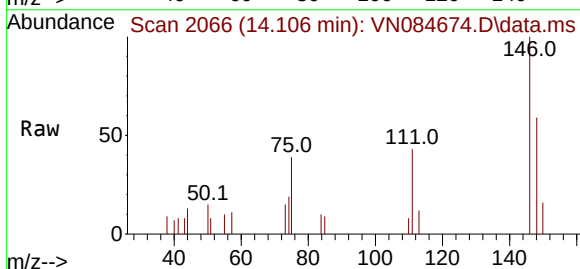


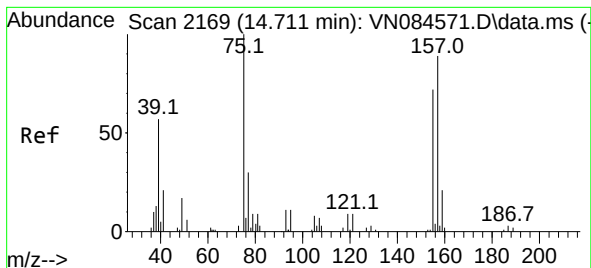
Tgt Ion:117 Resp: 533
Ion Ratio Lower Upper
117 100
201 29.3 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 1.042 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084674.D
Acq: 05 Nov 2024 09:30

Tgt Ion:146 Resp: 3845
Ion Ratio Lower Upper
146 100
111 38.9 22.0 66.0
148 66.3 32.1 96.3

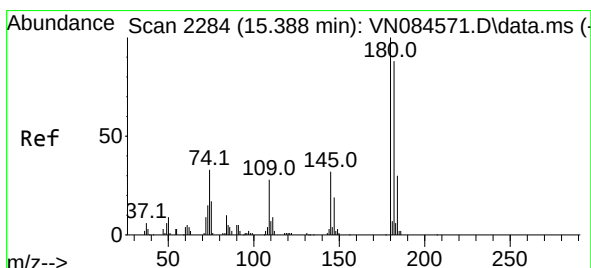
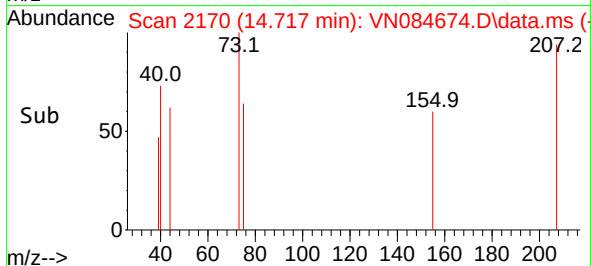
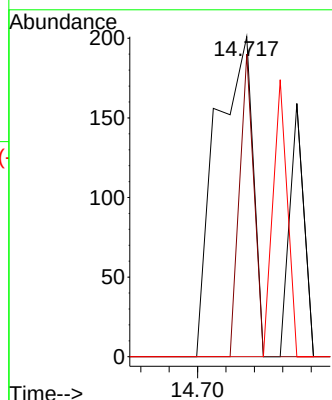
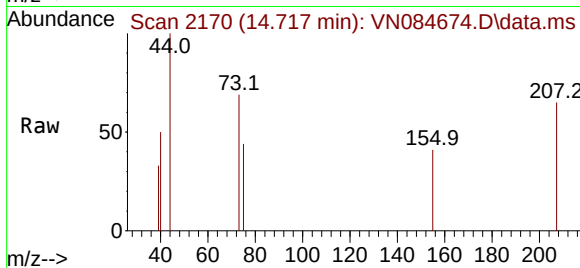




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.364 ug/l
 RT: 14.717 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

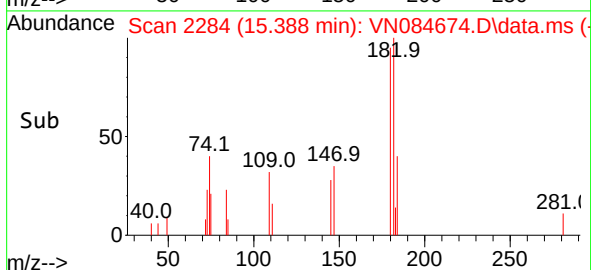
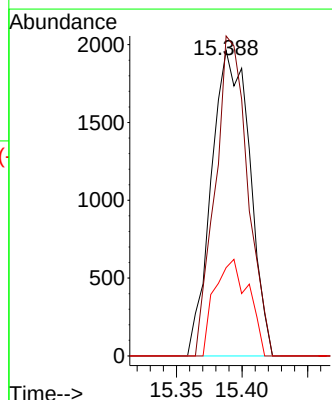
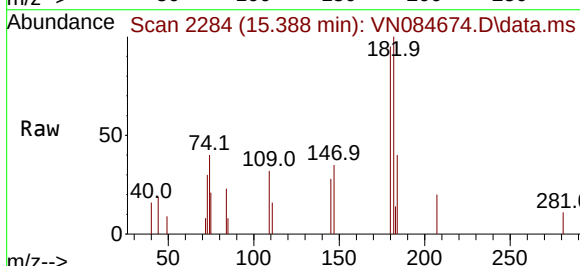
Instrument :
 MSVOA_N
 ClientSampleId :

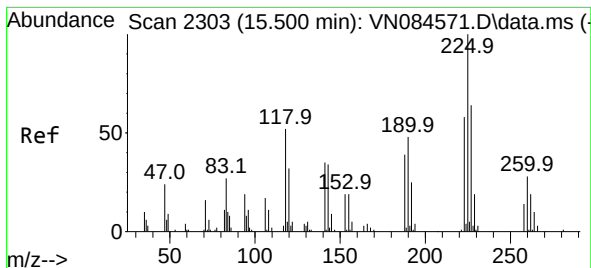
Tgt Ion: 75 Resp: 180
 Ion Ratio Lower Upper
 75 100
 155 37.2 38.1 114.5#
 157 0.0 49.6 149.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.973 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Tgt Ion: 180 Resp: 3984
 Ion Ratio Lower Upper
 180 100
 182 89.1 47.0 141.0
 145 28.0 16.4 49.4





#94

Hexachlorobutadiene

Concen: 1.476 ug/l

RT: 15.494 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

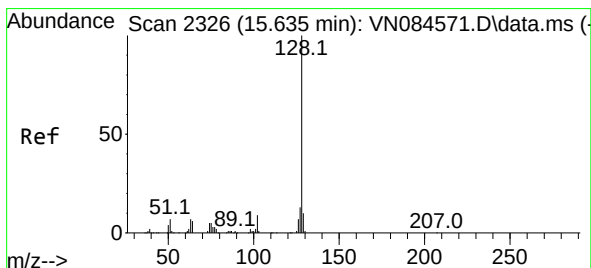
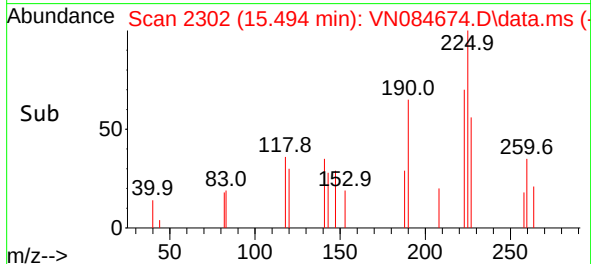
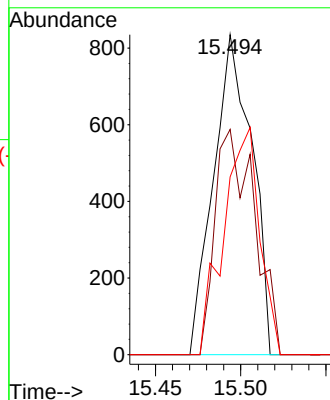
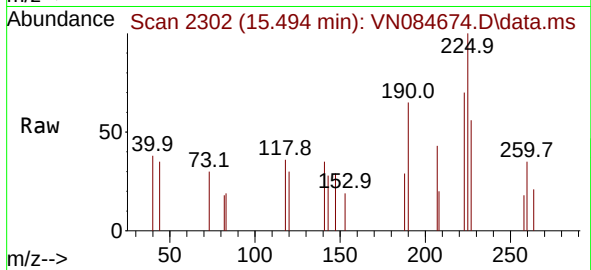
Tgt Ion:225 Resp: 1309

Ion Ratio Lower Upper

225 100

223 72.1 32.4 97.2

227 66.8 32.4 97.0



#95

Naphthalene

Concen: 2.249 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084674.D

Acq: 05 Nov 2024 09:30

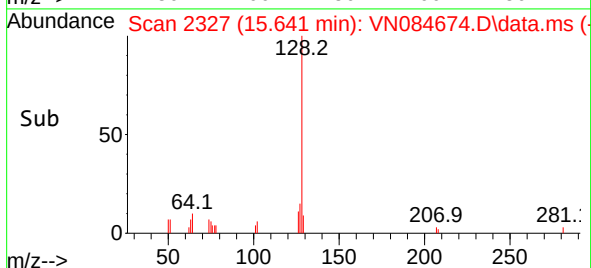
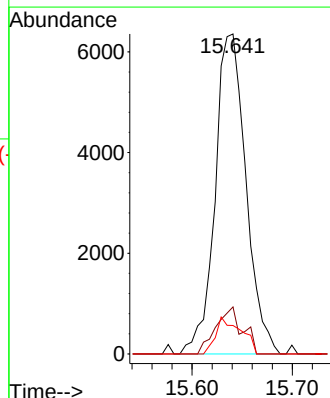
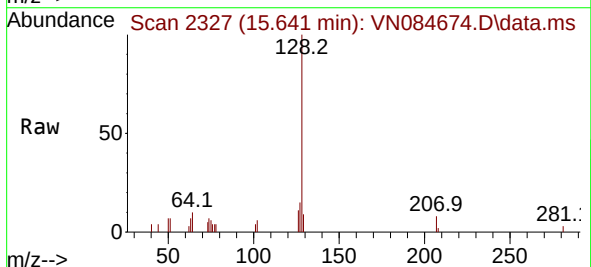
Tgt Ion:128 Resp: 13588

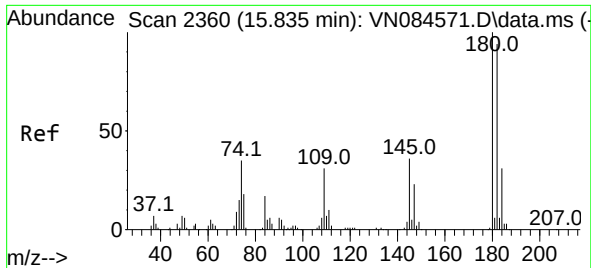
Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

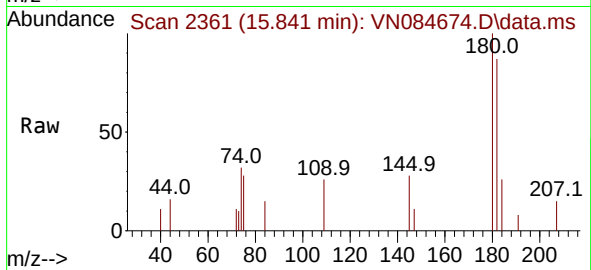
129 9.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.071 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084674.D
 Acq: 05 Nov 2024 09:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	4059
Ion Ratio	Lower	Upper	
180	100		
182	87.4	48.2	144.6
145	13.9	17.3	51.9#

