

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084621.D
 Acq On : 31 Oct 2024 15:49
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Quant Time: Nov 01 02:48:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32646	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	182685	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	167999	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79275	30.205	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.700%
60) 4-Bromofluorobenzene	12.847	95	84456	29.197	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.333%
63) Toluene-d8	10.565	98	233505	29.360	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38985	20.532	ug/l	95
3) Chloromethane	2.359	50	46257	20.234	ug/l	99
4) Vinyl Chloride	2.512	62	42525	20.032	ug/l	92
5) Bromomethane	2.900	94	22376	20.768	ug/l	100
6) Chloroethane	3.065	64	28556	20.488	ug/l	95
7) Trichlorofluoromethane	3.465	101	71406	20.712	ug/l	99
8) Diethyl Ether	3.953	74	25474	20.715	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.353	101	40541	20.808	ug/l	99
10) 1,1-Dichloroethene	4.324	96	39157	20.581	ug/l	95
11) Methyl Iodide	4.571	142	53170	20.333	ug/l	92
12) Methyl Acetate	5.024	43	56139	18.930	ug/l	96
13) Acrolein	4.177	56	37462	102.437	ug/l	100
14) Acrylonitrile	5.724	53	97670	100.673	ug/l	99
15) Acetone	4.430	58	27180	109.034	ug/l	85
16) Carbon Disulfide	4.700	76	113085	20.200	ug/l	99
17) Allyl chloride	5.012	41	66114	20.394	ug/l	96
18) Methylene Chloride	5.265	84	45208	20.277	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	40300	20.209	ug/l	92
20) Diisopropyl ether	6.671	45	133508	20.572	ug/l	97
21) 1,1-Dichloroethane	6.559	63	78145	20.023	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	48039	20.177	ug/l	97
23) tert-Butyl Alcohol	5.524	59	16460	48.598	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	127042	20.649	ug/l	99
25) Chloroform	7.959	83	80528	20.139	ug/l	95
26) Cyclohexane	8.253	56	64909	21.773	ug/l #	95
29) 1,1-Dichloropropene	8.365	75	54654	19.862	ug/l	99
30) 2-Butanone	7.483	43	125147	98.597	ug/l	98
31) 2,2-Dichloropropane	7.483	77	70080	20.864	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	74479	19.923	ug/l	99
33) Carbon Tetrachloride	8.359	117	63277	19.837	ug/l	99
34) Benzene	8.606	78	177177	19.480	ug/l	94
35) Methacrylonitrile	7.777	41	28441	18.906	ug/l	97
36) 1,2-Dichloroethane	8.665	62	58249	19.259	ug/l	100
37) Trichloroethene	9.353	130	40196	19.591	ug/l	91
38) Methylcyclohexane	9.600	83	59338	20.032	ug/l	99
39) 1,2-Dichloropropane	9.618	63	44012	20.103	ug/l	93
40) Dibromomethane	9.706	93	29895	19.519	ug/l	98
41) Bromodichloromethane	9.888	83	63485	19.335	ug/l	95
42) Vinyl Acetate	6.600	43	477204	100.583	ug/l	100

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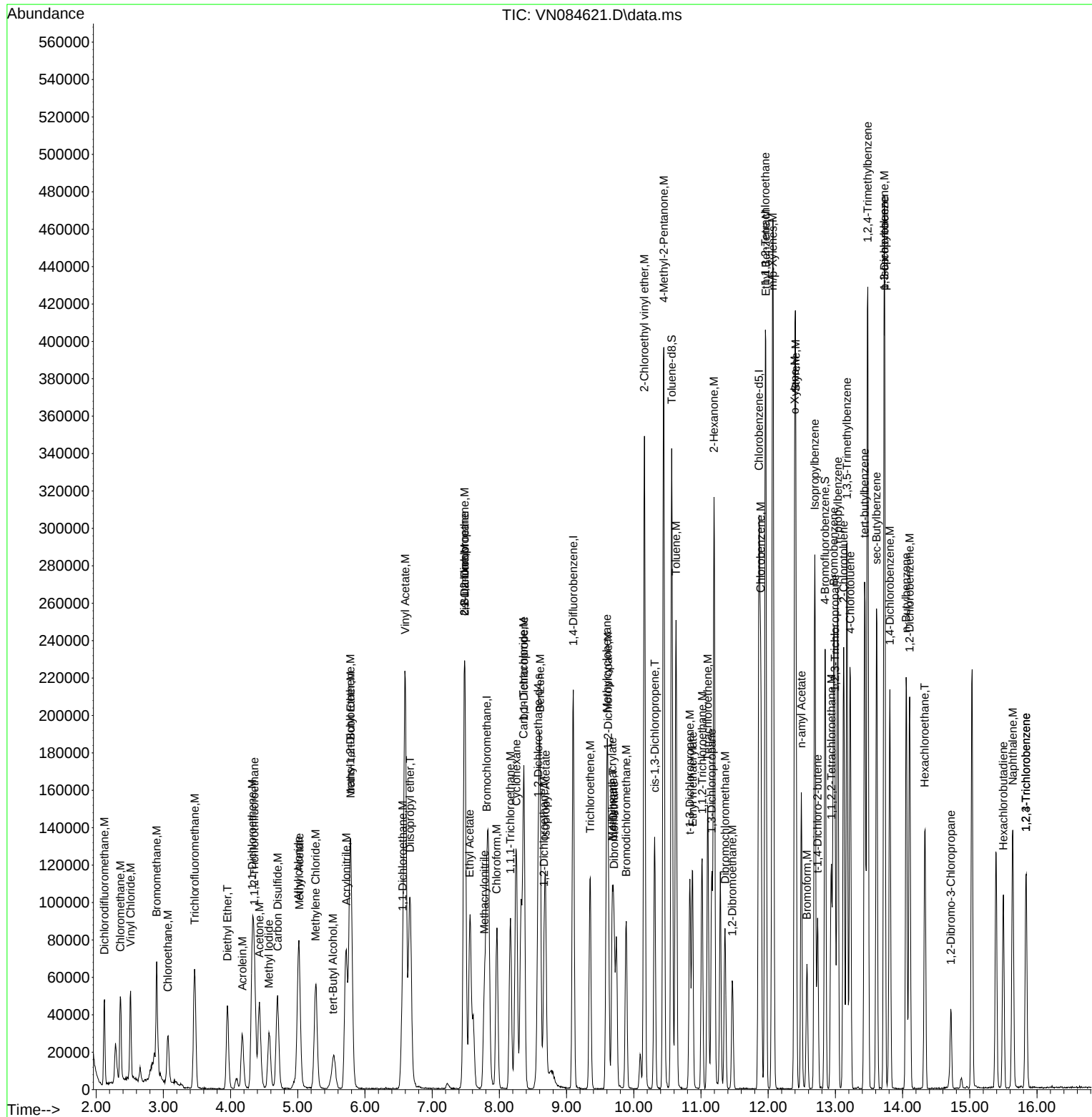
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52620	19.730	ug/l	100
44) Isopropyl Acetate	8.688	43	94921	17.576	ug/l	97
45) 1,4-Dioxane	9.694	88	15679	434.863	ug/l #	85
46) Methyl methacrylate	9.682	41	41700	19.214	ug/l	91
47) n-amyl Acetate	12.494	43	80970	20.075	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	63914	19.713	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	69450	19.987	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	40510	19.718	ug/l	95
51) Ethyl methacrylate	10.876	69	63630	20.093	ug/l	94
52) 1,3-Dichloropropane	11.159	76	70880	19.876	ug/l	99
53) Dibromochloromethane	11.359	129	48005	19.967	ug/l	97
54) 1,2-Dibromoethane	11.465	107	40593	19.536	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	154220	99.331	ug/l	99
56) Bromoform	12.576	173	31835	19.755	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	267088	100.773	ug/l	100
59) 2-Hexanone	11.194	43	196936	101.473	ug/l	99
61) Tetrachloroethene	11.100	164	34684	19.727	ug/l	97
62) Toluene	10.629	91	186269	19.467	ug/l	99
64) Chlorobenzene	11.888	112	115588	20.010	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	41286	19.448	ug/l	98
66) Ethyl Benzene	11.965	91	195795	19.471	ug/l	94
67) m/p-Xylenes	12.070	106	152197	39.532	ug/l	100
68) o-Xylene	12.394	106	74275	20.000	ug/l	96
69) Styrene	12.412	104	126243	20.274	ug/l	98
70) Isopropylbenzene	12.694	105	185047	20.058	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	59950	20.048	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	77342	30.290	ug/l	68
73) Bromobenzene	12.976	156	47545	19.982	ug/l	98
74) n-propylbenzene	13.035	91	216677	20.085	ug/l	100
75) 2-Chlorotoluene	13.123	91	141777	20.181	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	161455	20.483	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	20864	19.923	ug/l	90
78) 4-Chlorotoluene	13.223	91	143411	20.204	ug/l	100
79) tert-butylbenzene	13.435	119	136935	21.007	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	164066	20.632	ug/l	97
81) sec-Butylbenzene	13.612	105	177891	19.805	ug/l	98
82) p-Isopropyltoluene	13.729	119	150744	19.973	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	88108	20.022	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	86946	19.995	ug/l	99
85) n-Butylbenzene	14.053	91	123578	19.495	ug/l	98
86) Hexachloroethane	14.329	117	31385	20.333	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	87547	20.189	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12546	21.744	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	42048	19.915	ug/l	99
90) Hexachlorobutadiene	15.500	225	19789	21.456	ug/l	93
91) Naphthalene	15.641	128	132406	19.636	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	42048	19.915	ug/l	99

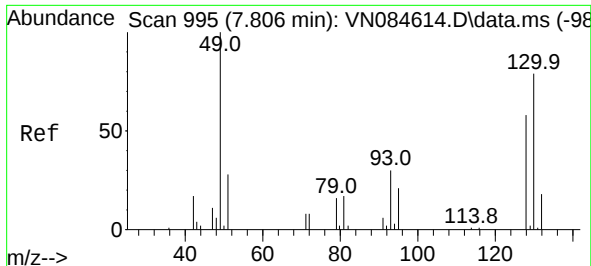
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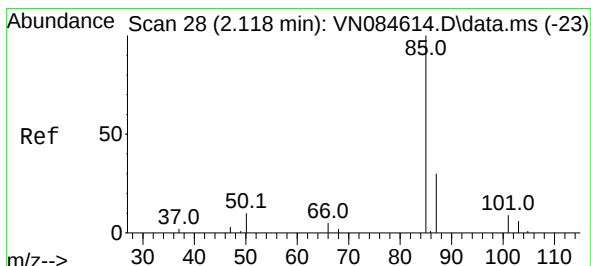
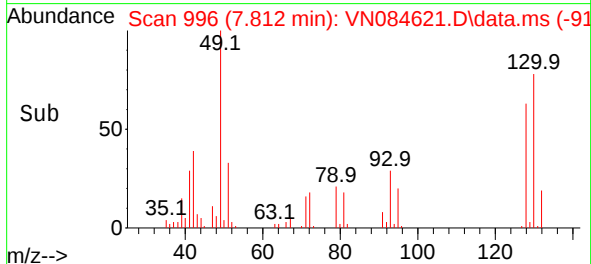
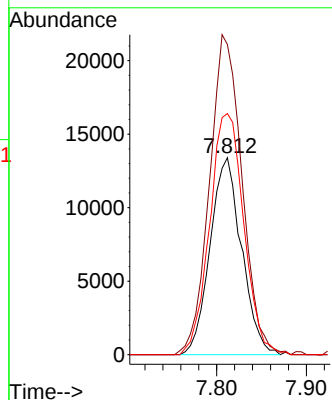
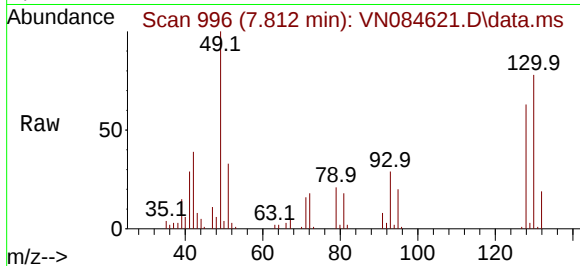




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084621.D
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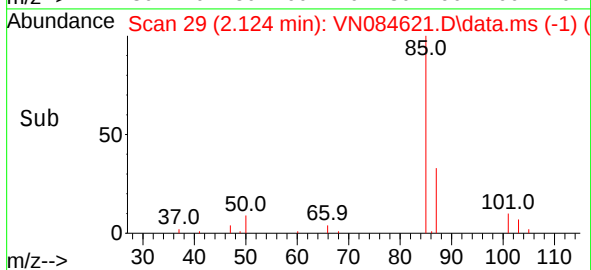
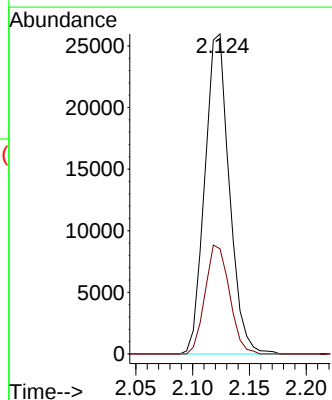
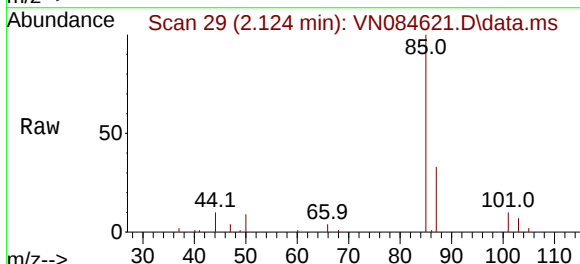
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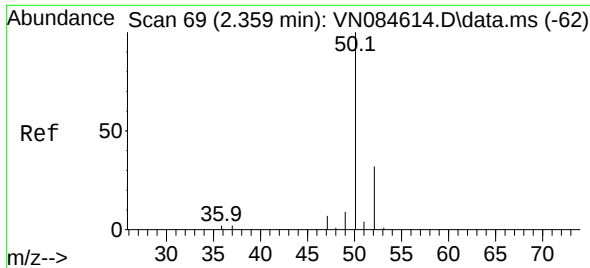
Tgt Ion:	128	Resp:	32646
Ion	Ratio	Lower	Upper
128	100		
49	167.6	0.0	427.0
130	132.8	0.0	322.2



#2
Dichlorodifluoromethane
Concen: 20.532 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:	85	Resp:	38985
Ion	Ratio	Lower	Upper
85	100		
87	32.8	14.9	44.9

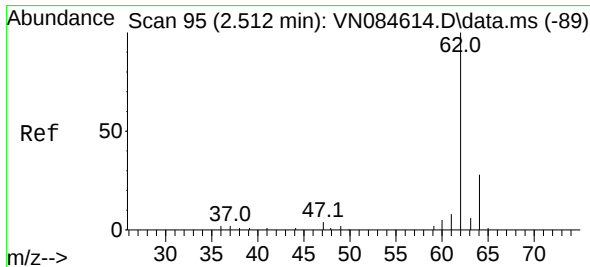
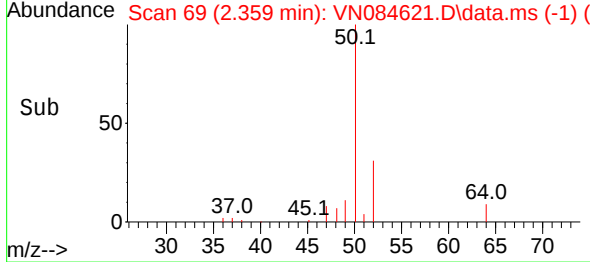
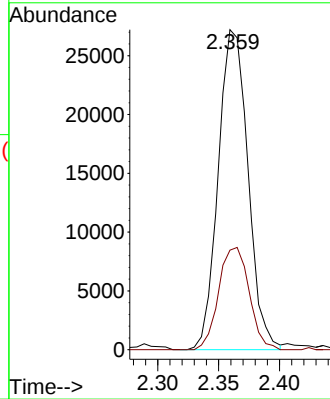
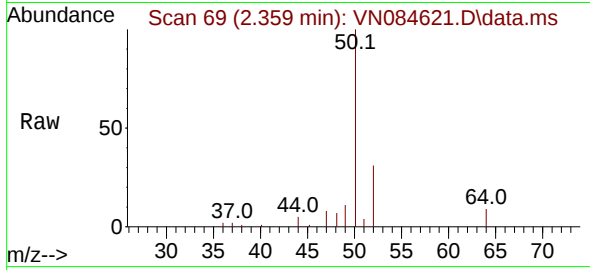




#3
Chloromethane
Concen: 20.234 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

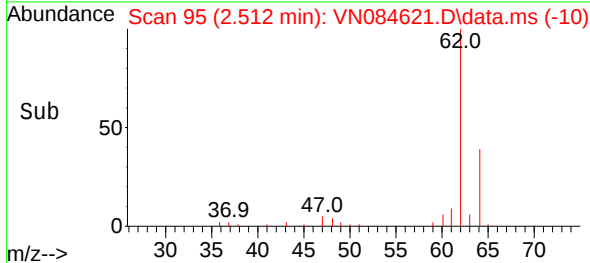
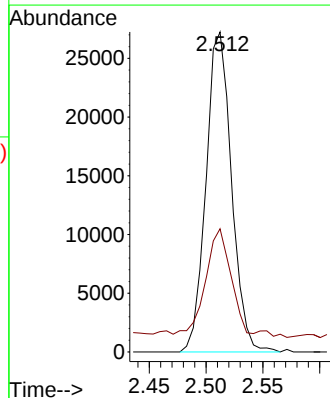
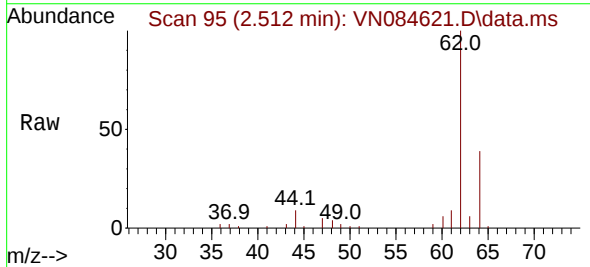
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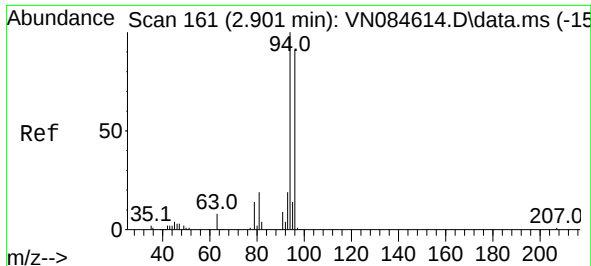
Tgt Ion: 50 Resp: 46257
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3



#4
Vinyl Chloride
Concen: 20.032 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 62 Resp: 42525
Ion Ratio Lower Upper
62 100
64 33.0 23.1 34.7

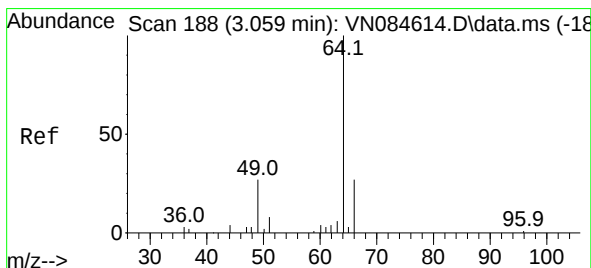
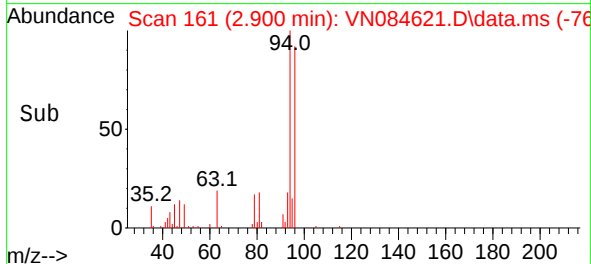
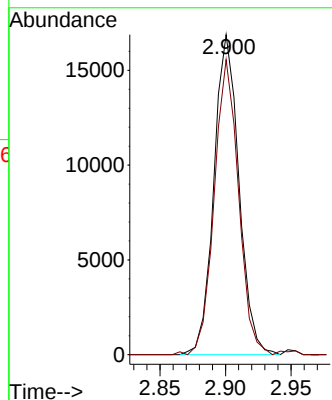
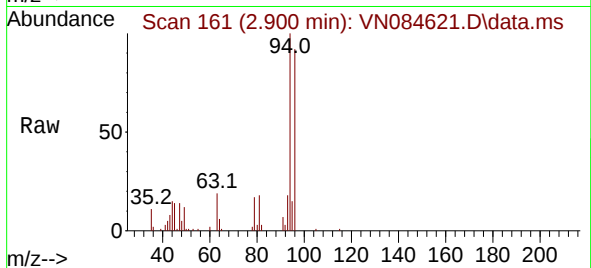




#5
Bromomethane
Concen: 20.768 ug/l
RT: 2.900 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

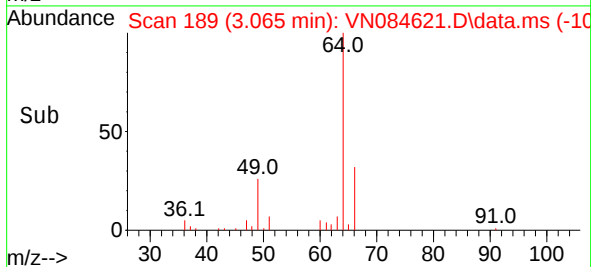
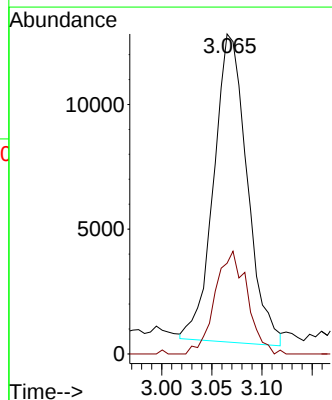
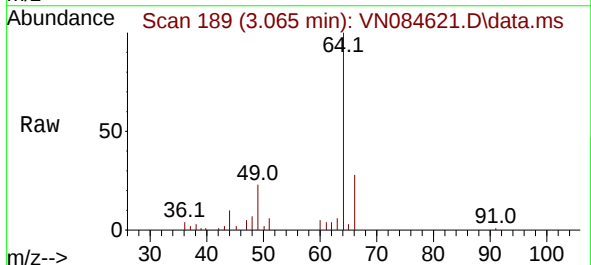
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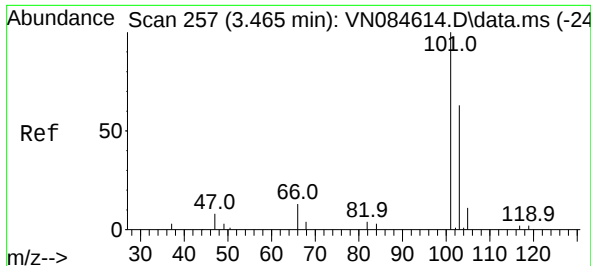
Tgt Ion: 94 Resp: 22376
Ion Ratio Lower Upper
94 100
96 91.3 72.7 109.1



#6
Chloroethane
Concen: 20.488 ug/l
RT: 3.065 min Scan# 189
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 64 Resp: 28556
Ion Ratio Lower Upper
64 100
66 30.2 22.1 33.1

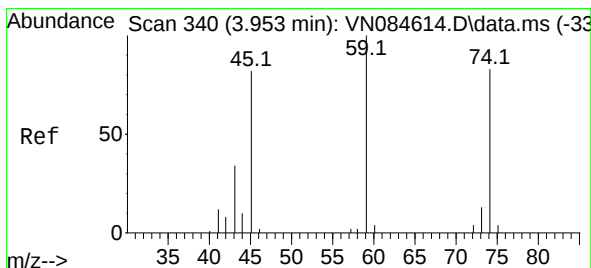
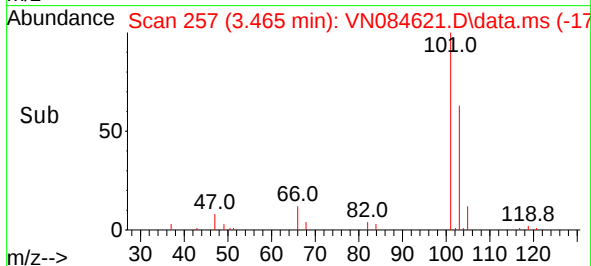
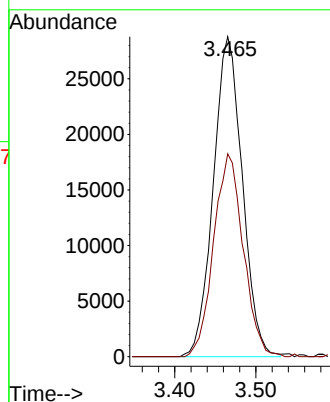
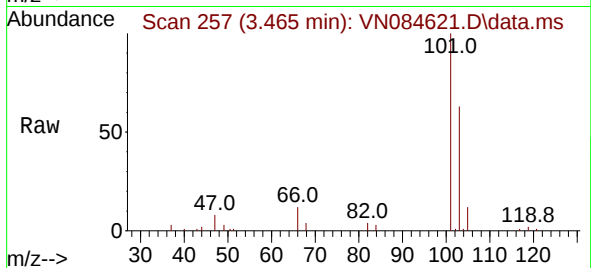




#7
 Trichlorofluoromethane
 Concen: 20.712 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VN084621.D
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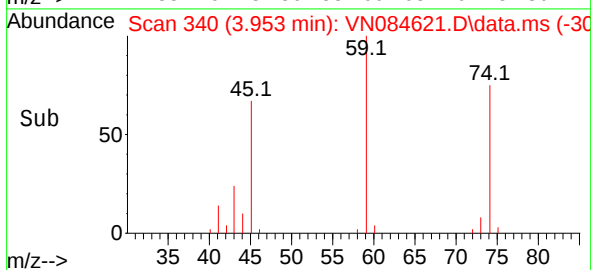
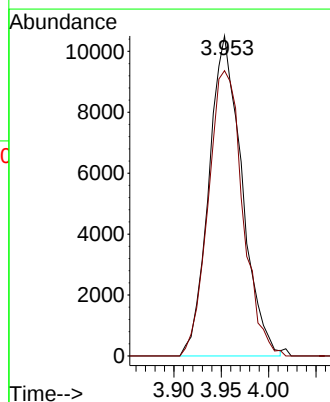
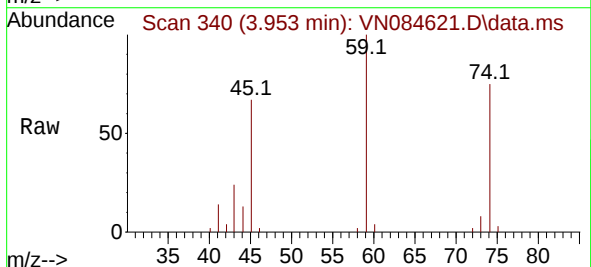
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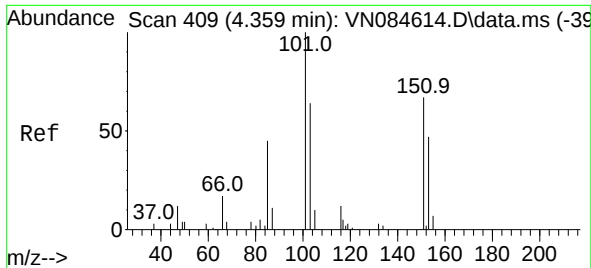
Tgt Ion:101 Resp: 71406
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.715 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084621.D
 Acq: 31 Oct 2024 15:49

Tgt Ion: 74 Resp: 25474
 Ion Ratio Lower Upper
 74 100
 45 93.0 19.8 178.4

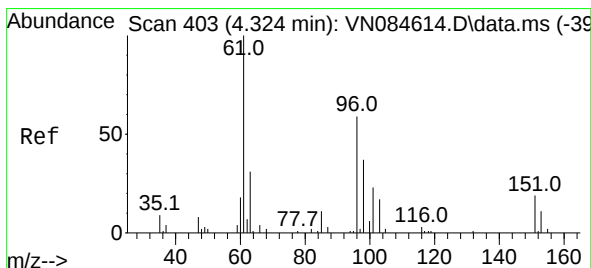
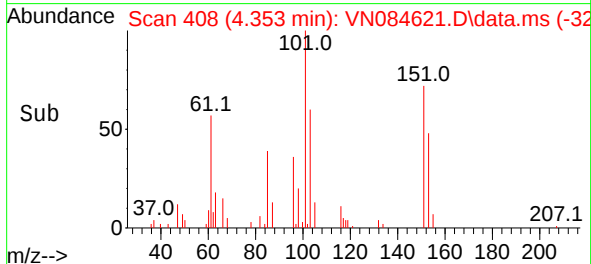
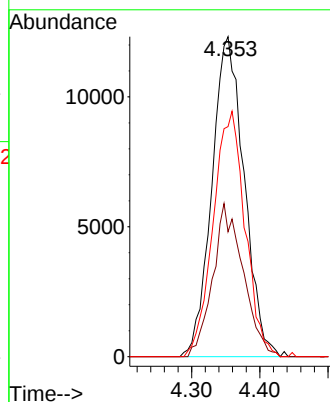
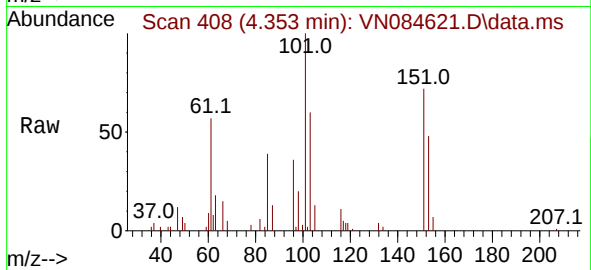




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.808 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
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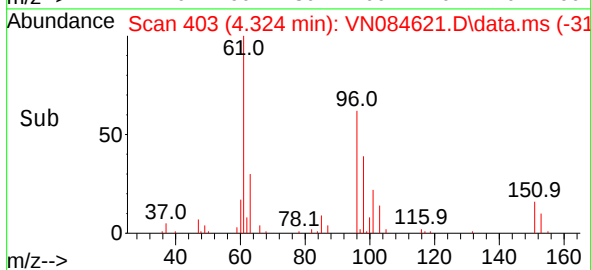
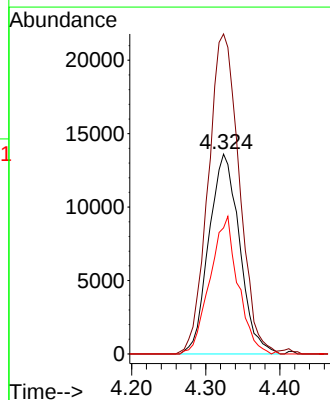
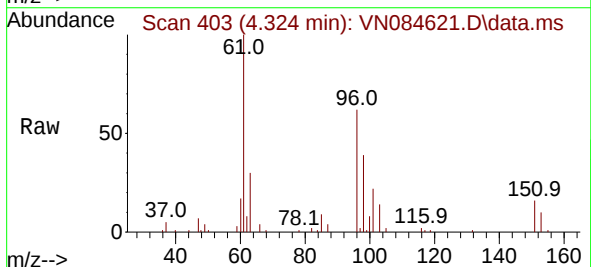
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

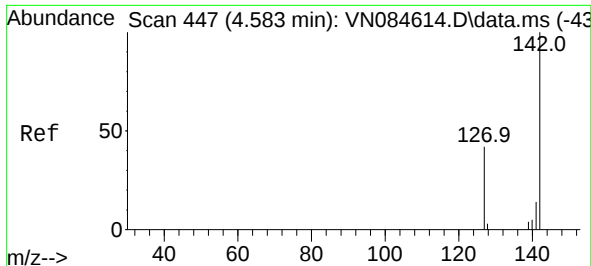
Tgt Ion:101 Resp: 40541
Ion Ratio Lower Upper
101 100
85 45.0 0.0 89.6
151 75.8 0.0 149.4



#10
1,1-Dichloroethene
Concen: 20.581 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 96 Resp: 39157
Ion Ratio Lower Upper
96 100
61 159.0 135.1 202.7
98 63.1 50.4 75.6

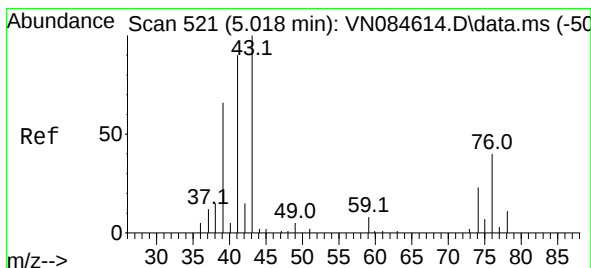
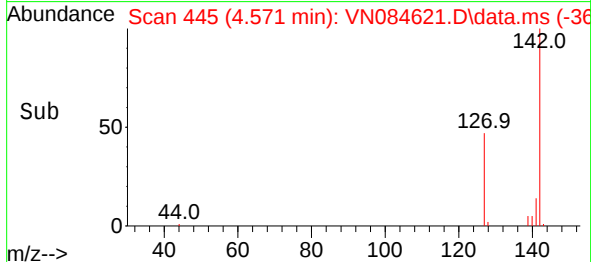
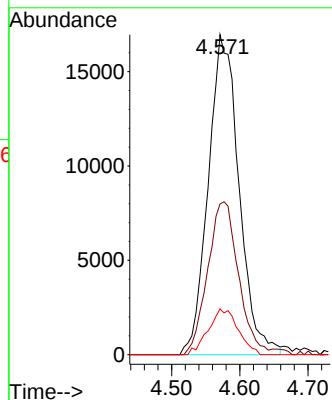
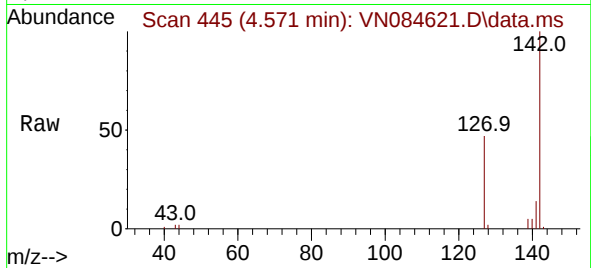




#11
Methyl Iodide
Concen: 20.333 ug/l
RT: 4.571 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

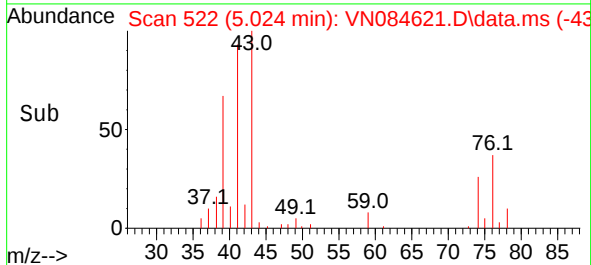
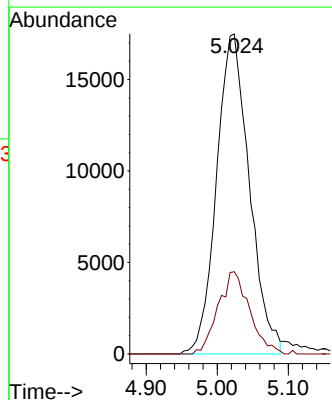
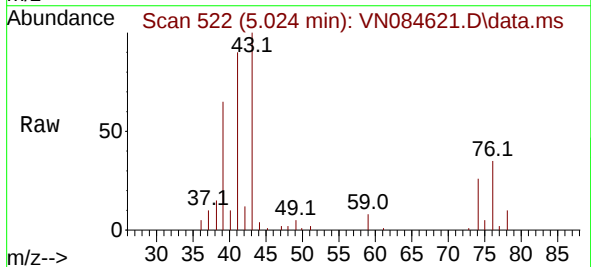
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

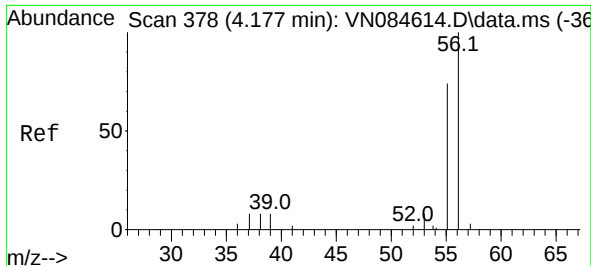
Tgt Ion:142 Resp: 53170
Ion Ratio Lower Upper
142 100
127 46.8 20.3 60.9
141 14.5 6.9 20.7



#12
Methyl Acetate
Concen: 18.930 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 43 Resp: 56139
Ion Ratio Lower Upper
43 100
74 25.8 19.0 28.4





#13

Acrolein

Concen: 102.437 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

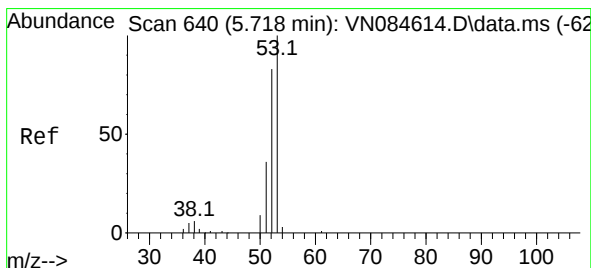
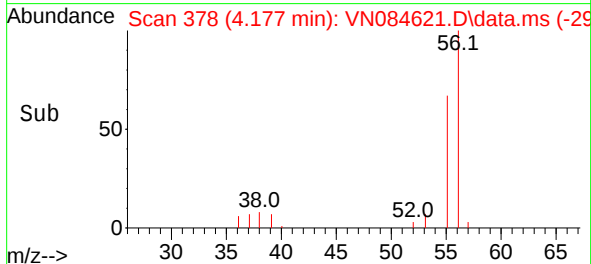
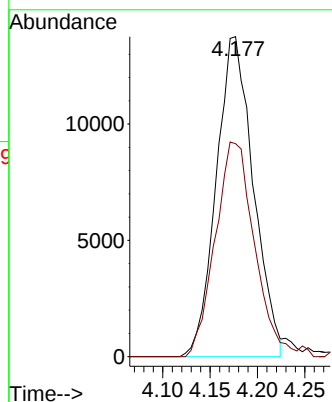
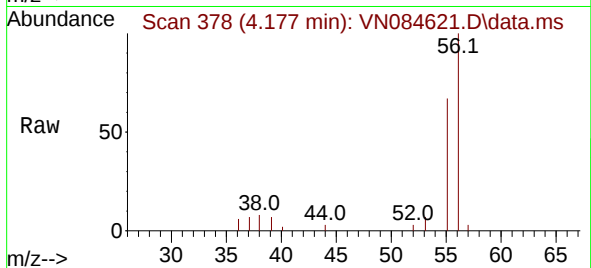
VN1031WBSD01

Tgt Ion: 56 Resp: 37462

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Acrylonitrile

Concen: 100.673 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

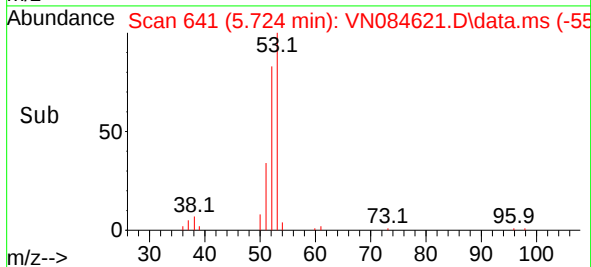
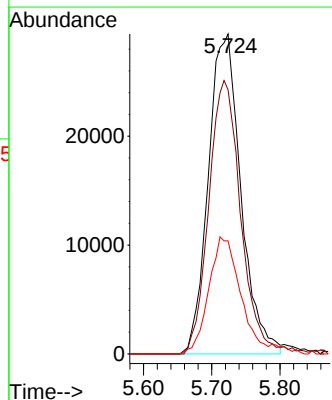
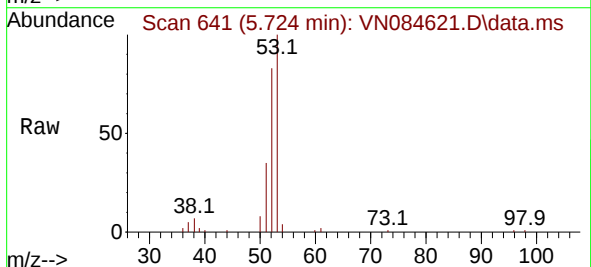
Tgt Ion: 53 Resp: 97670

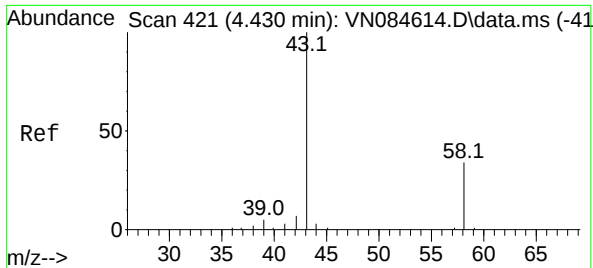
Ion Ratio Lower Upper

53 100

52 82.9 41.6 124.9

51 35.4 18.2 54.6

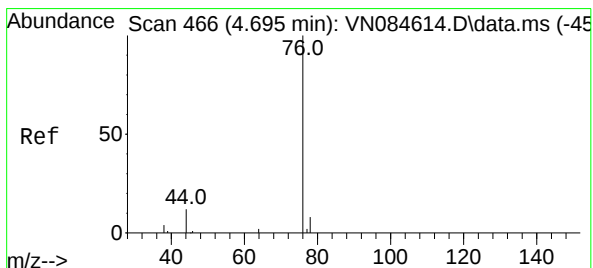
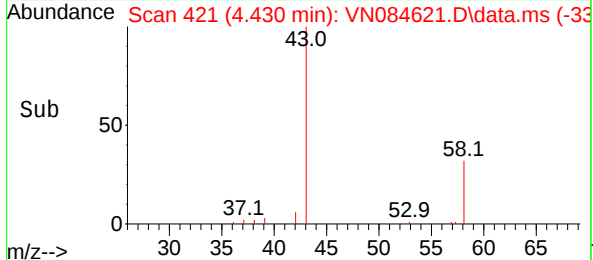
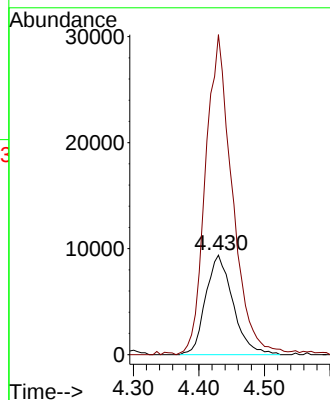
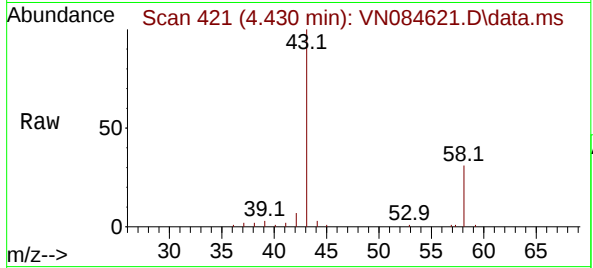




#15
Acetone
Concen: 109.034 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

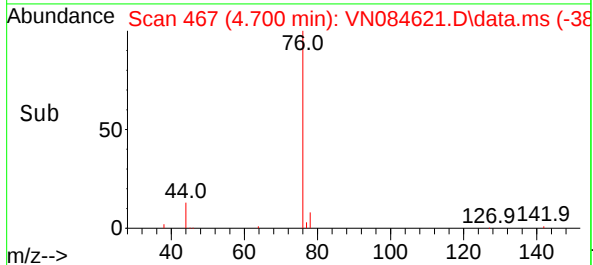
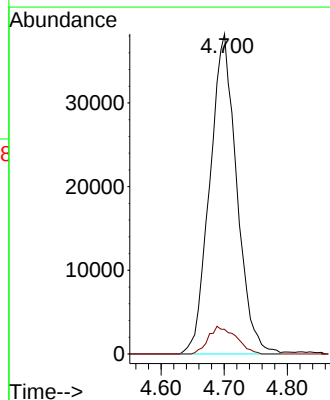
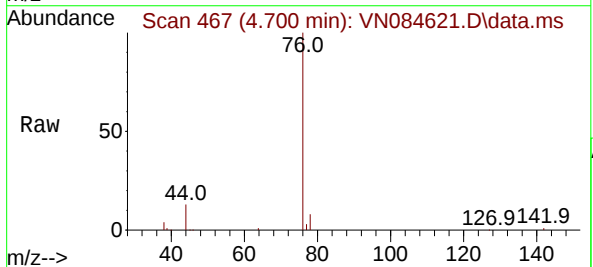
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

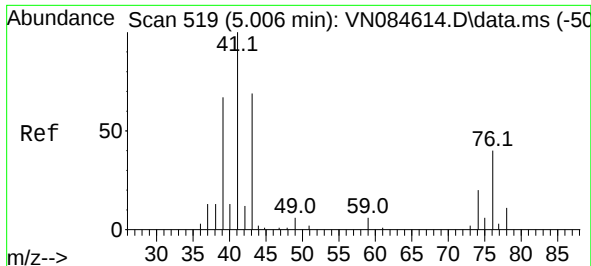
Tgt Ion: 58 Resp: 27180
Ion Ratio Lower Upper
58 100
43 319.7 233.0 349.6



#16
Carbon Disulfide
Concen: 20.200 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 76 Resp: 113085
Ion Ratio Lower Upper
76 100
78 7.7 6.6 9.8

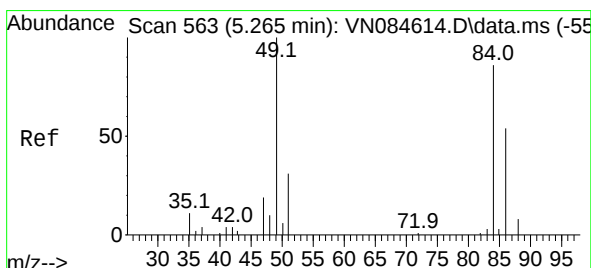
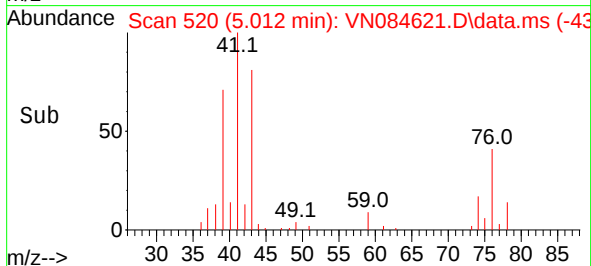
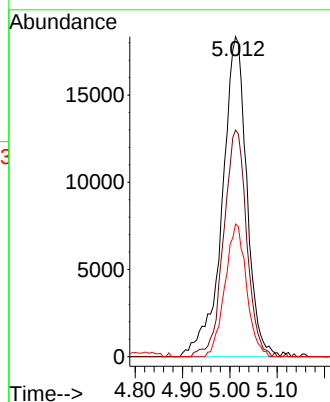
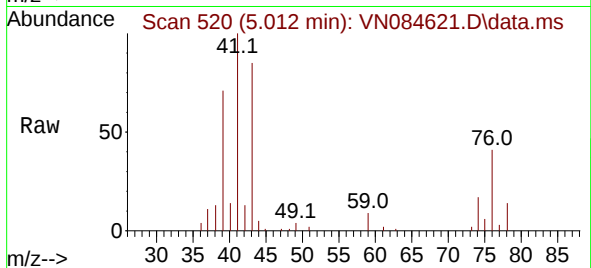




#17
Allyl chloride
Concen: 20.394 ug/l
RT: 5.012 min Scan# 519
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

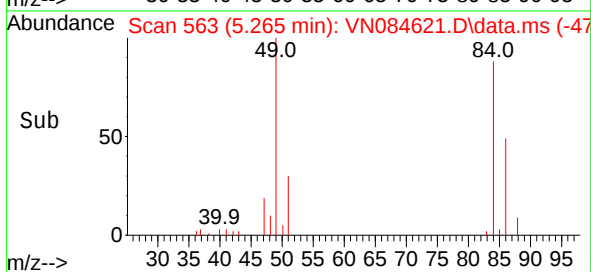
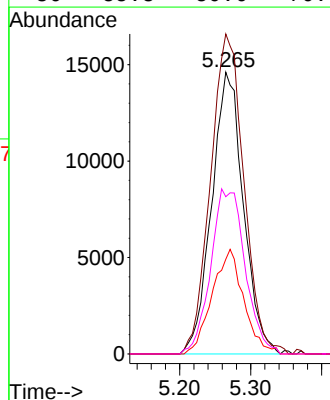
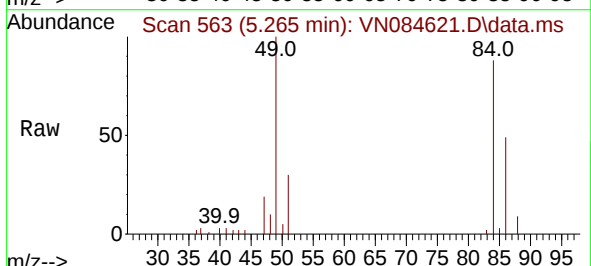
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

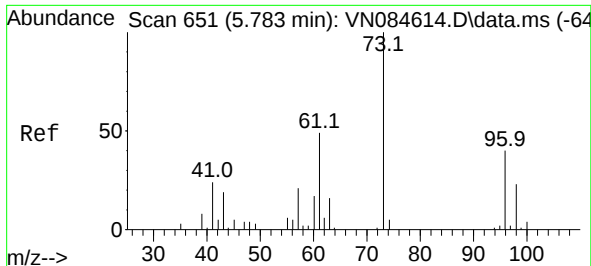
Tgt Ion: 41 Resp: 66114
Ion Ratio Lower Upper
41 100
39 70.8 33.4 100.2
76 41.4 20.2 60.6



#18
Methylene Chloride
Concen: 20.277 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 84 Resp: 45208
Ion Ratio Lower Upper
84 100
49 113.6 93.0 139.6
51 33.6 28.9 43.3
86 55.8 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 20.209 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

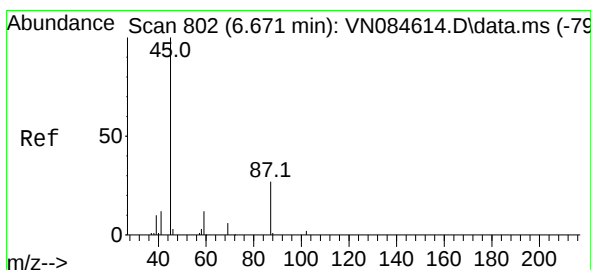
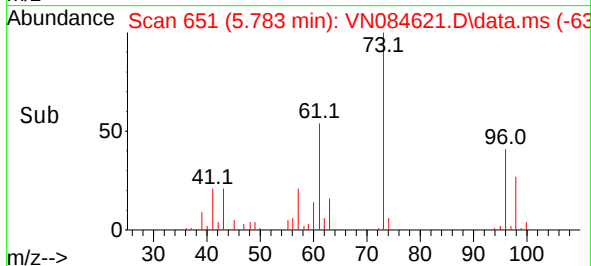
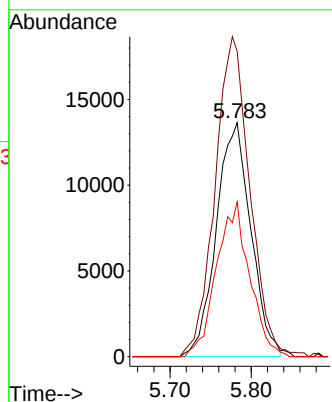
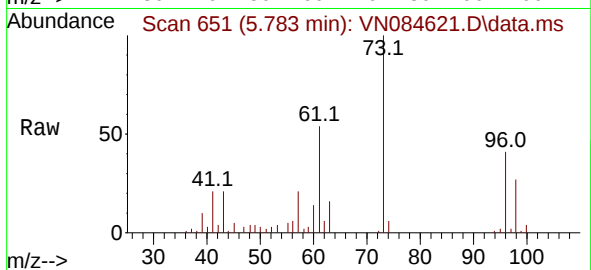
Tgt Ion: 96 Resp: 40300

Ion Ratio Lower Upper

96 100

61 130.6 98.1 147.1

98 66.2 46.6 69.8



#20

Diisopropyl ether

Concen: 20.572 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion: 45 Resp: 133508

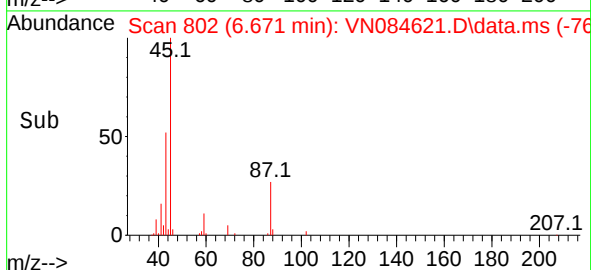
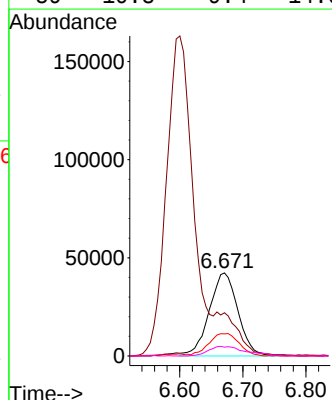
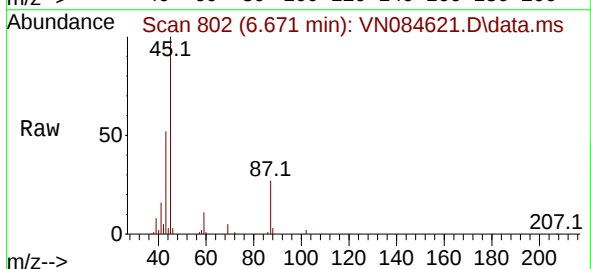
Ion Ratio Lower Upper

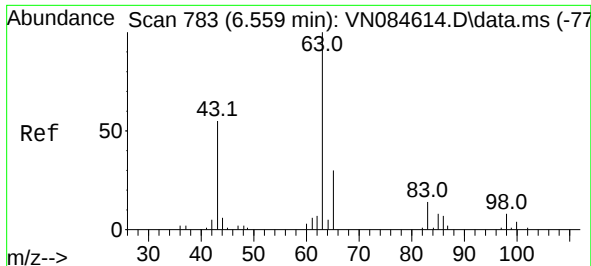
45 100

43 50.8 42.6 64.0

87 26.7 23.0 34.4

59 10.8 9.4 14.0





#21

1,1-Dichloroethane

Concen: 20.023 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

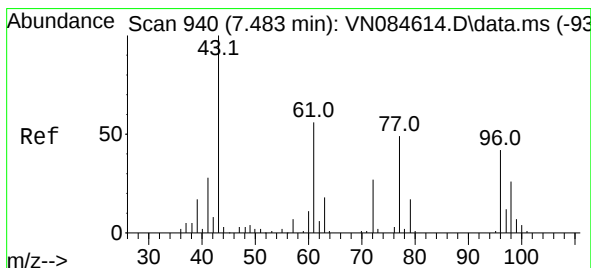
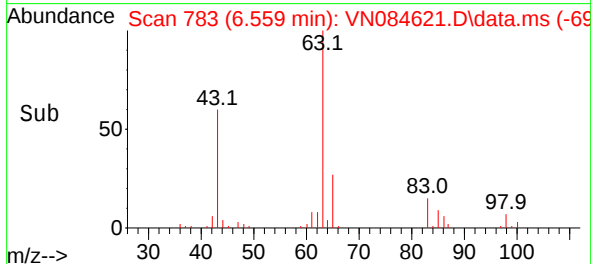
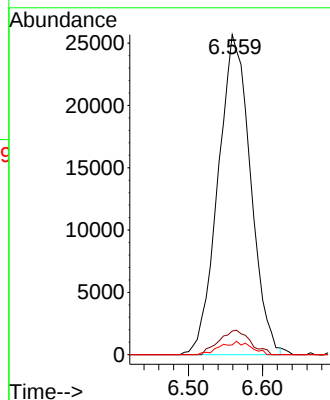
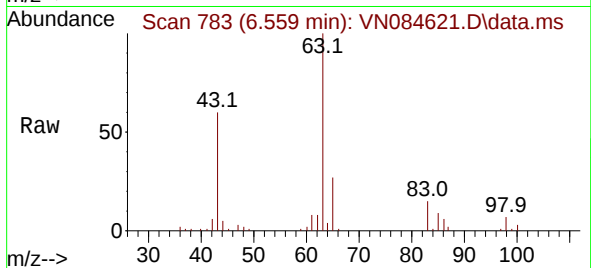
Tgt Ion: 63 Resp: 78145

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 3.0 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 20.177 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

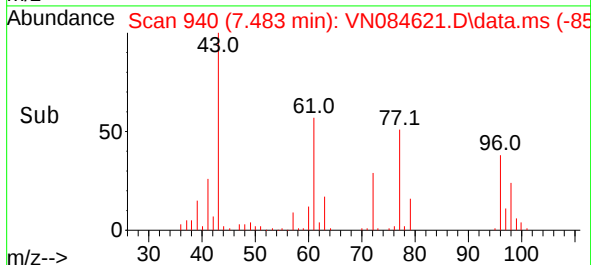
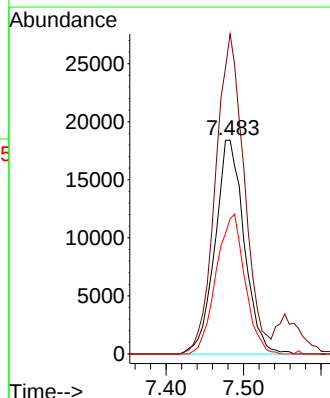
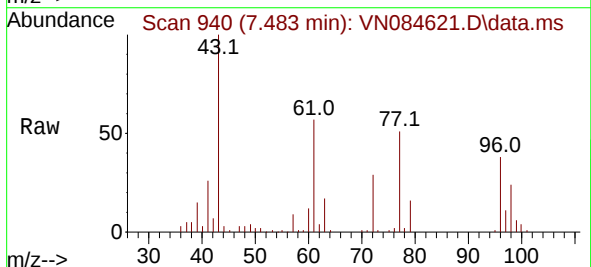
Tgt Ion: 96 Resp: 48039

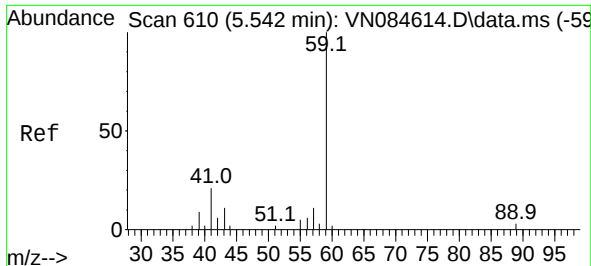
Ion Ratio Lower Upper

96 100

61 148.0 121.8 182.8

98 64.6 53.2 79.8

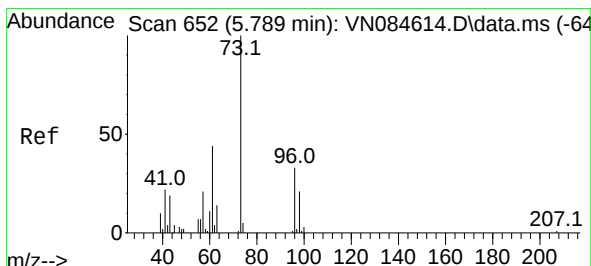
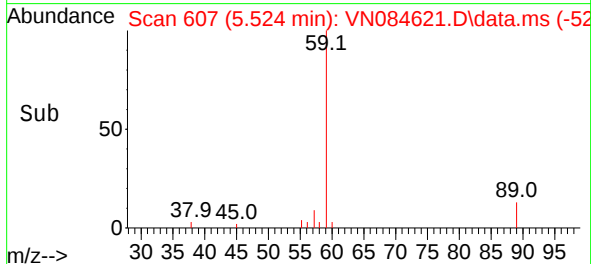
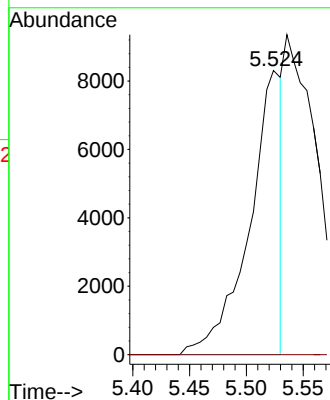
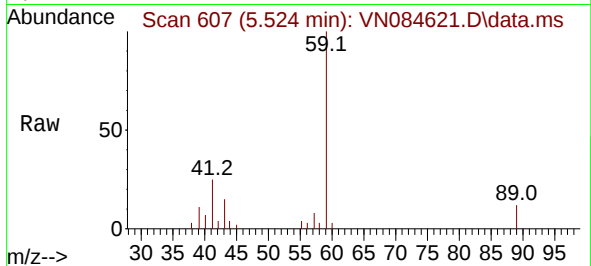




#23
tert-Butyl Alcohol
Concen: 48.598 ug/l
RT: 5.524 min Scan# 610
Delta R.T. -0.018 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

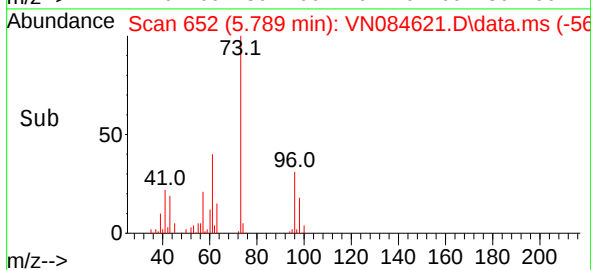
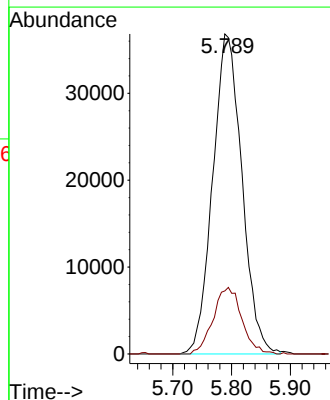
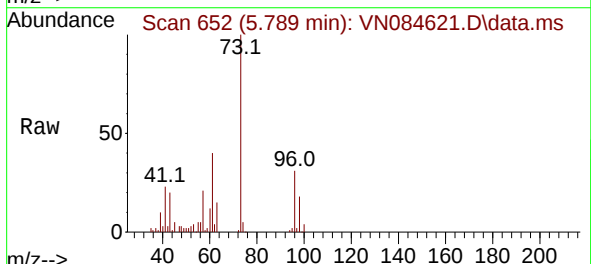
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

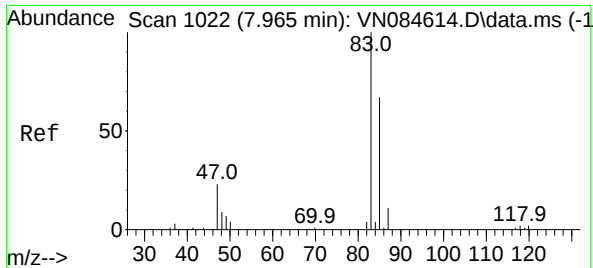
Tgt Ion: 59 Resp: 16460
Ion Ratio Lower Upper
59 100
52 492.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.649 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 73 Resp: 127042
Ion Ratio Lower Upper
73 100
43 20.2 16.5 24.7

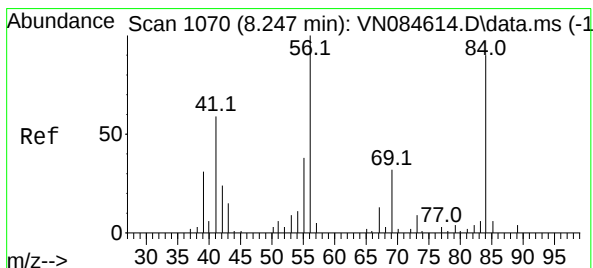
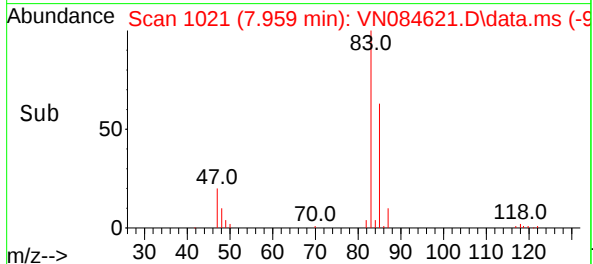
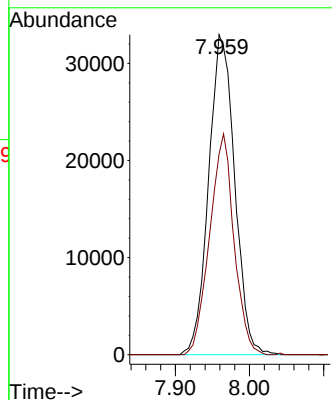
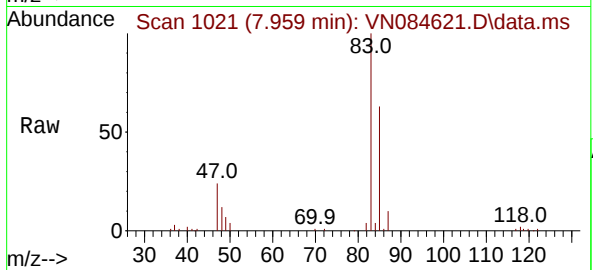




#25
Chloroform
Concen: 20.139 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

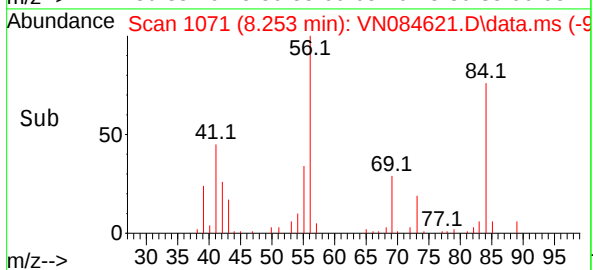
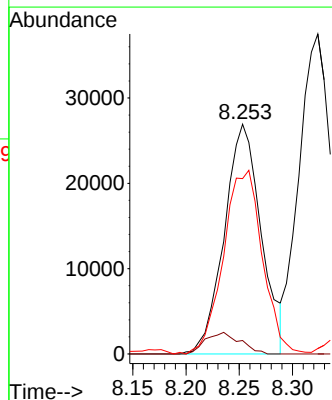
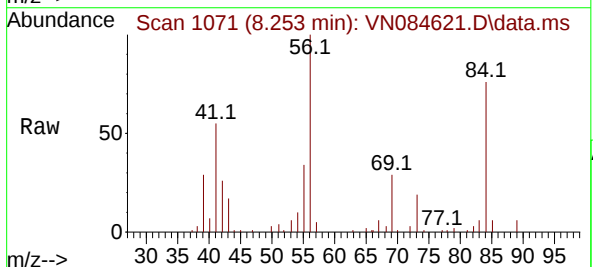
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

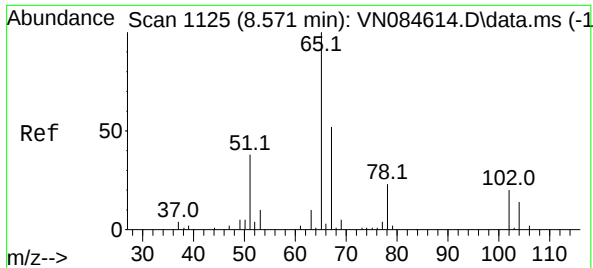
Tgt Ion: 83 Resp: 80528
Ion Ratio Lower Upper
83 100
85 62.7 53.4 80.2



#26
Cyclohexane
Concen: 21.773 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 56 Resp: 64909
Ion Ratio Lower Upper
56 100
89 8.9 3.0 4.4#
84 84.3 70.6 106.0

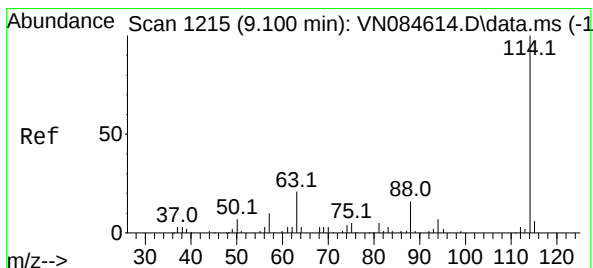
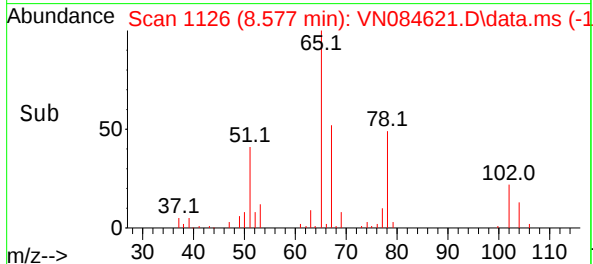
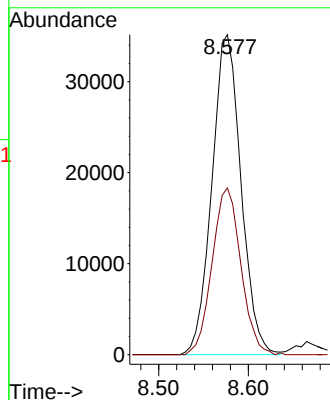
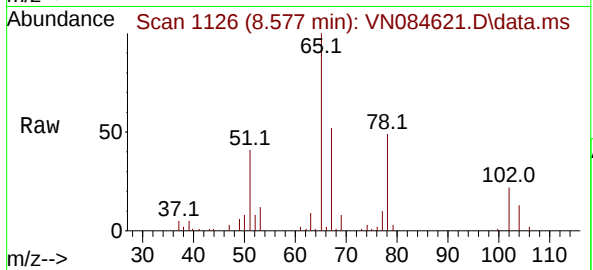




#27
1,2-Dichloroethane-d4
Concen: 30.205 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

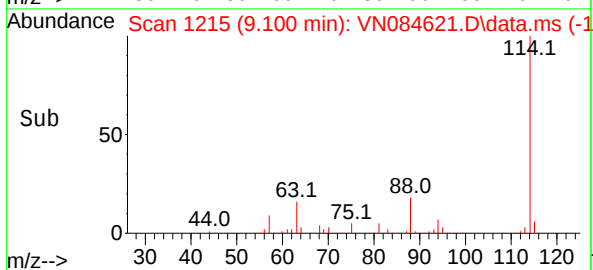
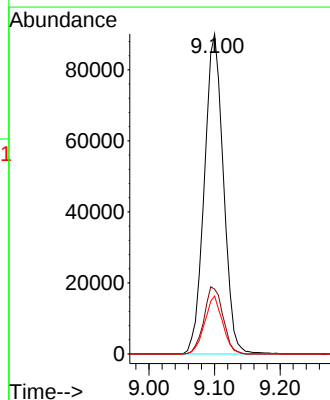
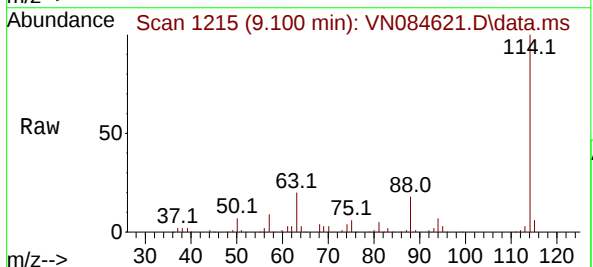
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

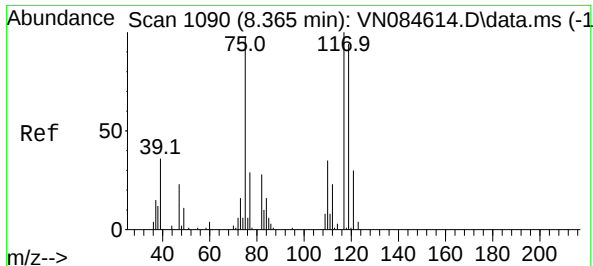
Tgt Ion: 65 Resp: 79275
Ion Ratio Lower Upper
65 100
67 51.3 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 114 Resp: 182685
Ion Ratio Lower Upper
114 100
63 20.9 16.8 25.2
88 16.9 12.9 19.3

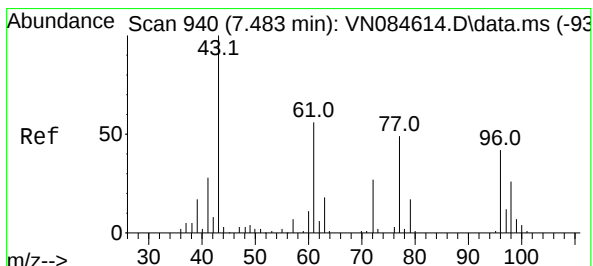
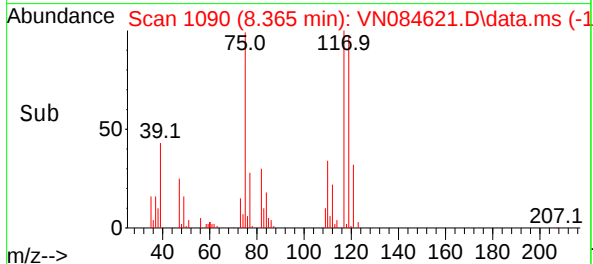
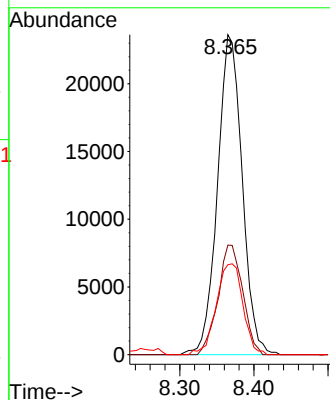
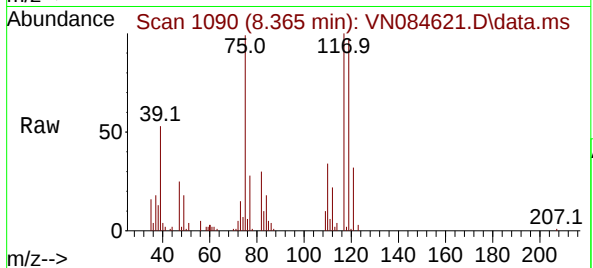




#29
1,1-Dichloropropene
Concen: 19.862 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

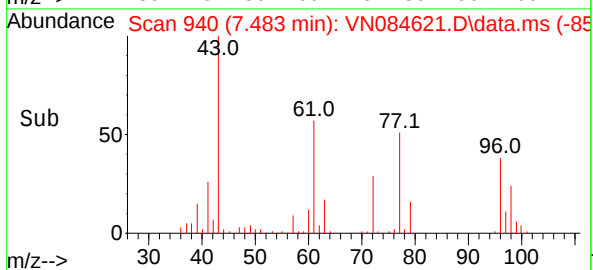
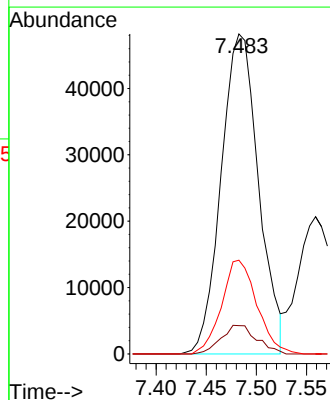
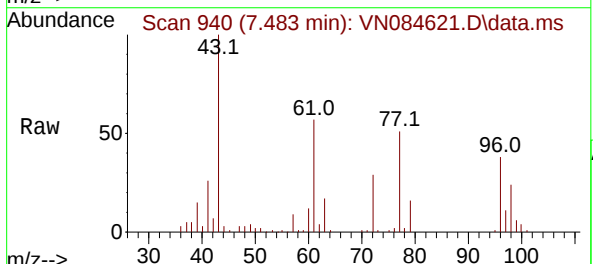
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

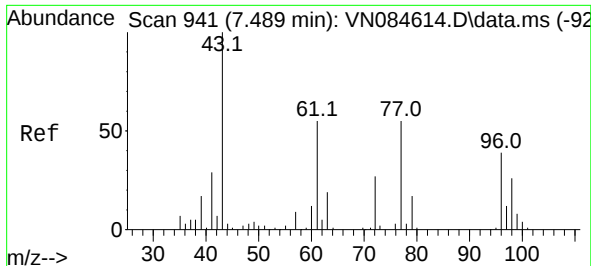
Tgt Ion: 75 Resp: 54654
Ion Ratio Lower Upper
75 100
110 34.3 0.0 69.4
77 30.6 0.0 62.0



#30
2-Butanone
Concen: 98.597 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 43 Resp: 125147
Ion Ratio Lower Upper
43 100
57 8.5 6.2 9.4
72 27.7 21.5 32.3

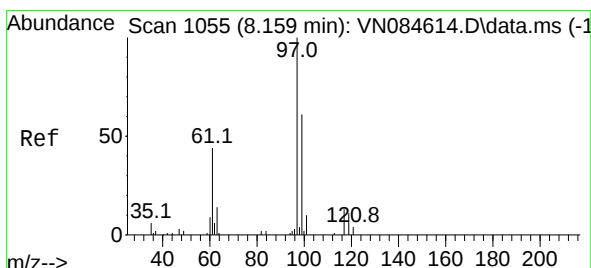
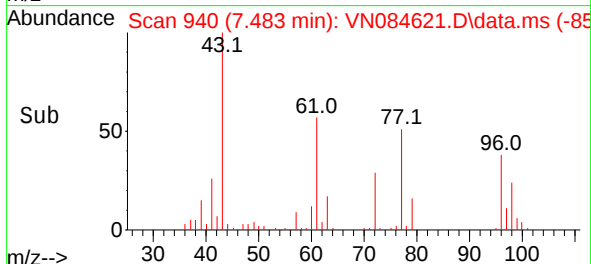
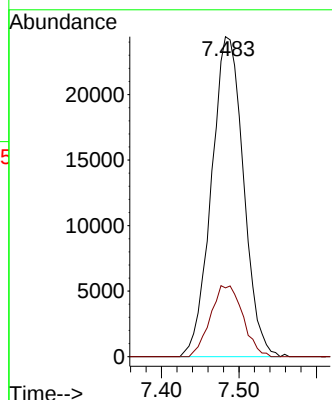
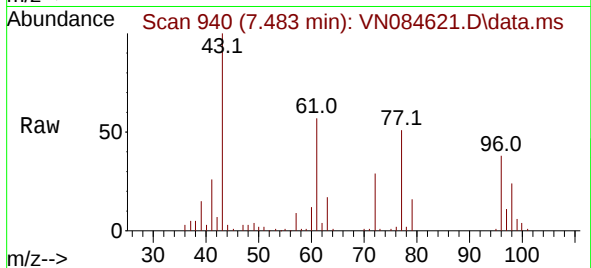




#31
2,2-Dichloropropane
Concen: 20.864 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

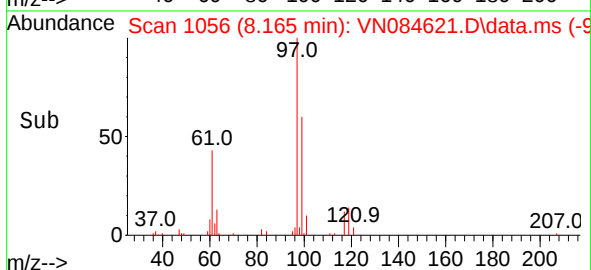
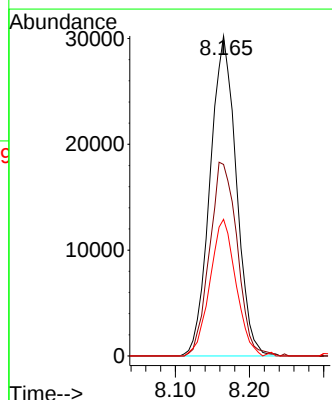
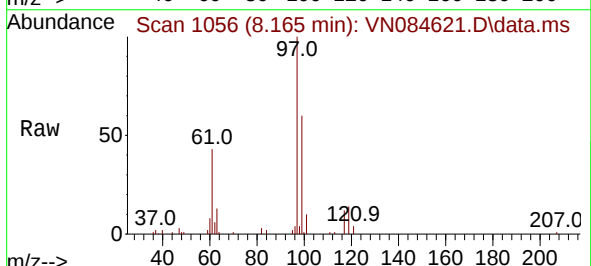
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

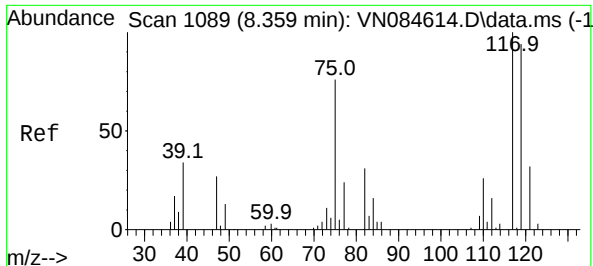
Tgt Ion: 77 Resp: 70080
Ion Ratio Lower Upper
77 100
97 22.5 17.4 26.2



#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 97 Resp: 74479
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 42.2 34.2 51.4





#33

Carbon Tetrachloride

Concen: 19.837 ug/l

RT: 8.359 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

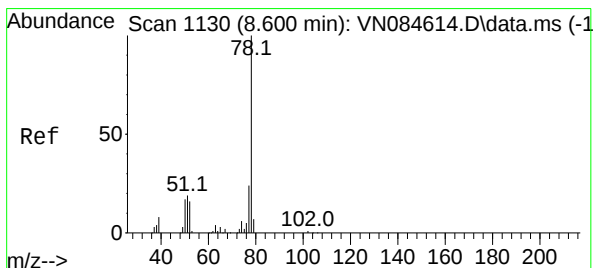
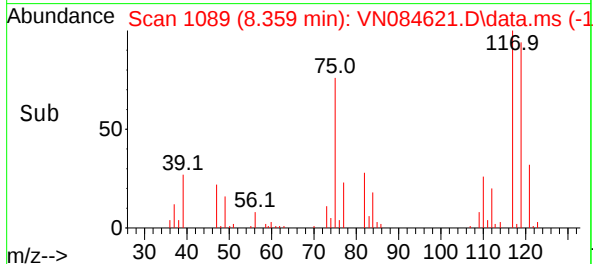
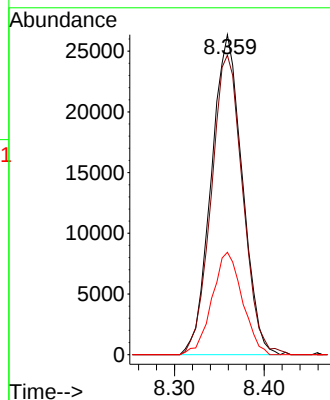
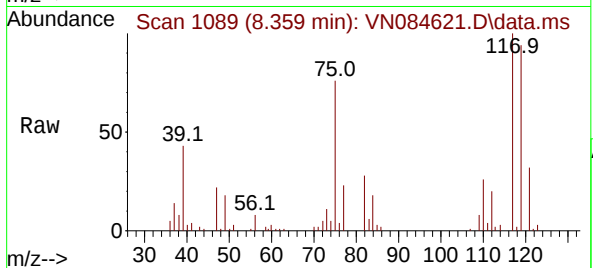
Tgt Ion:117 Resp: 63277

Ion Ratio Lower Upper

117 100

119 93.6 75.7 113.5

121 32.0 25.4 38.0



#34

Benzene

Concen: 19.480 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

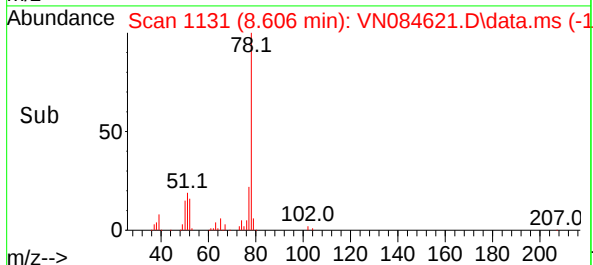
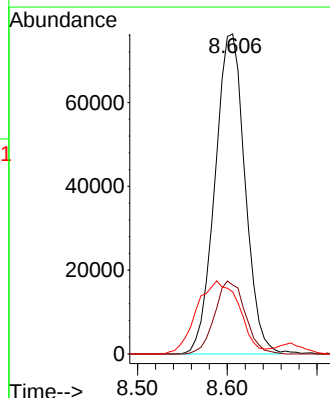
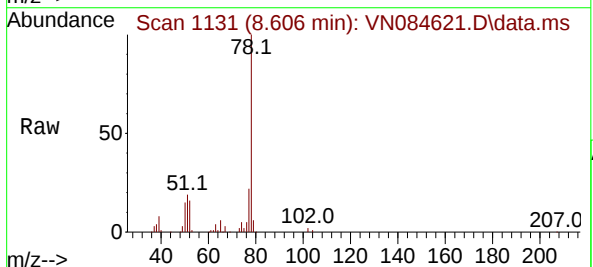
Tgt Ion: 78 Resp: 177177

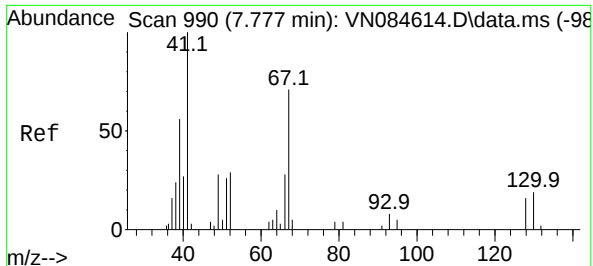
Ion Ratio Lower Upper

78 100

77 21.5 19.3 28.9

51 16.9 16.1 24.1





#35

Methacrylonitrile

Concen: 18.906 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 41 Resp: 28441

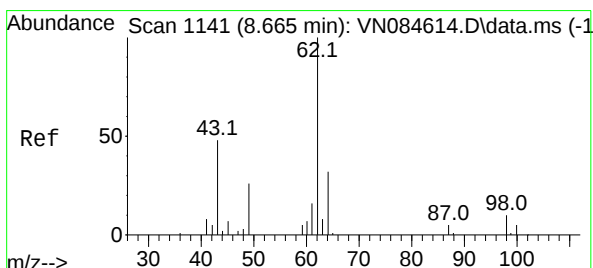
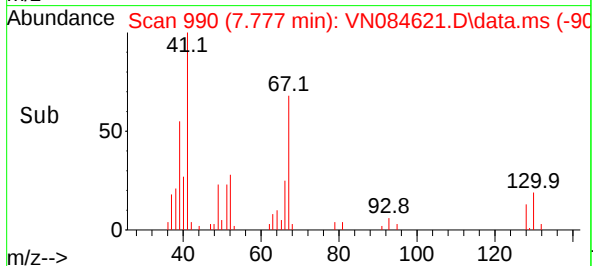
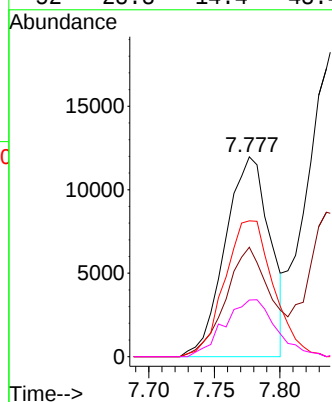
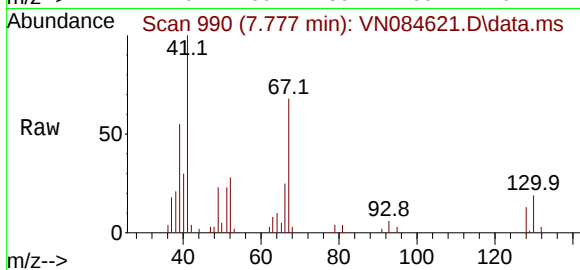
Ion Ratio Lower Upper

41 100

39 54.8 28.2 84.6

67 67.9 35.6 106.8

52 28.3 14.4 43.4



#36

1,2-Dichloroethane

Concen: 19.259 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VN084621.D

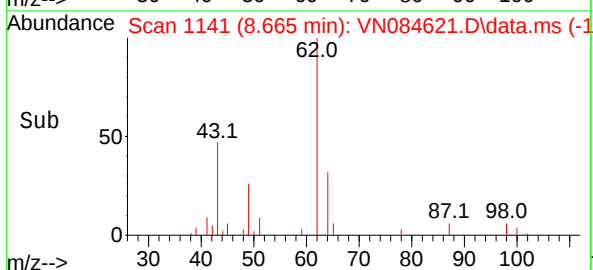
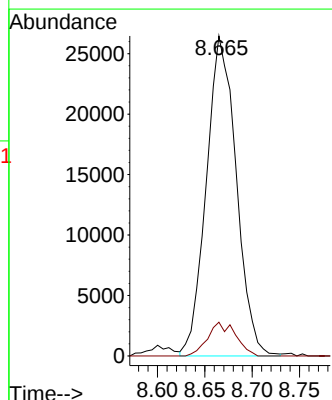
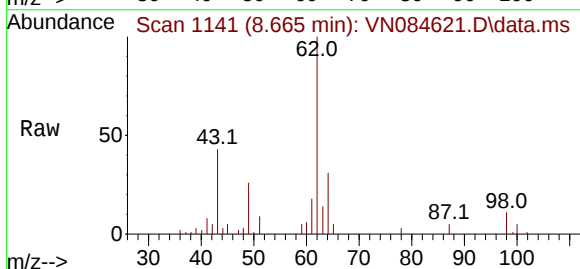
Acq: 31 Oct 2024 15:49

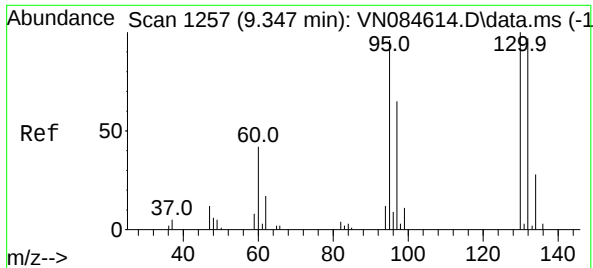
Tgt Ion: 62 Resp: 58249

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6

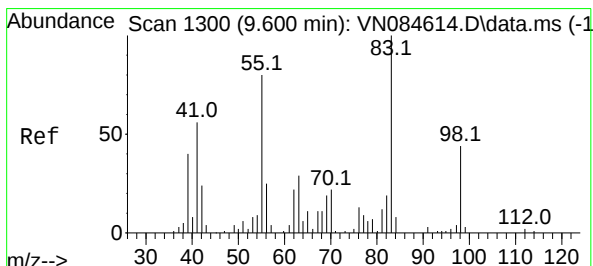
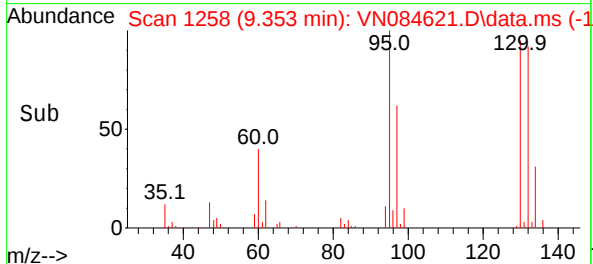
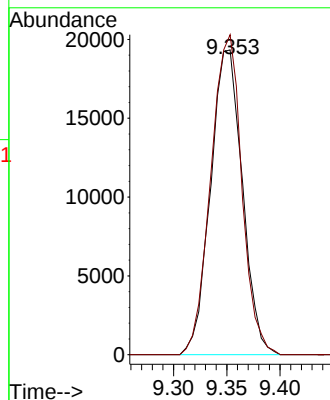
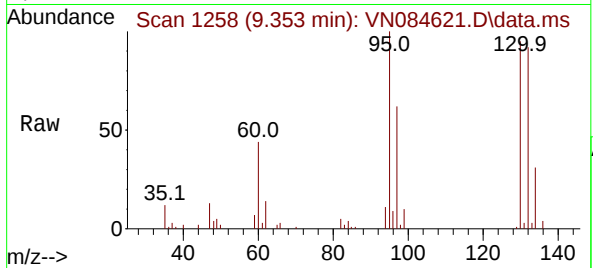




#37
Trichloroethene
Concen: 19.591 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

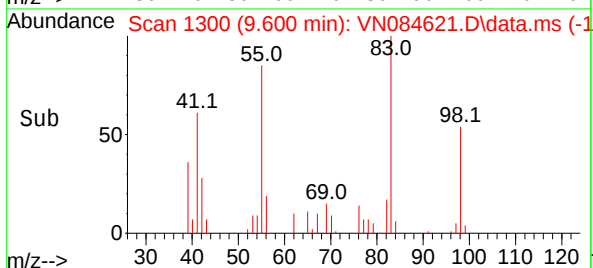
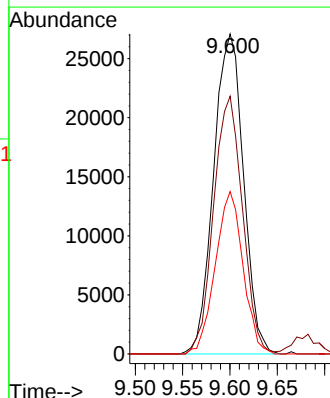
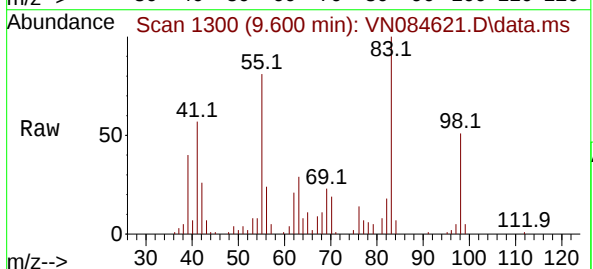
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

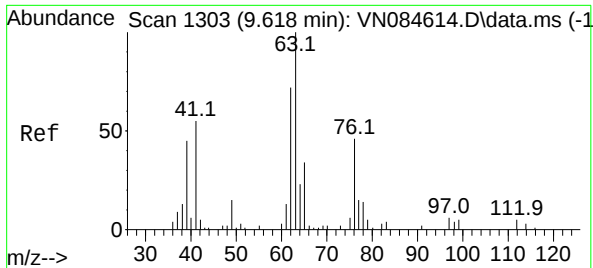
Tgt Ion:130 Resp: 40196
Ion Ratio Lower Upper
130 100
95 105.0 76.6 115.0



#38
Methylcyclohexane
Concen: 20.032 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 83 Resp: 59338
Ion Ratio Lower Upper
83 100
55 77.9 39.6 118.8
98 47.2 23.2 69.5

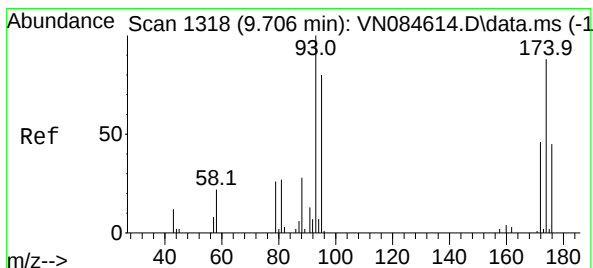
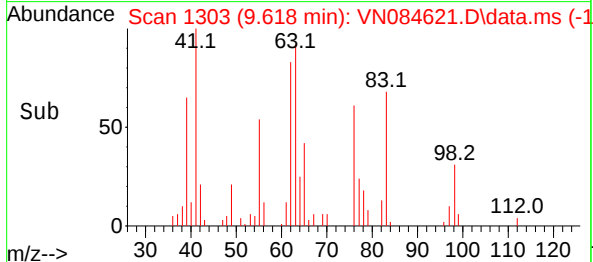
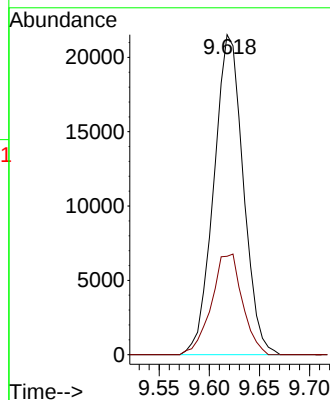
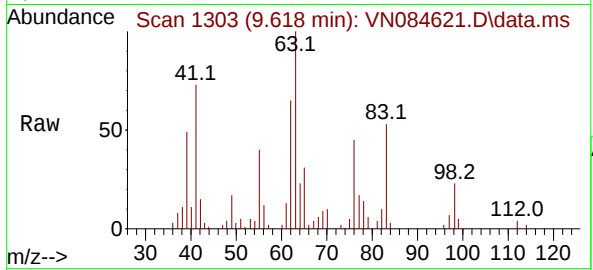




#39
1,2-Dichloropropane
Concen: 20.103 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

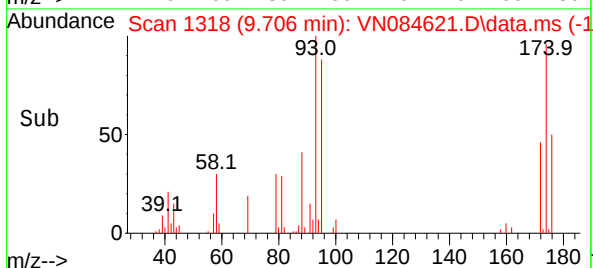
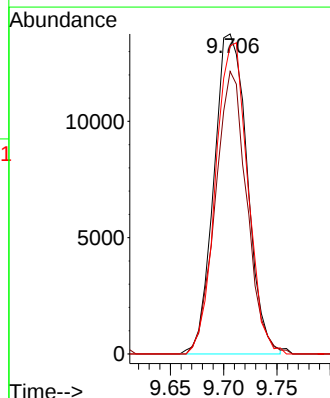
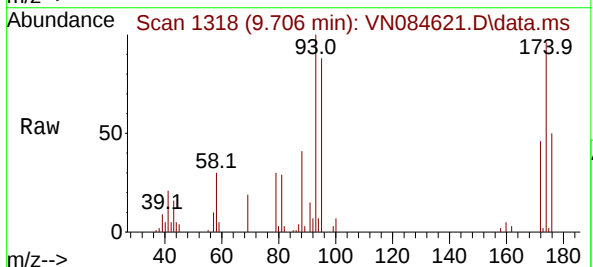
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

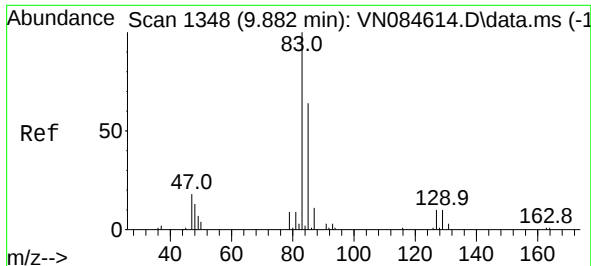
Tgt Ion: 63 Resp: 44012
Ion Ratio Lower Upper
63 100
65 30.7 27.8 41.8



#40
Dibromomethane
Concen: 19.519 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 93 Resp: 29895
Ion Ratio Lower Upper
93 100
95 83.4 0.0 168.4
174 93.7 0.0 183.4

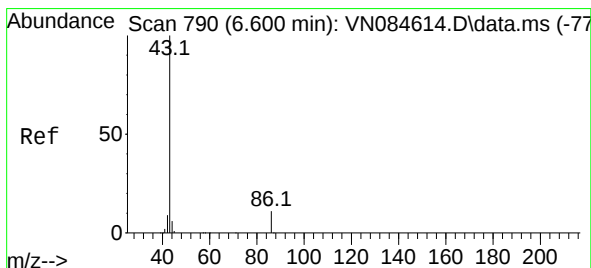
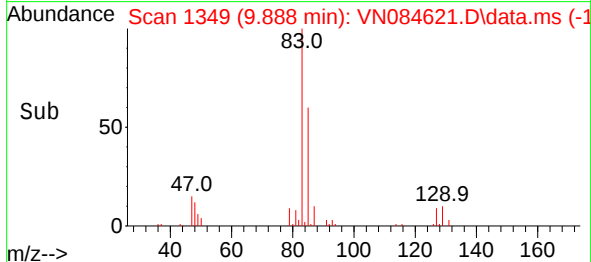
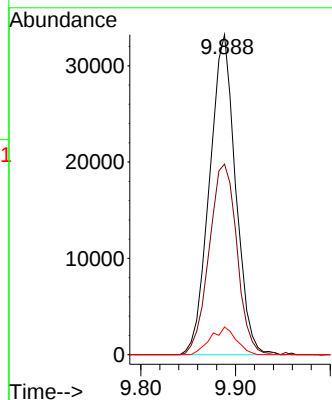
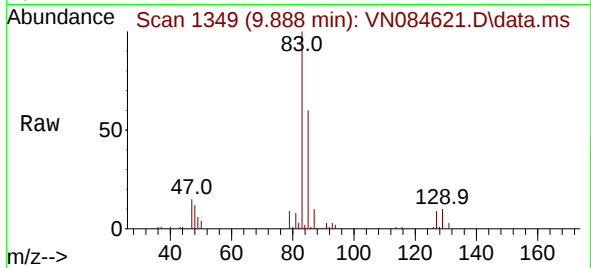




#41
Bromodichloromethane
Concen: 19.335 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

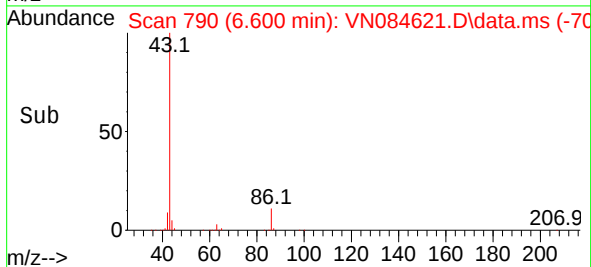
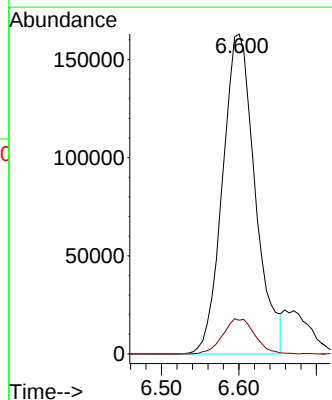
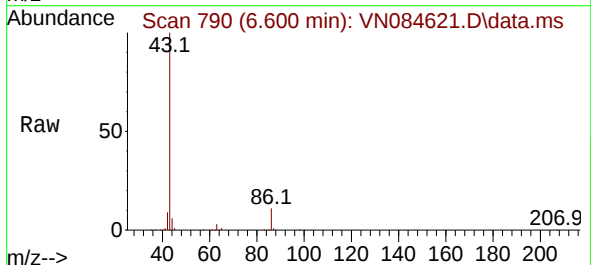
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

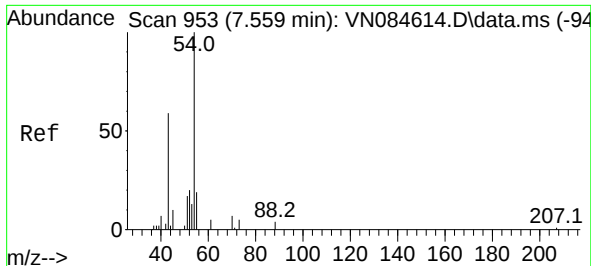
Tgt Ion: 83 Resp: 63485
Ion Ratio Lower Upper
83 100
85 59.6 51.0 76.6
127 8.6 7.8 11.6



#42
Vinyl Acetate
Concen: 100.583 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 43 Resp: 477204
Ion Ratio Lower Upper
43 100
86 10.8 8.6 13.0





#43

Ethyl Acetate

Concen: 19.730 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

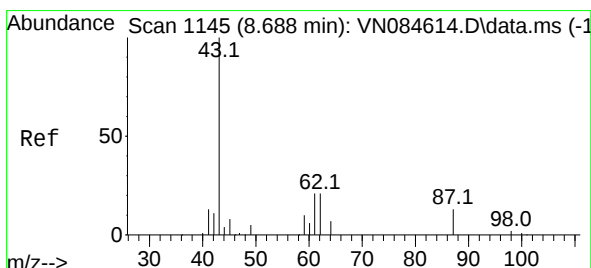
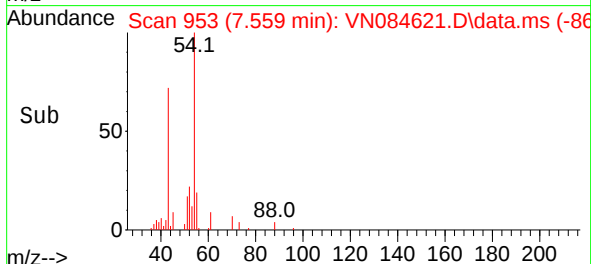
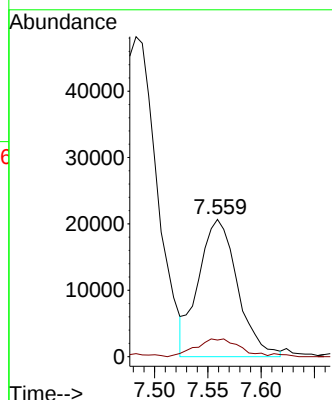
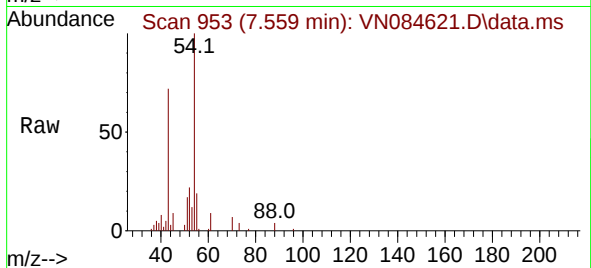
VN1031WBSD01

Tgt Ion: 43 Resp: 52620

Ion Ratio Lower Upper

43 100

45 13.9 11.0 16.4



#44

Isopropyl Acetate

Concen: 17.576 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084621.D

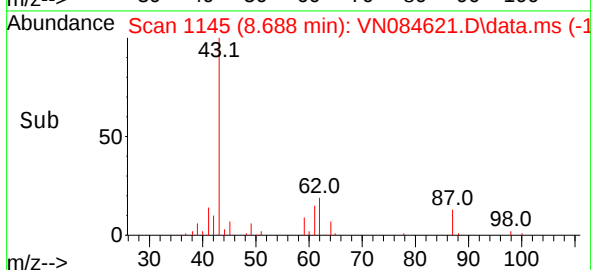
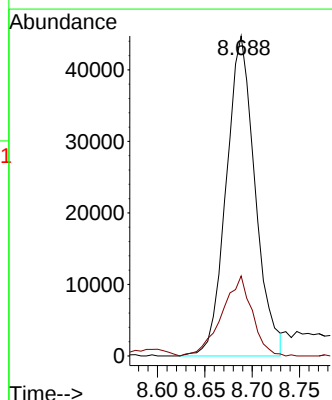
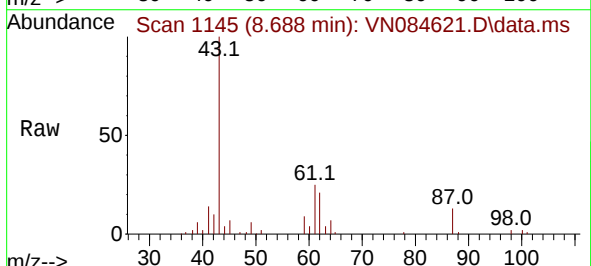
Acq: 31 Oct 2024 15:49

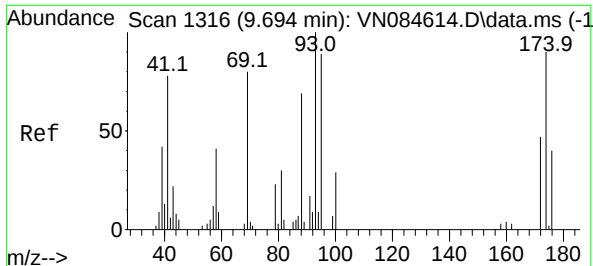
Tgt Ion: 43 Resp: 94921

Ion Ratio Lower Upper

43 100

61 26.1 19.8 29.8





#45

1,4-Dioxane

Concen: 434.863 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

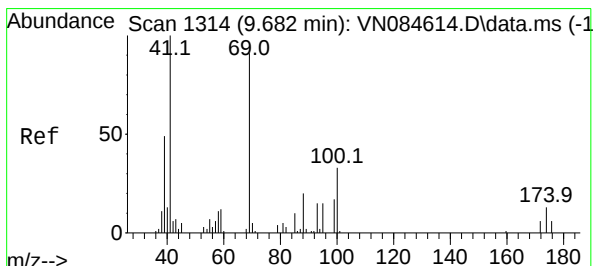
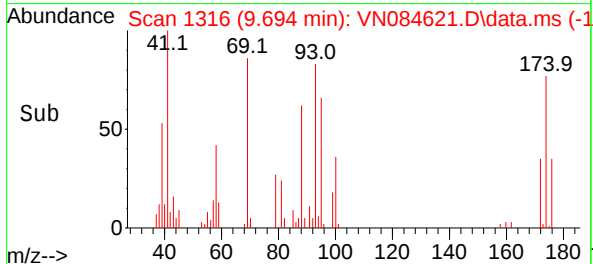
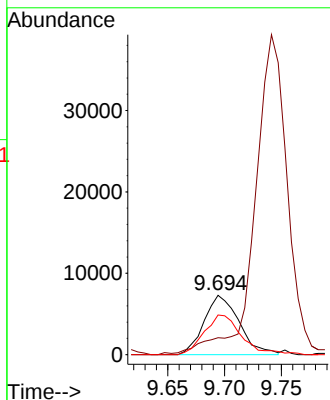
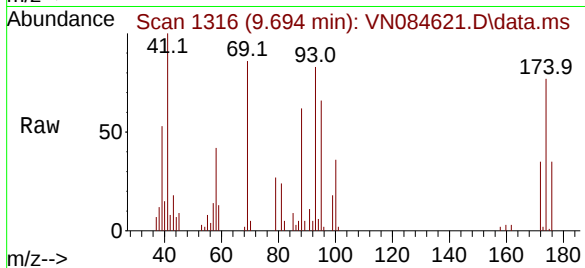
Tgt Ion: 88 Resp: 15679

Ion Ratio Lower Upper

88 100

43 0.9 20.8 31.2#

58 67.8 53.4 80.2



#46

Methyl methacrylate

Concen: 19.214 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

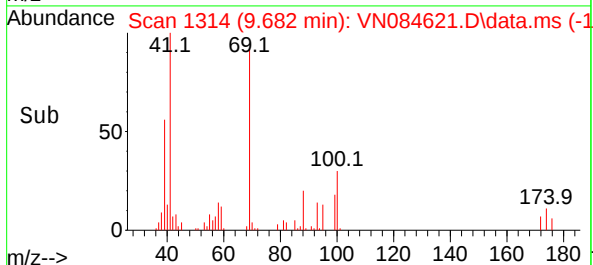
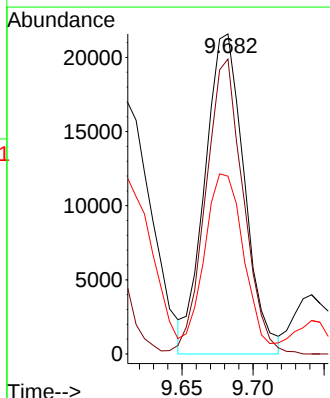
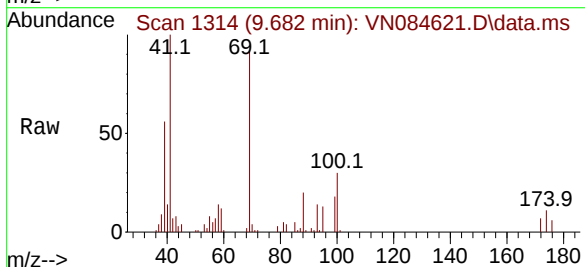
Tgt Ion: 41 Resp: 41700

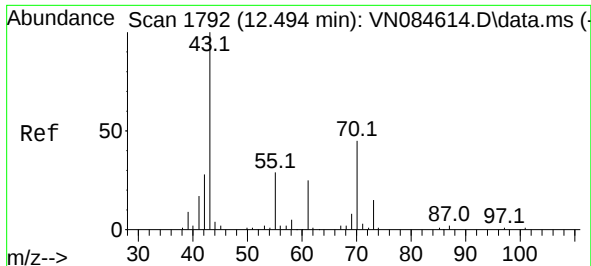
Ion Ratio Lower Upper

41 100

69 95.4 43.4 130.2

39 55.2 24.7 74.1





#47

n-amyl acetate

Concen: 20.075 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

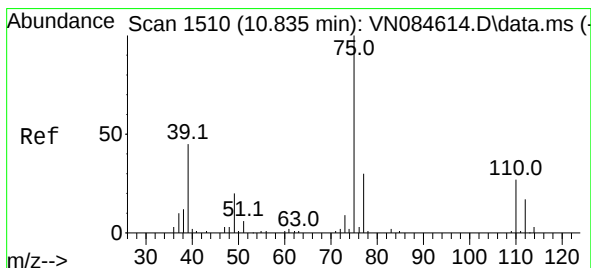
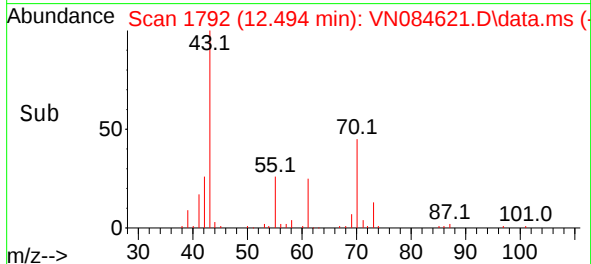
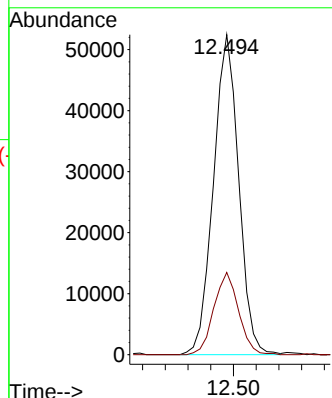
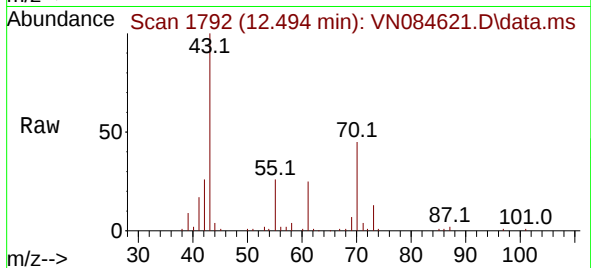
VN1031WBSD01

Tgt Ion: 43 Resp: 80970

Ion Ratio Lower Upper

43 100

55 25.1 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 19.713 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084621.D

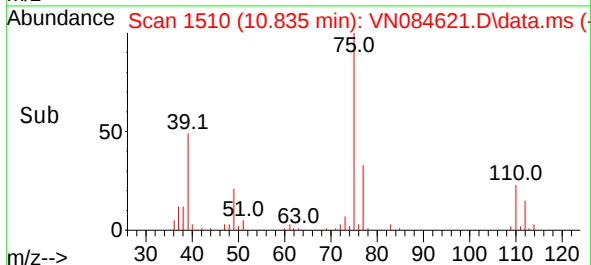
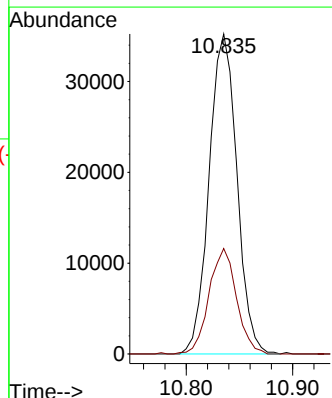
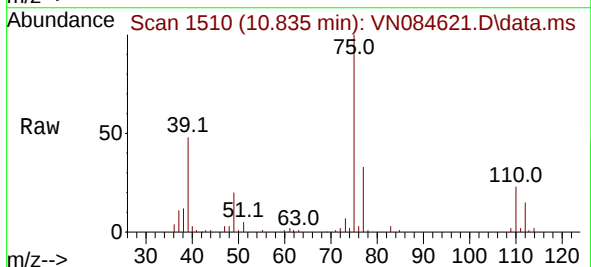
Acq: 31 Oct 2024 15:49

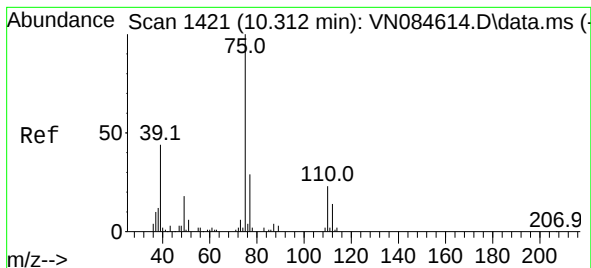
Tgt Ion: 75 Resp: 63914

Ion Ratio Lower Upper

75 100

77 33.0 24.4 36.6

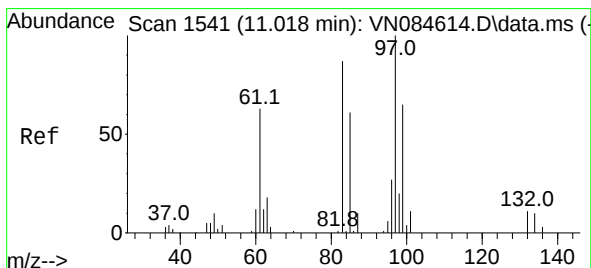
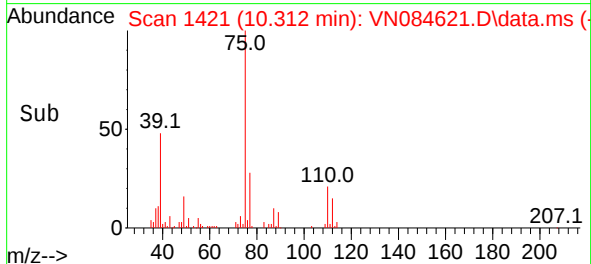
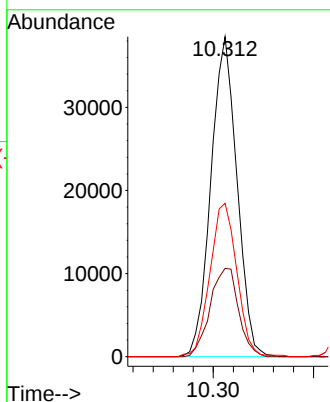
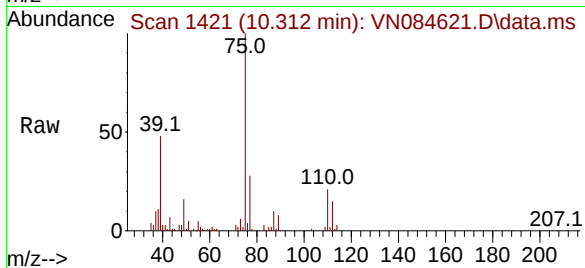




#49
cis-1,3-Dichloropropene
Concen: 19.987 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

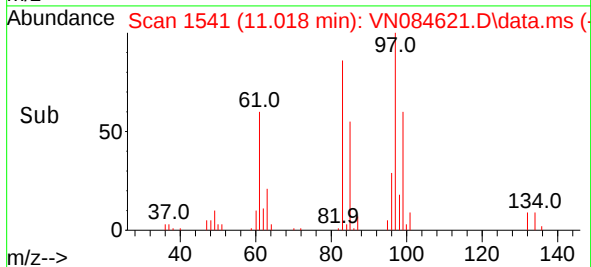
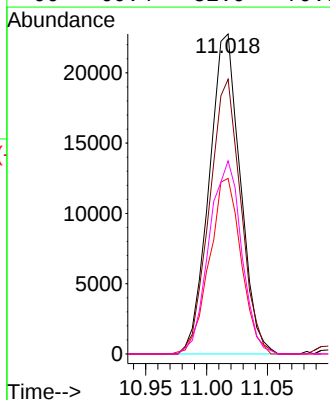
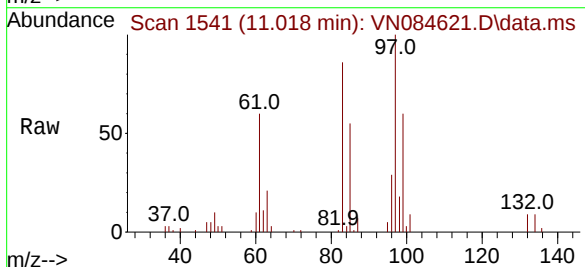
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

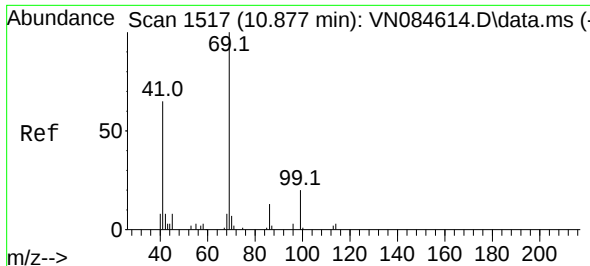
Tgt Ion: 75 Resp: 69450
Ion Ratio Lower Upper
75 100
77 27.6 23.4 35.2
39 47.9 35.4 53.2



#50
1,1,2-Trichloroethane
Concen: 19.718 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 97 Resp: 40510
Ion Ratio Lower Upper
97 100
83 85.8 69.8 104.8
85 54.9 48.6 73.0
99 60.4 52.9 79.3

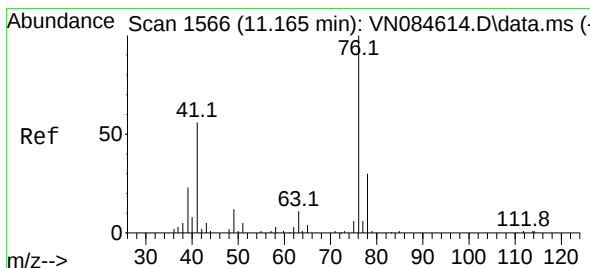
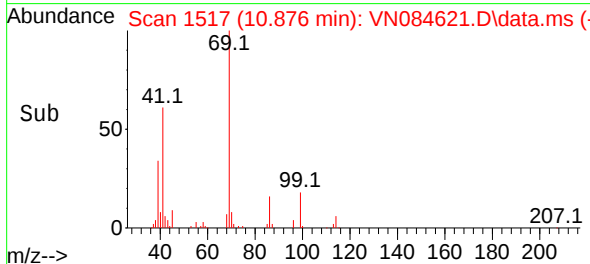
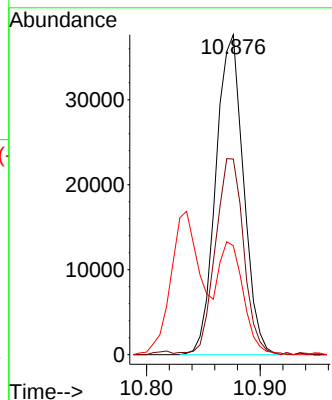
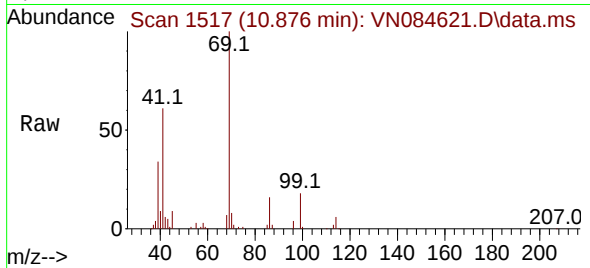




#51
Ethyl methacrylate
Concen: 20.093 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

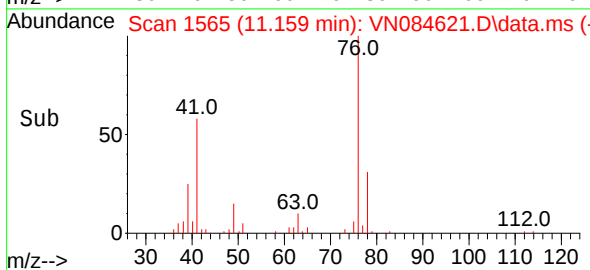
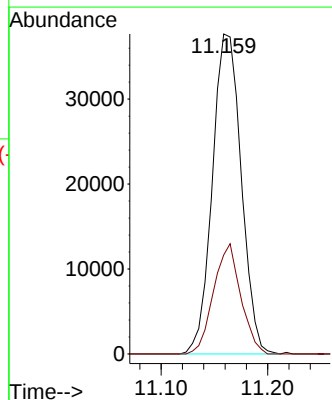
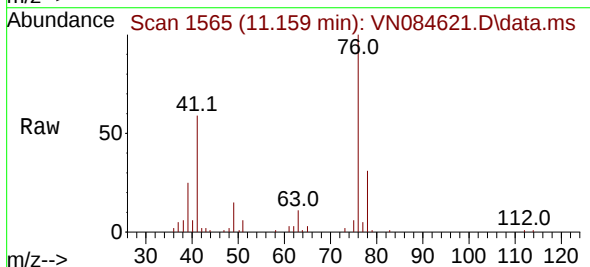
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

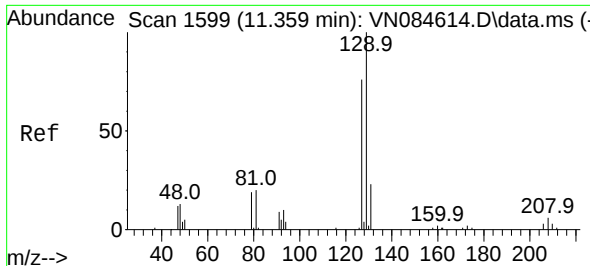
Tgt Ion: 69 Resp: 63630
Ion Ratio Lower Upper
69 100
41 60.6 32.8 98.3
39 34.1 15.4 46.1



#52
1,3-Dichloropropane
Concen: 19.876 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 76 Resp: 70880
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.0





#53

Dibromochloromethane

Concen: 19.967 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

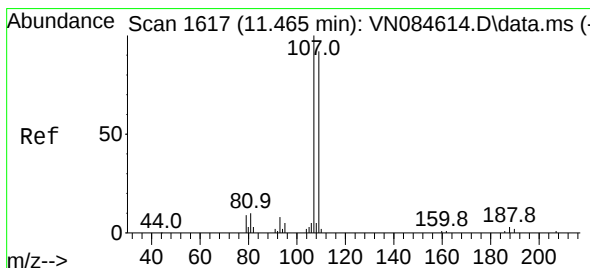
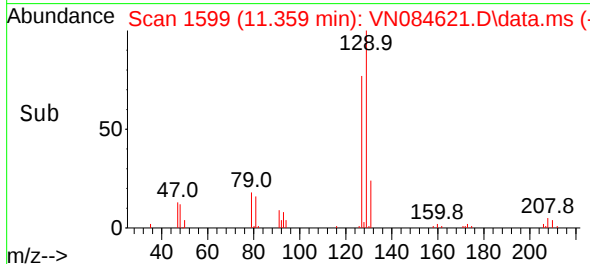
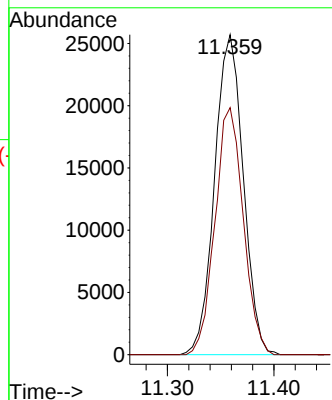
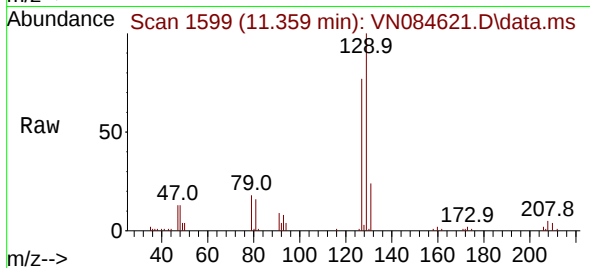
VN1031WBSD01

Tgt Ion:129 Resp: 48005

Ion Ratio Lower Upper

129 100

127 76.2 39.6 119.0



#54

1,2-Dibromoethane

Concen: 19.536 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN084621.D

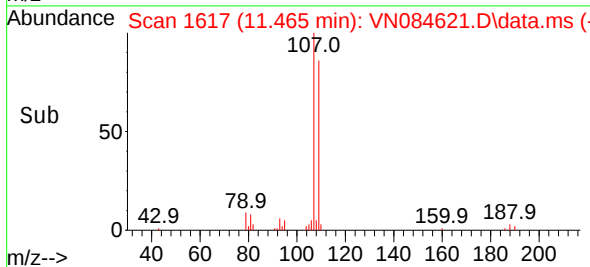
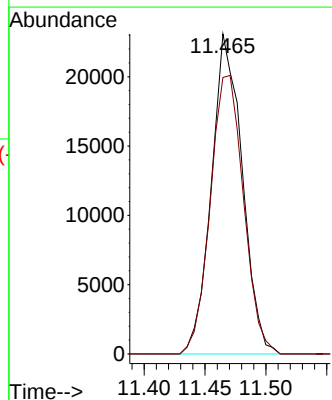
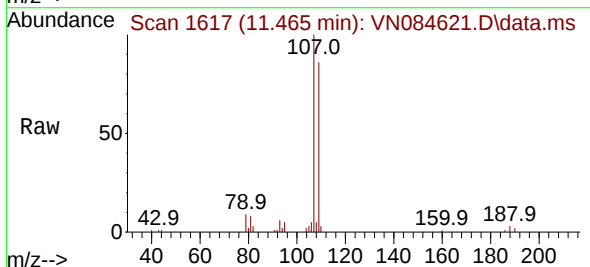
Acq: 31 Oct 2024 15:49

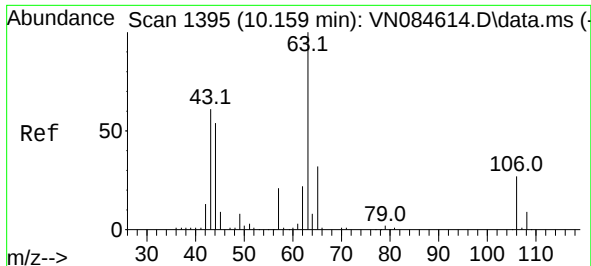
Tgt Ion:107 Resp: 40593

Ion Ratio Lower Upper

107 100

109 93.8 73.4 110.0

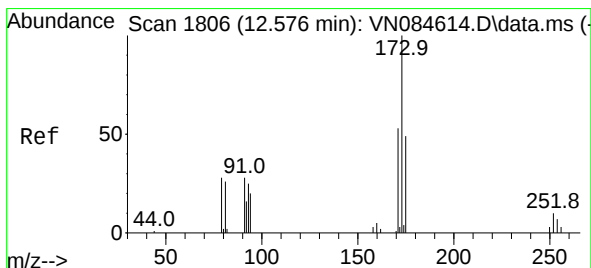
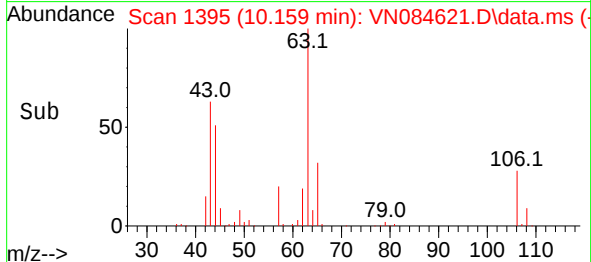
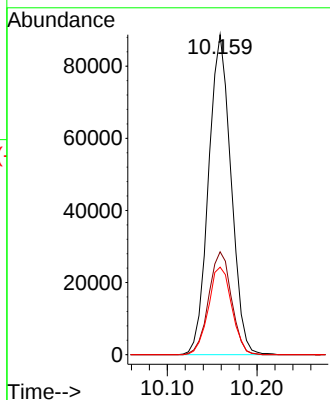
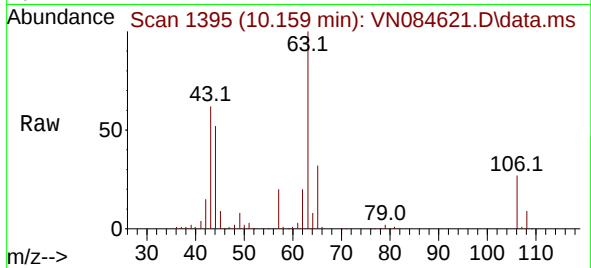




#55
2-Chloroethyl vinyl ether
Concen: 99.331 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

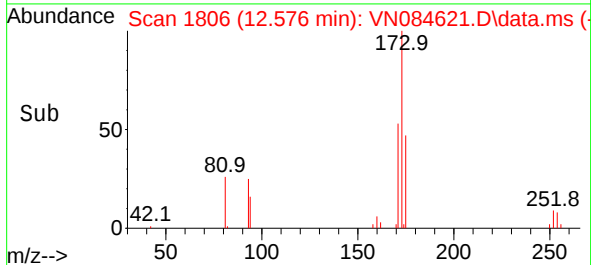
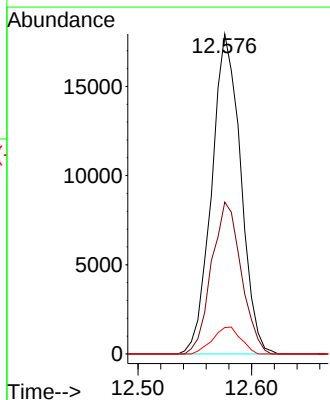
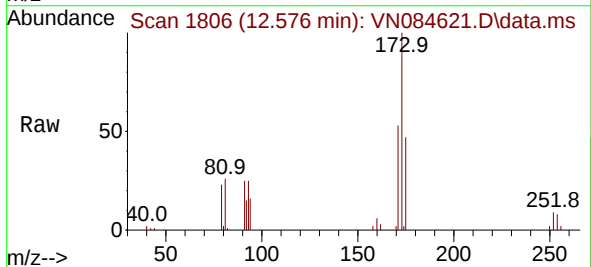
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

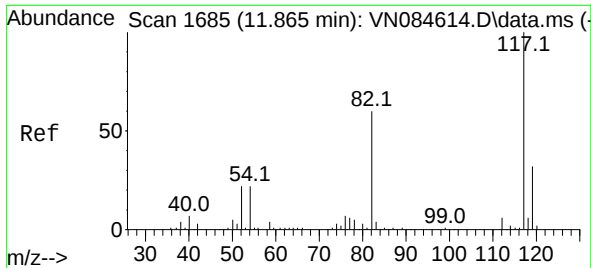
Tgt Ion: 63 Resp: 154220
Ion Ratio Lower Upper
63 100
65 32.6 25.5 38.3
106 28.5 22.3 33.5



#56
Bromoform
Concen: 19.755 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:173 Resp: 31835
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 8.2 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

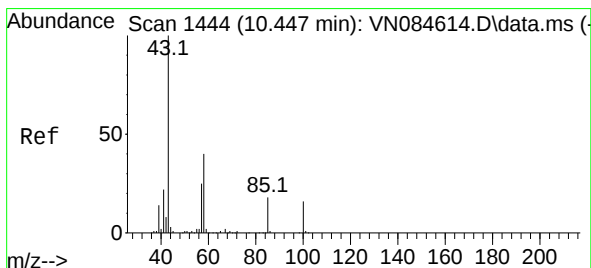
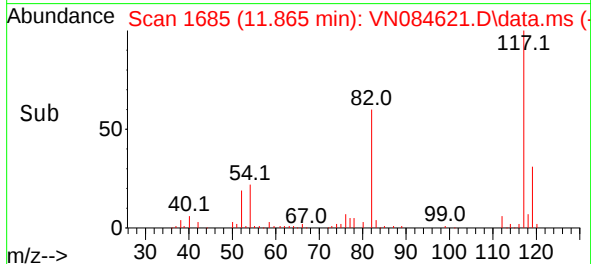
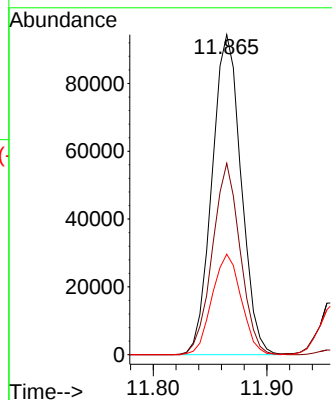
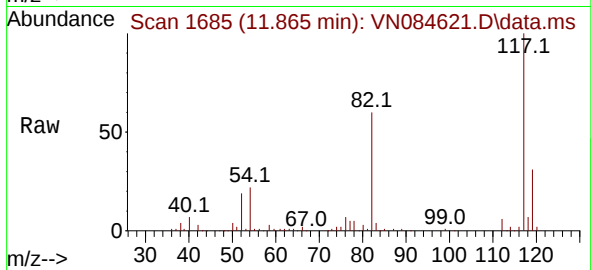
Tgt Ion:117 Resp: 167999

Ion Ratio Lower Upper

117 100

82 57.3 45.5 68.3

119 31.4 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 100.773 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

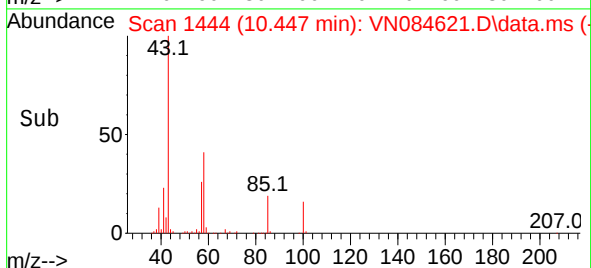
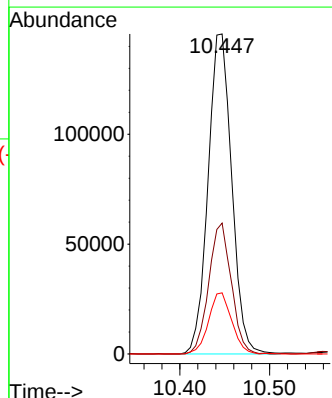
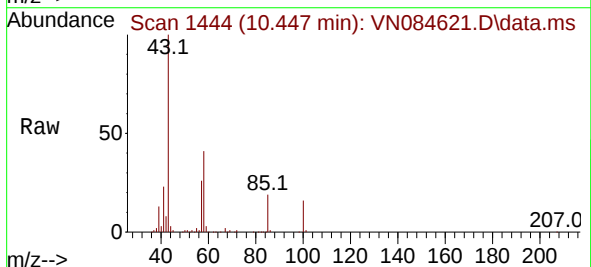
Tgt Ion: 43 Resp: 267088

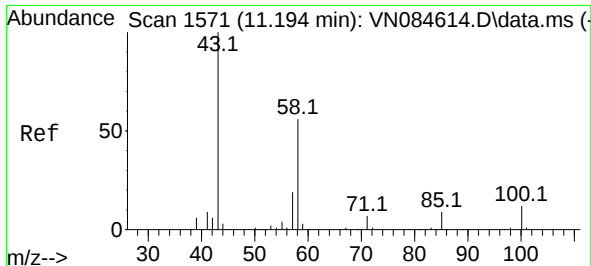
Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8

85 18.7 14.9 22.3





#59

2-Hexanone

Concen: 101.473 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

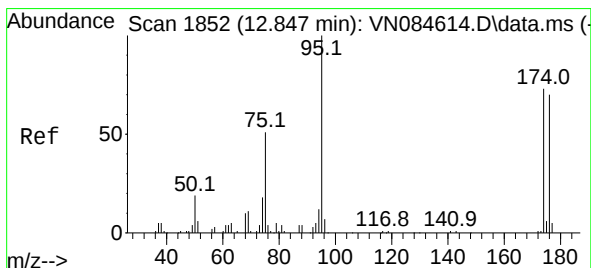
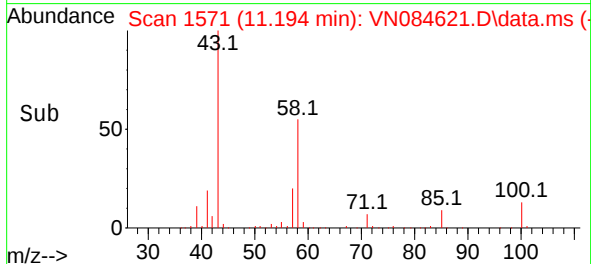
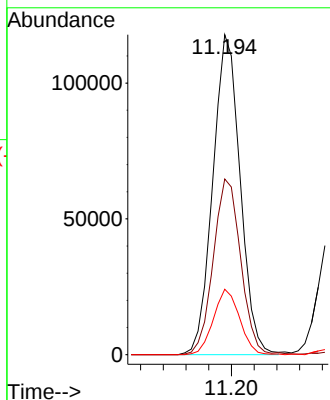
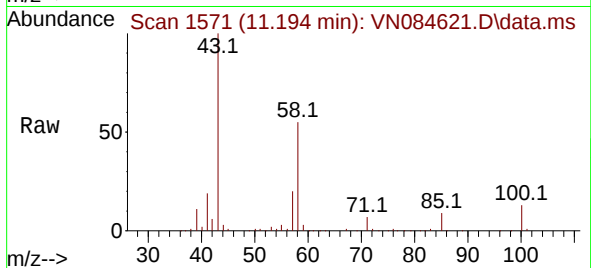
Tgt Ion: 43 Resp: 196936

Ion Ratio Lower Upper

43 100

58 54.9 43.8 65.6

57 19.6 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 29.197 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

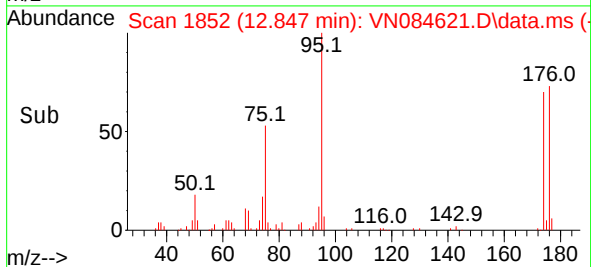
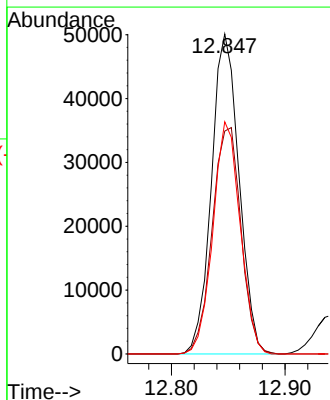
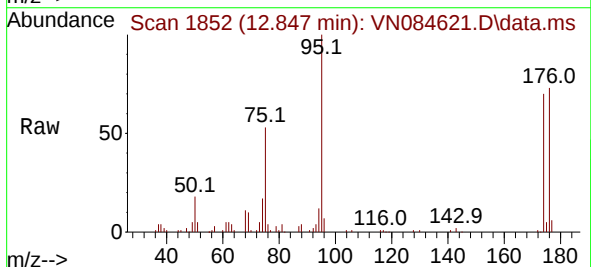
Tgt Ion: 95 Resp: 84456

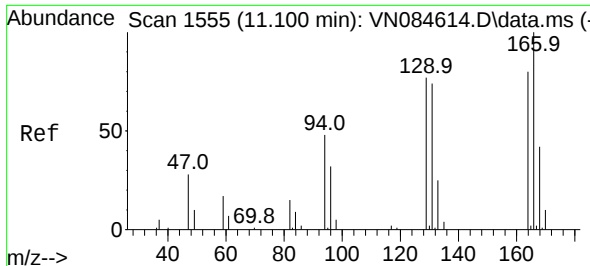
Ion Ratio Lower Upper

95 100

174 74.0 59.6 89.4

176 71.8 58.6 88.0

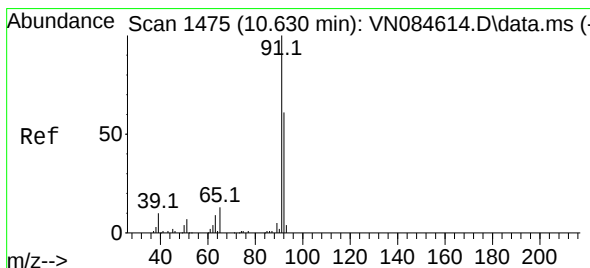
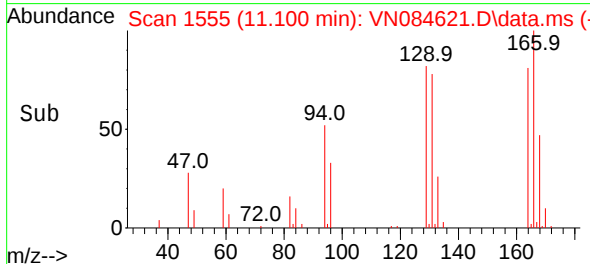
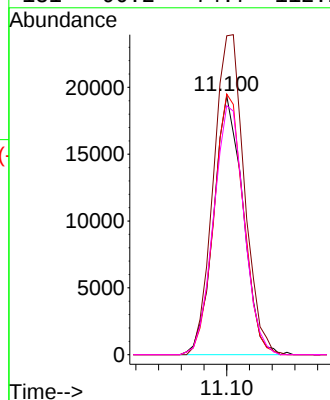
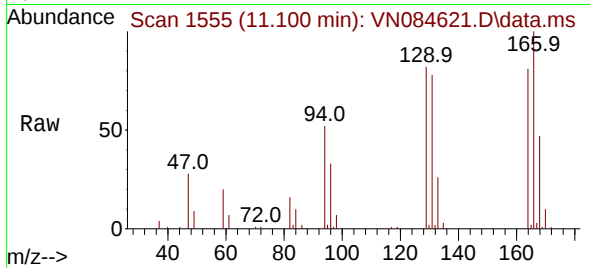




#61
Tetrachloroethene
Concen: 19.727 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

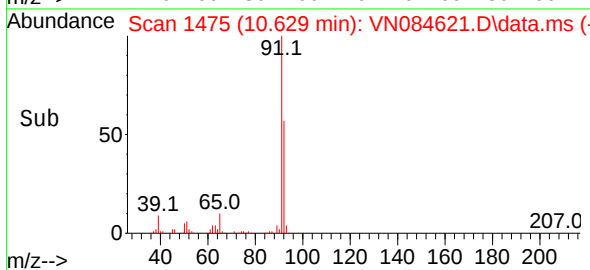
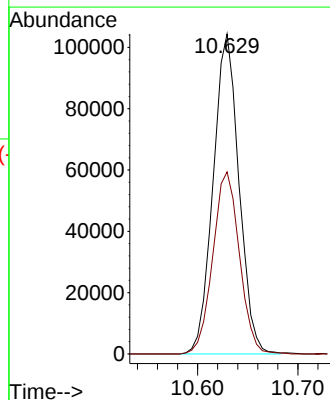
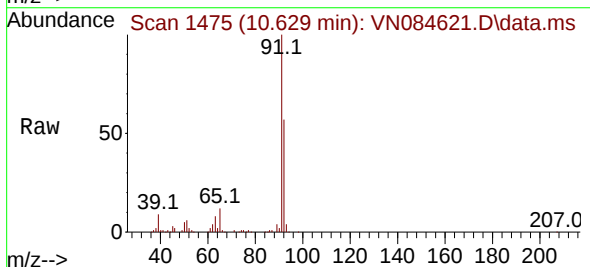
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

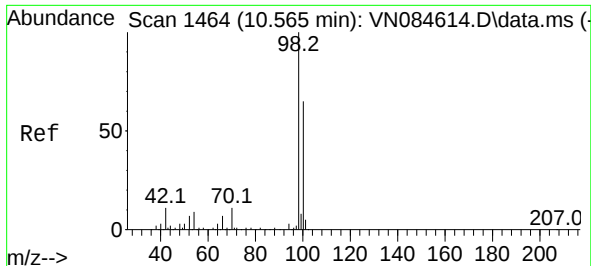
Tgt Ion:164 Resp: 34684
Ion Ratio Lower Upper
164 100
166 123.2 100.5 150.7
129 100.7 77.7 116.5
131 96.2 74.7 112.1



#62
Toluene
Concen: 19.467 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 91 Resp: 186269
Ion Ratio Lower Upper
91 100
92 58.7 47.5 71.3

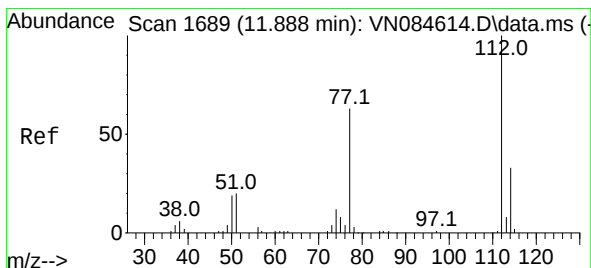
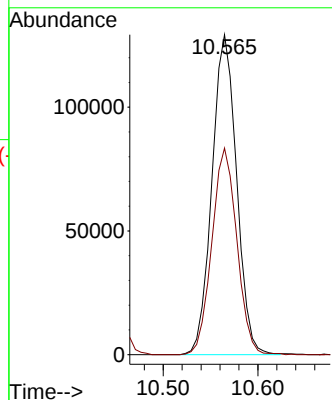
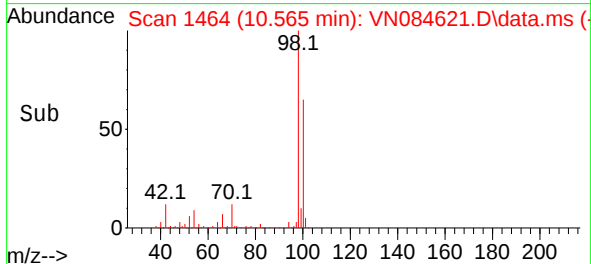
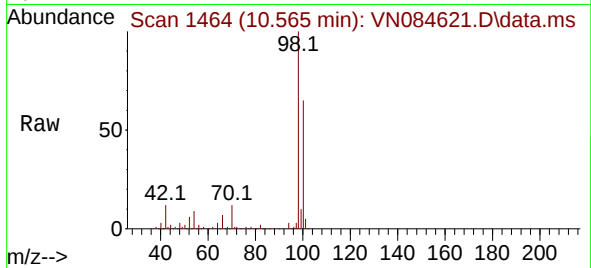




#63
Toluene-d8
Concen: 29.360 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

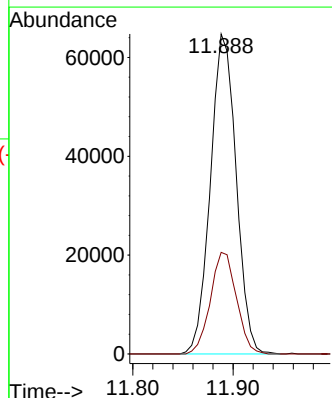
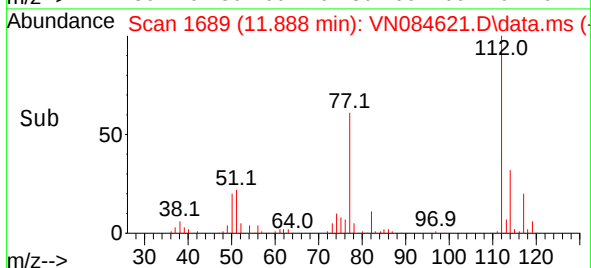
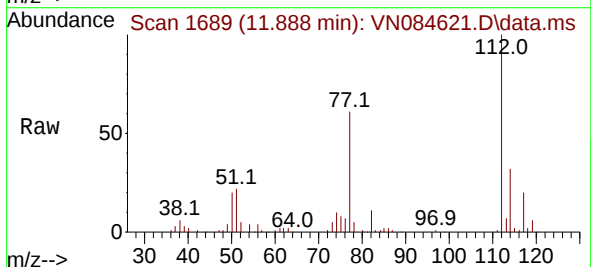
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

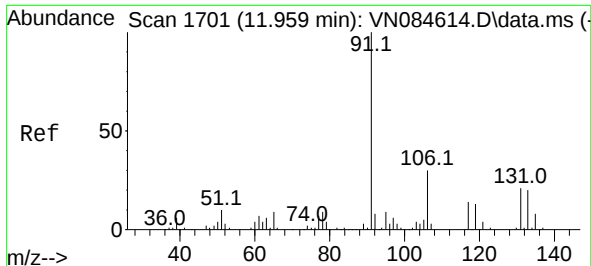
Tgt Ion: 98 Resp: 233505
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#64
Chlorobenzene
Concen: 20.010 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 112 Resp: 115588
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.448 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

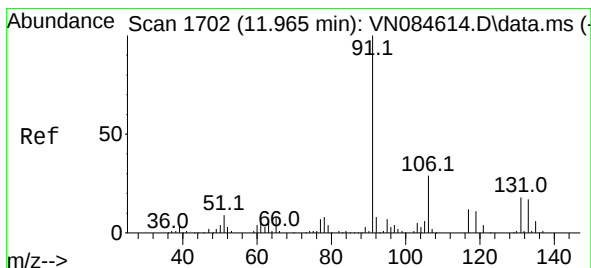
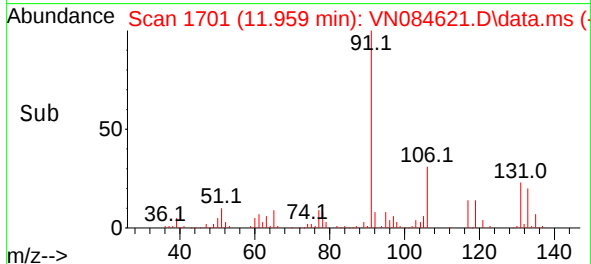
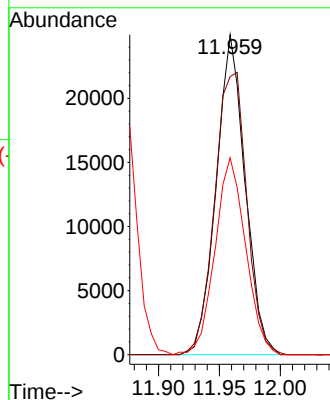
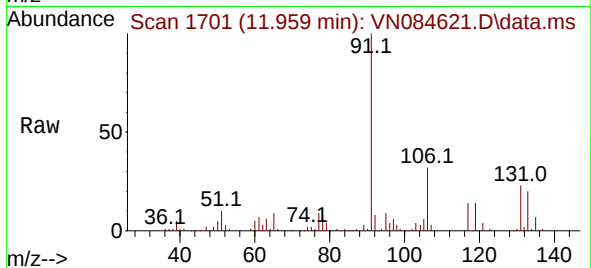
Tgt Ion:131 Resp: 41286

Ion Ratio Lower Upper

131 100

133 98.1 0.0 189.2

119 65.1 0.0 129.4



#66

Ethyl Benzene

Concen: 19.471 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN084621.D

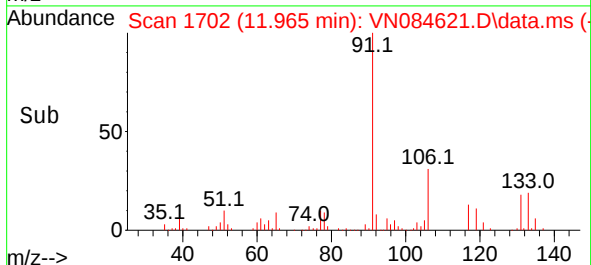
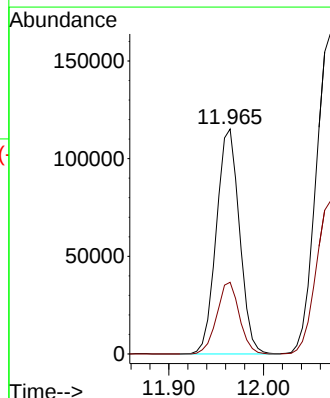
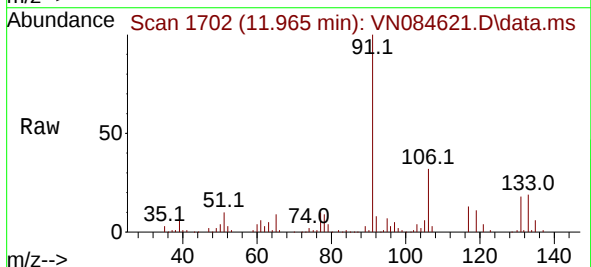
Acq: 31 Oct 2024 15:49

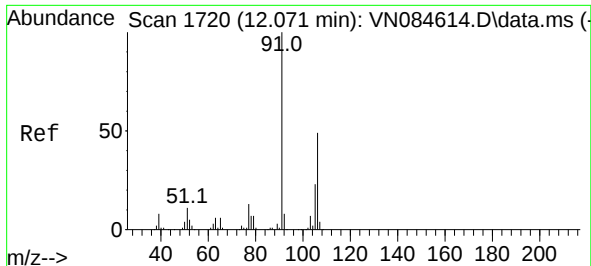
Tgt Ion: 91 Resp: 195795

Ion Ratio Lower Upper

91 100

106 31.9 22.9 34.3





#67

m/p-Xylenes

Concen: 39.532 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

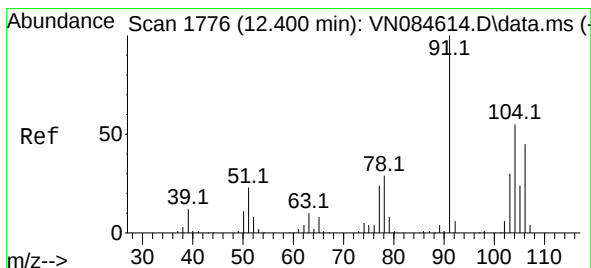
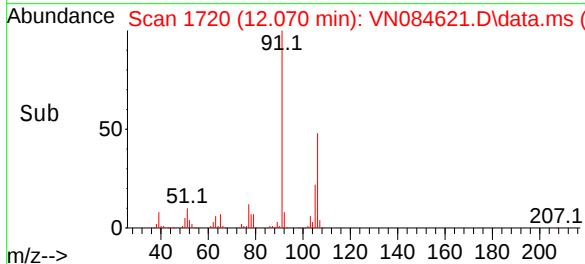
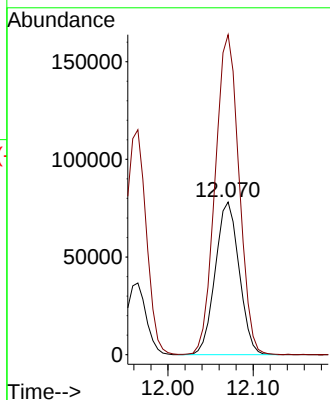
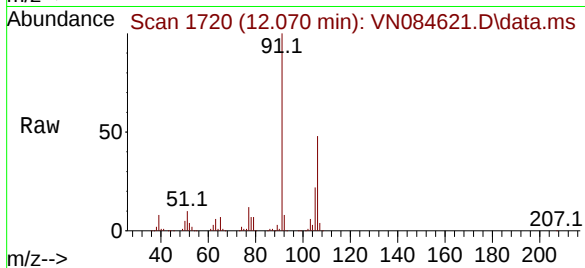
VN1031WBSD01

Tgt Ion:106 Resp: 152197

Ion Ratio Lower Upper

106 100

91 209.7 168.1 252.1



#68

o-Xylene

Concen: 20.000 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN084621.D

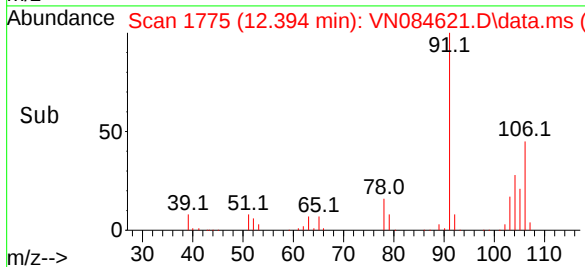
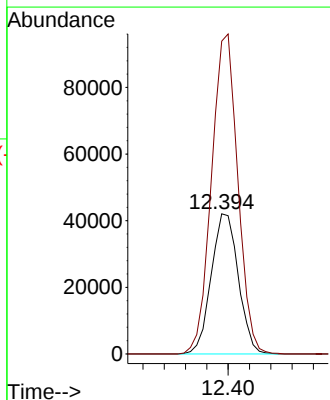
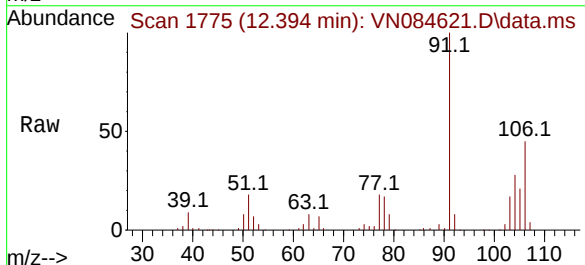
Acq: 31 Oct 2024 15:49

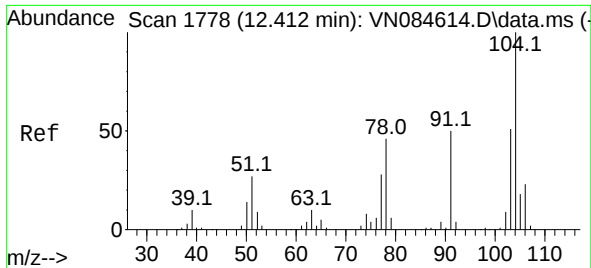
Tgt Ion:106 Resp: 74275

Ion Ratio Lower Upper

106 100

91 221.3 107.7 322.9





#69

Styrene

Concen: 20.274 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

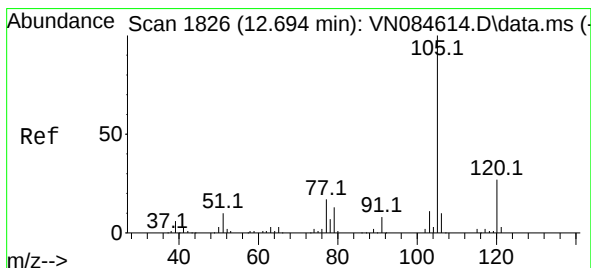
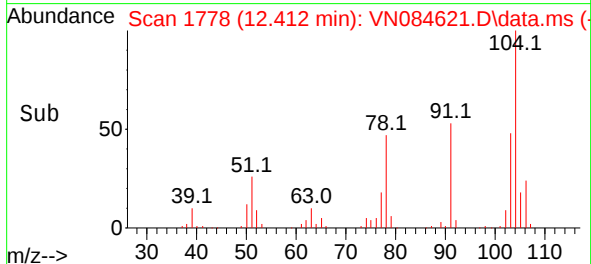
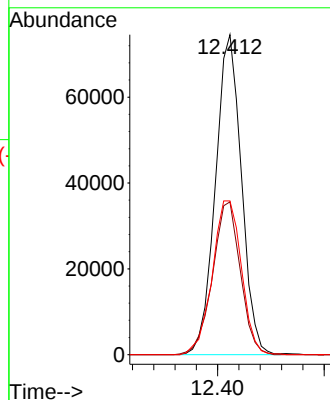
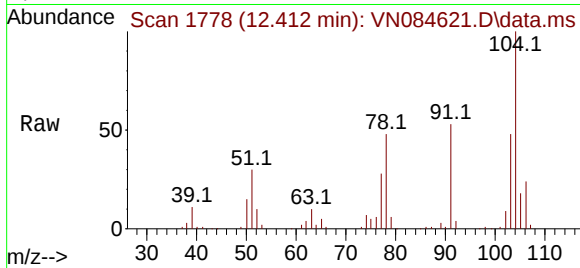
Tgt Ion:104 Resp: 126243

Ion Ratio Lower Upper

104 100

78 51.0 41.5 62.3

103 54.0 44.6 67.0



#70

Isopropylbenzene

Concen: 20.058 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084621.D

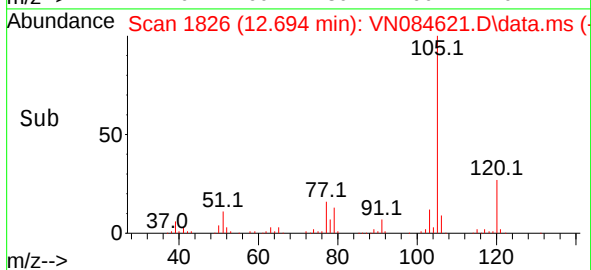
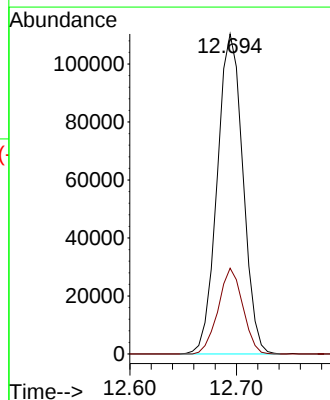
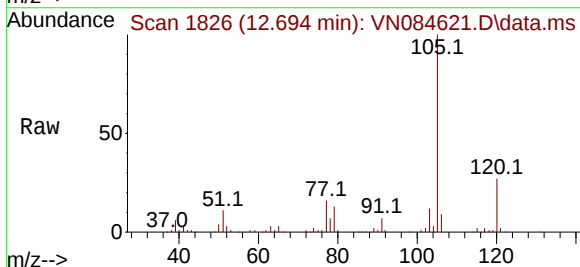
Acq: 31 Oct 2024 15:49

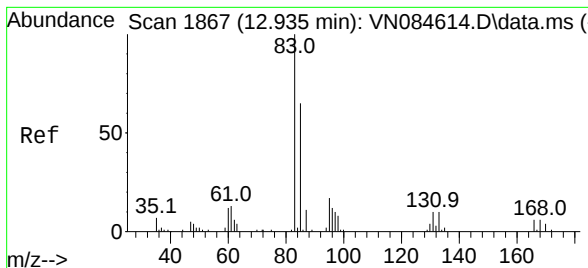
Tgt Ion:105 Resp: 185047

Ion Ratio Lower Upper

105 100

120 25.5 18.7 34.7

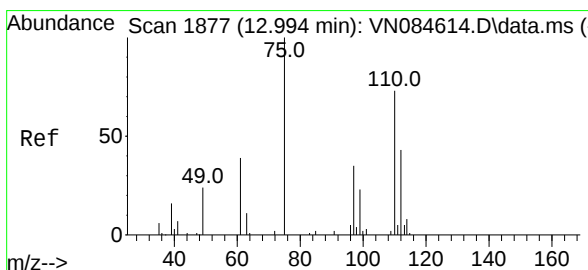
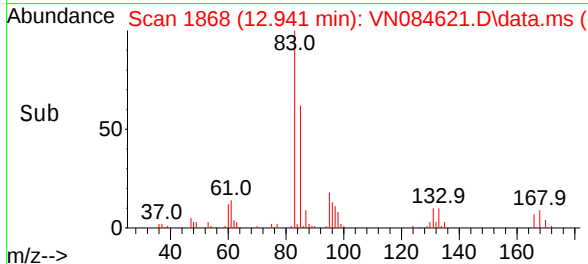
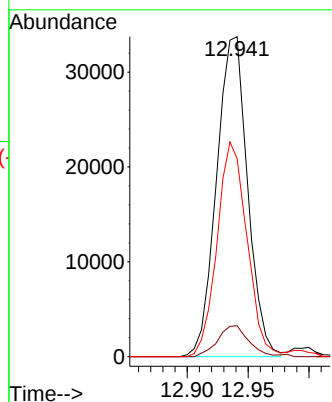
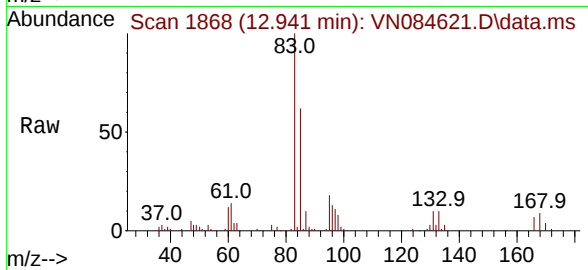




#71
1,1,2,2-Tetrachloroethane
Concen: 20.048 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

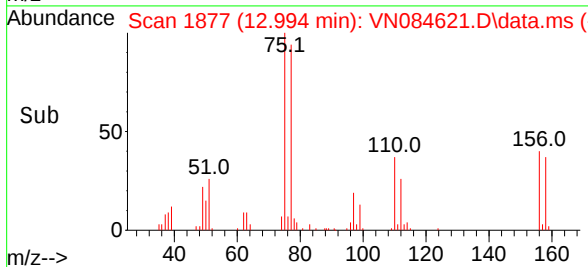
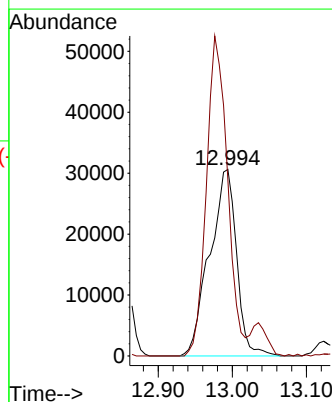
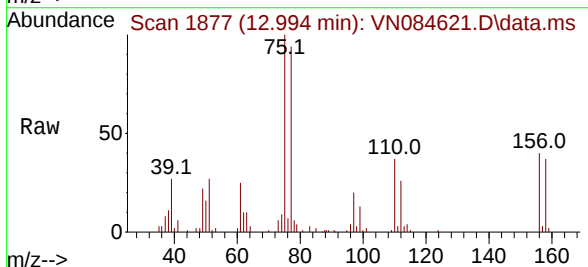
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

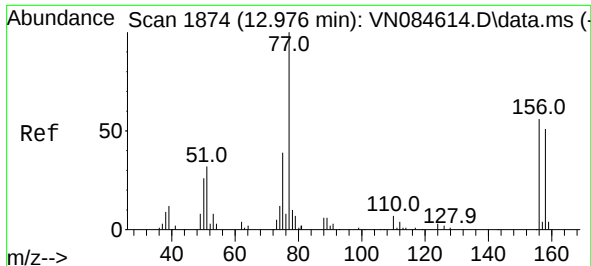
Tgt Ion: 83 Resp: 59950
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.4 33.3 99.9



#72
1,2,3-Trichloropropane
Concen: 30.290 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 75 Resp: 77342
Ion Ratio Lower Upper
75 100
77 134.3 0.0 358.4

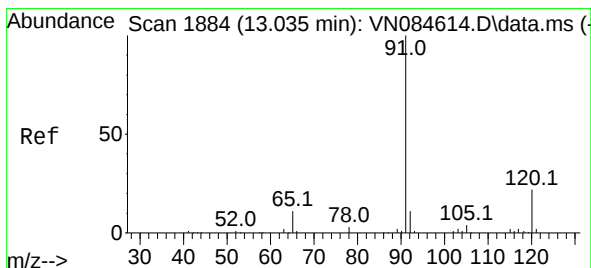
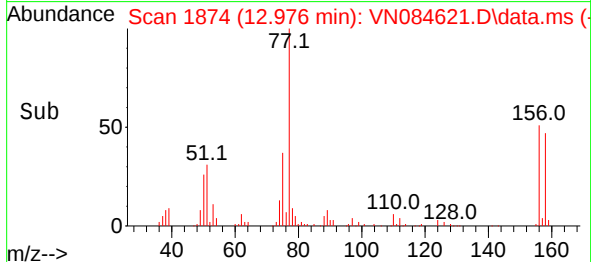
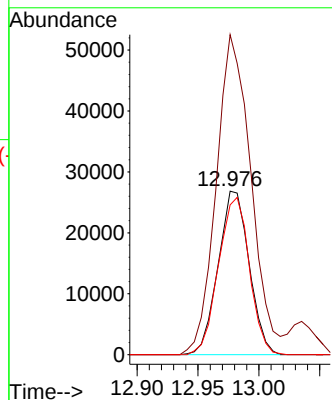
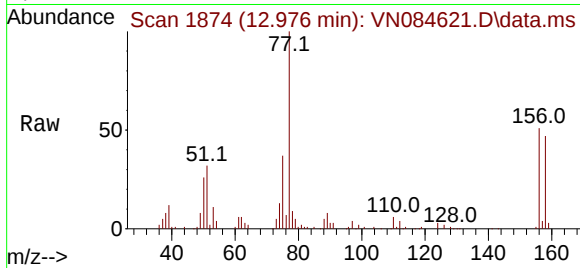




#73
Bromobenzene
Concen: 19.982 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

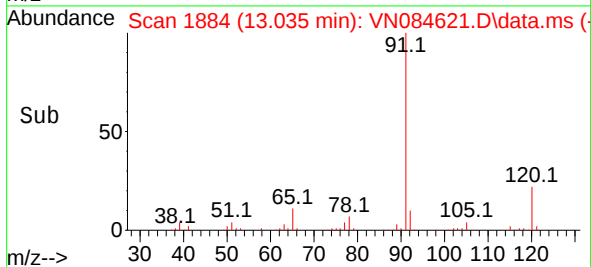
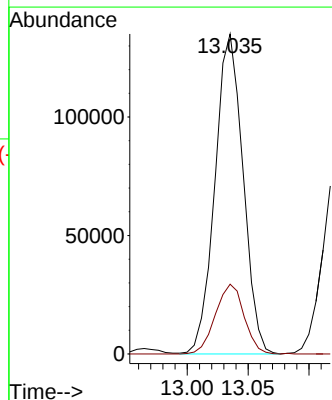
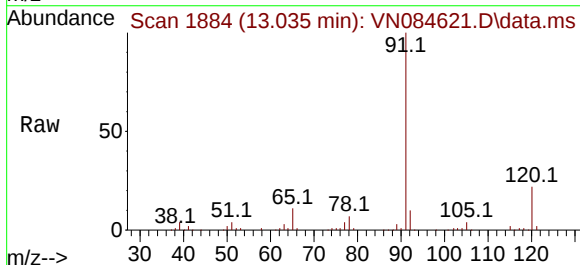
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

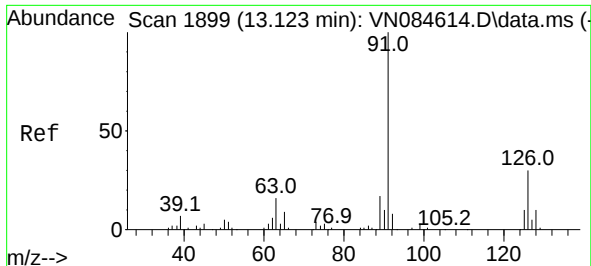
Tgt Ion:156 Resp: 47545
Ion Ratio Lower Upper
156 100
77 218.5 0.0 427.6
158 95.8 0.0 191.6



#74
n-propylbenzene
Concen: 20.085 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 91 Resp: 216677
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.0

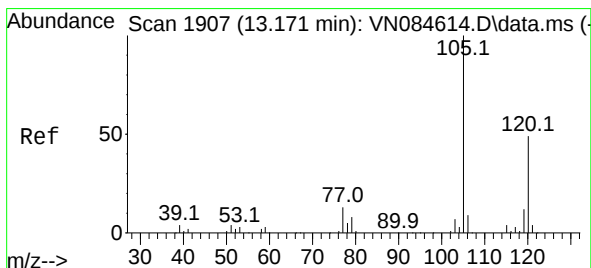
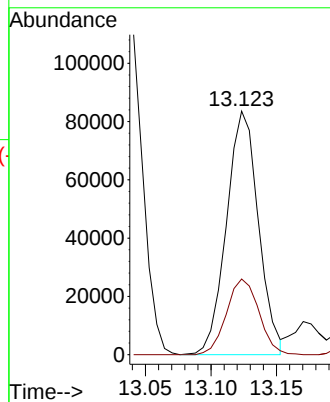
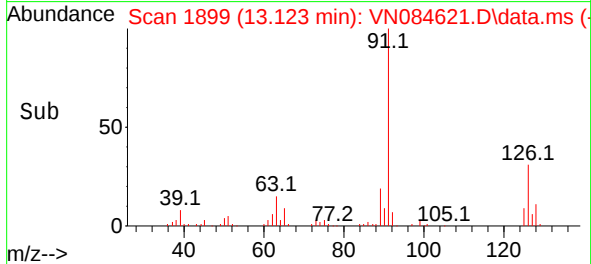
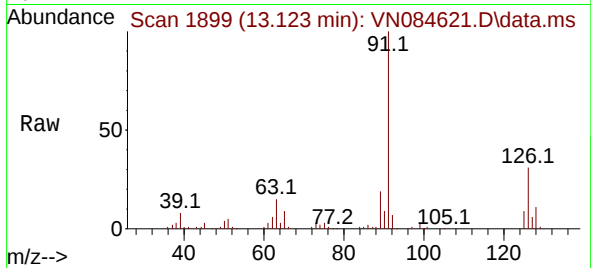




#75
2-Chlorotoluene
Concen: 20.181 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

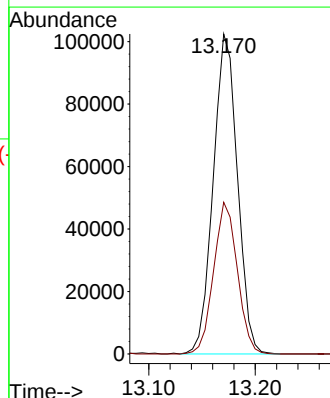
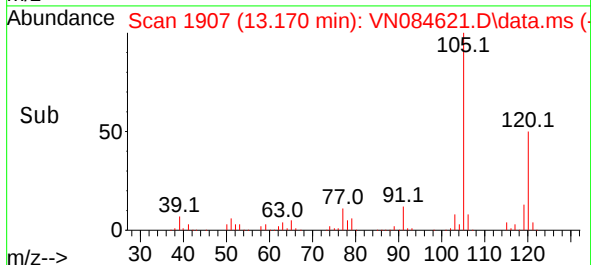
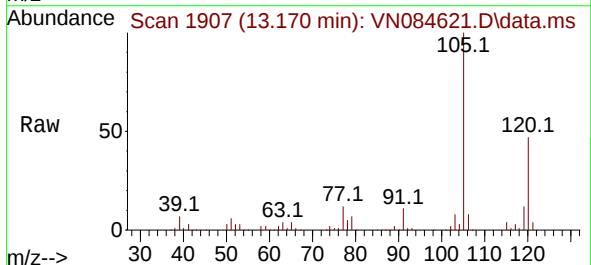
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

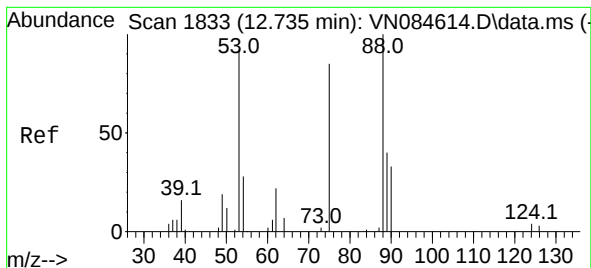
Tgt Ion: 91 Resp: 141777
Ion Ratio Lower Upper
91 100
126 31.5 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 20.483 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 105 Resp: 161455
Ion Ratio Lower Upper
105 100
120 46.5 0.0 96.8

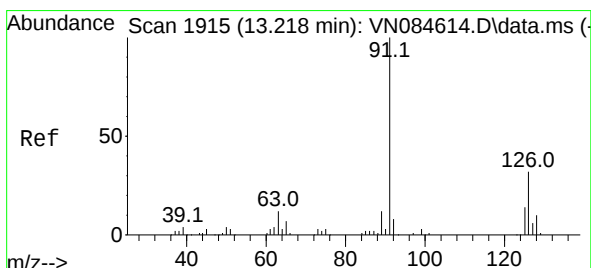
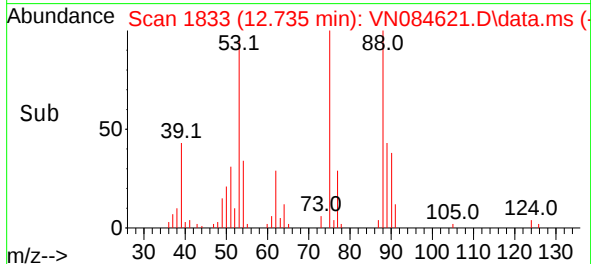
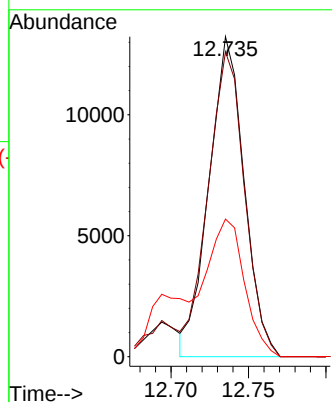
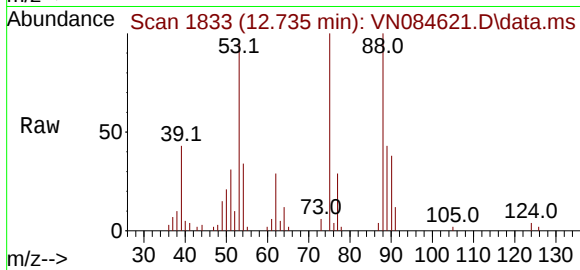




#77
t-1,4-Dichloro-2-butene
Concen: 19.923 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

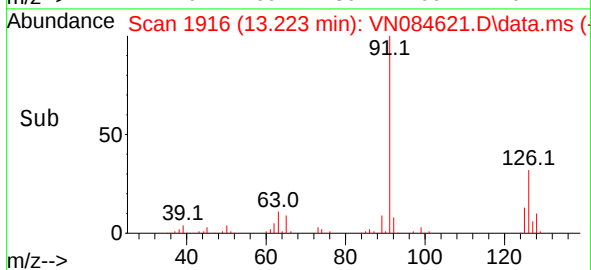
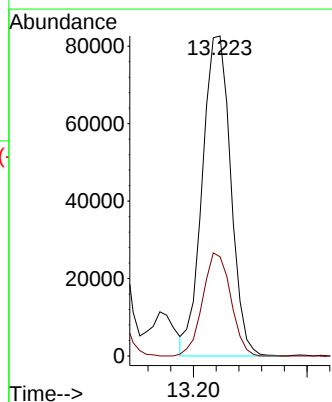
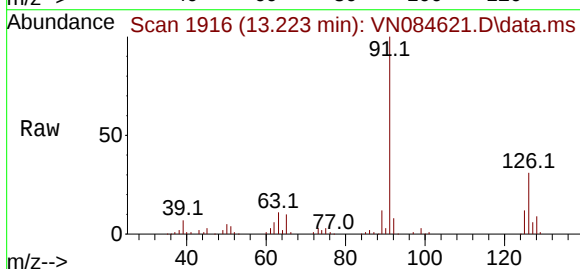
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

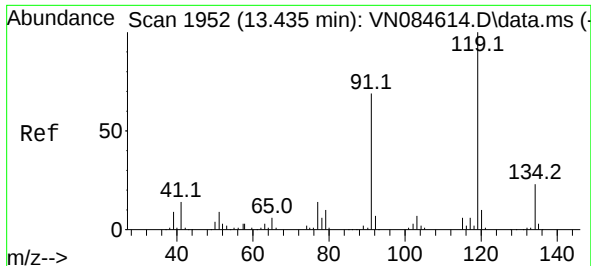
Tgt Ion: 75 Resp: 20864
Ion Ratio Lower Upper
75 100
53 95.3 52.4 157.2
89 43.0 26.0 78.0



#78
4-Chlorotoluene
Concen: 20.204 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 91 Resp: 143411
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.4





#79

tert-butylbenzene

Concen: 21.007 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

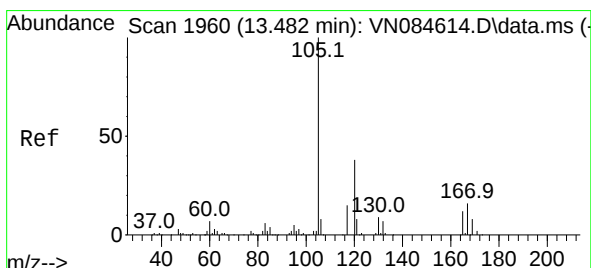
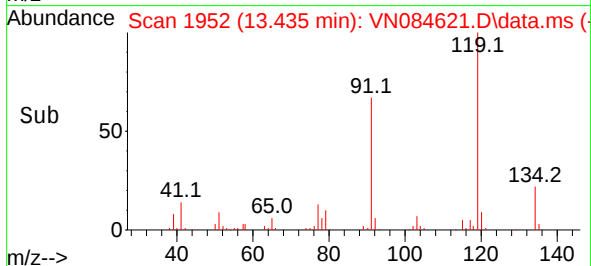
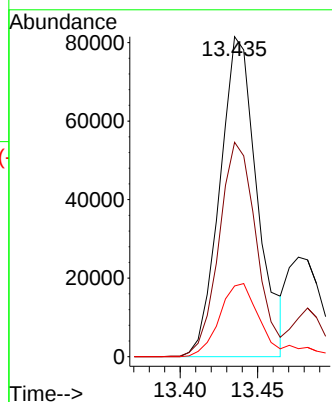
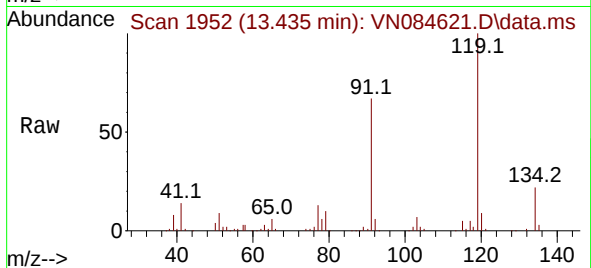
Tgt Ion:119 Resp: 136935

Ion Ratio Lower Upper

119 100

91 66.6 0.0 143.2

134 23.7 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 20.632 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084621.D

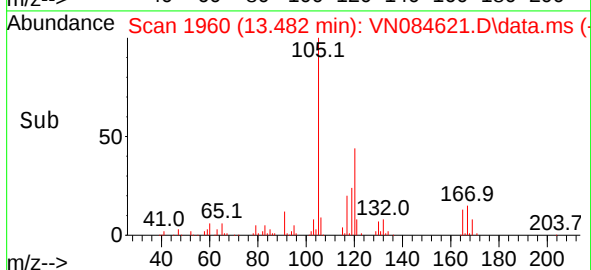
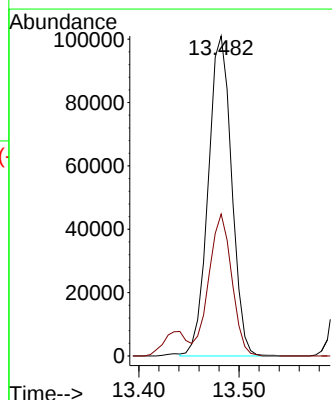
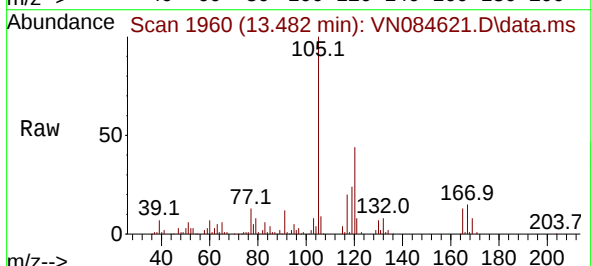
Acq: 31 Oct 2024 15:49

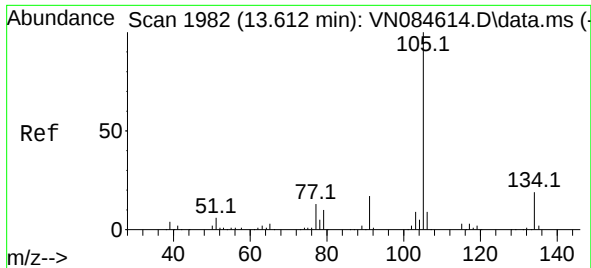
Tgt Ion:105 Resp: 164066

Ion Ratio Lower Upper

105 100

120 43.3 0.0 90.4

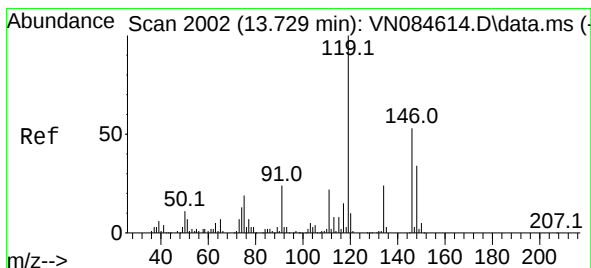
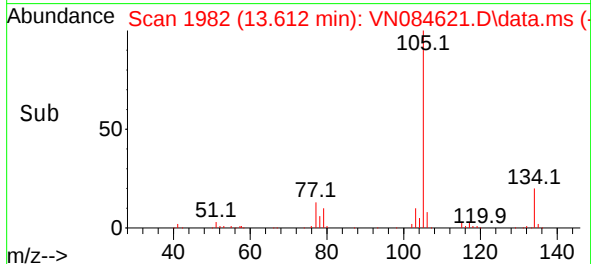
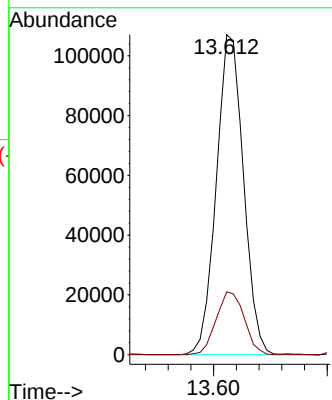
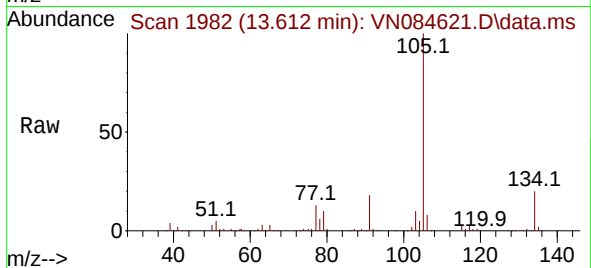




#81
sec-Butylbenzene
Concen: 19.805 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

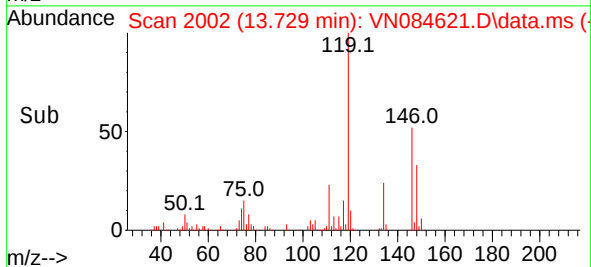
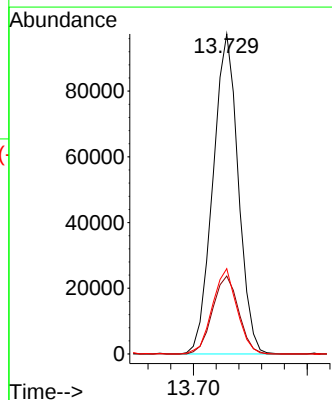
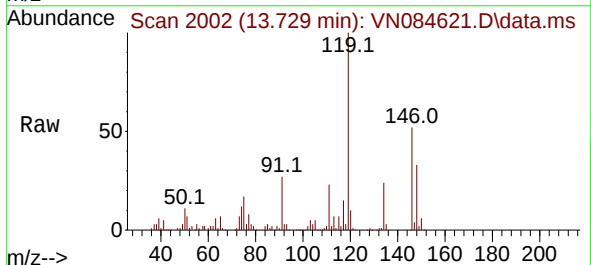
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

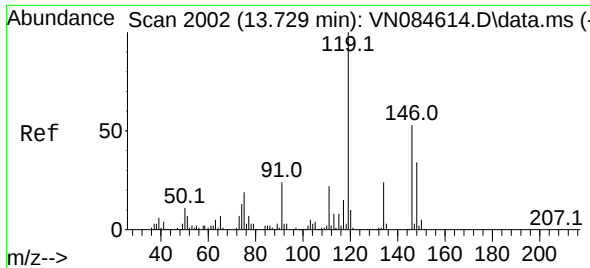
Tgt Ion:105 Resp: 177891
Ion Ratio Lower Upper
105 100
134 20.2 0.0 39.0



#82
p-Isopropyltoluene
Concen: 19.973 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion:119 Resp: 150744
Ion Ratio Lower Upper
119 100
134 25.1 0.0 51.4
91 26.0 0.0 50.4

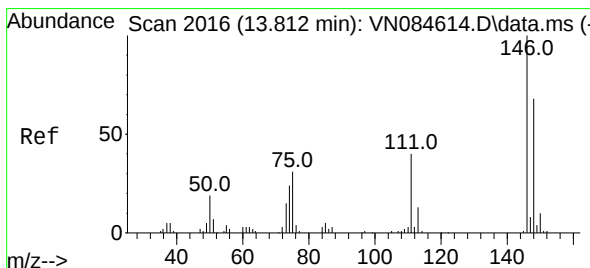
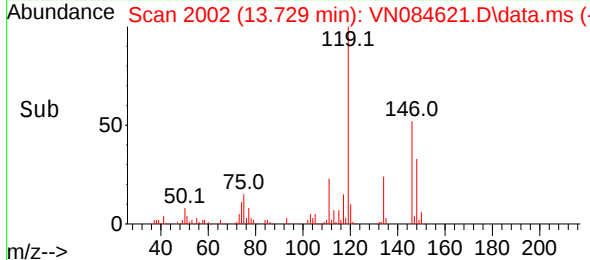
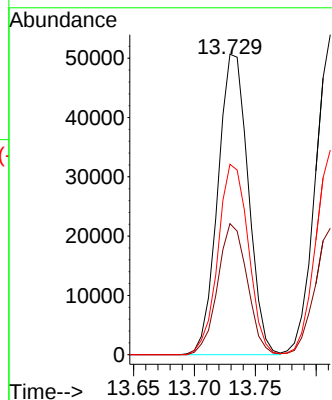
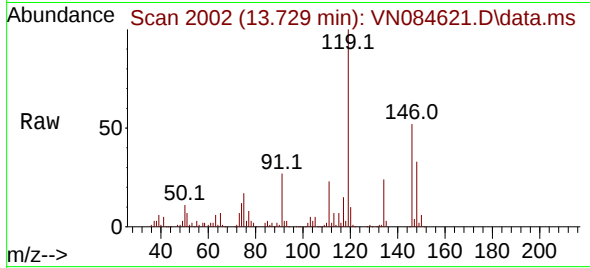




#83
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084621.D
 Acq: 31 Oct 2024 15:49

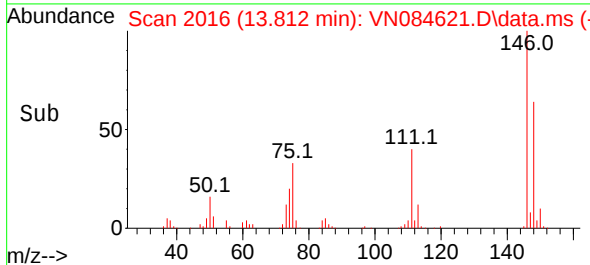
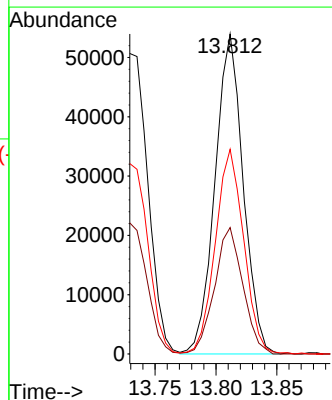
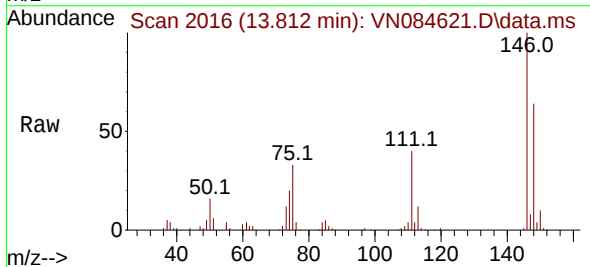
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

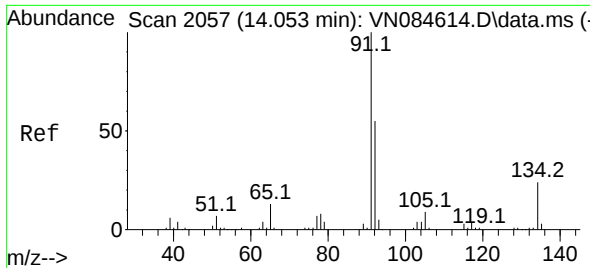
Tgt Ion:146 Resp: 88108
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.0 63.0
 148 63.3 31.3 93.8



#84
 1,4-Dichlorobenzene
 Concen: 19.995 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084621.D
 Acq: 31 Oct 2024 15:49

Tgt Ion:146 Resp: 86946
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.5
 148 64.3 32.6 98.0

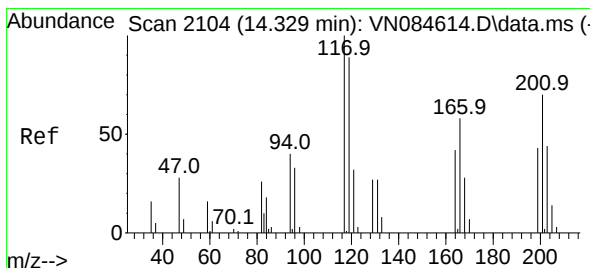
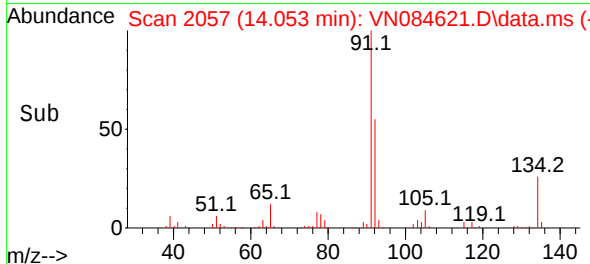
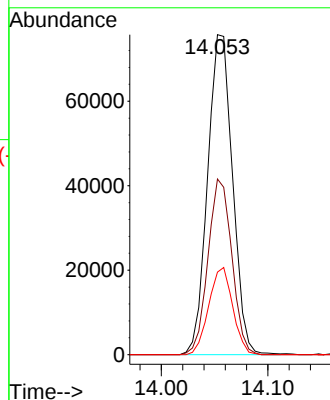
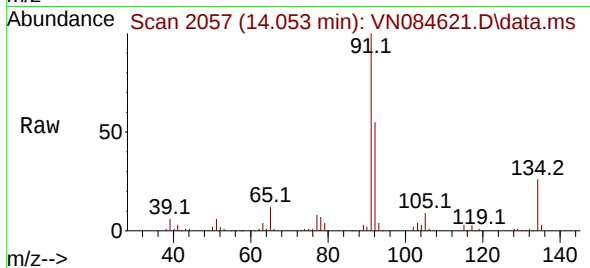




#85
n-Butylbenzene
Concen: 19.495 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

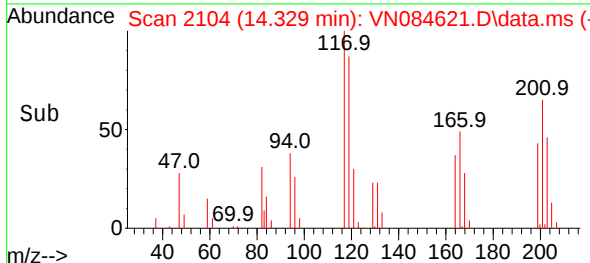
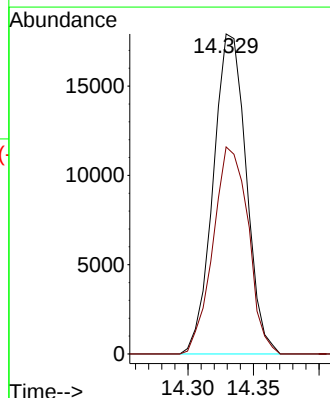
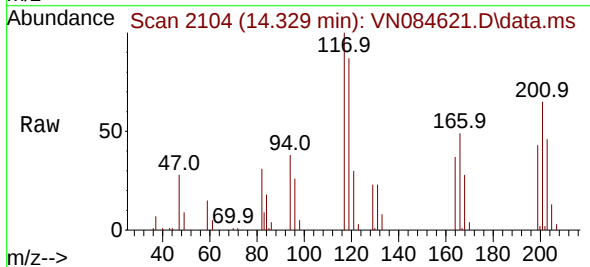
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

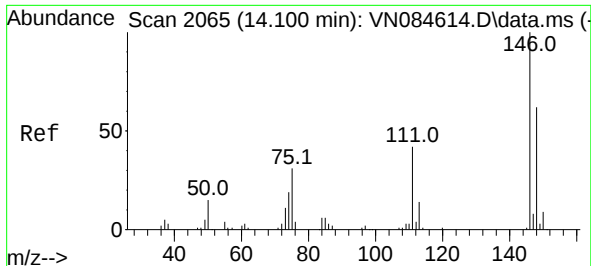
Tgt Ion: 91 Resp: 123578
Ion Ratio Lower Upper
91 100
92 52.4 0.0 106.2
134 26.1 0.0 48.2



#86
Hexachloroethane
Concen: 20.333 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084621.D
Acq: 31 Oct 2024 15:49

Tgt Ion: 117 Resp: 31385
Ion Ratio Lower Upper
117 100
201 68.8 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 20.189 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

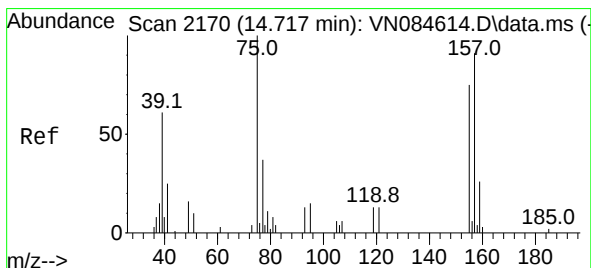
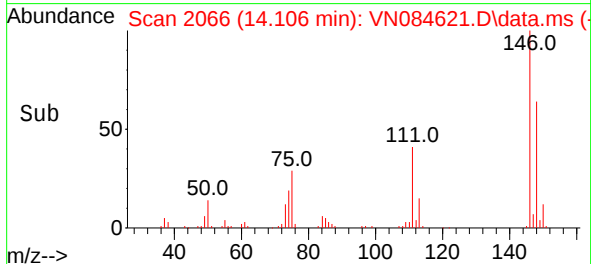
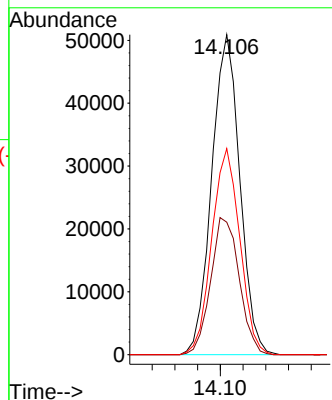
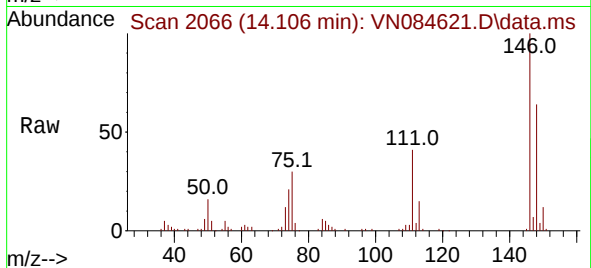
Tgt Ion:146 Resp: 87547

Ion Ratio Lower Upper

146 100

111 43.5 22.4 67.0

148 64.2 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.744 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

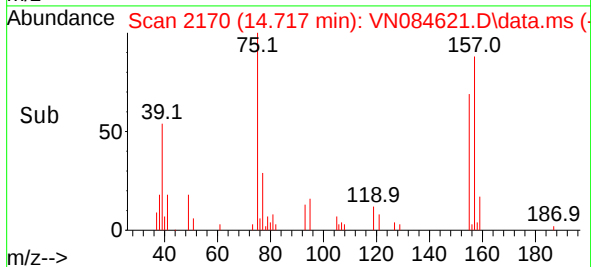
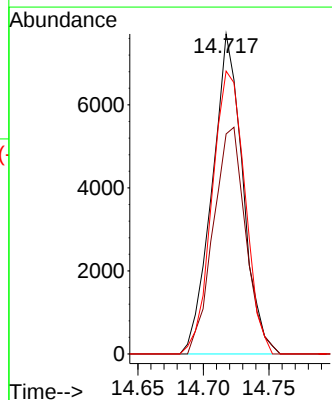
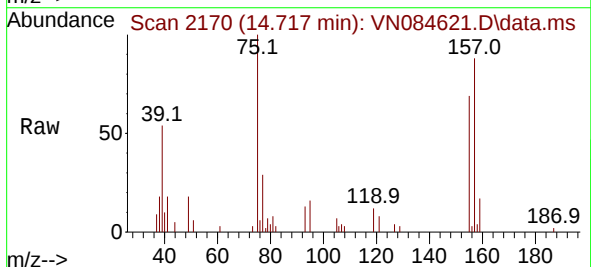
Tgt Ion: 75 Resp: 12546

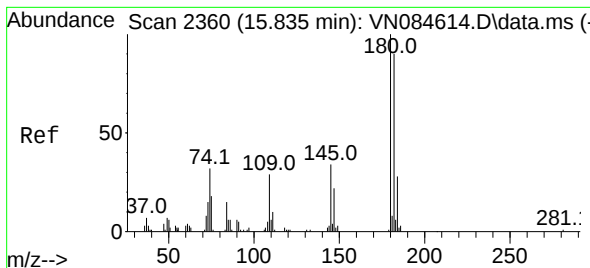
Ion Ratio Lower Upper

75 100

155 75.0 61.8 92.6

157 94.2 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 19.915 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

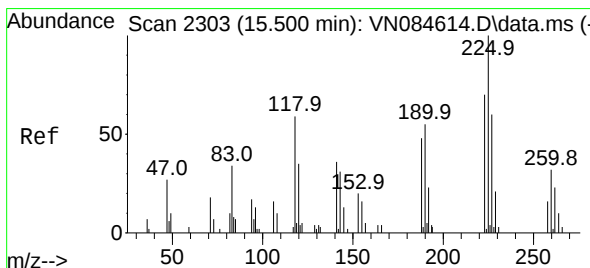
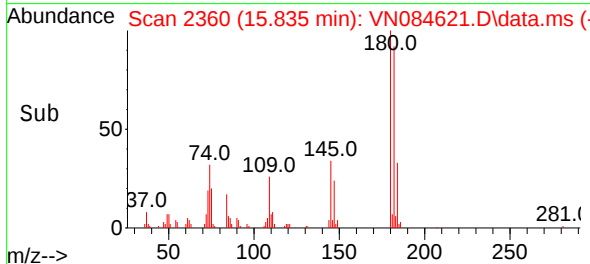
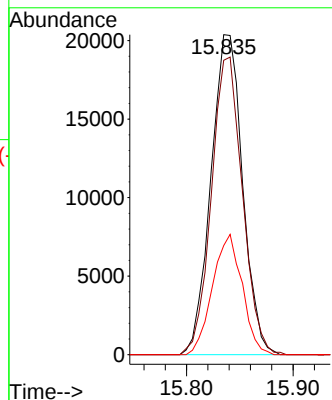
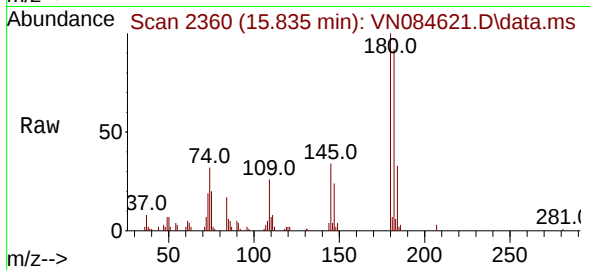
Tgt Ion:180 Resp: 42048

Ion Ratio Lower Upper

180 100

182 91.1 73.0 109.6

145 35.2 26.5 39.7



#90

Hexachlorobutadiene

Concen: 21.456 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

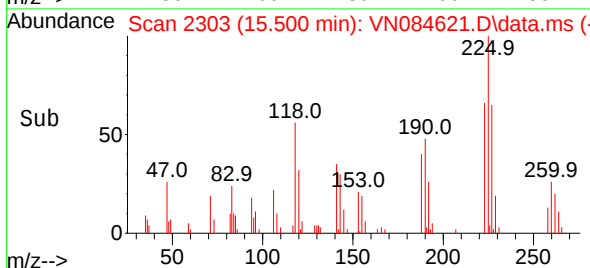
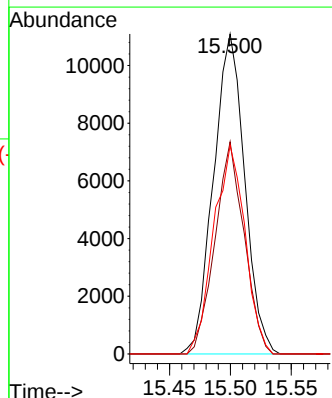
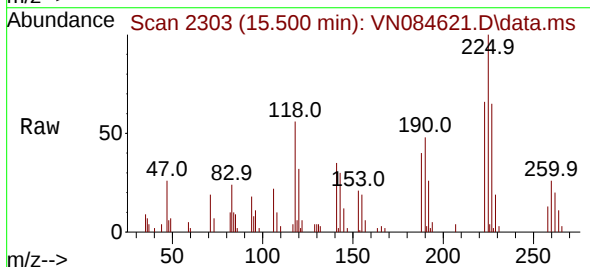
Tgt Ion:225 Resp: 19789

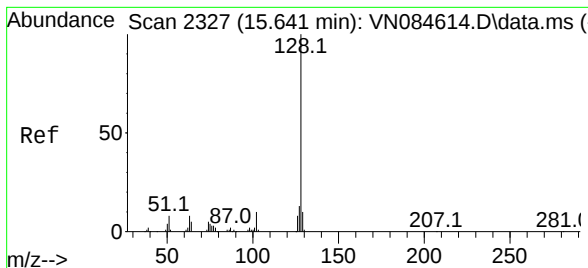
Ion Ratio Lower Upper

225 100

223 61.9 0.0 138.8

227 65.5 0.0 123.2





#91

Naphthalene

Concen: 19.636 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

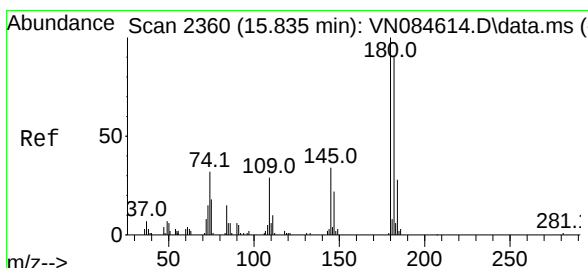
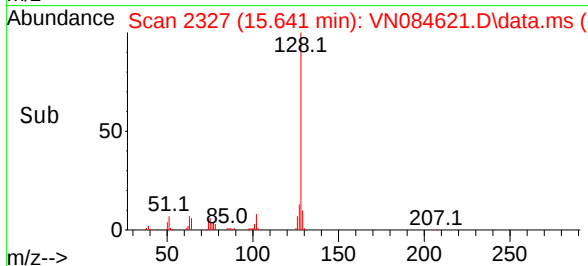
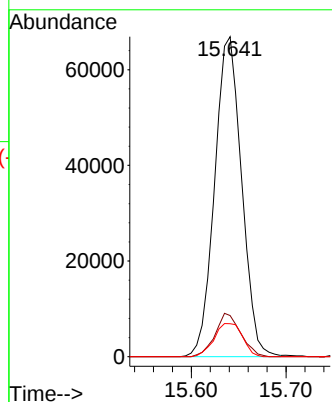
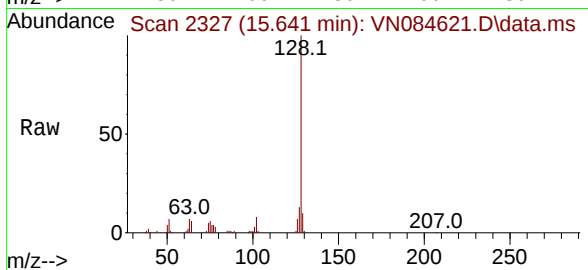
Tgt Ion:128 Resp: 132406

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 19.915 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084621.D

Acq: 31 Oct 2024 15:49

Tgt Ion:180 Resp: 42048

Ion Ratio Lower Upper

180 100

182 91.1 0.0 182.6

145 35.2 0.0 66.2

