

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084971.D
 Acq On : 20 Nov 2024 16:09
 Operator : JC\MD
 Sample : P4893-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 00:41:24 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	148479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110829	51.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.360%
35) Dibromofluoromethane	8.165	113	88032	47.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	10.565	98	322225	47.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.500%
62) 4-Bromofluorobenzene	12.847	95	123285	48.372	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	590	Below Cal	#	41
5) Bromomethane	2.901	94	422	0.434	ug/l	88
6) Chloroethane	3.118	64	155	Below Cal	#	45
11) Tert butyl alcohol	5.530	59	394	1.392	ug/l	# 73
16) Acetone	4.436	43	18966	28.084	ug/l	92
17) Carbon Disulfide	4.694	76	1507	0.289	ug/l	# 75
18) Methyl Acetate	5.030	43	4552	Below Cal	#	65
20) Methylene Chloride	5.265	84	1322	0.701	ug/l	# 69
25) 2-Butanone	7.483	43	2978	2.977	ug/l	93
29) Tetrahydrofuran	7.847	42	455	0.686	ug/l	# 64
31) Cyclohexane	8.218	56	3247	1.097	ug/l	# 1
36) 1,1-Dichloropropene	8.218	75	12257	4.774	ug/l	# 51
37) Ethyl Acetate	7.565	43	2818	1.210	ug/l	# 79
38) Carbon Tetrachloride	8.224	117	15909	5.544	ug/l	# 16
42) 1,2-Dichloroethane	8.677	62	762	0.285	ug/l	# 75
43) Isopropyl Acetate	8.688	43	148181	34.126	ug/l	# 81
44) Trichloroethene	9.347	130	532	0.280	ug/l	95
45) 1,2-Dichloropropane	9.741	63	1222	0.632	ug/l	# 44
48) Methyl methacrylate	9.671	41	2655	1.464	ug/l	# 13
51) 4-Methyl-2-Pentanone	10.441	43	8448	3.804	ug/l	# 72
53) t-1,3-Dichloropropene	10.835	75	819	0.275	ug/l	97
54) cis-1,3-Dichloropropene	10.359	75	33042	10.483	ug/l	# 62
57) 1,3-Dichloropropane	11.200	76	4759	1.527	ug/l	# 42
59) 2-Hexanone	11.200	43	54683	33.830	ug/l	# 56
65) Chlorobenzene	11.888	112	1406	0.250	ug/l	# 71
68) m/p-Xylenes	12.065	106	1474	0.414	ug/l	98
70) Styrene	12.406	104	1587	0.273	ug/l	95
74) N-amyl acetate	12.488	43	1041	0.332	ug/l	# 51
76) 1,2,3-Trichloropropane	12.847	75	63443	30.222	ug/l	# 1
77) Bromobenzene	12.976	156	921	0.466	ug/l	89
78) n-propylbenzene	13.035	91	2962	0.343	ug/l	94
79) 2-Chlorotoluene	13.129	91	1956	0.347	ug/l	87
80) 1,3,5-Trimethylbenzene	13.170	105	1621	0.266	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.847	75	63443	71.698	ug/l	# 11
82) 4-Chlorotoluene	13.217	91	2843	0.479	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1878	0.298	ug/l	87

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

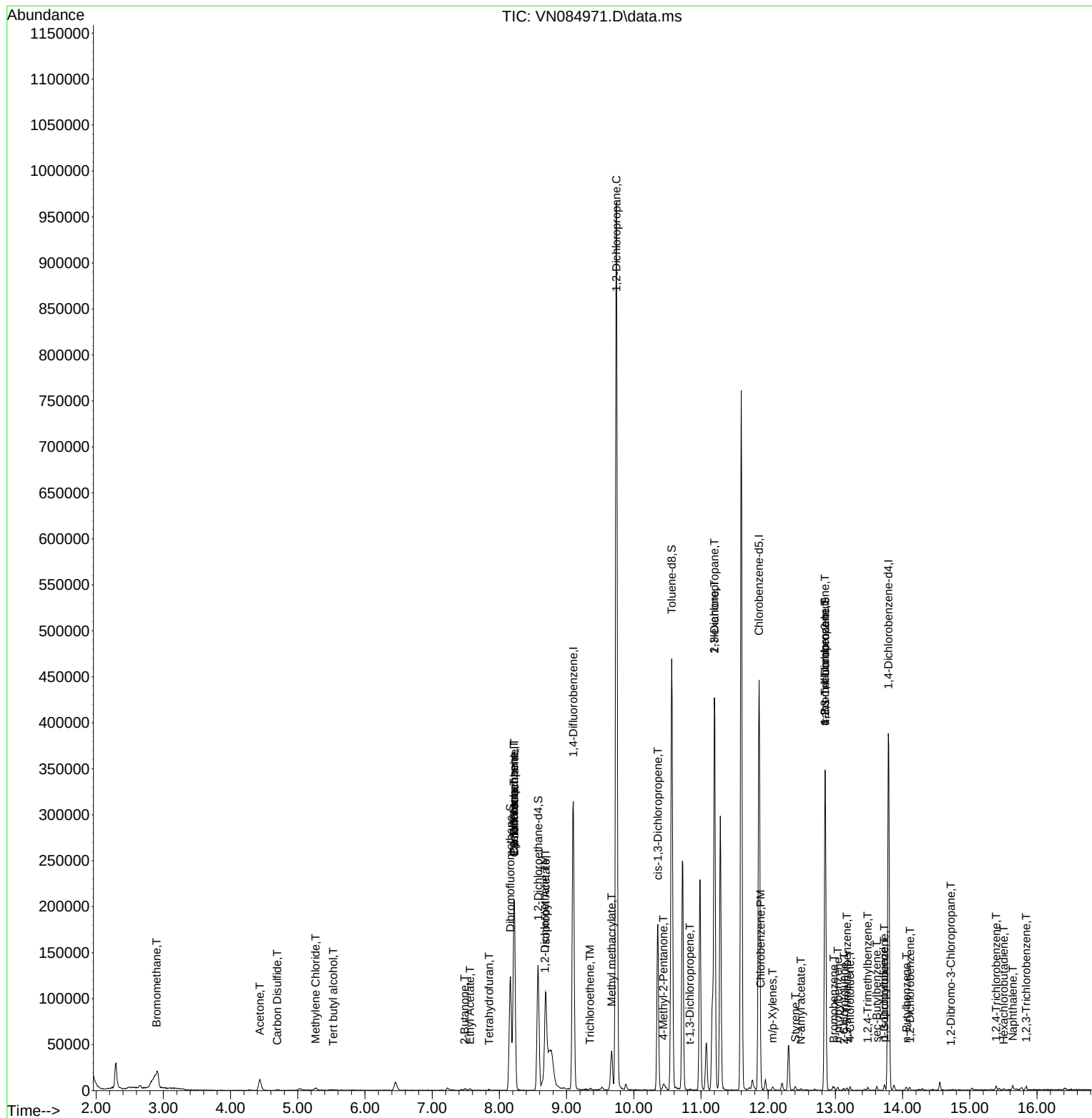
85) sec-Butylbenzene	13.617	105	1989	0.279	ug/l	100
86) p-Isopropyltoluene	13.723	119	1561	0.267	ug/l	88
87) 1,3-Dichlorobenzene	13.729	146	2000	0.518	ug/l	98
88) 1,4-Dichlorobenzene	13.729	146	2000	Below Cal		97
89) n-Butylbenzene	14.059	91	2686	0.491	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	1711	0.461	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.717	75	128	0.257	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.394	180	1566	0.771	ug/l	99
94) Hexachlorobutadiene	15.506	225	426	0.478	ug/l	90
95) Naphthalene	15.641	128	5276	0.868	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	1497	0.759	ug/l	94

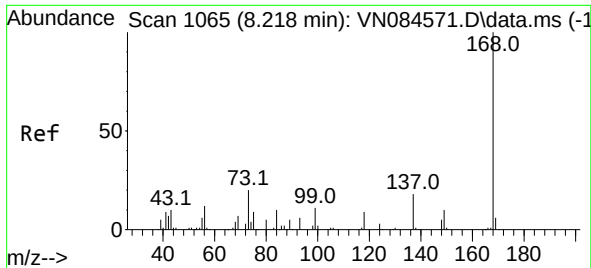
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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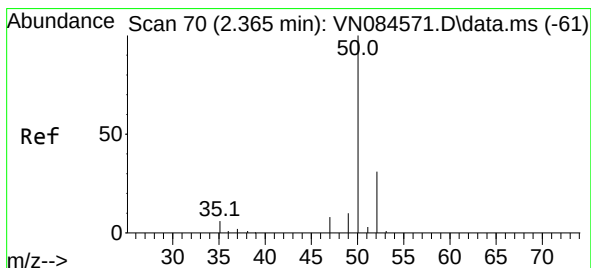
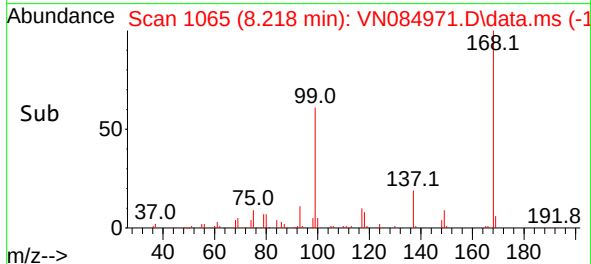
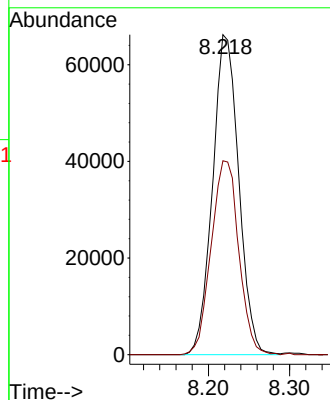
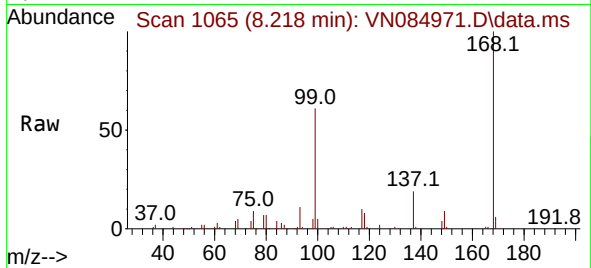




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

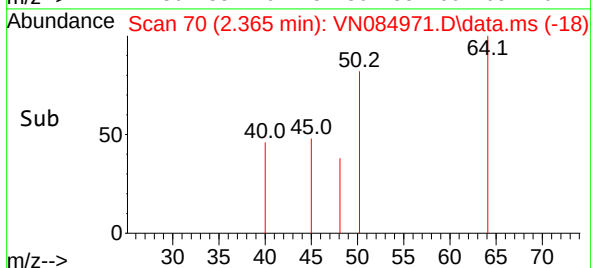
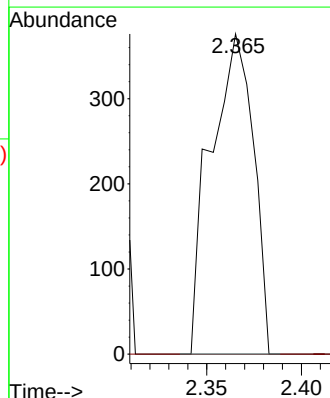
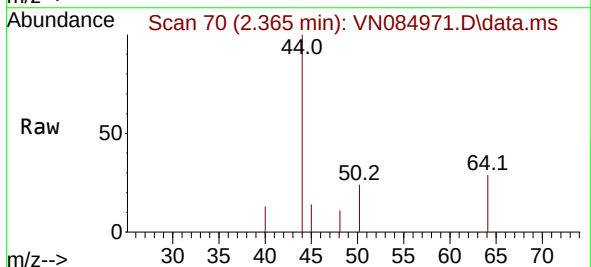
Instrument :
MSVOA_N
ClientSampleId :

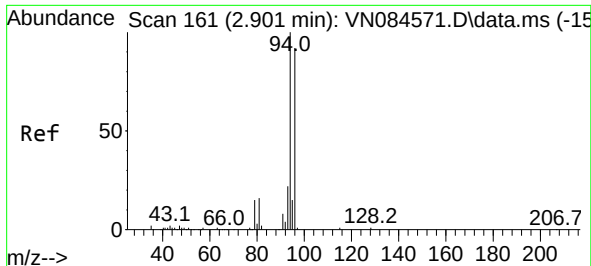
Tgt Ion:168 Resp: 148479
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

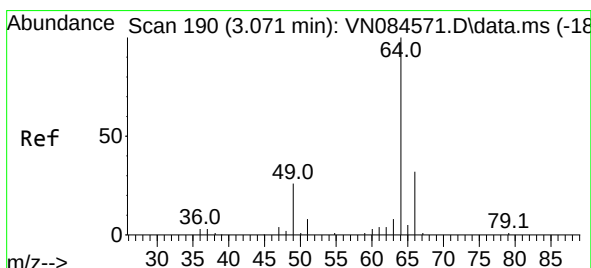
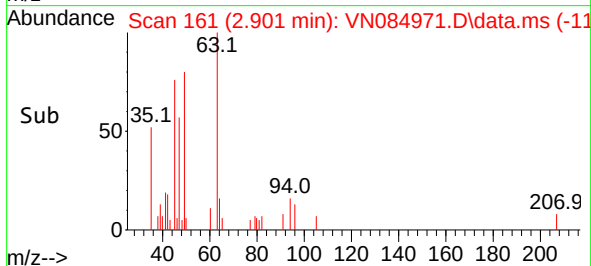
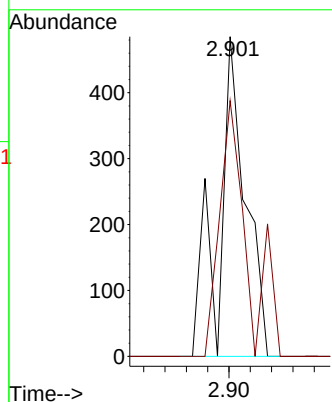
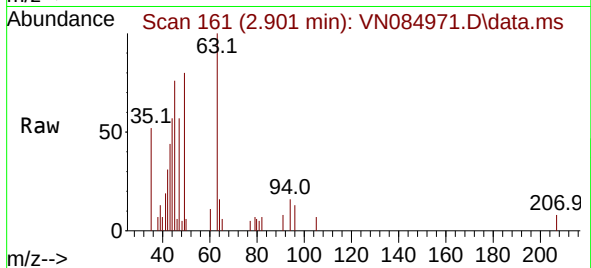




#5
Bromomethane
Concen: 0.434 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

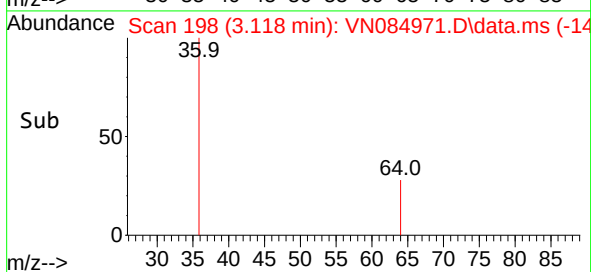
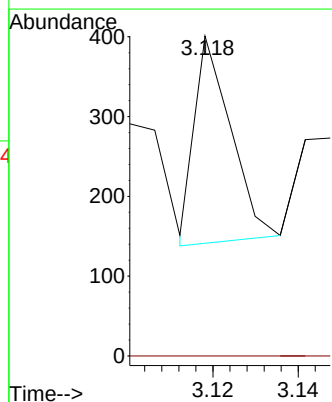
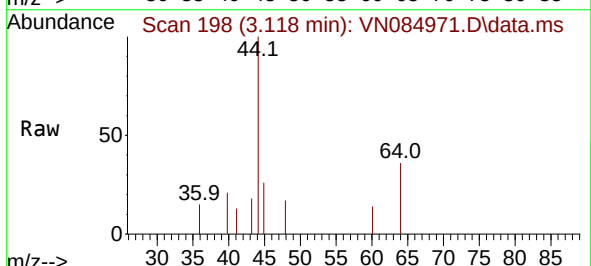
Instrument :
MSVOA_N
ClientSampleId :

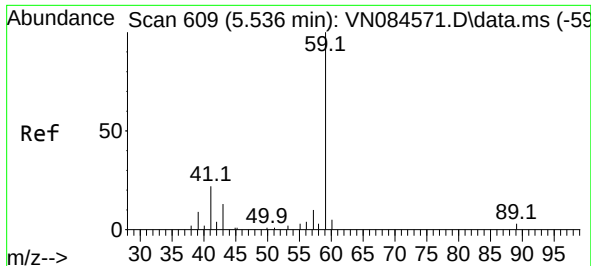
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 80.0 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

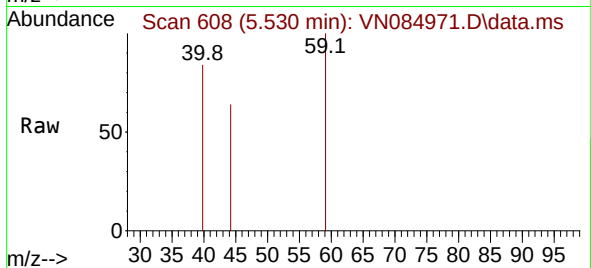
Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



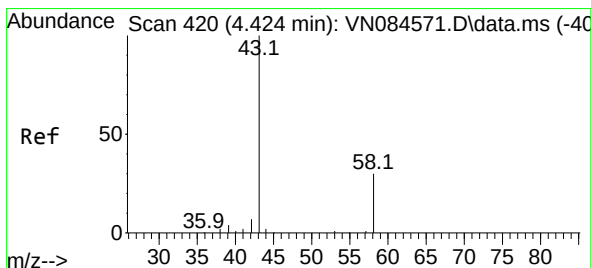
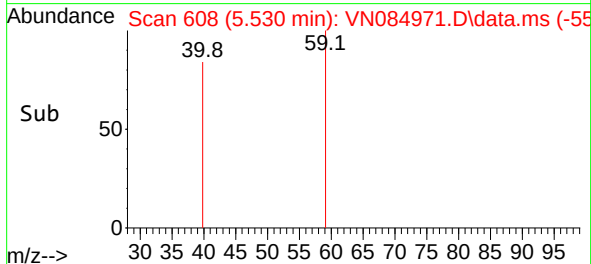
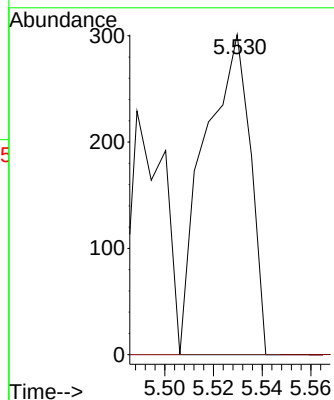


#11
Tert butyl alcohol
Concen: 1.392 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

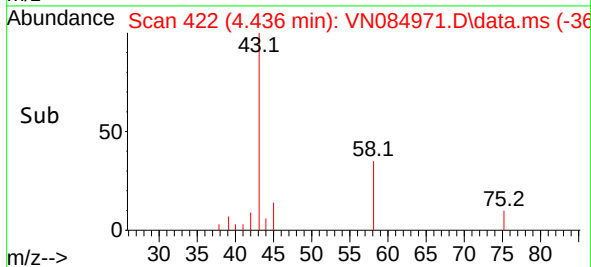
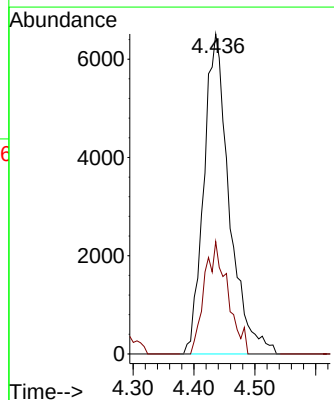
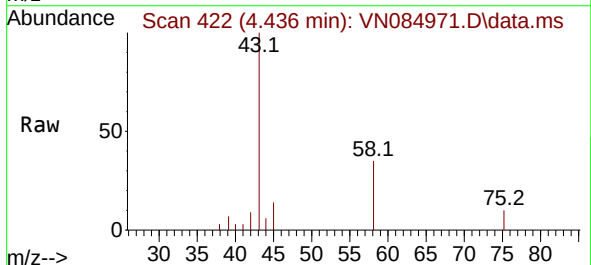


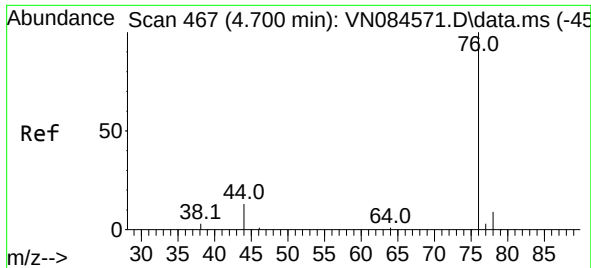
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 28.084 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 43 Resp: 18966
Ion Ratio Lower Upper
43 100
58 35.1 24.4 36.6

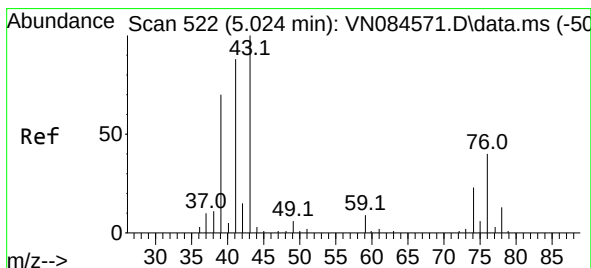
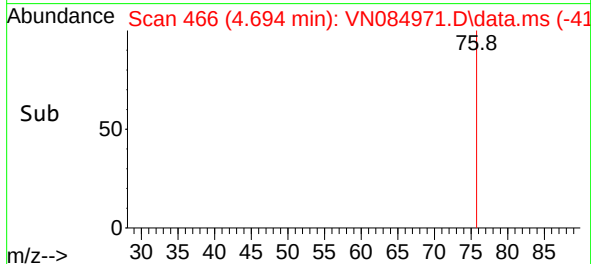
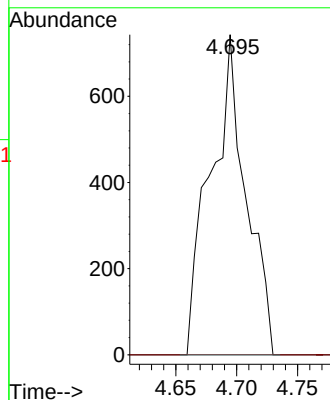
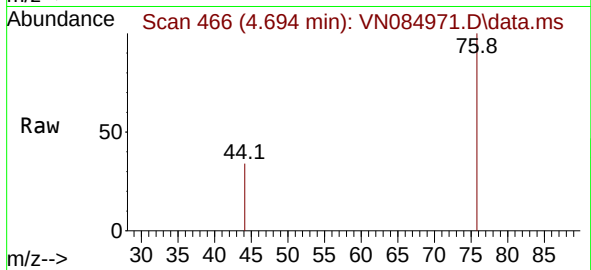




#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

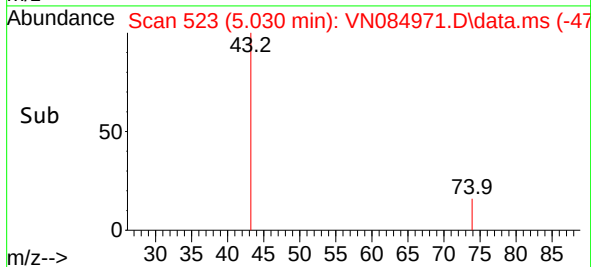
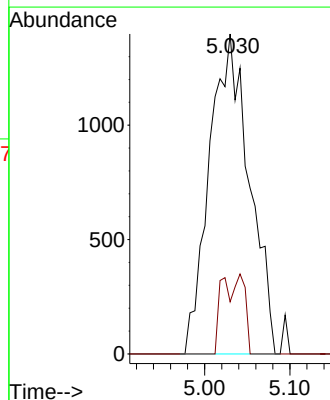
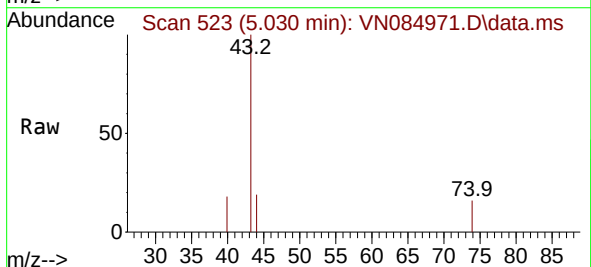
Instrument :
MSVOA_N
ClientSampleId :

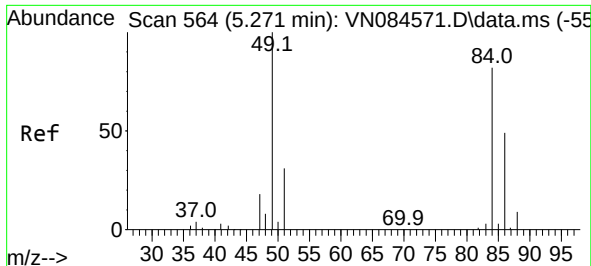
Tgt Ion: 76 Resp: 1507
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

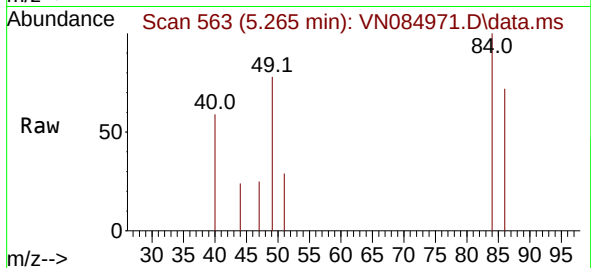
Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
74 6.9 19.2 28.8#



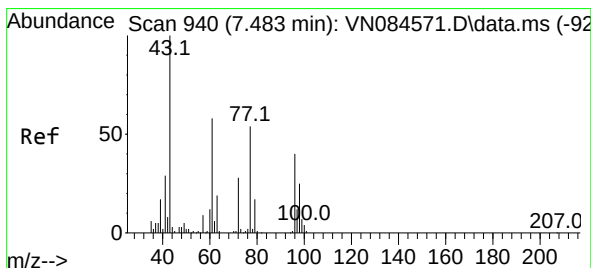
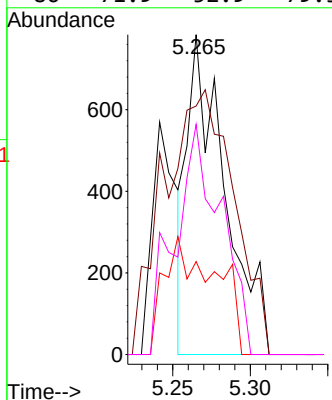
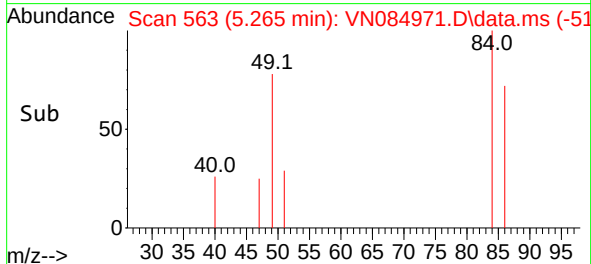


#20
Methylene Chloride
Concen: 0.701 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

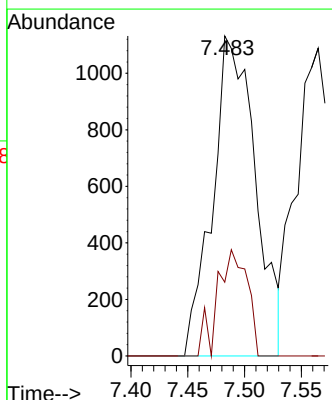
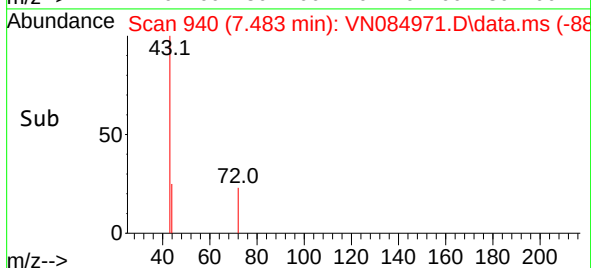
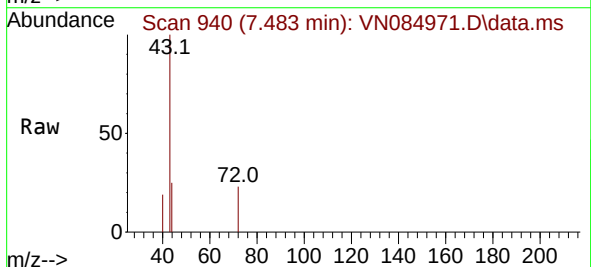


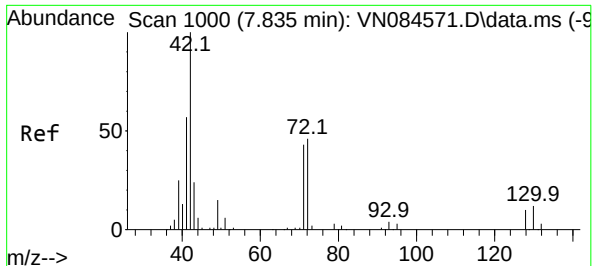
Tgt Ion:	84	Resp:	1322
Ion	Ratio	Lower	Upper
84	100		
49	77.7	107.2	160.8#
51	29.1	31.8	47.8#
86	71.9	52.9	79.3



#25
2-Butanone
Concen: 2.977 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084971.D
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Tgt Ion:	43	Resp:	2978
Ion	Ratio	Lower	Upper
43	100		
72	23.1	21.4	32.2





#29

Tetrahydrofuran

Concen: 0.686 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.012 min

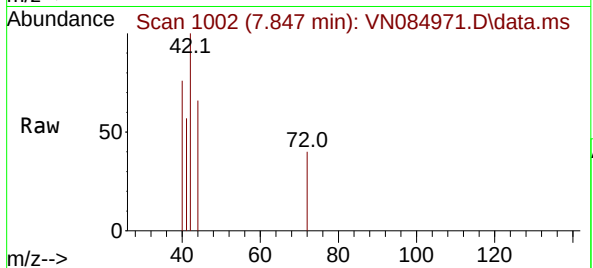
Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

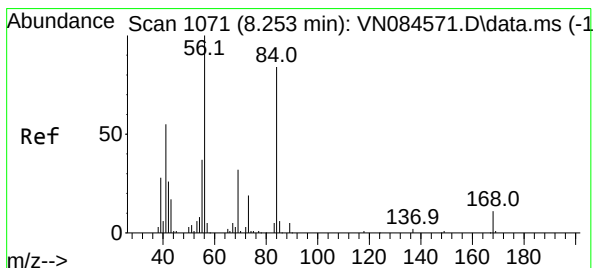
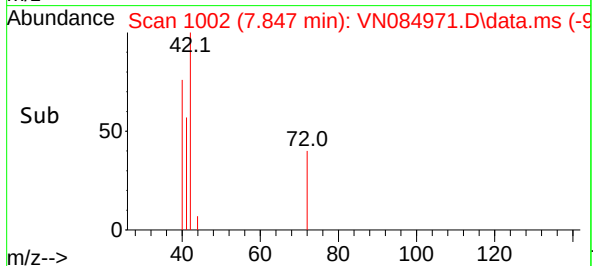
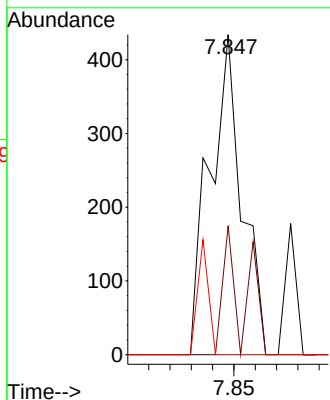
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	72	71	Resp:	455
Ion Ratio	100	25.5	12.1	Lower	Upper
				34.6	51.8#
				32.2	48.4#



#31

Cyclohexane

Concen: 1.097 ug/l

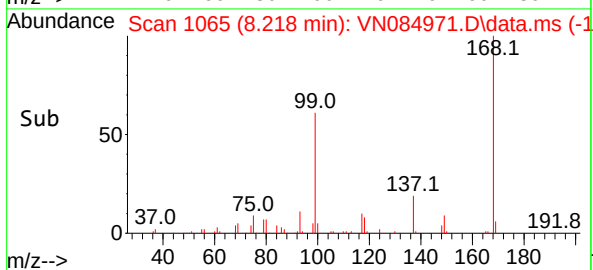
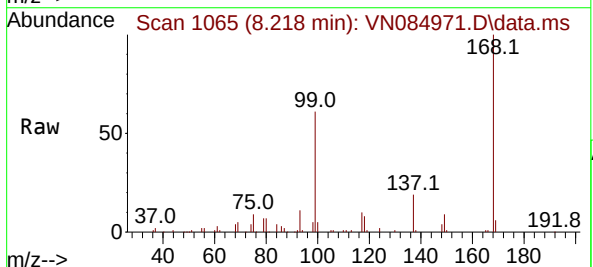
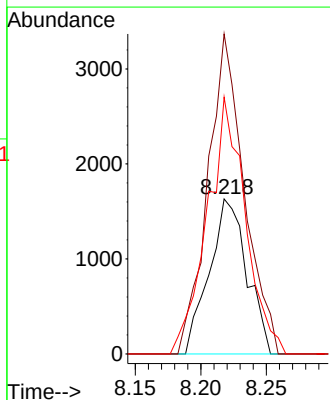
RT: 8.218 min Scan# 1065

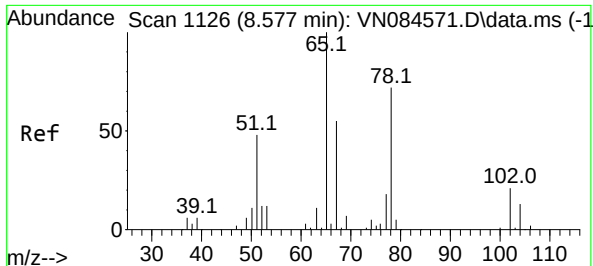
Delta R.T. -0.035 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Tgt Ion:	56	69	84	Resp:	3247
Ion Ratio	100	206.4	155.1	Lower	Upper
				23.8	35.6#
				68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 51.680 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

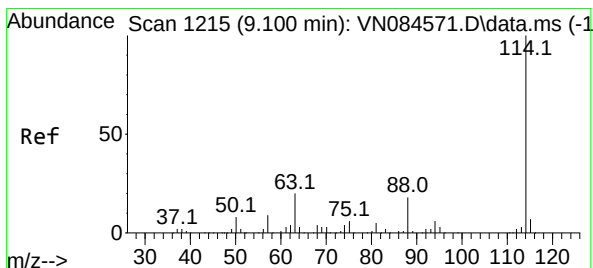
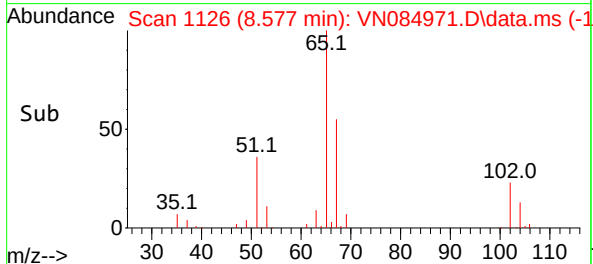
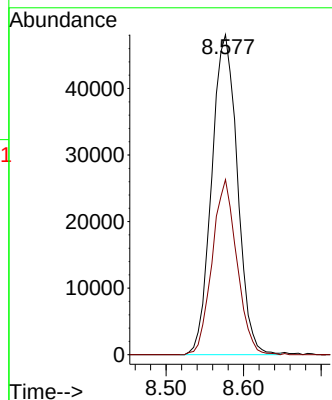
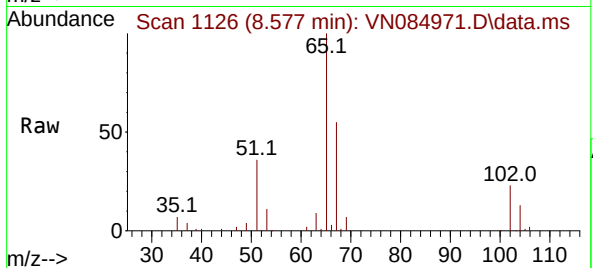
ClientSampleId :

Tgt Ion: 65 Resp: 110829

Ion Ratio Lower Upper

65 100

67 52.6 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: VN084971.D

Acq: 20 Nov 2024 16:09

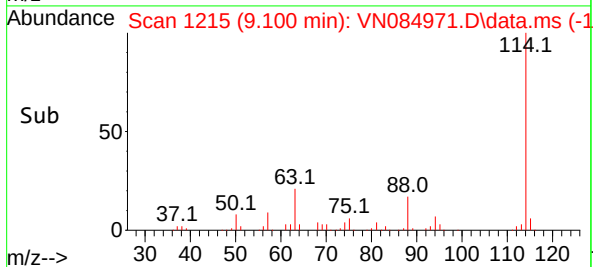
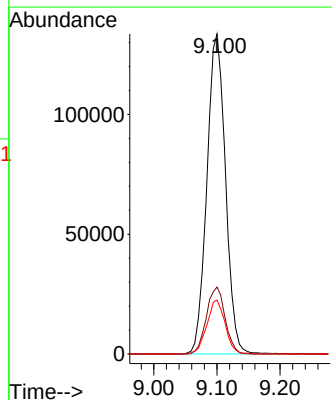
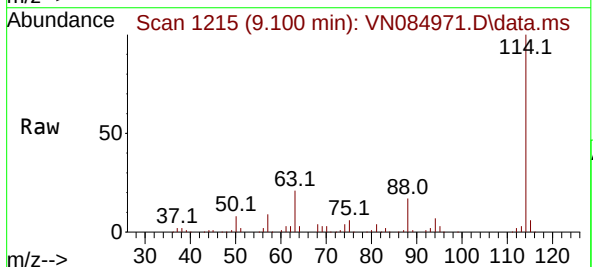
Tgt Ion: 114 Resp: 273504

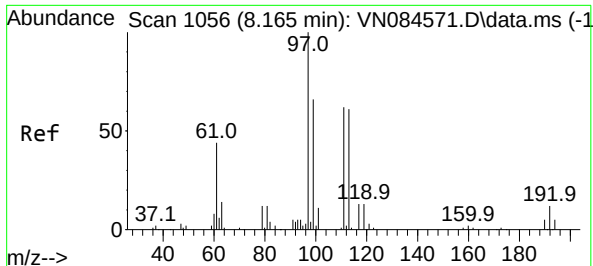
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.552 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

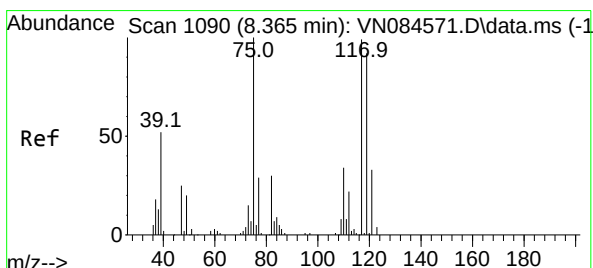
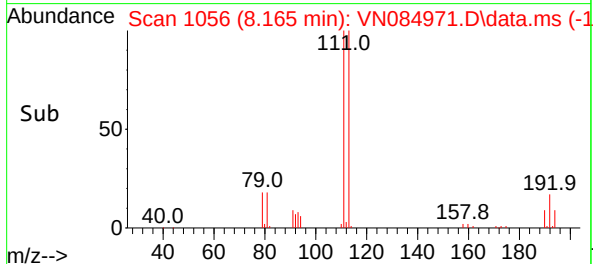
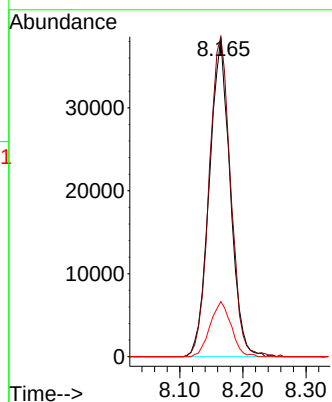
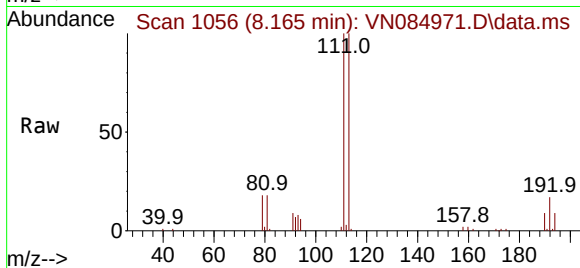
Tgt Ion:113 Resp: 88032

Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 17.5 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

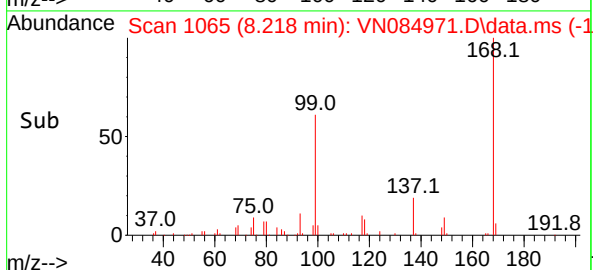
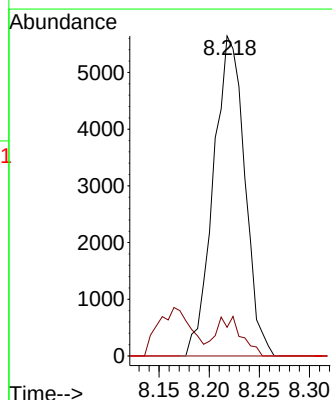
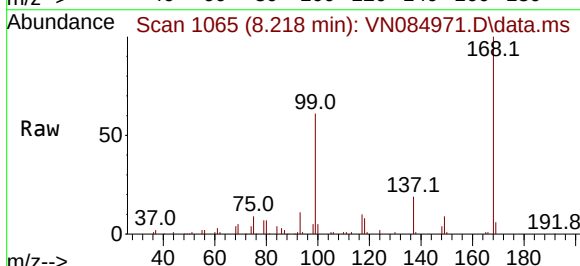
Tgt Ion: 75 Resp: 12257

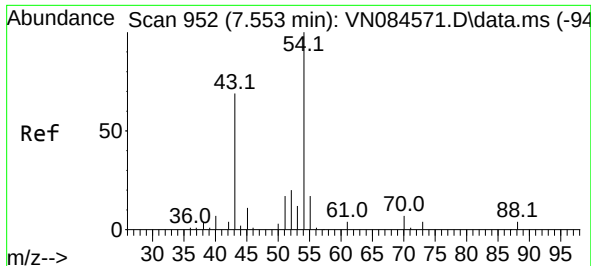
Ion Ratio Lower Upper

75 100

110 10.1 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.210 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

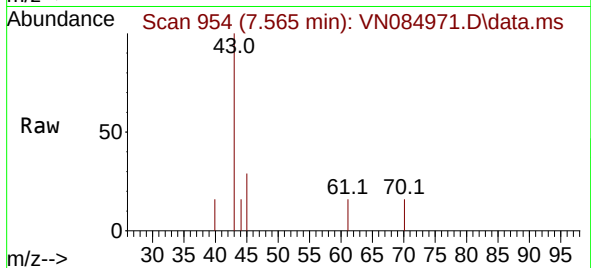
Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :



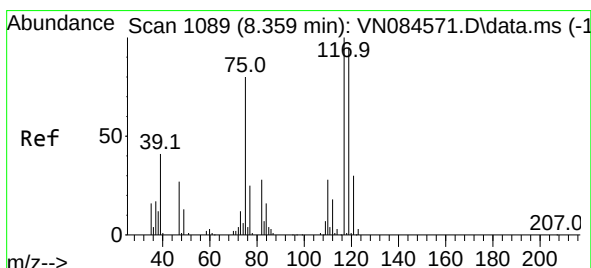
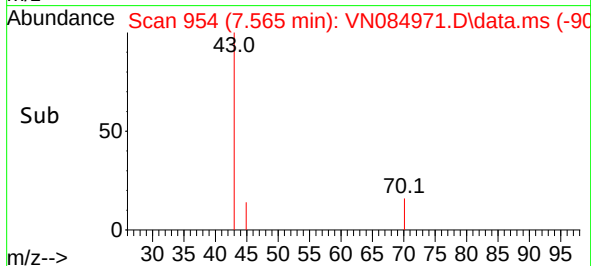
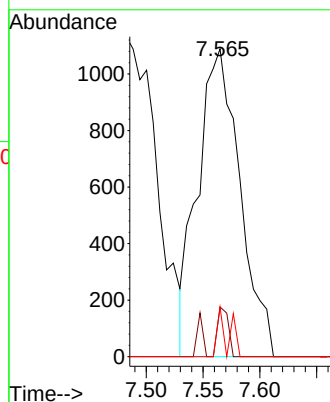
Tgt Ion: 43 Resp: 2818

Ion Ratio Lower Upper

43 100

61 4.1 10.7 16.1#

70 4.1 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.544 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

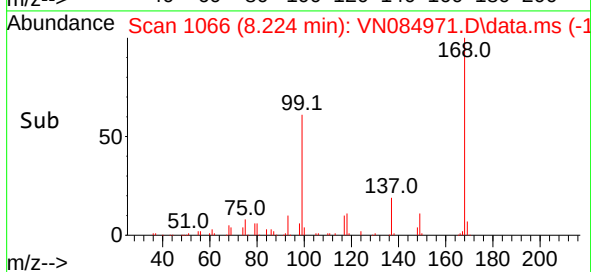
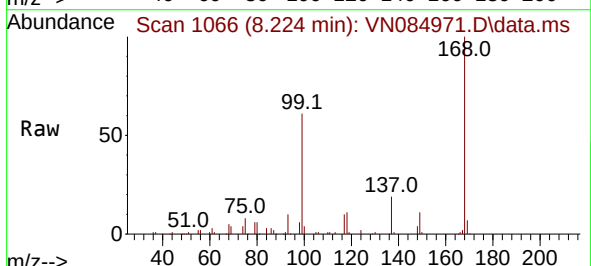
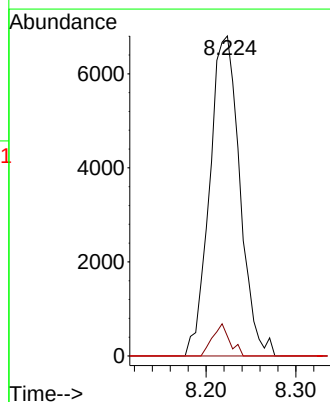
Tgt Ion: 117 Resp: 15909

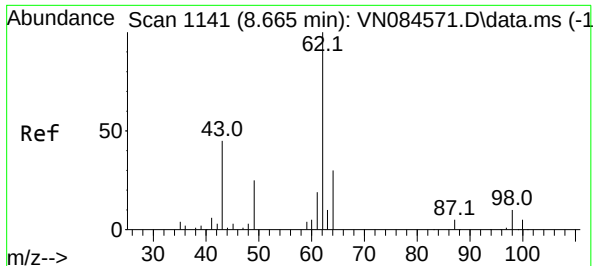
Ion Ratio Lower Upper

117 100

119 6.1 78.7 118.1#

121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.285 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

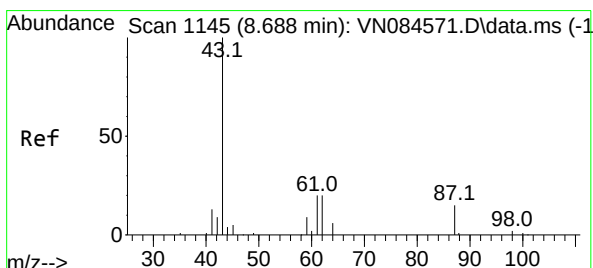
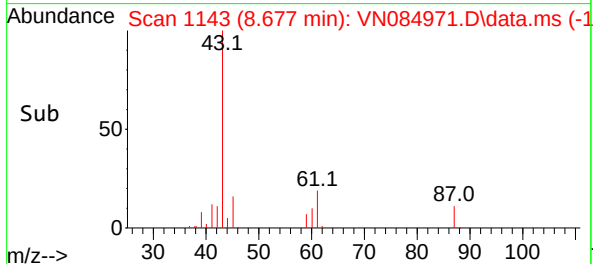
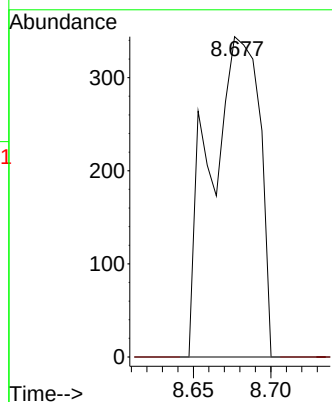
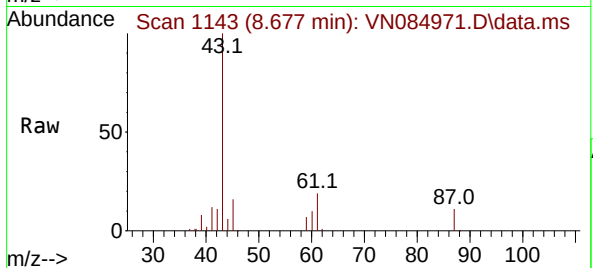
ClientSampleId :

Tgt Ion: 62 Resp: 762

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 34.126 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

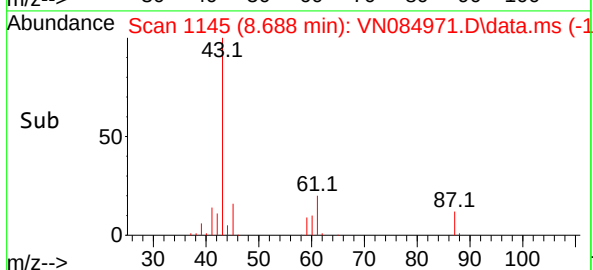
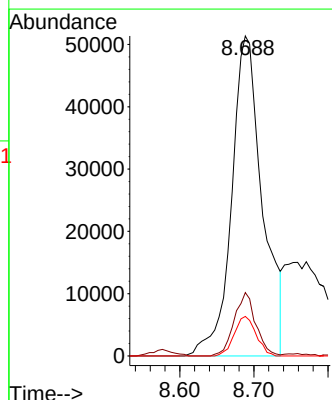
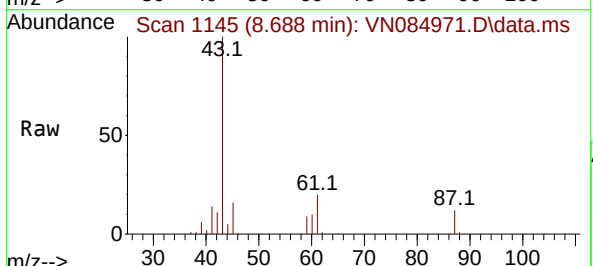
Tgt Ion: 43 Resp: 148181

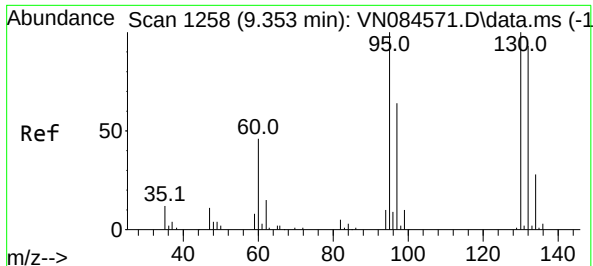
Ion Ratio Lower Upper

43 100

61 13.9 20.4 30.6#

87 8.8 10.3 15.5#

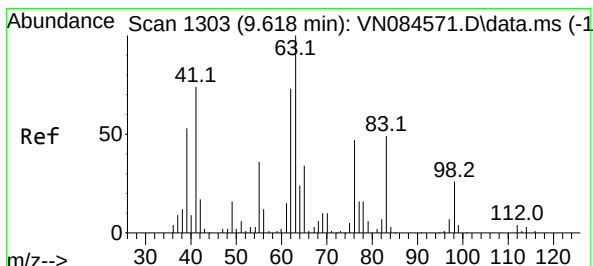
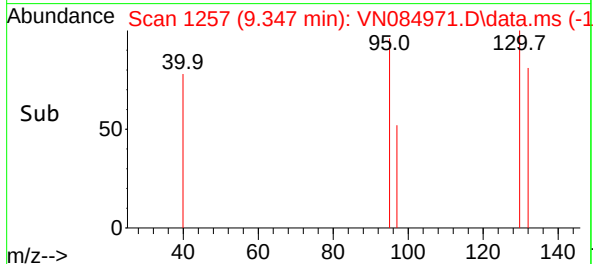
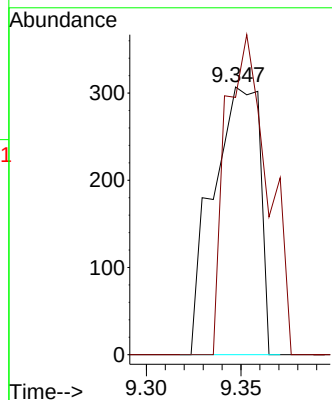
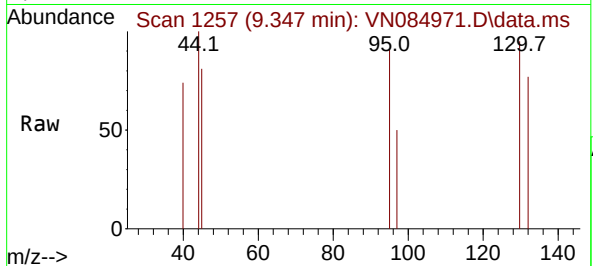




#44
Trichloroethene
Concen: 0.280 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

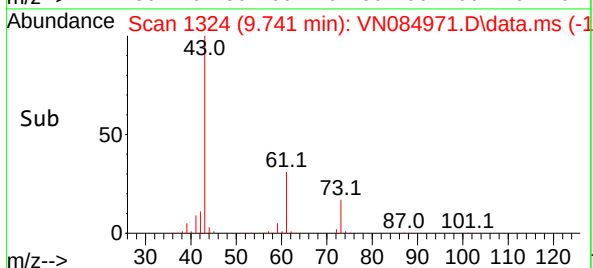
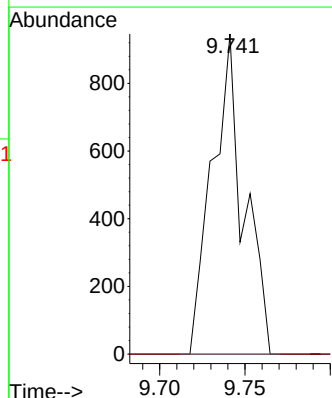
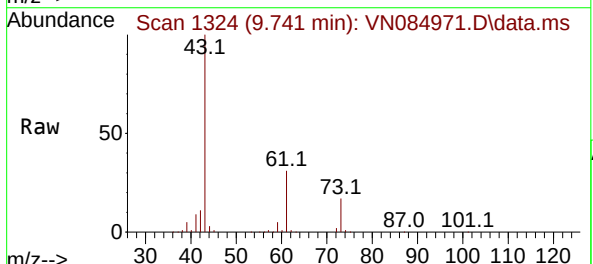
Instrument :
MSVOA_N
ClientSampleId :

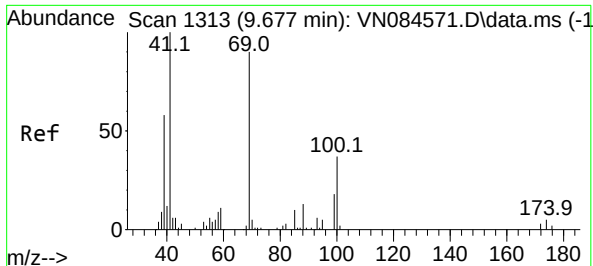
Tgt Ion:130 Resp: 532
Ion Ratio Lower Upper
130 100
95 96.1 0.0 203.0



#45
1,2-Dichloropropane
Concen: 0.632 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 63 Resp: 1222
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#

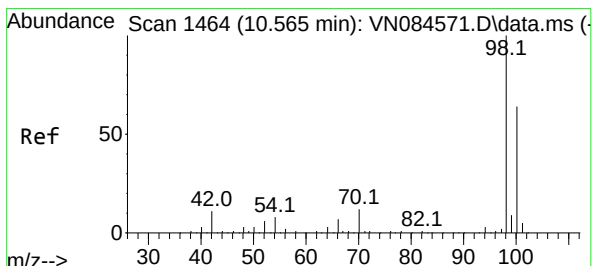
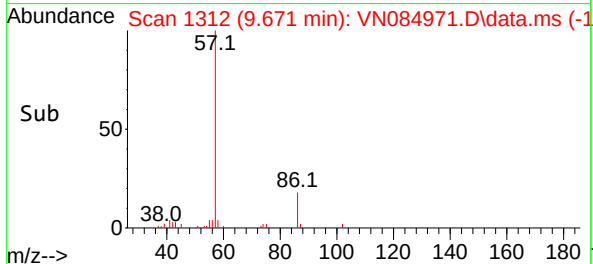
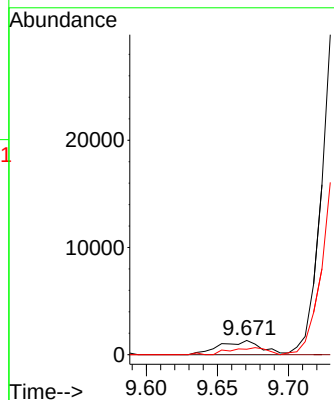
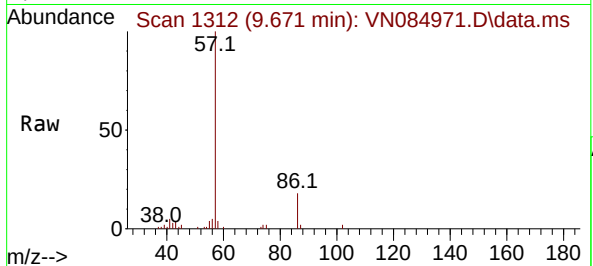




#48
Methyl methacrylate
Concen: 1.464 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

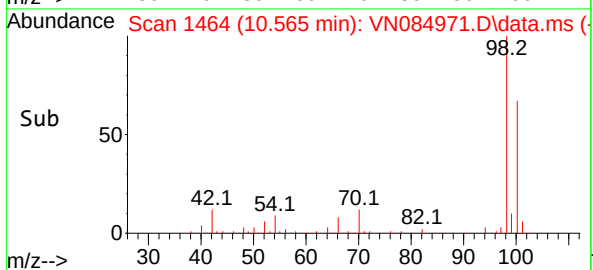
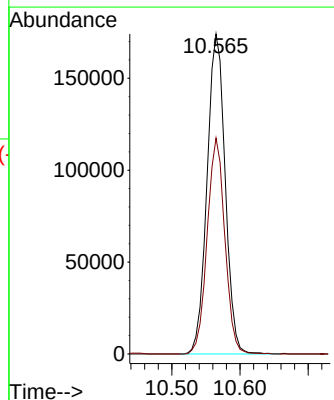
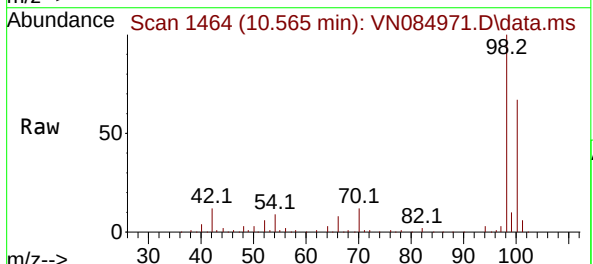
Instrument :
MSVOA_N
ClientSampleId :

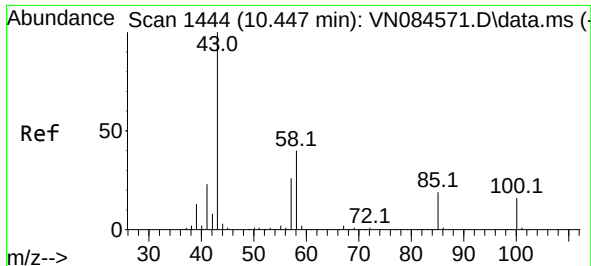
Tgt Ion: 41 Resp: 2655
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 0.0 45.8 68.6#



#50
Toluene-d8
Concen: 47.250 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 98 Resp: 322225
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 3.804 ug/l

RT: 10.441 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

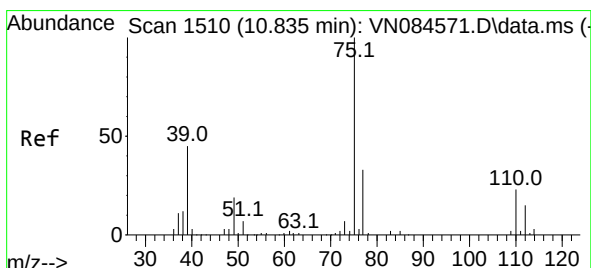
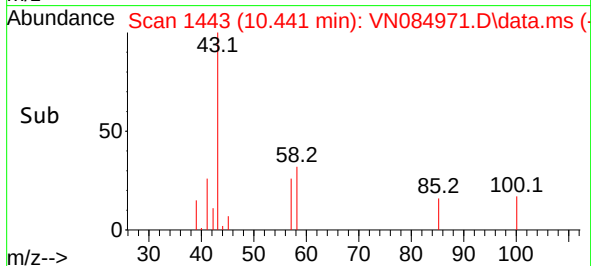
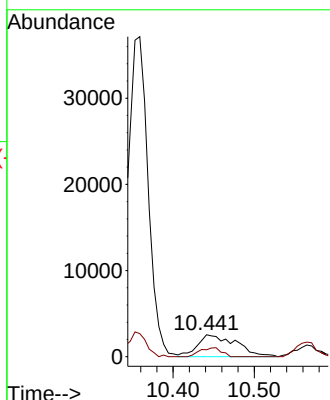
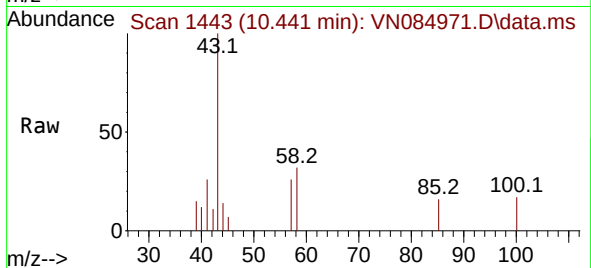
ClientSampleId :

Tgt Ion: 43 Resp: 8448

Ion Ratio Lower Upper

43 100

58 22.5 31.6 47.4#



#53

t-1,3-Dichloropropene

Concen: 0.275 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084971.D

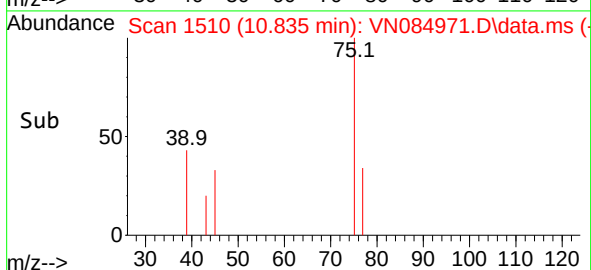
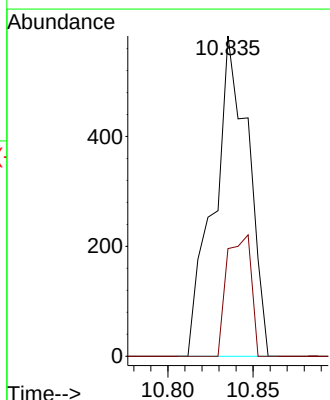
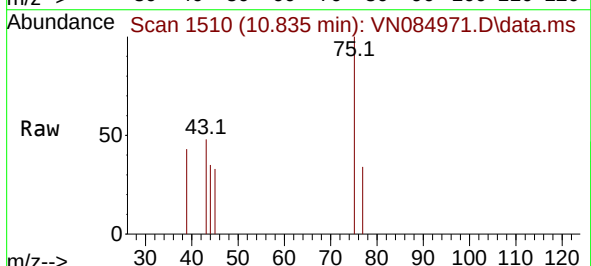
Acq: 20 Nov 2024 16:09

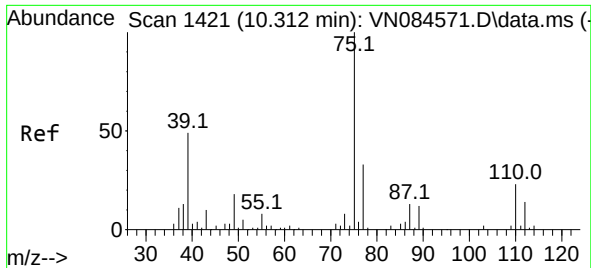
Tgt Ion: 75 Resp: 819

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0

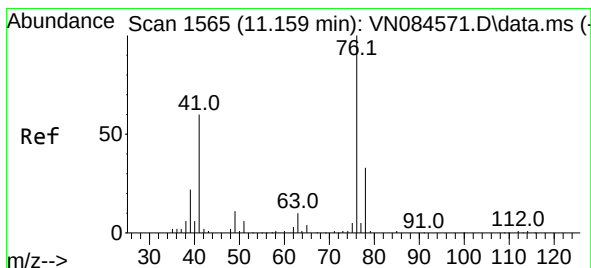
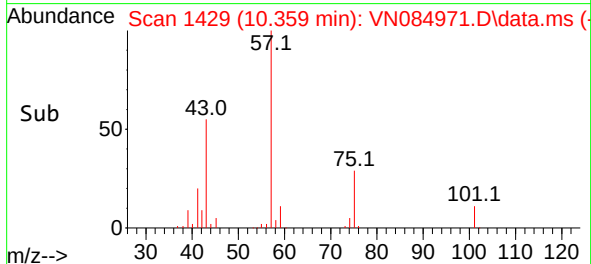
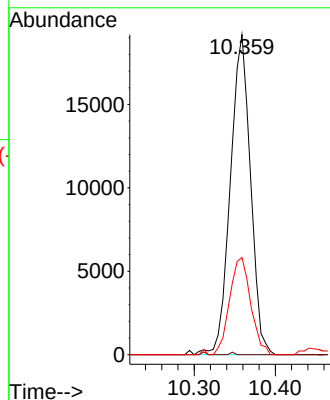
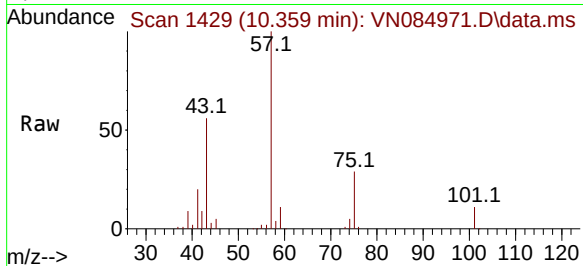




#54
 cis-1,3-Dichloropropene
 Concen: 10.483 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

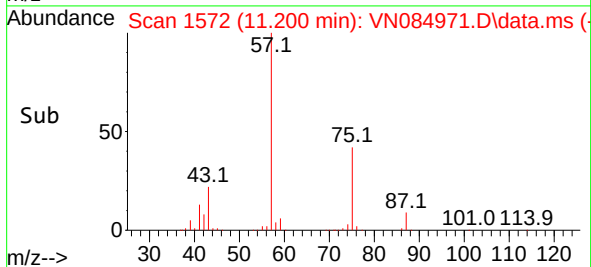
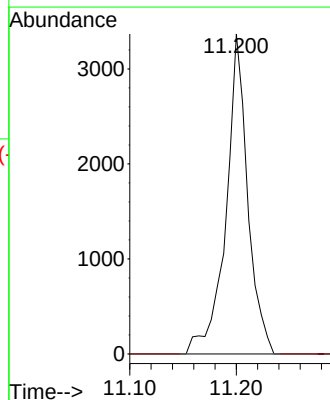
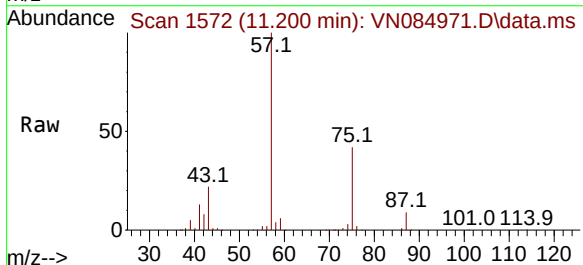
Instrument :
 MSVOA_N
 ClientSampleId :

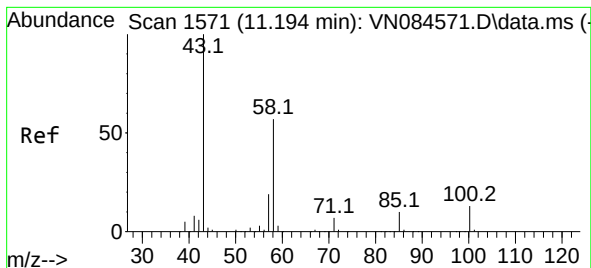
Tgt Ion: 75 Resp: 33042
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.2#
 39 30.3 38.7 58.1#



#57
 1,3-Dichloropropane
 Concen: 1.527 ug/l
 RT: 11.200 min Scan# 1572
 Delta R.T. 0.041 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

Tgt Ion: 76 Resp: 4759
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

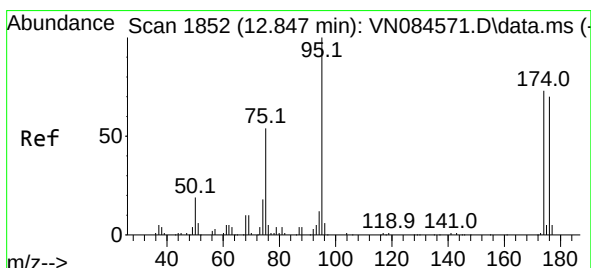
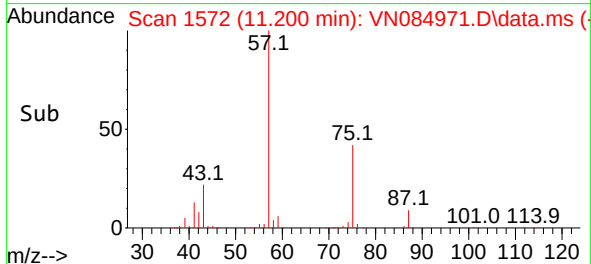
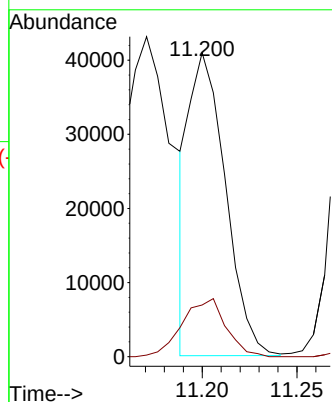
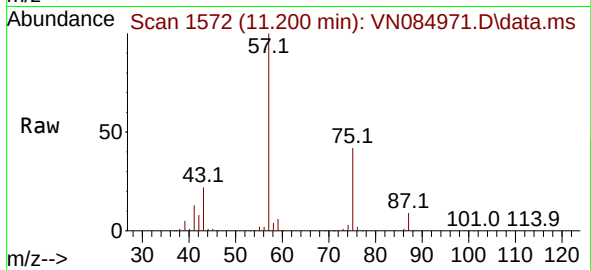




#59
2-Hexanone
Concen: 33.830 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

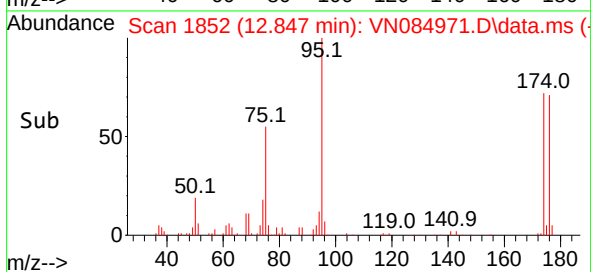
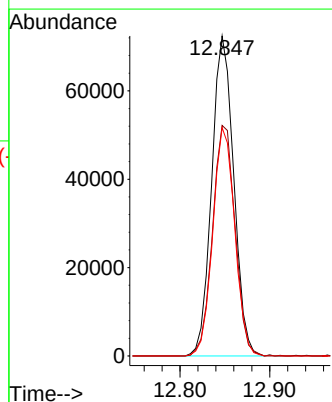
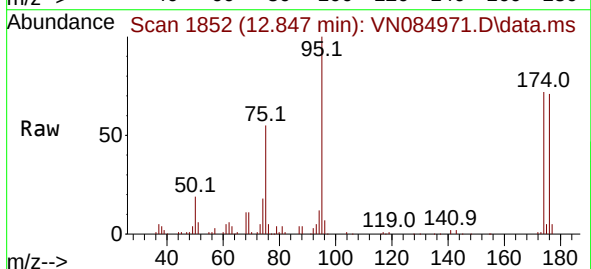
Instrument :
MSVOA_N
ClientSampleId :

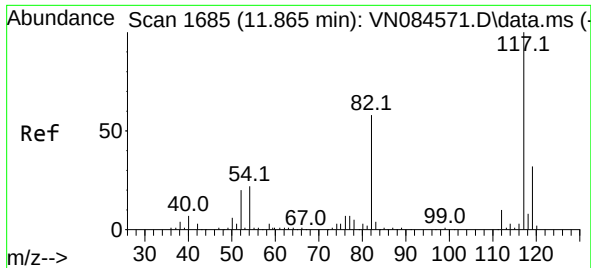
Tgt Ion: 43 Resp: 54683
Ion Ratio Lower Upper
43 100
58 23.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 48.372 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 95 Resp: 123285
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 71.2 0.0 140.0

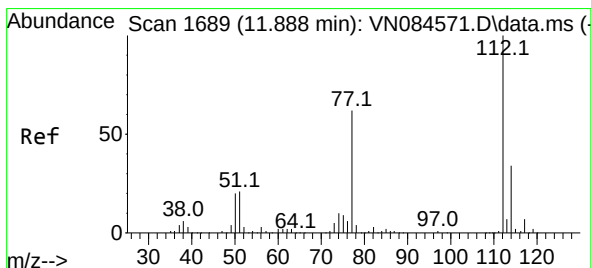
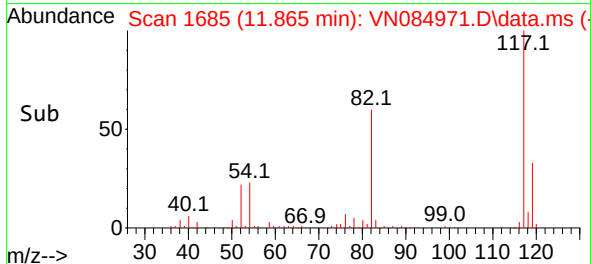
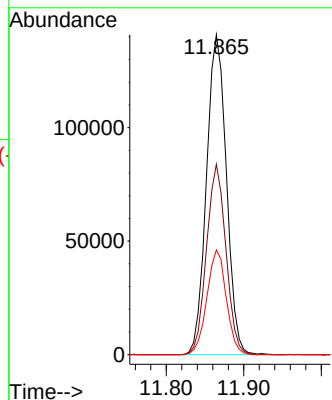
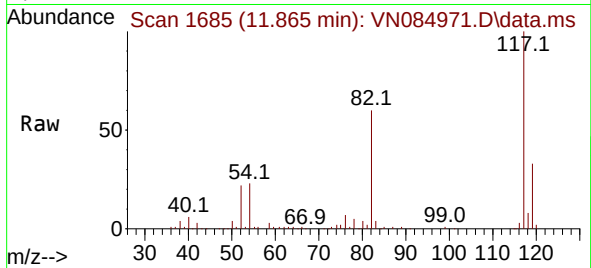




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

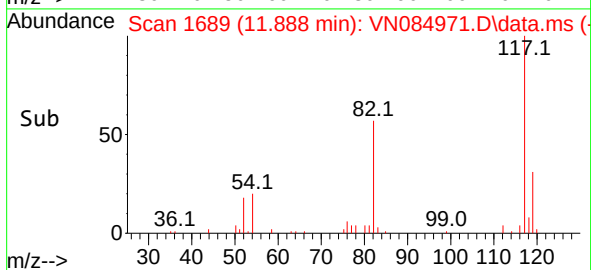
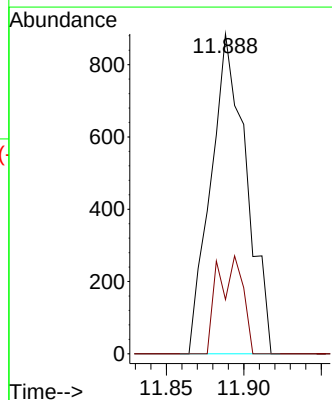
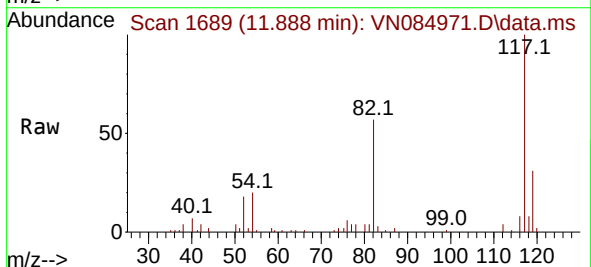
Instrument :
MSVOA_N
ClientSampleId :

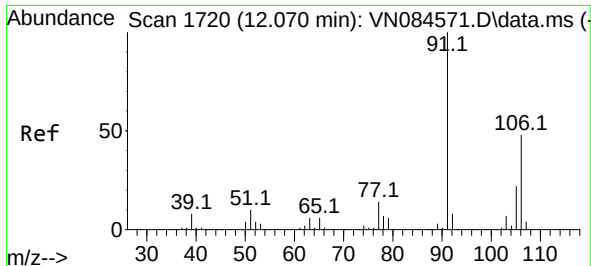
Tgt Ion:117 Resp: 251646
Ion Ratio Lower Upper
117 100
82 59.5 47.2 70.8
119 32.7 25.4 38.0



#65
Chlorobenzene
Concen: 0.250 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion:112 Resp: 1406
Ion Ratio Lower Upper
112 100
114 16.9 27.0 40.6#

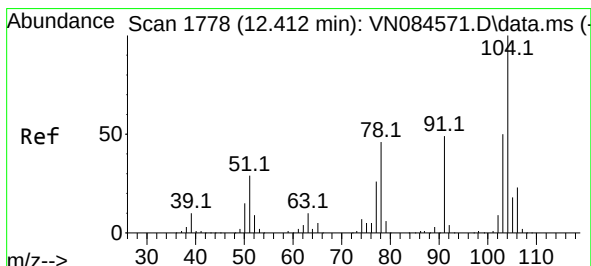
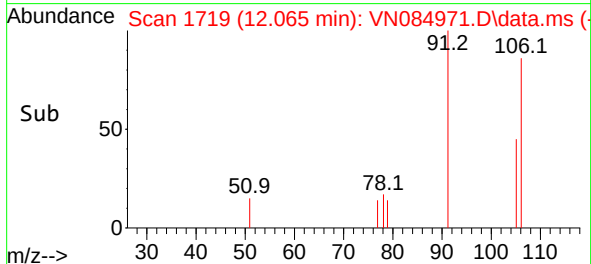
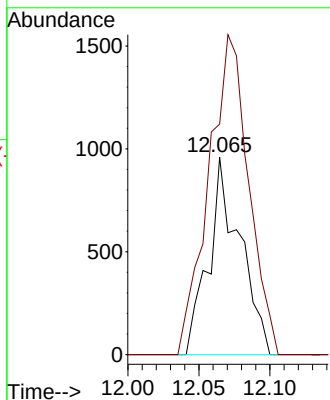
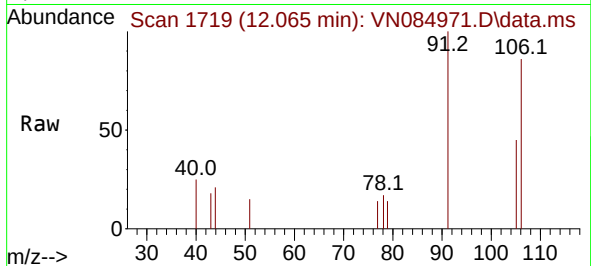




#68
m/p-Xylenes
Concen: 0.414 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

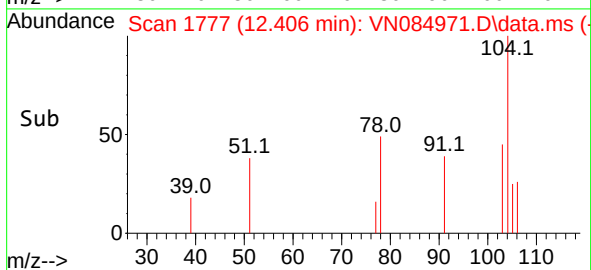
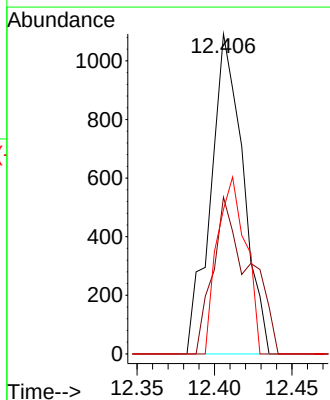
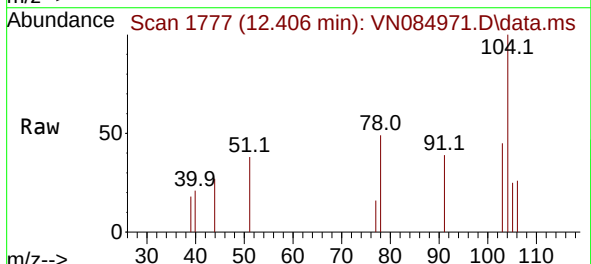
Instrument :
MSVOA_N
ClientSampleId :

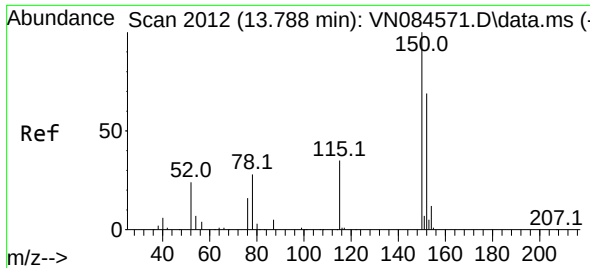
Tgt Ion:106 Resp: 1474
Ion Ratio Lower Upper
106 100
91 205.8 167.1 250.7



#70
Styrene
Concen: 0.273 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion:104 Resp: 1587
Ion Ratio Lower Upper
104 100
78 54.8 42.7 64.1
103 48.8 43.6 65.4

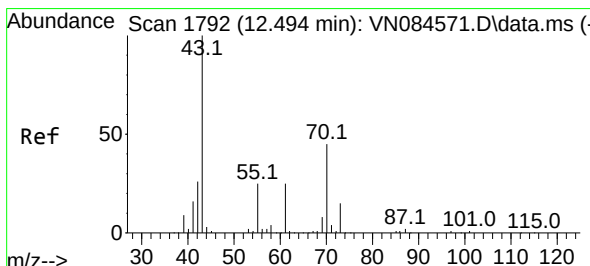
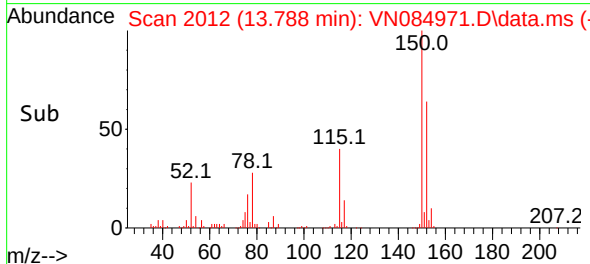
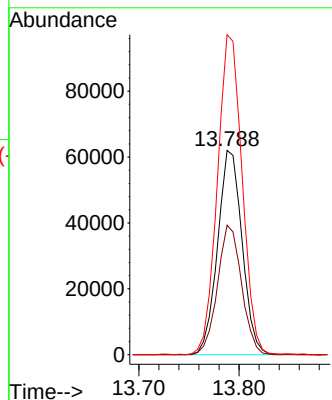
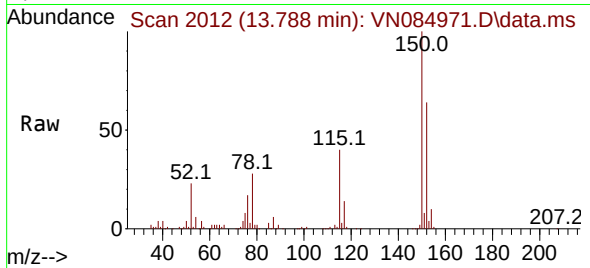




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

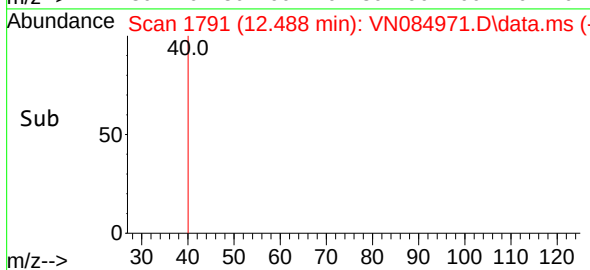
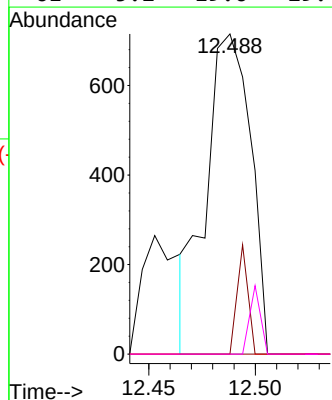
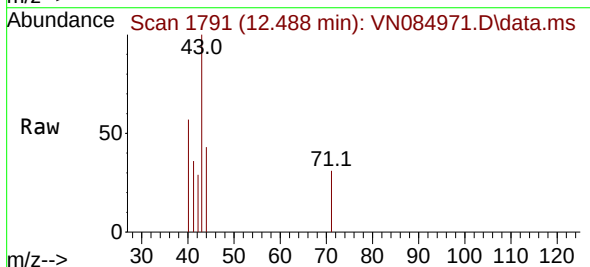
Instrument :
 MSVOA_N
 ClientSampleId :

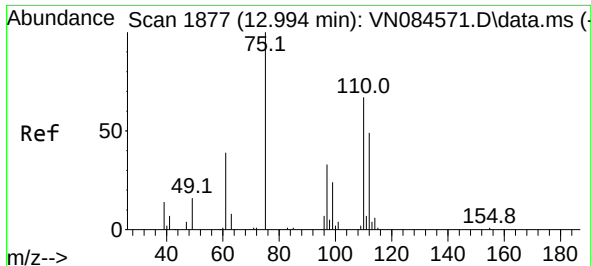
Tgt Ion:152 Resp: 105018
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.3 93.9
 150 158.5 0.0 349.8



#74
 N-ethyl acetate
 Concen: 0.332 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

Tgt Ion: 43 Resp: 1041
 Ion Ratio Lower Upper
 43 100
 70 8.3 34.4 51.6#
 55 0.0 19.6 29.4#
 61 5.2 19.6 29.4#

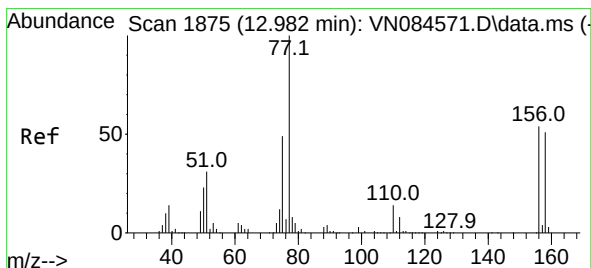
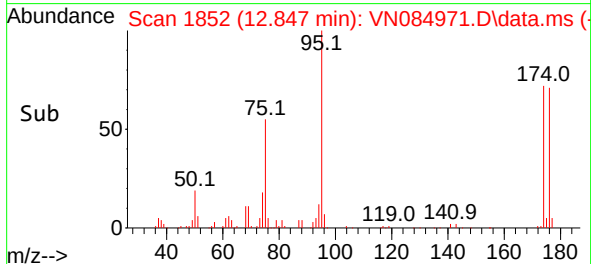
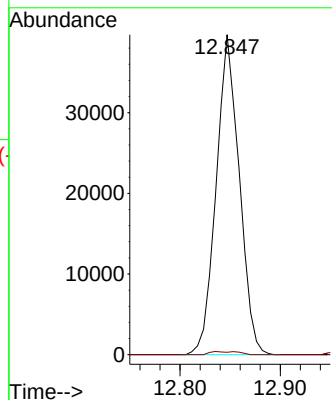
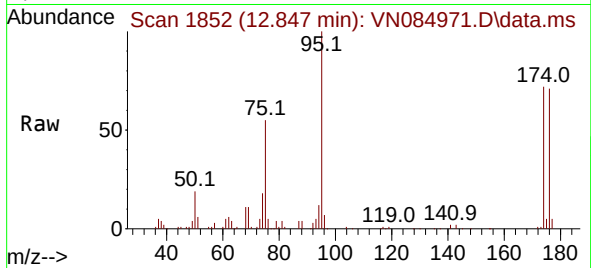




#76
1,2,3-Trichloropropane
Concen: 30.222 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

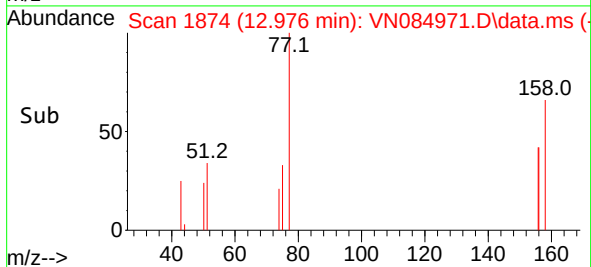
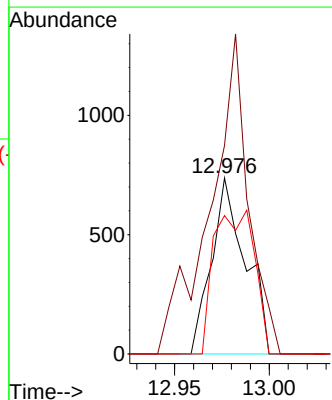
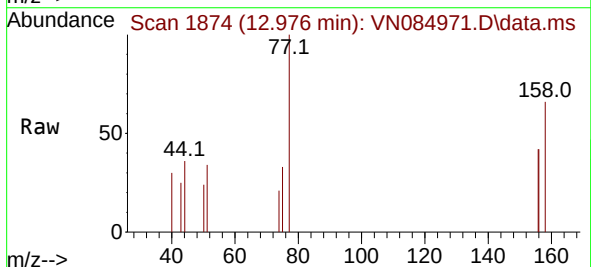
Instrument :
MSVOA_N
ClientSampleId :

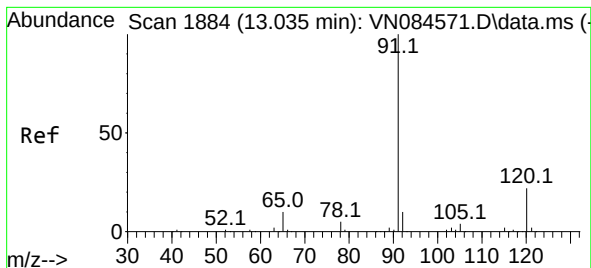
Tgt Ion: 75 Resp: 63443
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#77
Bromobenzene
Concen: 0.466 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion:156 Resp: 921
Ion Ratio Lower Upper
156 100
77 205.3 115.1 345.3
158 97.0 48.9 146.8

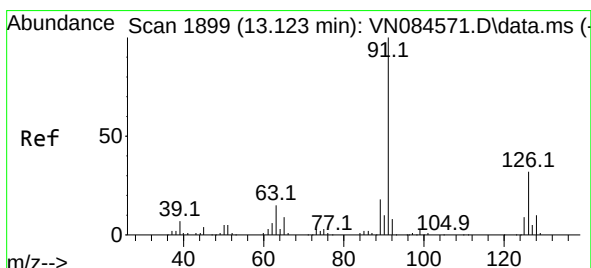
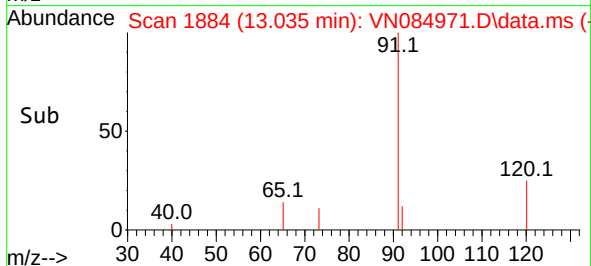
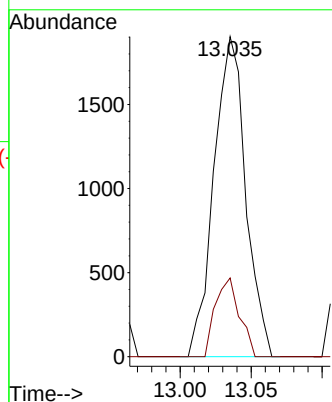
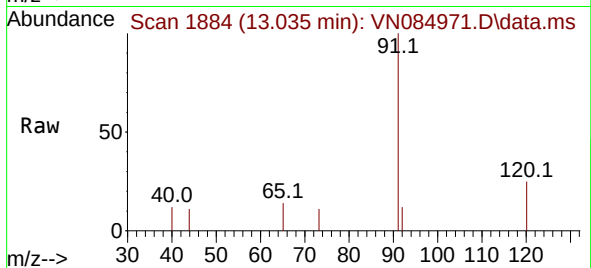




#78
n-propylbenzene
Concen: 0.343 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

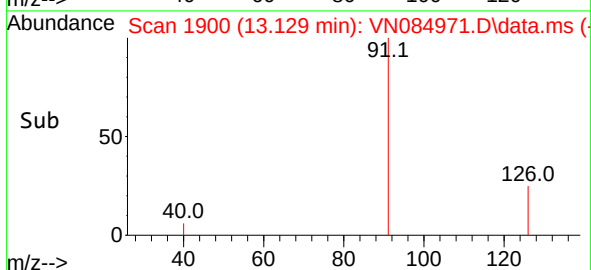
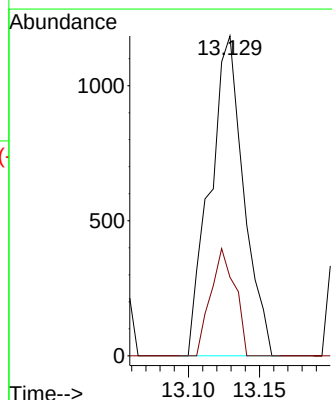
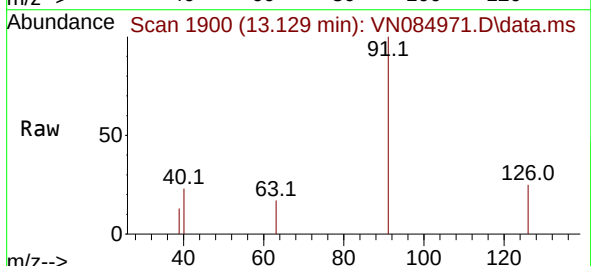
Instrument :
MSVOA_N
ClientSampleId :

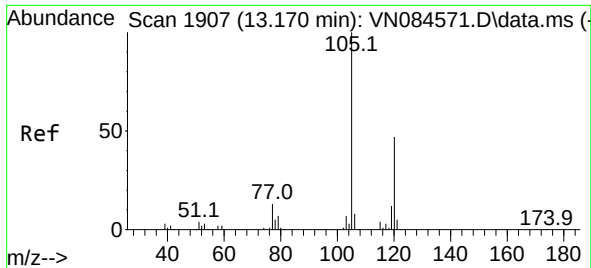
Tgt Ion: 91 Resp: 2962
Ion Ratio Lower Upper
91 100
120 18.6 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.347 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 91 Resp: 1956
Ion Ratio Lower Upper
91 100
126 24.2 15.7 47.1

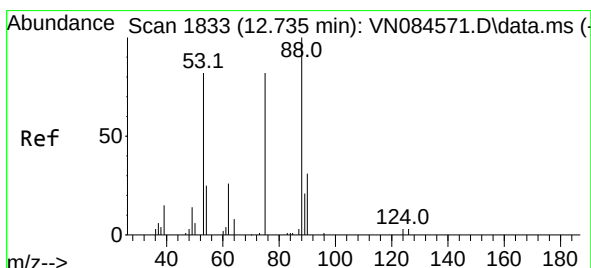
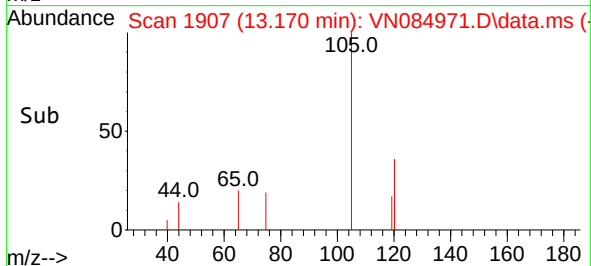
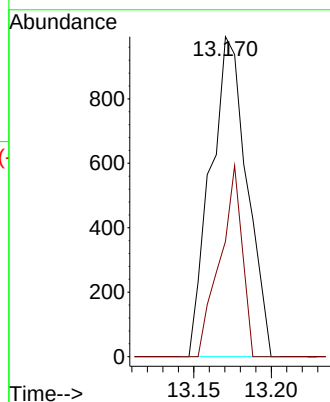
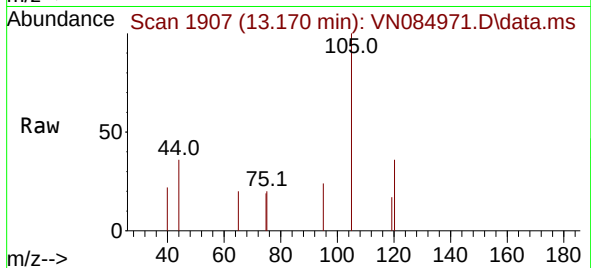




#80
 1,3,5-Trimethylbenzene
 Concen: 0.266 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

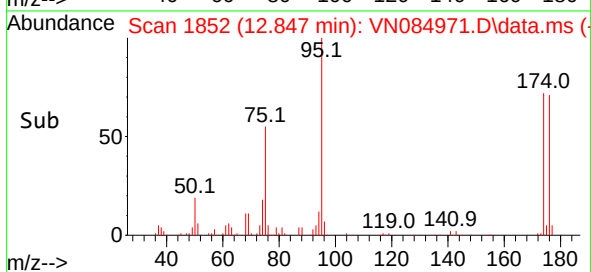
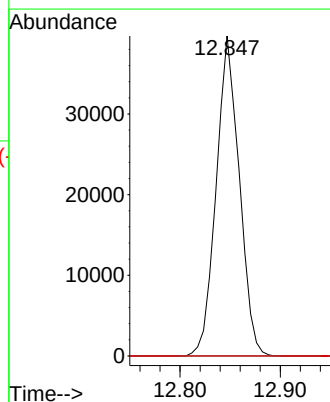
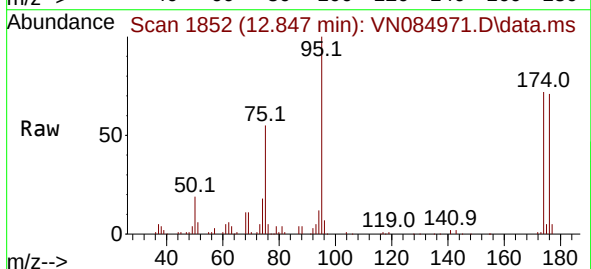
Instrument :
 MSVOA_N
 ClientSampleId :

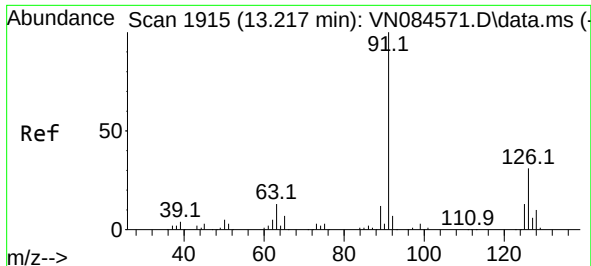
Tgt Ion:105 Resp: 1621
 Ion Ratio Lower Upper
 105 100
 120 36.3 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.698 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

Tgt Ion: 75 Resp: 63443
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

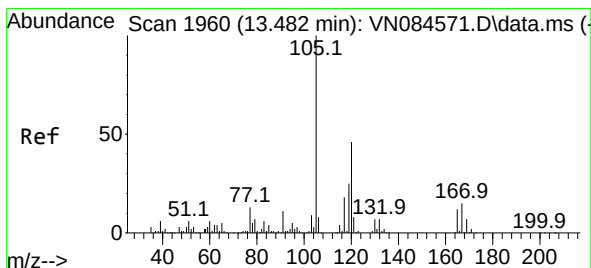
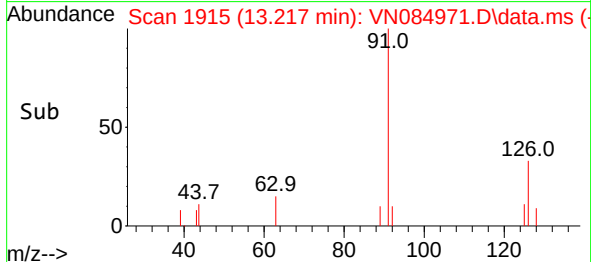
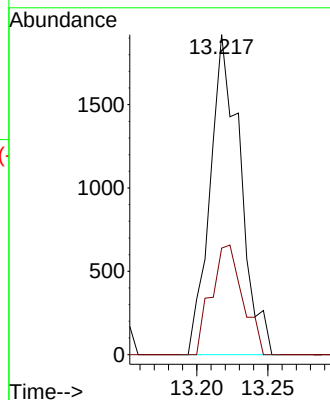
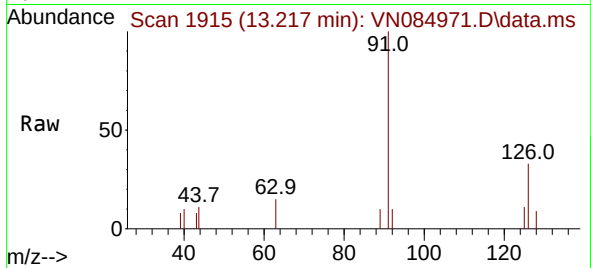




#82
4-Chlorotoluene
Concen: 0.479 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

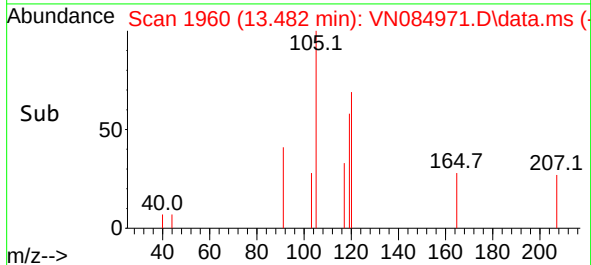
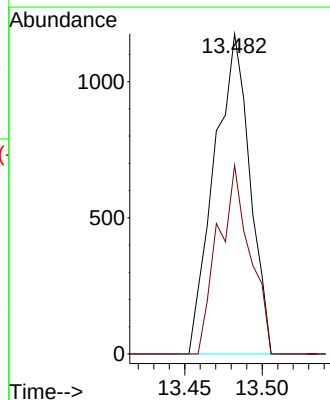
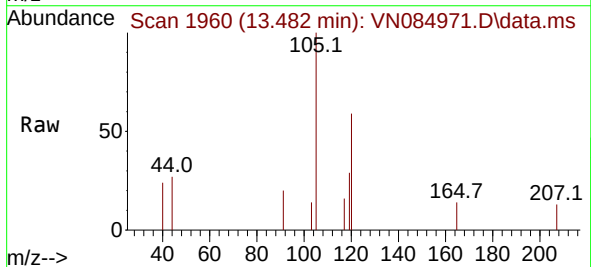
Instrument :
MSVOA_N
ClientSampleId :

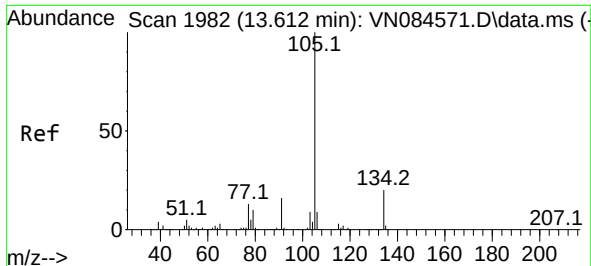
Tgt Ion: 91 Resp: 2843
Ion Ratio Lower Upper
91 100
126 35.5 15.7 47.1



#84
1,2,4-Trimethylbenzene
Concen: 0.298 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 105 Resp: 1878
Ion Ratio Lower Upper
105 100
120 52.9 22.3 66.8

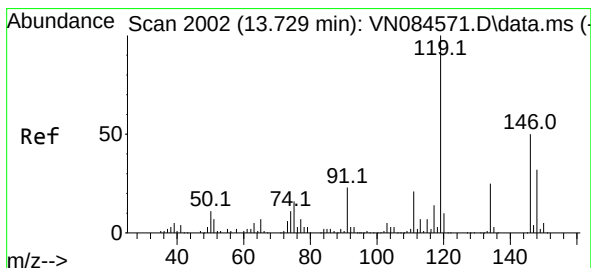
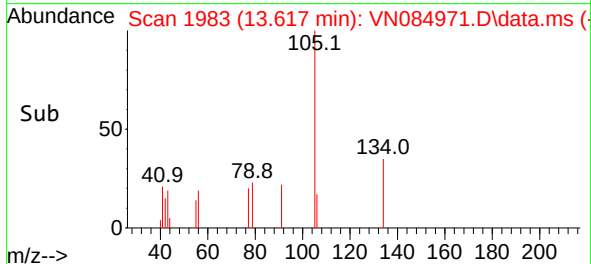
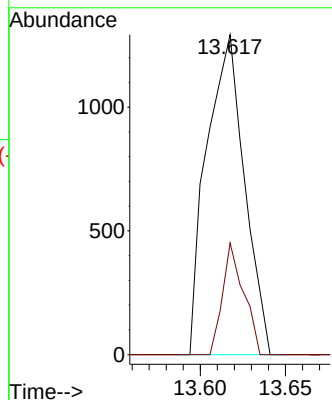
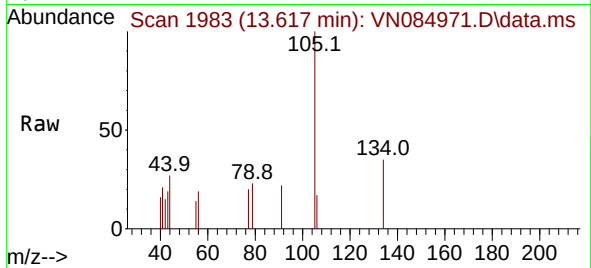




#85
 sec-Butylbenzene
 Concen: 0.279 ug/l
 RT: 13.617 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

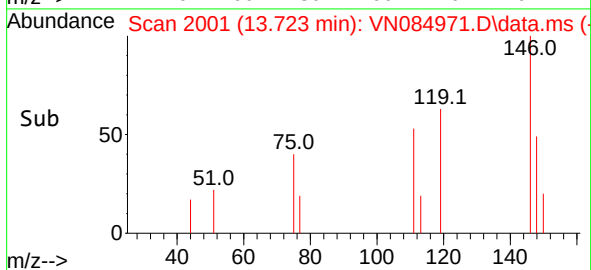
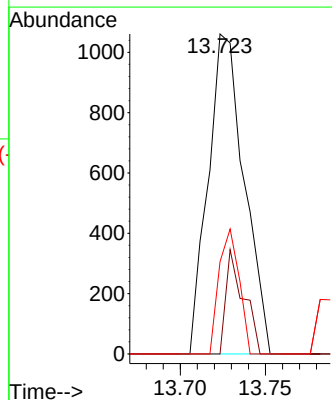
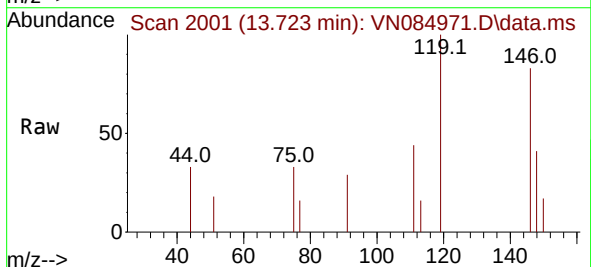
Instrument :
 MSVOA_N
 ClientSampleId :

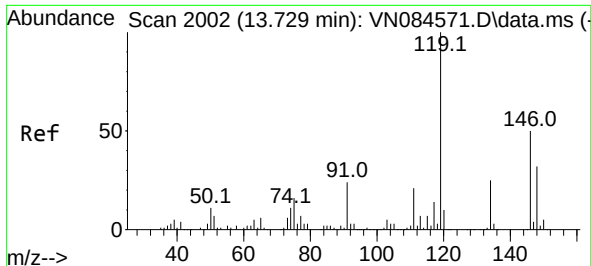
Tgt Ion:105 Resp: 1989
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.267 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

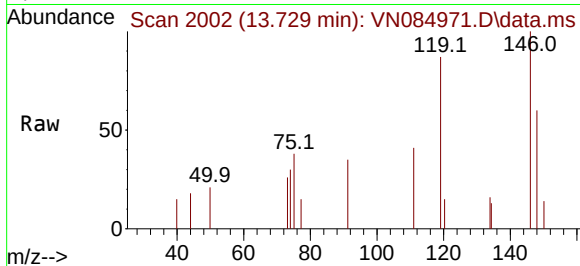
Tgt Ion:119 Resp: 1561
 Ion Ratio Lower Upper
 119 100
 134 16.0 12.6 37.8
 91 21.7 12.4 37.2



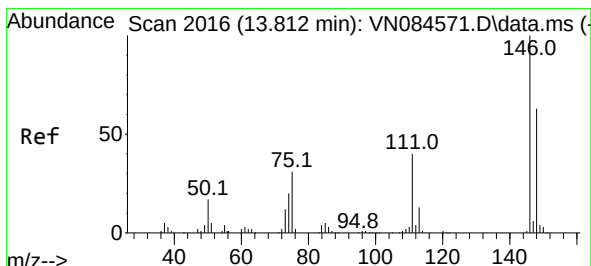
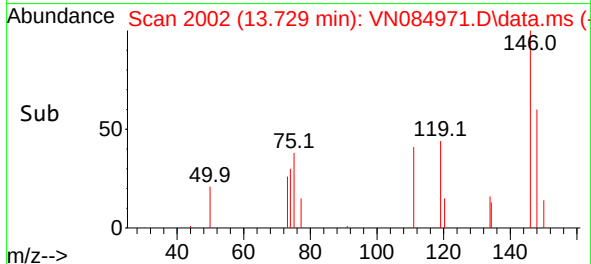
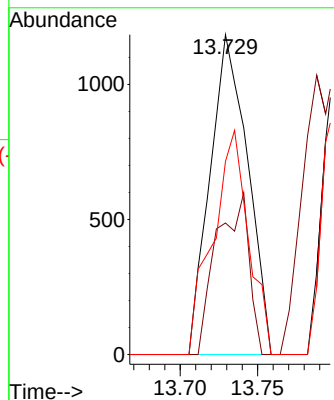


#87
 1,3-Dichlorobenzene
 Concen: 0.518 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :

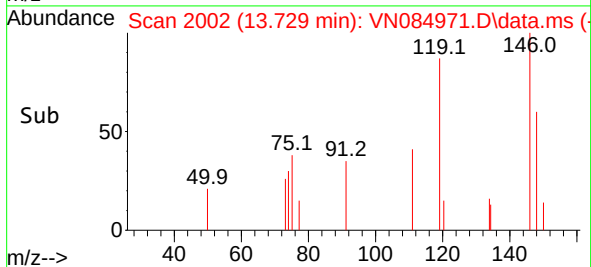
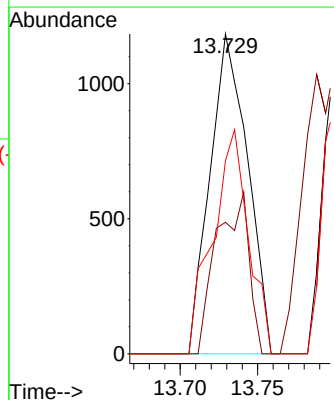
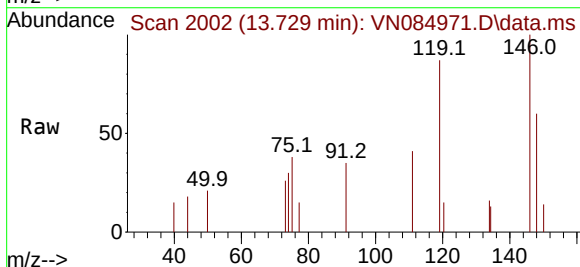


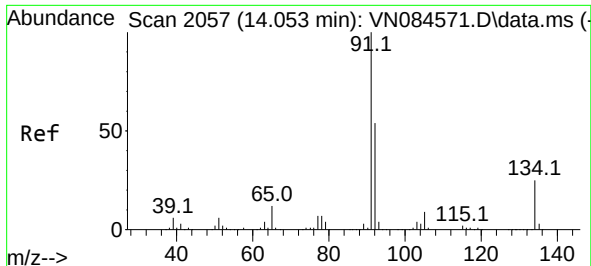
Tgt Ion:146 Resp: 2000
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.3
 148 66.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.083 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

Tgt Ion:146 Resp: 2000
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.2 63.6
 148 66.7 31.9 95.9





#89

n-Butylbenzene

Concen: 0.491 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN084971.D

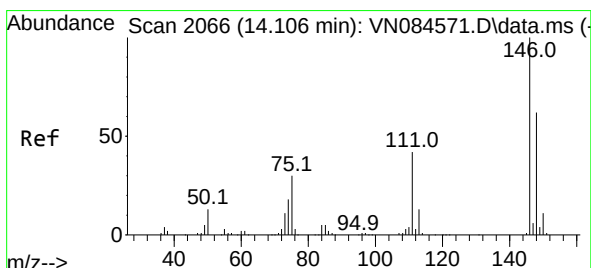
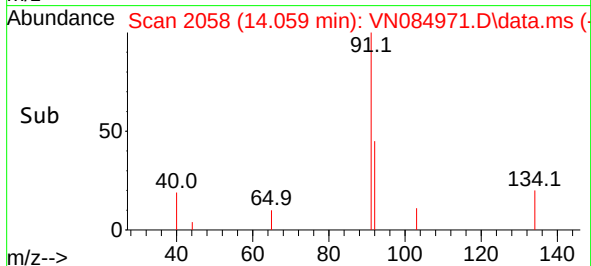
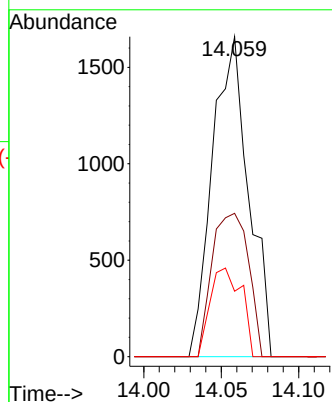
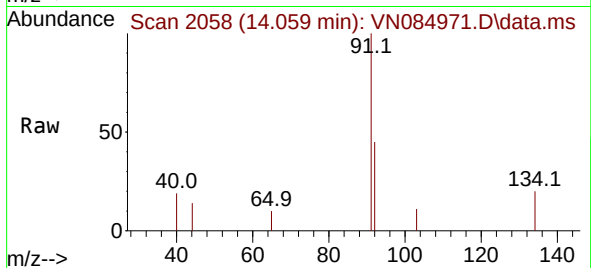
Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 2686
Ion Ratio	Lower Upper
91	100
92	45.3 26.6 79.7
134	23.9 12.3 36.9



#91

1,2-Dichlorobenzene

Concen: 0.461 ug/l

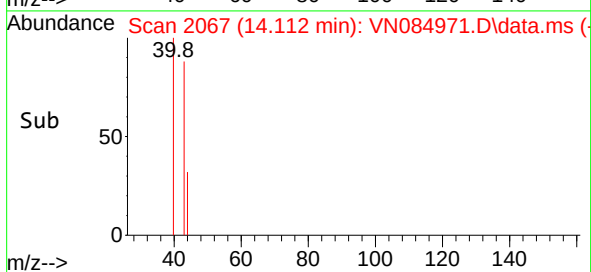
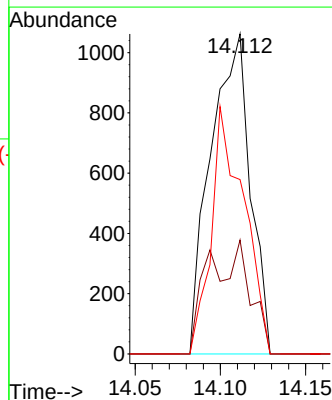
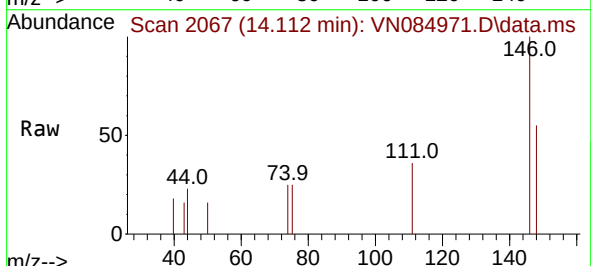
RT: 14.112 min Scan# 2067

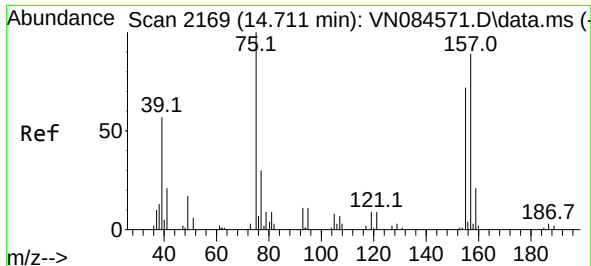
Delta R.T. 0.006 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

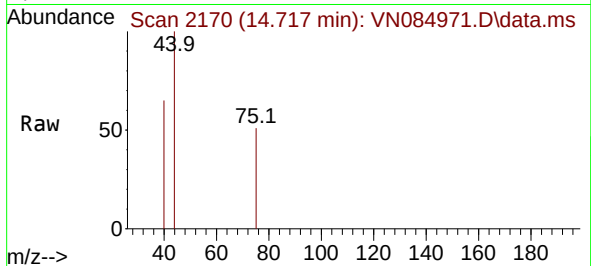
Tgt Ion: 146	Resp: 1711
Ion Ratio	Lower Upper
146	100
111	22.3 22.0 66.0
148	63.8 32.1 96.3



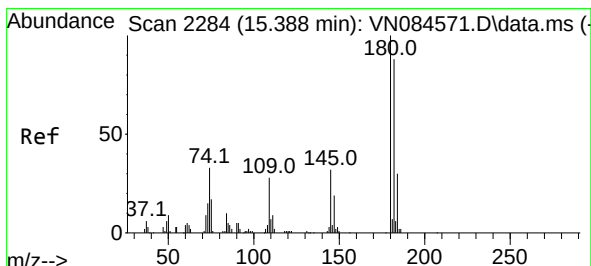
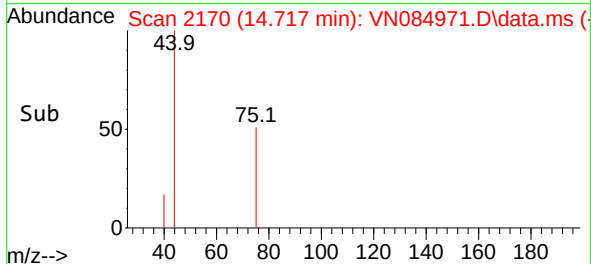
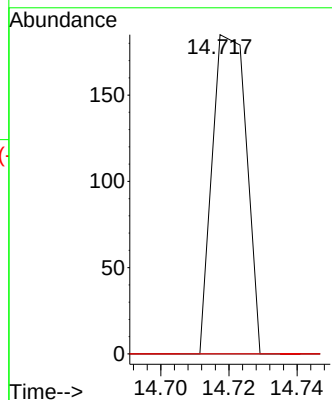


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.257 ug/l
RT: 14.717 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

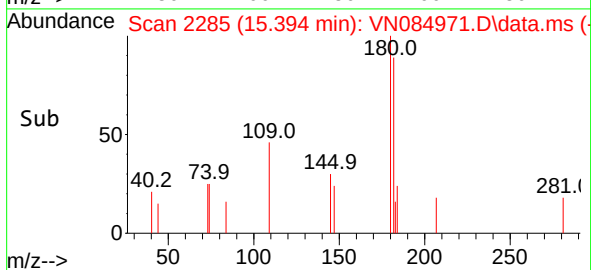
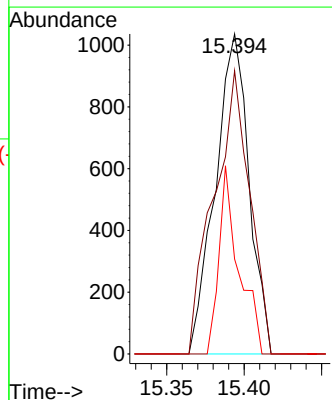
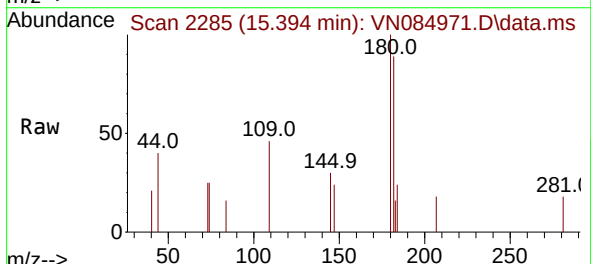


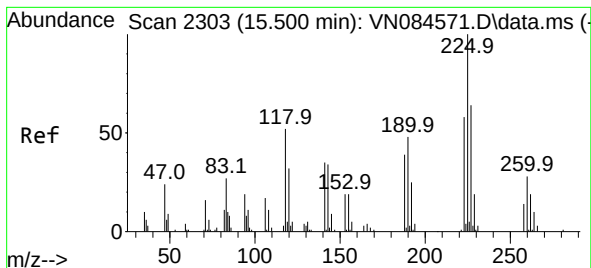
Tgt Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 0.0 49.6 149.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.771 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084971.D
Acq: 20 Nov 2024 16:09

Tgt Ion: 180 Resp: 1566
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 34.5 16.4 49.4





#94

Hexachlorobutadiene

Concen: 0.478 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

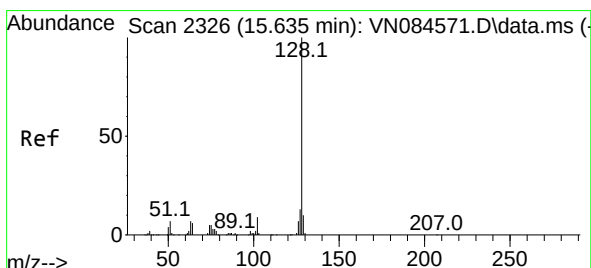
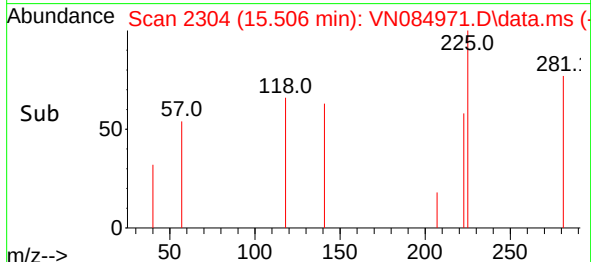
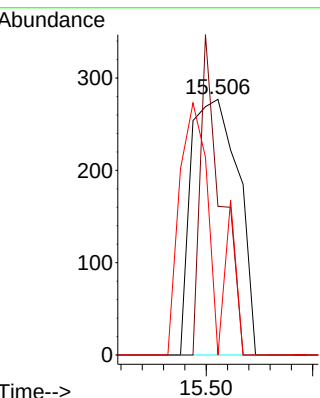
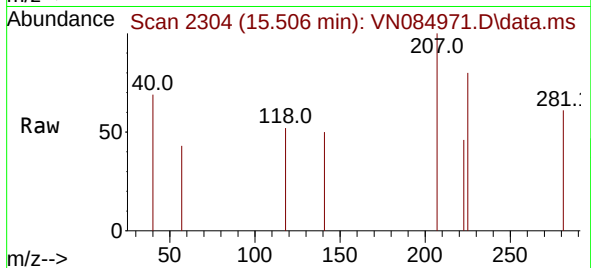
Tgt Ion:225 Resp: 426

Ion Ratio Lower Upper

225 100

223 55.4 32.4 97.2

227 70.9 32.4 97.0



#95

Naphthalene

Concen: 0.868 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084971.D

Acq: 20 Nov 2024 16:09

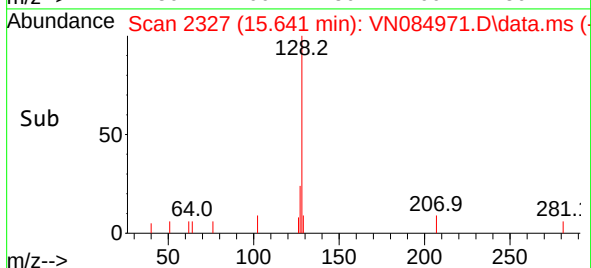
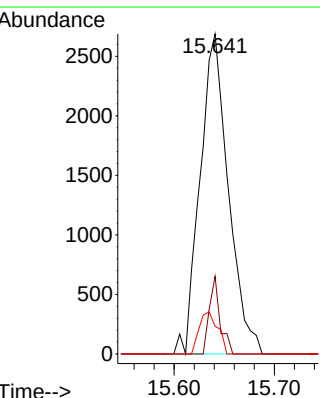
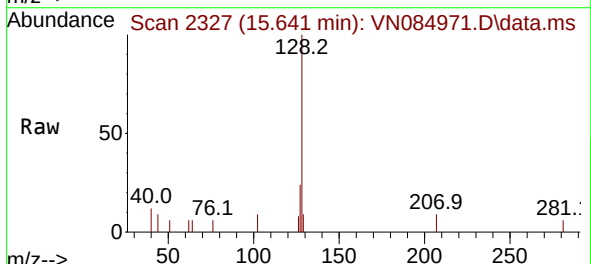
Tgt Ion:128 Resp: 5276

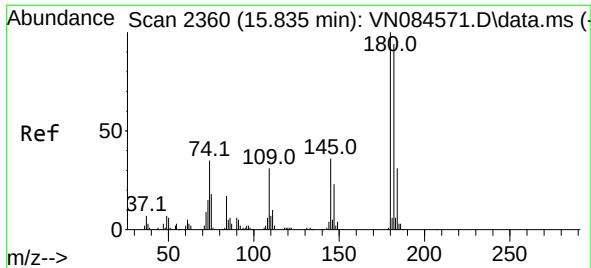
Ion Ratio Lower Upper

128 100

127 9.1 10.5 15.7#

129 8.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.759 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084971.D
 Acq: 20 Nov 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	180	Resp:	1497
Ion	Ratio	Lower	Upper
180	100		
182	102.7	48.2	144.6
145	37.3	17.3	51.9

