

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084345.D
 Acq On : 08 Oct 2024 13:21
 Operator : JC\MD
 Sample : VN1008WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Quant Time: Oct 09 02:29:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30094	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152182	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74609	30.794	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.633%	
60) 4-Bromofluorobenzene	12.847	95	76223	30.348	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.167%	
63) Toluene-d8	10.565	98	214517	30.428	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	32682	17.787	ug/l	88
3) Chloromethane	2.365	50	39185	18.741	ug/l	95
4) Vinyl Chloride	2.518	62	37858	18.463	ug/l	100
5) Bromomethane	2.965	94	25645	18.878	ug/l	88
6) Chloroethane	3.124	64	24501	18.227	ug/l	91
7) Trichlorofluoromethane	3.501	101	60443	18.097	ug/l	99
8) Diethyl Ether	3.965	74	22624	18.425	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	35548	18.929	ug/l	98
10) 1,1-Dichloroethene	4.336	96	33612	17.938	ug/l	80
11) Methyl Iodide	4.589	142	43463	17.650	ug/l	93
12) Methyl Acetate	5.024	43	41221	17.572	ug/l	95
13) Acrolein	4.183	56	43777	100.459	ug/l	98
14) Acrylonitrile	5.712	53	90986	86.332	ug/l	98
15) Acetone	4.424	58	29599	98.316	ug/l	95
16) Carbon Disulfide	4.718	76	95505	17.116	ug/l	100
17) Allyl chloride	5.030	41	52116	17.157	ug/l	96
18) Methylene Chloride	5.283	84	38256	18.123	ug/l	96
19) trans-1,2-Dichloroethene	5.795	96	35005	17.651	ug/l	92
20) Diisopropyl ether	6.671	45	118713	18.177	ug/l	96
21) 1,1-Dichloroethane	6.571	63	66566	17.763	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	42231	18.300	ug/l	98
23) tert-Butyl Alcohol	5.512	59	33087	81.847	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	113649	18.149	ug/l #	84
25) Chloroform	7.971	83	71675	18.885	ug/l	94
26) Cyclohexane	8.253	56	53679	17.127	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	48248	17.788	ug/l	99
30) 2-Butanone	7.483	43	128518	88.993	ug/l	100
31) 2,2-Dichloropropane	7.489	77	59025	18.518	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	62724	18.092	ug/l	99
33) Carbon Tetrachloride	8.359	117	53473	17.803	ug/l	96
34) Benzene	8.606	78	154422	18.187	ug/l	98
35) Methacrylonitrile	7.777	41	25955	16.847	ug/l	98
36) 1,2-Dichloroethane	8.671	62	51528	18.207	ug/l	99
37) Trichloroethene	9.353	130	35424	18.118	ug/l	94
38) Methylcyclohexane	9.600	83	52342	17.568	ug/l	99
39) 1,2-Dichloropropane	9.618	63	36987	17.864	ug/l	97
40) Dibromomethane	9.712	93	26903	18.591	ug/l	97
41) Bromodichloromethane	9.888	83	57031	18.565	ug/l	99
42) Vinyl Acetate	6.600	43	454243	90.440	ug/l	99

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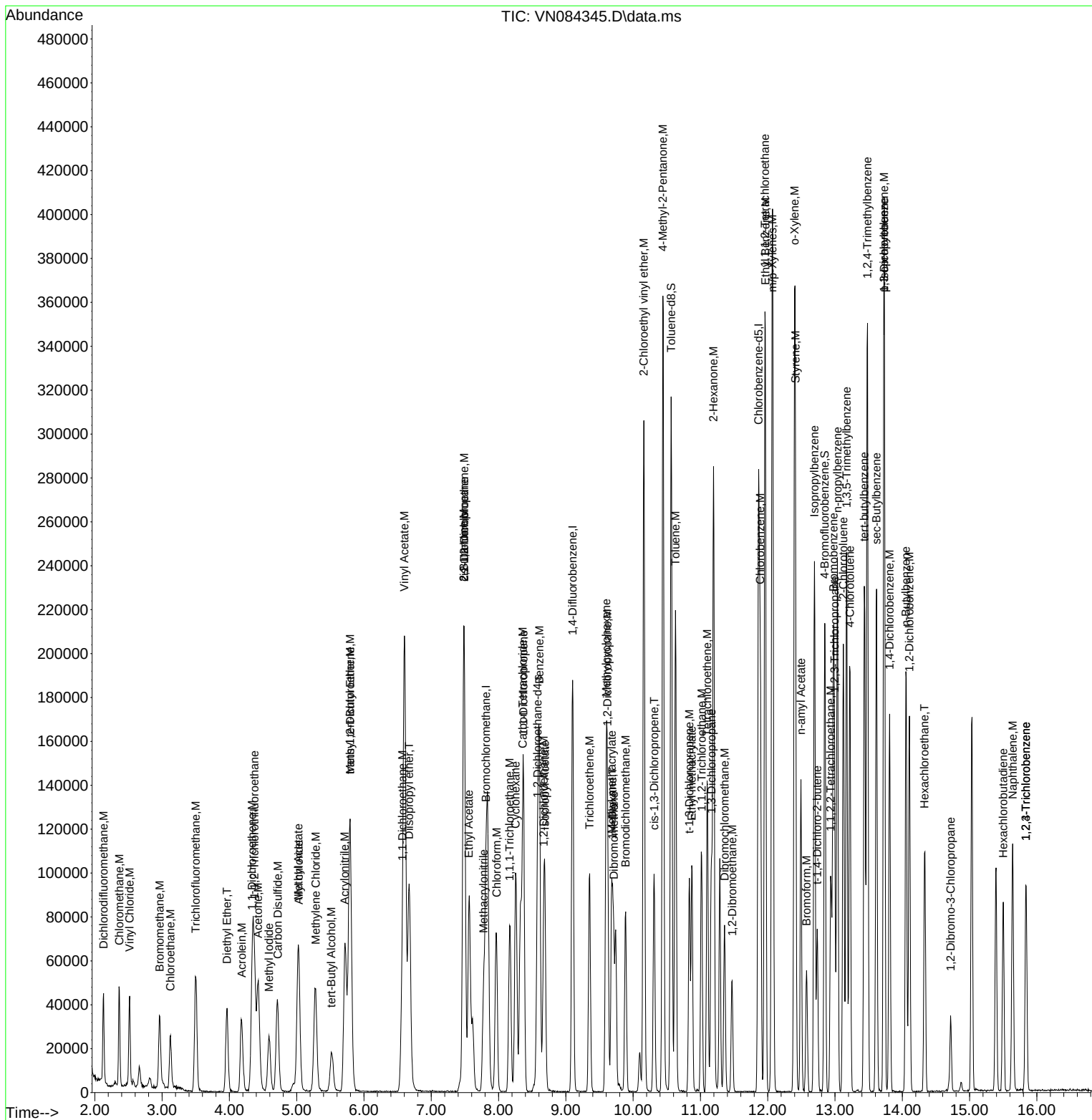
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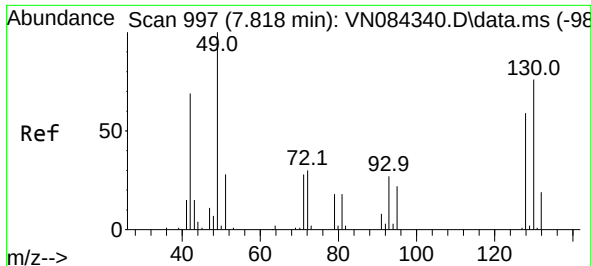
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49685	17.445	ug/l	100
44) Isopropyl Acetate	8.688	43	83446	17.900	ug/l	98
45) 1,4-Dioxane	9.694	88	14032	333.912	ug/l	97
46) Methyl methacrylate	9.683	41	38891	17.267	ug/l	97
47) n-amyl Acetate	12.494	43	71441	17.229	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	55994	17.639	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	60903	18.306	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	34999	17.994	ug/l	98
51) Ethyl methacrylate	10.871	69	56110	17.465	ug/l	97
52) 1,3-Dichloropropane	11.165	76	62433	18.358	ug/l	99
53) Dibromochloromethane	11.359	129	41504	18.063	ug/l	100
54) 1,2-Dibromoethane	11.471	107	35918	17.940	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	137593	94.427	ug/l	99
56) Bromoform	12.576	173	26031	17.082	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	247223	87.207	ug/l	99
59) 2-Hexanone	11.194	43	183240	86.985	ug/l	99
61) Tetrachloroethene	11.100	164	32562	18.916	ug/l	95
62) Toluene	10.630	91	164465	18.460	ug/l	100
64) Chlorobenzene	11.888	112	99407	17.931	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	35566	18.466	ug/l	98
66) Ethyl Benzene	11.965	91	171373	17.705	ug/l	99
67) m/p-Xylenes	12.071	106	133521	36.364	ug/l	99
68) o-Xylene	12.400	106	63492	17.939	ug/l	100
69) Styrene	12.412	104	108383	17.839	ug/l	99
70) Isopropylbenzene	12.694	105	161771	17.904	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	49802	17.818	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	63845	26.671	ug/l	54
73) Bromobenzene	12.976	156	39538	18.069	ug/l	97
74) n-propylbenzene	13.035	91	190983	17.738	ug/l	99
75) 2-Chlorotoluene	13.124	91	121976	18.231	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	136775	17.979	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	16364	15.997	ug/l	87
78) 4-Chlorotoluene	13.224	91	120716	17.746	ug/l	100
79) tert-butylbenzene	13.435	119	113881	17.546	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	136396	17.670	ug/l	99
81) sec-Butylbenzene	13.618	105	158374	17.724	ug/l	98
82) p-Isopropyltoluene	13.729	119	129631	17.236	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	72989	17.939	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	70611	17.477	ug/l	98
85) n-Butylbenzene	14.053	91	110590	16.977	ug/l	99
86) Hexachloroethane	14.329	117	24963	17.228	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	69725	17.724	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.718	75	9246	16.176	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	34455	16.846	ug/l	95
90) Hexachlorobutadiene	15.500	225	16231	17.153	ug/l	98
91) Naphthalene	15.641	128	104075	15.016	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34455	16.846	ug/l	95

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

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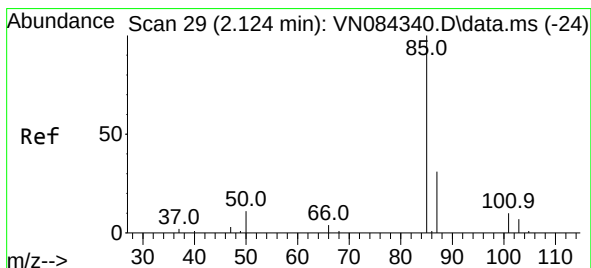
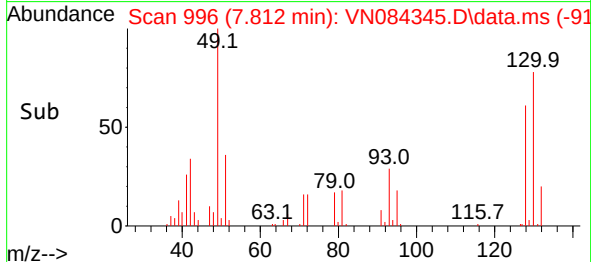
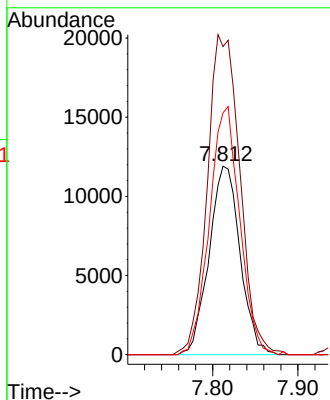
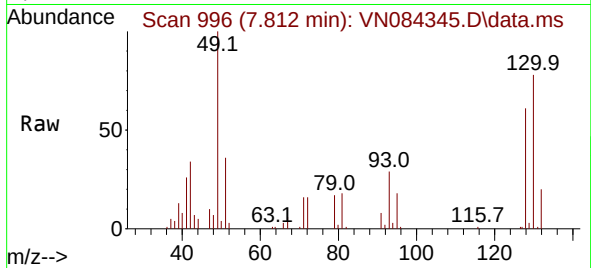




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.812 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

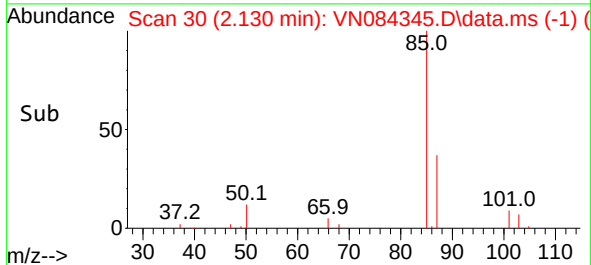
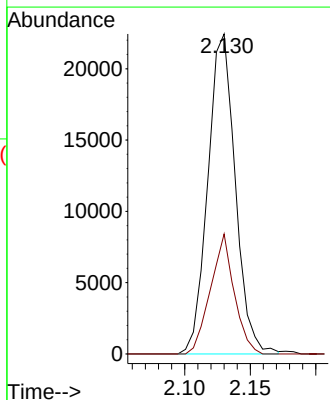
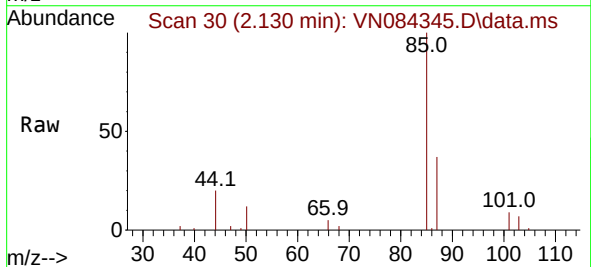
Instrument :
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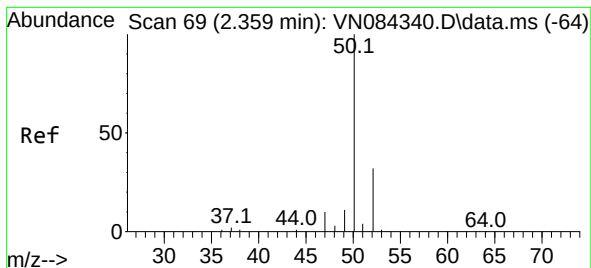
Tgt Ion:128 Resp: 30094
 Ion Ratio Lower Upper
 128 100
 49 178.7 0.0 430.0
 130 128.8 0.0 329.8



#2
 Dichlorodifluoromethane
 Concen: 17.787 ug/l
 RT: 2.130 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion: 85 Resp: 32682
 Ion Ratio Lower Upper
 85 100
 87 37.5 15.4 46.4





#3

Chloromethane

Concen: 18.741 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

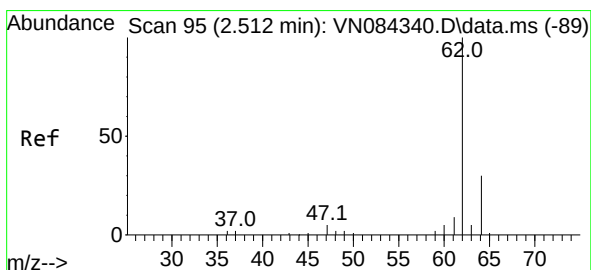
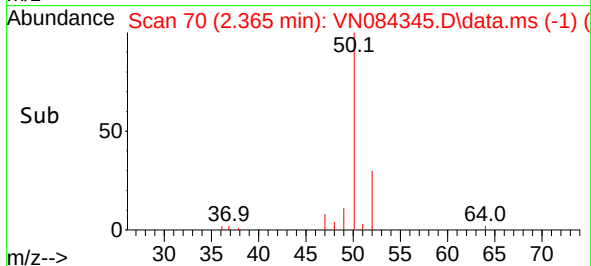
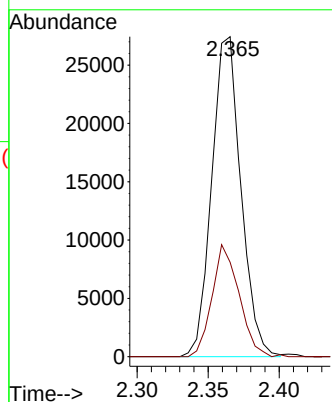
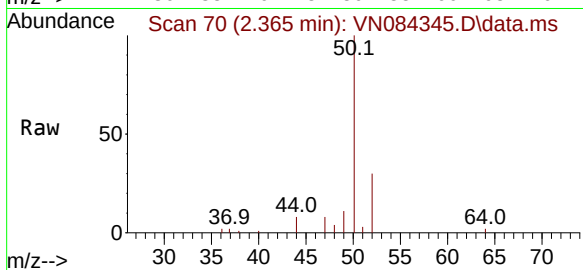
VN1008WBSD01

Tgt Ion: 50 Resp: 39185

Ion Ratio Lower Upper

50 100

52 29.5 25.8 38.6



#4

Vinyl Chloride

Concen: 18.463 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN084345.D

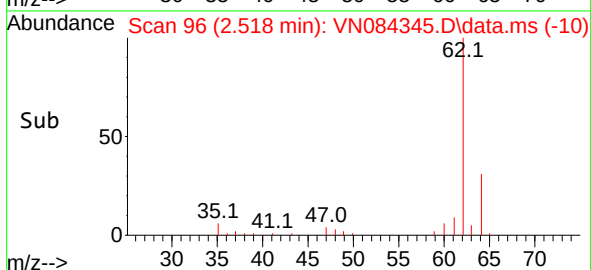
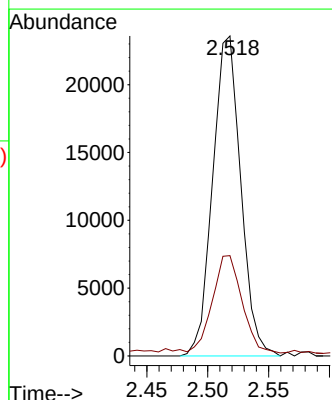
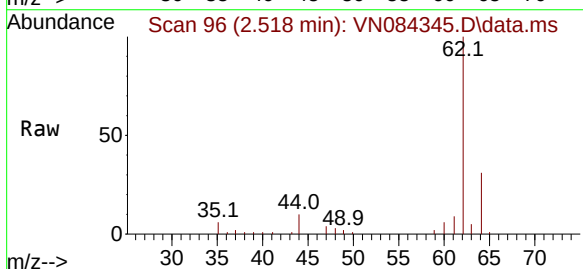
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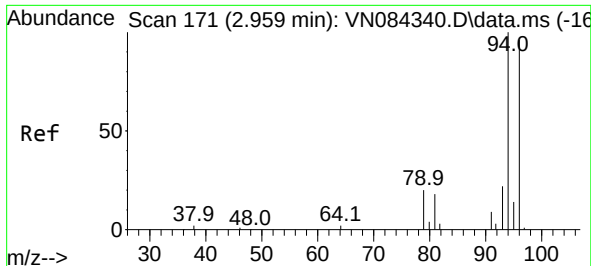
Tgt Ion: 62 Resp: 37858

Ion Ratio Lower Upper

62 100

64 30.4 24.3 36.5

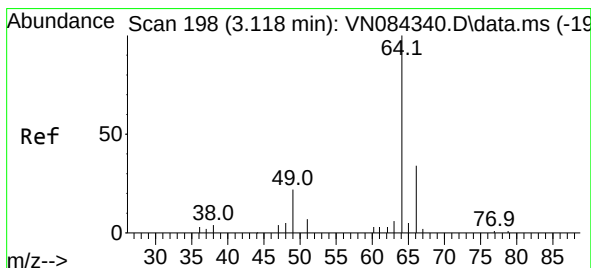
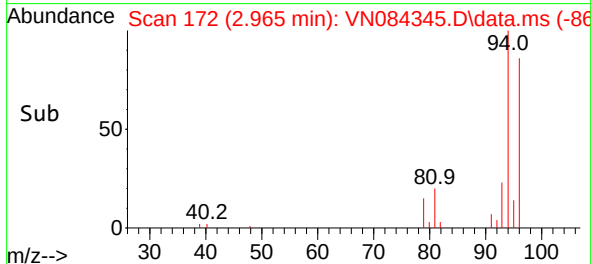
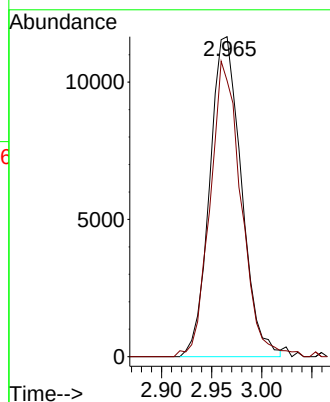
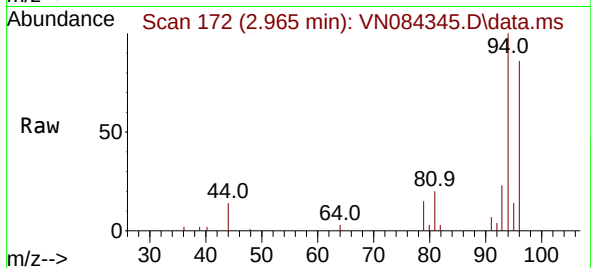




#5
Bromomethane
Concen: 18.878 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

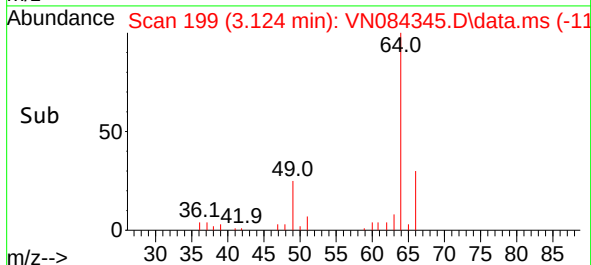
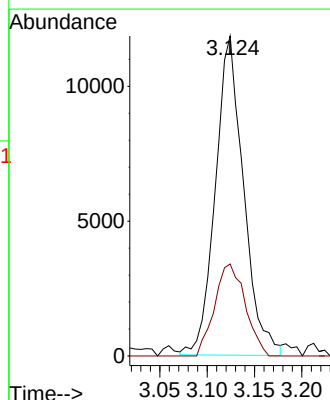
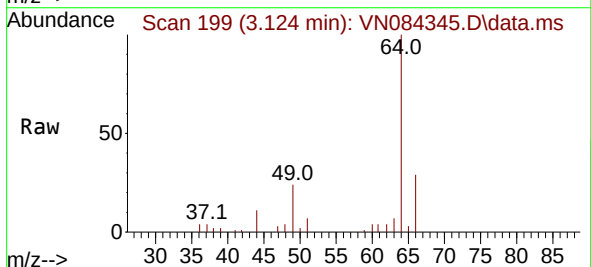
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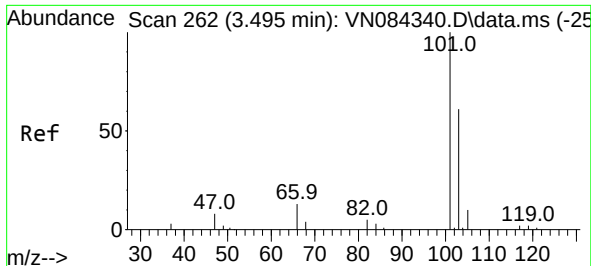
Tgt Ion: 94 Resp: 25645
Ion Ratio Lower Upper
94 100
96 84.4 76.7 115.1



#6
Chloroethane
Concen: 18.227 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 64 Resp: 24501
Ion Ratio Lower Upper
64 100
66 29.1 27.7 41.5

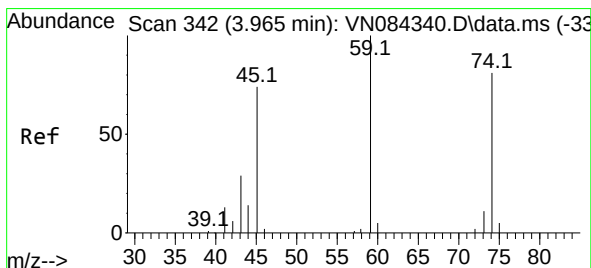
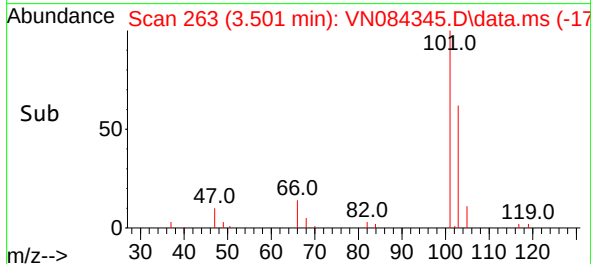
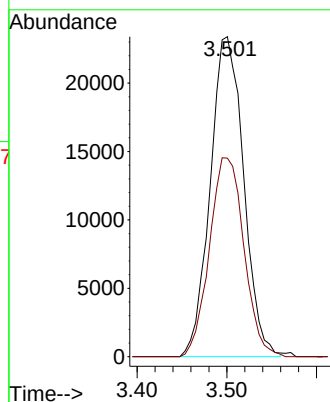
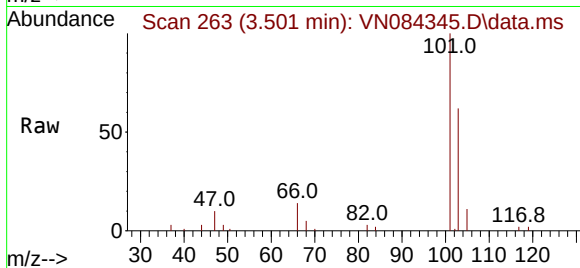




#7
Trichlorofluoromethane
Concen: 18.097 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

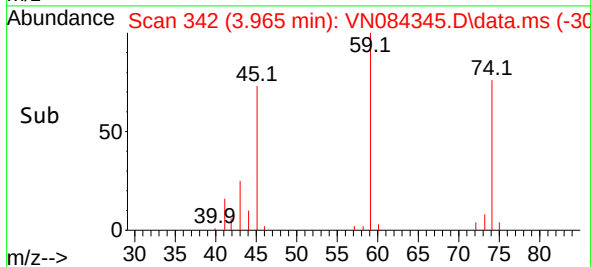
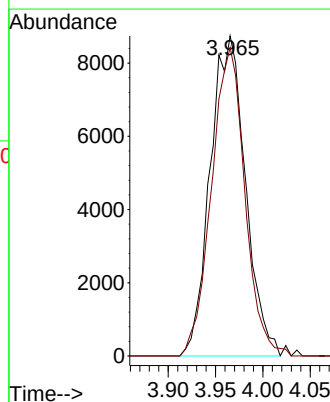
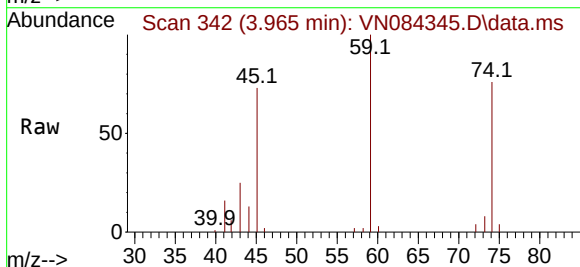
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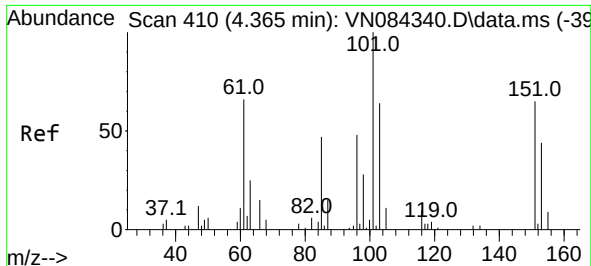
Tgt Ion:101 Resp: 60443
Ion Ratio Lower Upper
101 100
103 62.1 49.0 73.6



#8
Diethyl Ether
Concen: 18.425 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 74 Resp: 22624
Ion Ratio Lower Upper
74 100
45 90.9 19.2 173.2

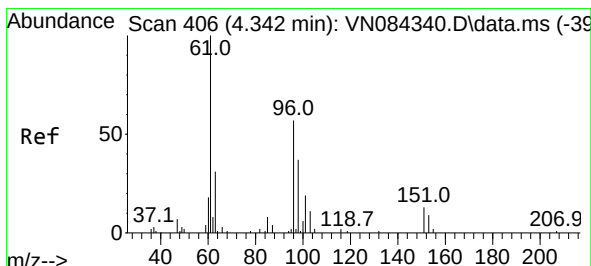
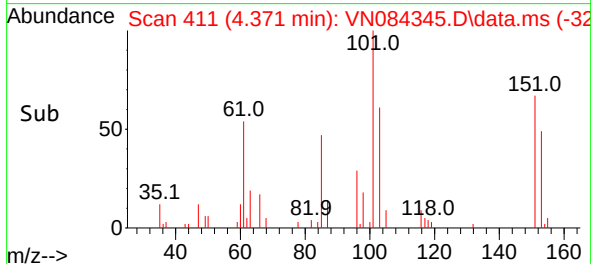
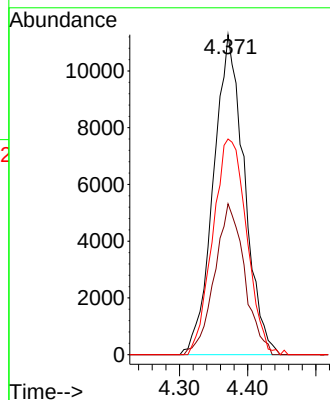
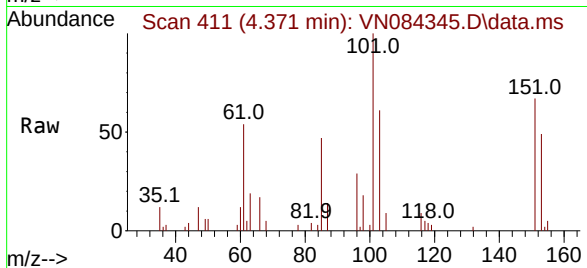




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.929 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084345.D
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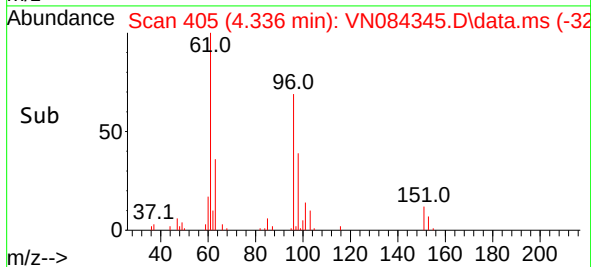
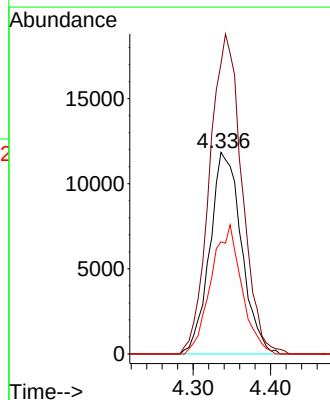
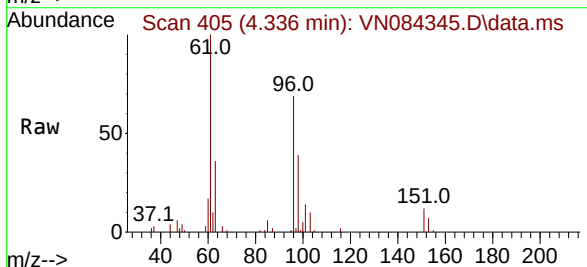
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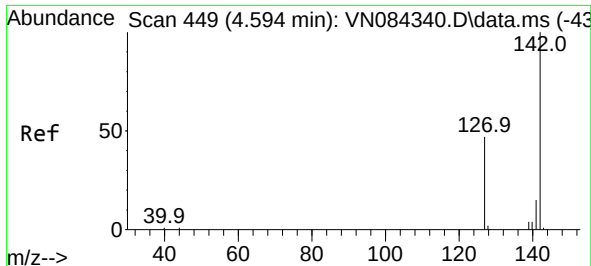
Tgt Ion:101 Resp: 35548
Ion Ratio Lower Upper
101 100
85 45.8 0.0 93.6
151 73.7 0.0 151.8



#10
1,1-Dichloroethene
Concen: 17.938 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 96 Resp: 33612
Ion Ratio Lower Upper
96 100
61 144.0 140.8 211.2
98 55.6 52.2 78.2

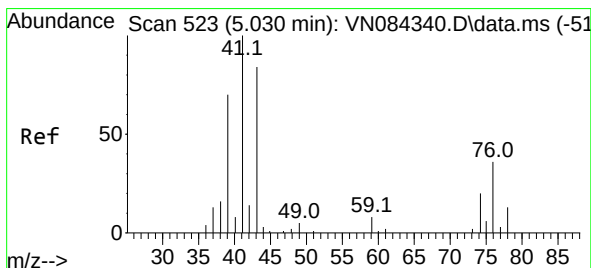
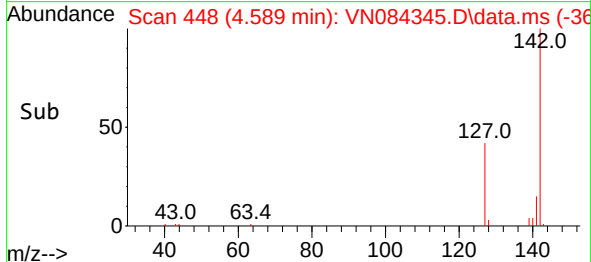
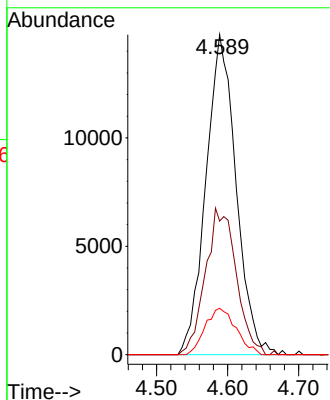
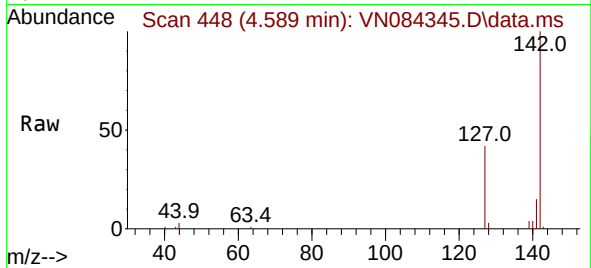




#11
Methyl Iodide
Concen: 17.650 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

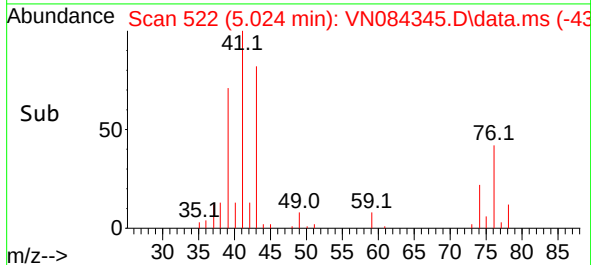
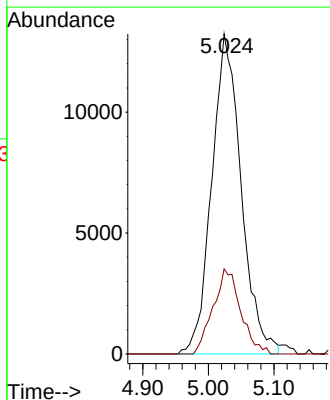
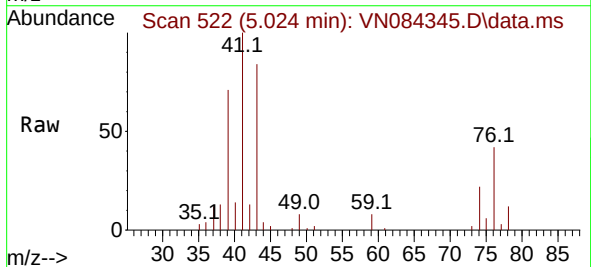
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

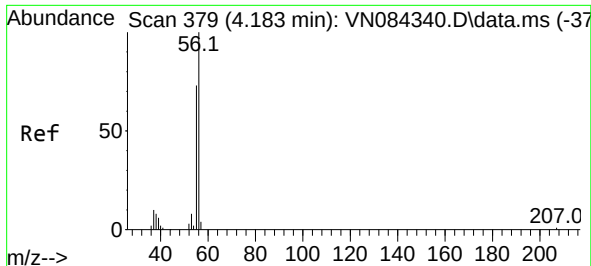
Tgt Ion:142 Resp: 43463
Ion Ratio Lower Upper
142 100
127 41.7 23.8 71.4
141 14.5 7.4 22.2



#12
Methyl Acetate
Concen: 17.572 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 43 Resp: 41221
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.2





#13

Acrolein

Concen: 100.459 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

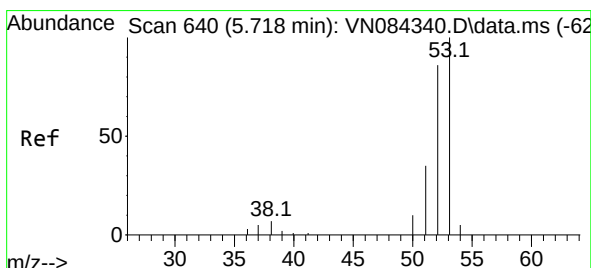
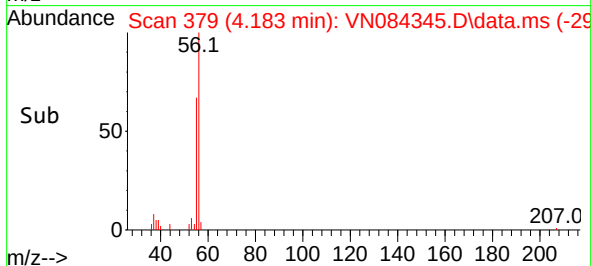
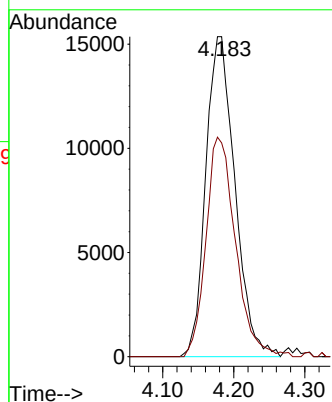
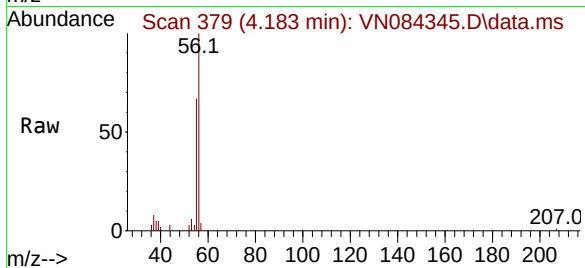
VN1008WBSD01

Tgt Ion: 56 Resp: 43777

Ion Ratio Lower Upper

56 100

55 69.1 56.4 84.6



#14

Acrylonitrile

Concen: 86.332 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

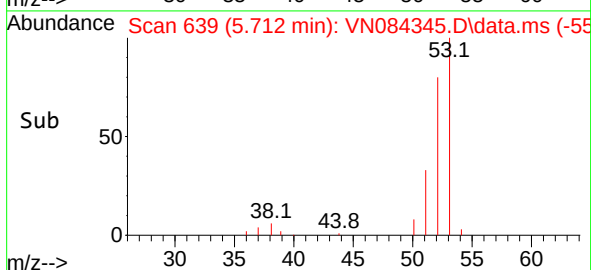
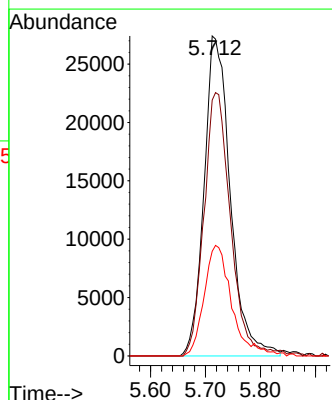
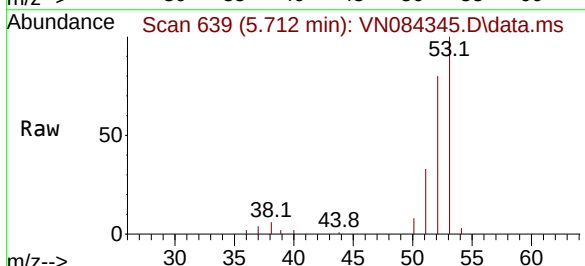
Tgt Ion: 53 Resp: 90986

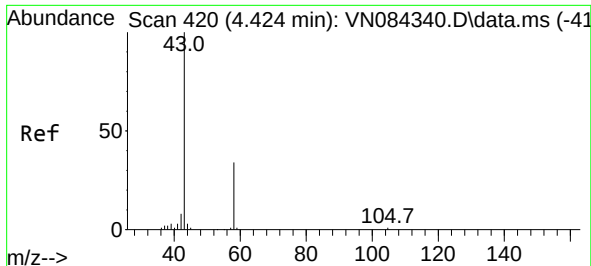
Ion Ratio Lower Upper

53 100

52 82.9 40.4 121.2

51 34.5 17.8 53.4





#15

Acetone

Concen: 98.316 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

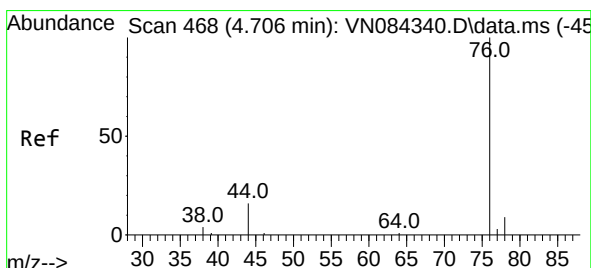
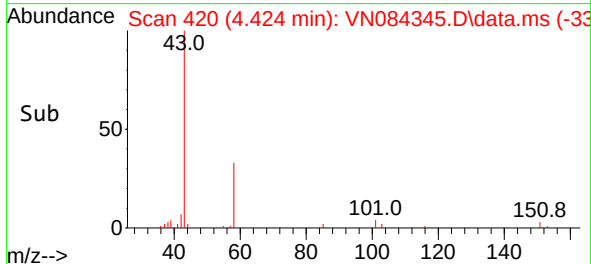
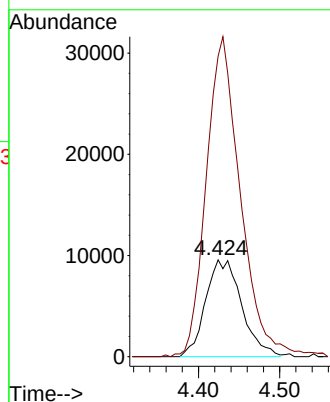
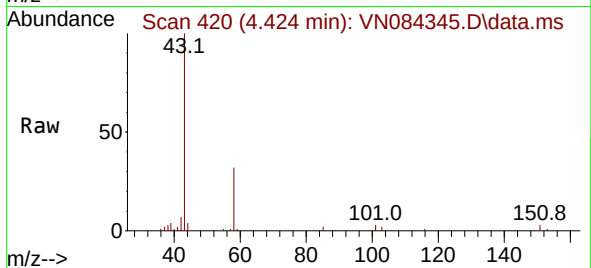
VN1008WBSD01

Tgt Ion: 58 Resp: 29599

Ion Ratio Lower Upper

58 100

43 307.5 237.5 356.3



#16

Carbon Disulfide

Concen: 17.116 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN084345.D

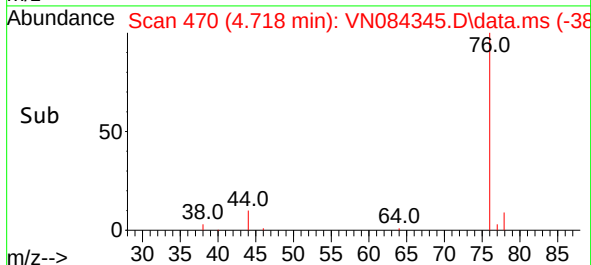
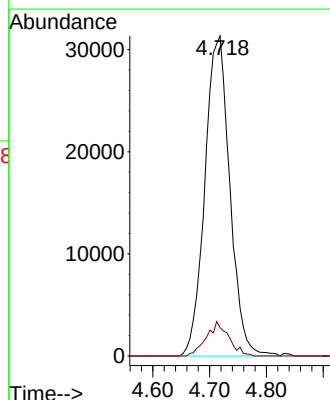
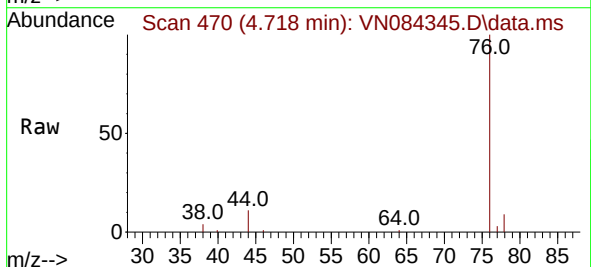
Acq: 08 Oct 2024 13:21

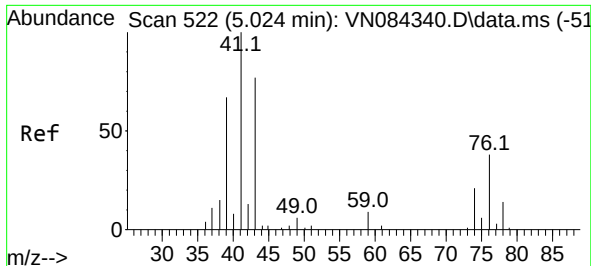
Tgt Ion: 76 Resp: 95505

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





#17

Allyl chloride

Concen: 17.157 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

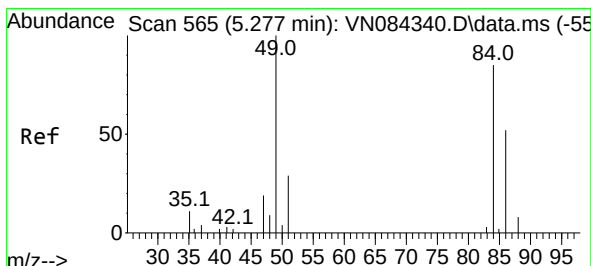
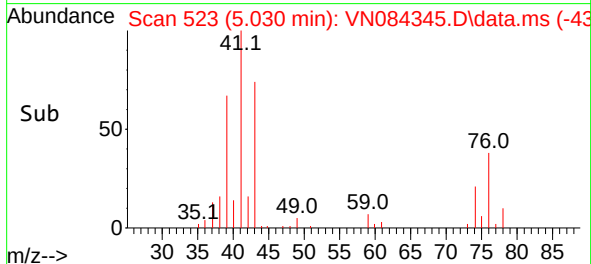
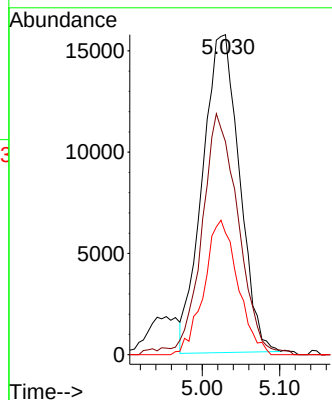
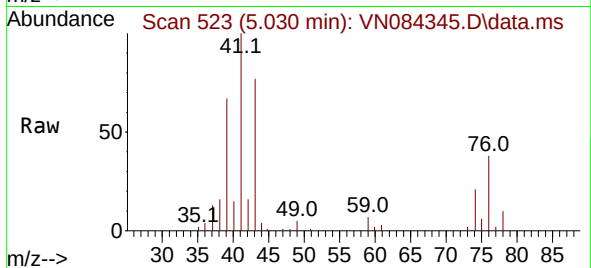
Tgt Ion: 41 Resp: 52116

Ion Ratio Lower Upper

41 100

39 65.8 31.4 94.3

76 38.5 17.8 53.5



#18

Methylene Chloride

Concen: 18.123 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Tgt Ion: 84 Resp: 38256

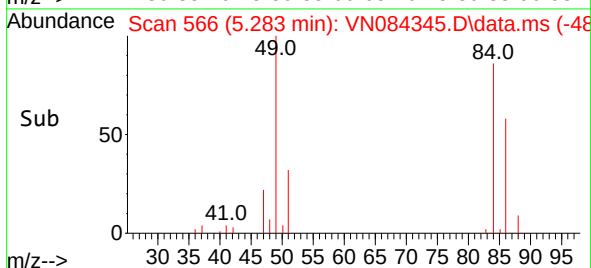
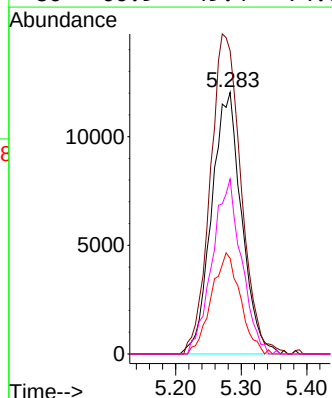
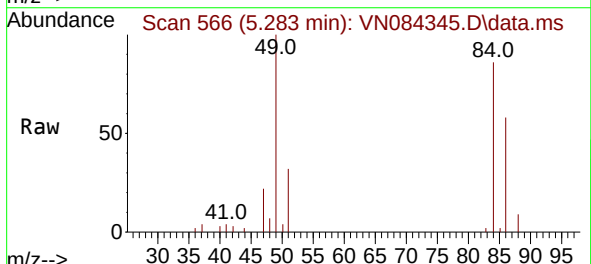
Ion Ratio Lower Upper

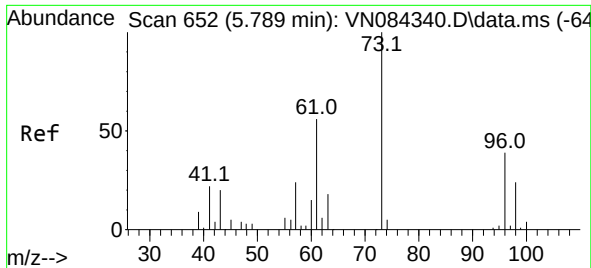
84 100

49 115.9 94.6 142.0

51 36.6 27.3 40.9

86 66.9 49.4 74.0

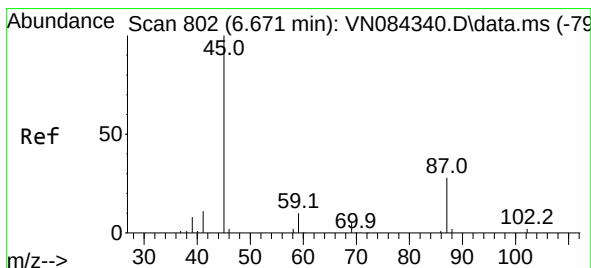
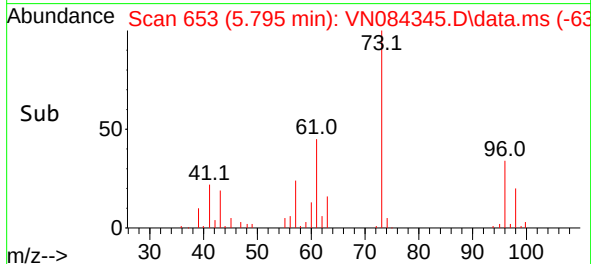
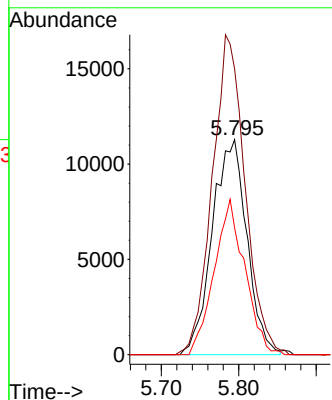
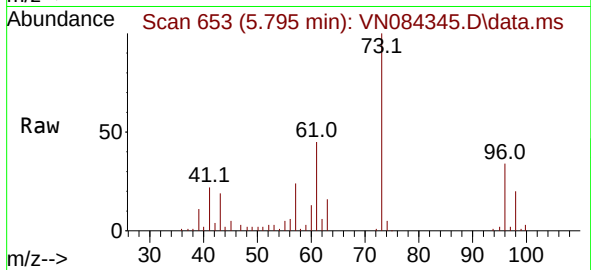




#19
trans-1,2-Dichloroethene
Concen: 17.651 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

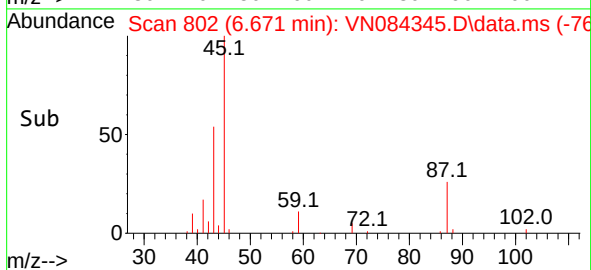
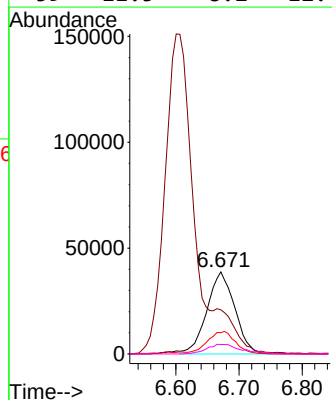
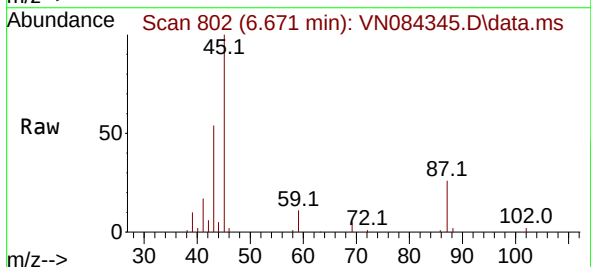
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

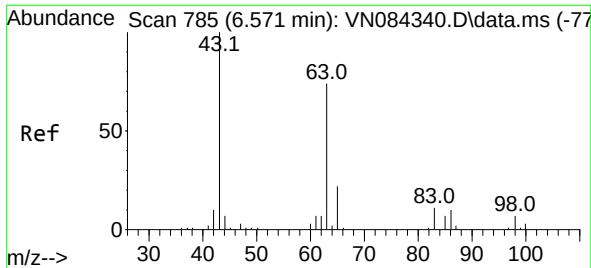
Tgt Ion: 96 Resp: 35005
Ion Ratio Lower Upper
96 100
61 131.5 115.8 173.6
98 59.0 49.4 74.0



#20
Diisopropyl ether
Concen: 18.177 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 45 Resp: 118713
Ion Ratio Lower Upper
45 100
43 52.3 43.7 65.5
87 26.0 23.1 34.7
59 11.5 8.2 12.4

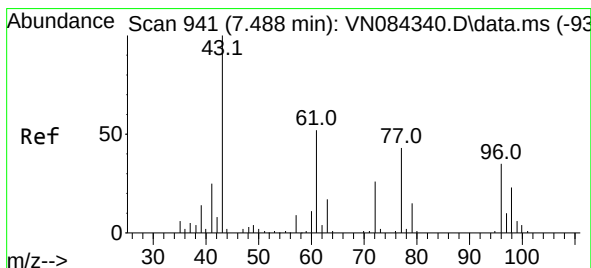
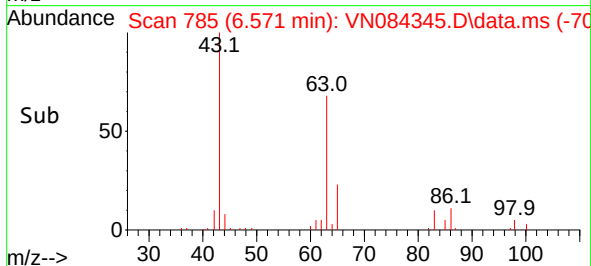
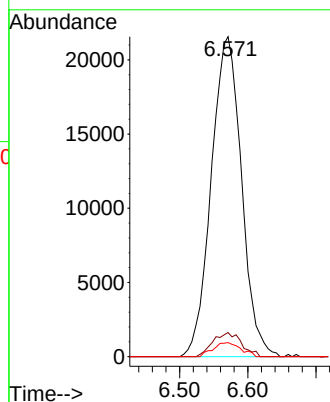
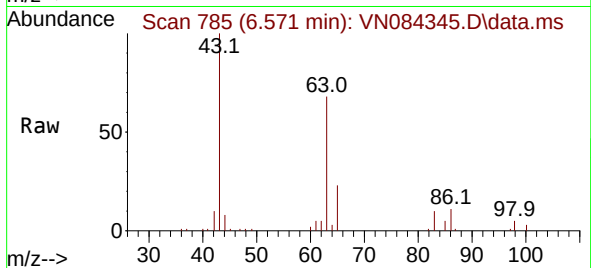




#21
1,1-Dichloroethane
Concen: 17.763 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

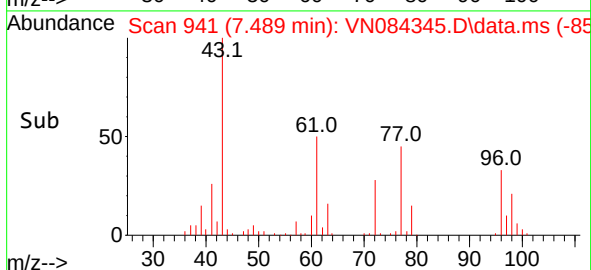
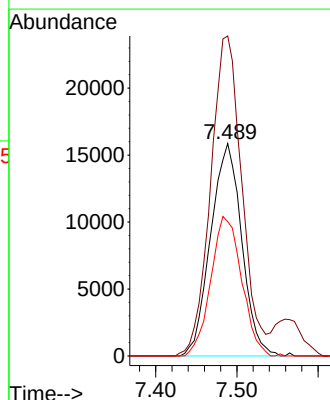
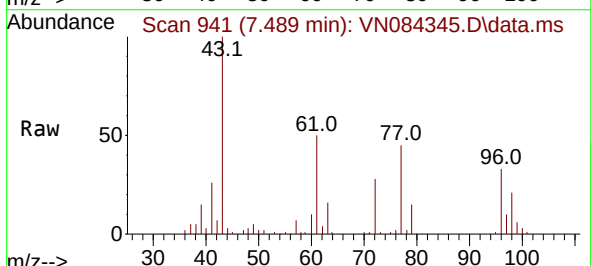
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

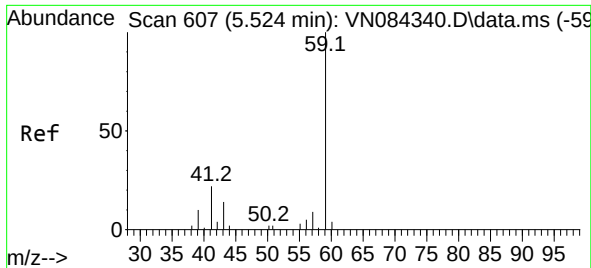
Tgt Ion: 63 Resp: 66566
Ion Ratio Lower Upper
63 100
98 7.6 4.5 13.4
100 4.4 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.300 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 96 Resp: 42231
Ion Ratio Lower Upper
96 100
61 150.7 118.0 177.0
98 65.0 51.8 77.8

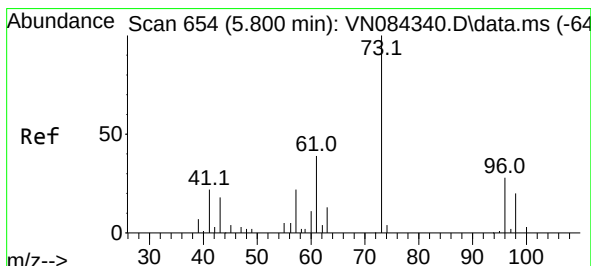
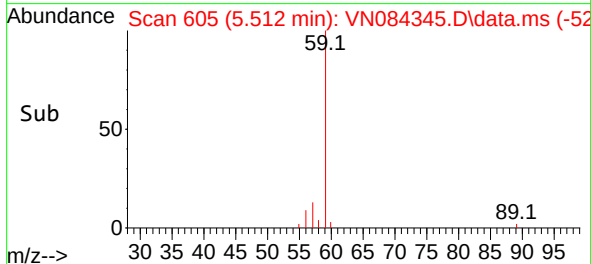
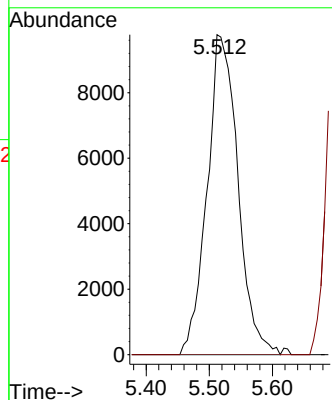
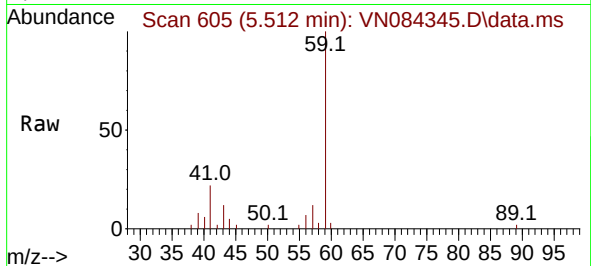




#23
tert-Butyl Alcohol
Concen: 81.847 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

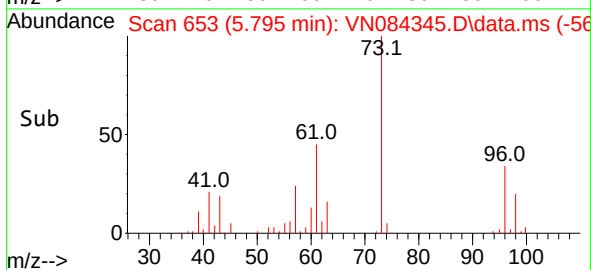
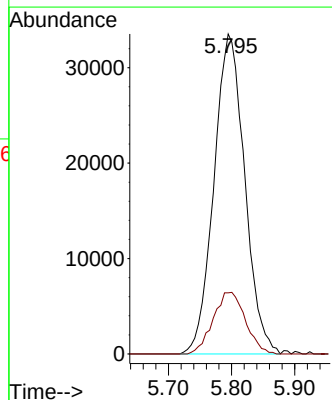
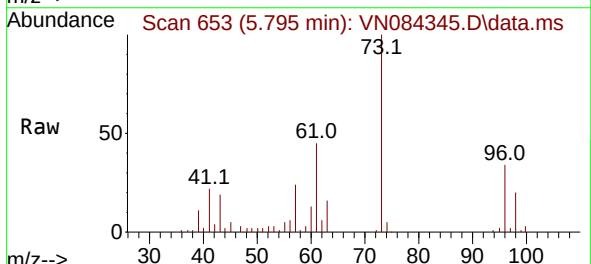
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

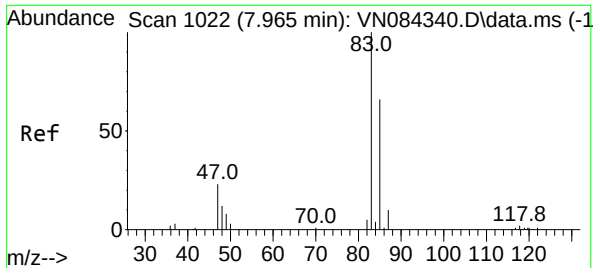
Tgt Ion: 59 Resp: 33087
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.149 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 73 Resp: 113649
Ion Ratio Lower Upper
73 100
43 20.2 10.9 16.3#





#25

Chloroform

Concen: 18.885 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

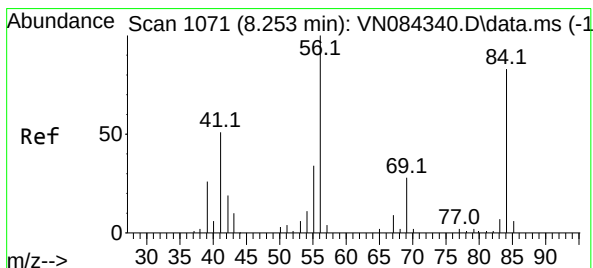
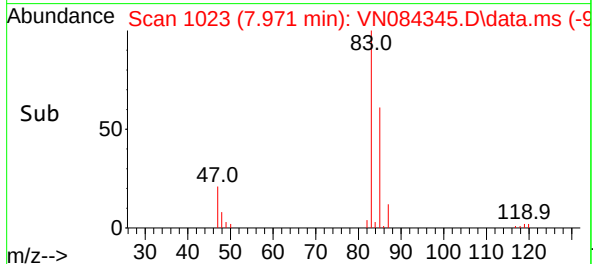
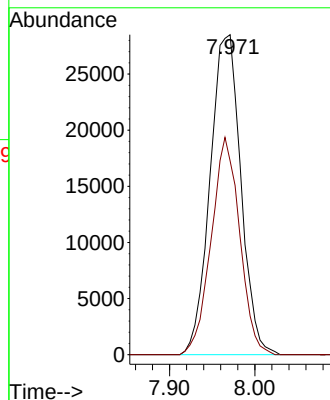
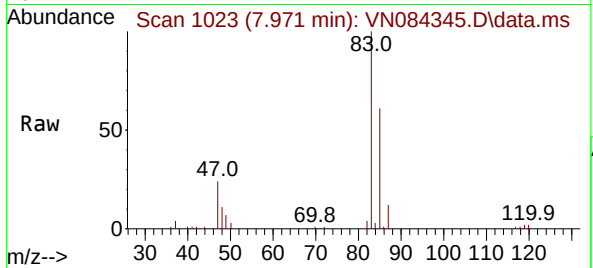
VN1008WBSD01

Tgt Ion: 83 Resp: 71675

Ion Ratio Lower Upper

83 100

85 60.5 52.4 78.6



#26

Cyclohexane

Concen: 17.127 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

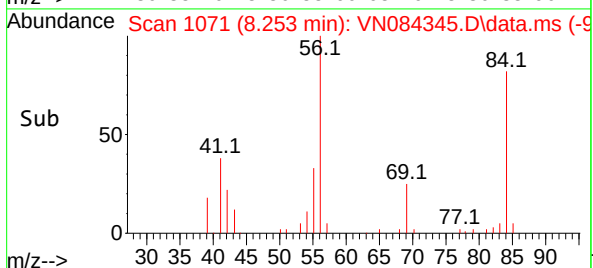
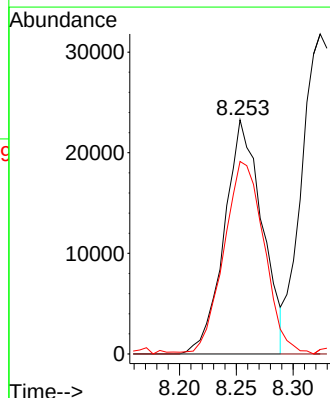
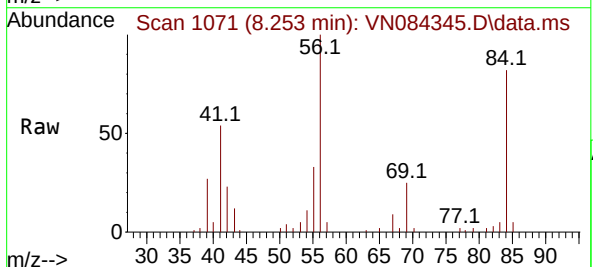
Tgt Ion: 56 Resp: 53679

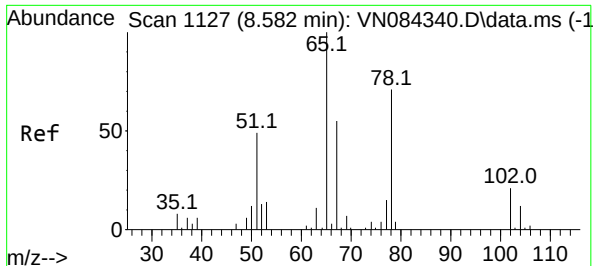
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 67.0 100.6

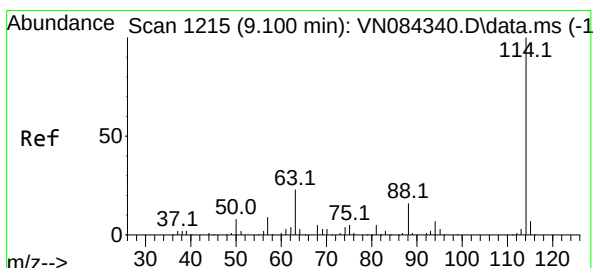
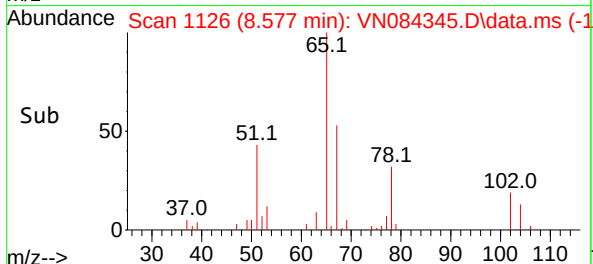
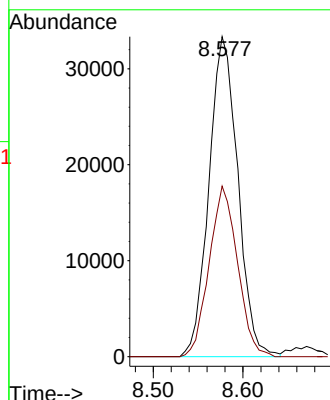
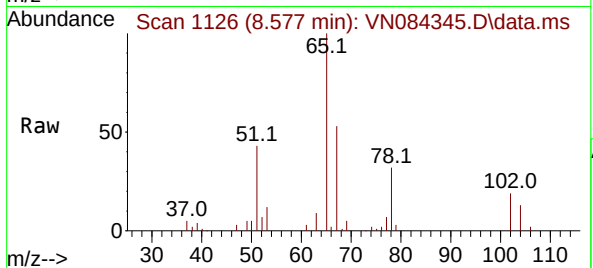




#27
 1,2-Dichloroethane-d4
 Concen: 30.794 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

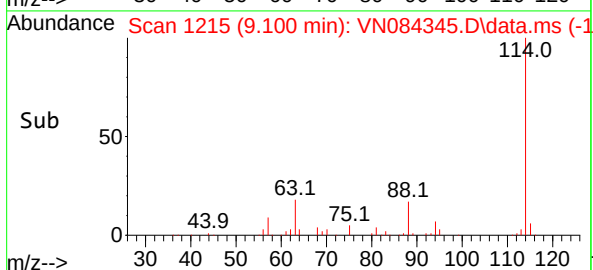
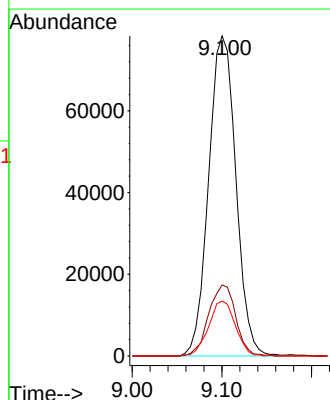
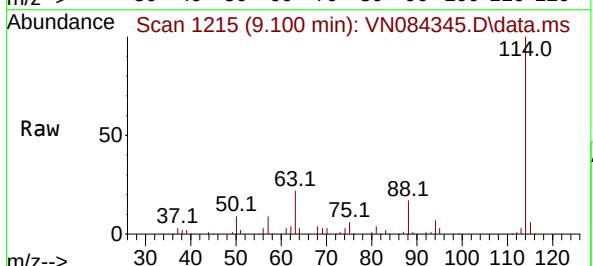
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

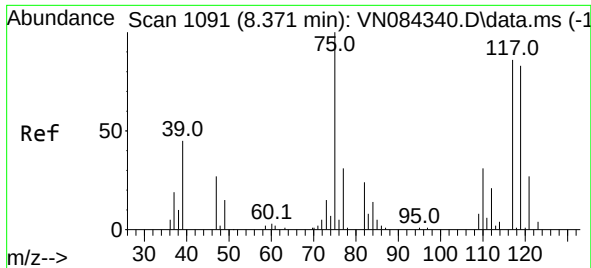
Tgt Ion: 65 Resp: 74609
 Ion Ratio Lower Upper
 65 100
 67 52.3 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion: 114 Resp: 165231
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.4 26.0
 88 16.8 13.2 19.8





#29

1,1-Dichloropropene

Concen: 17.788 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

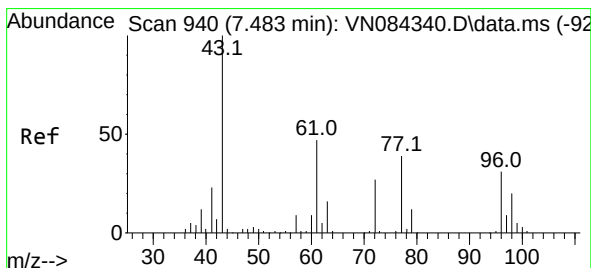
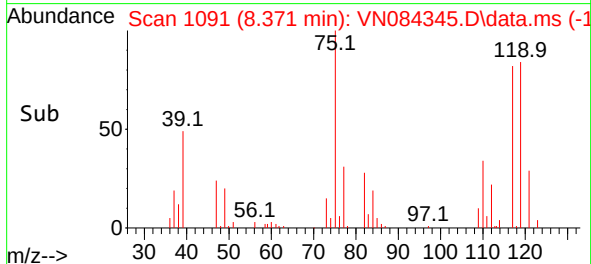
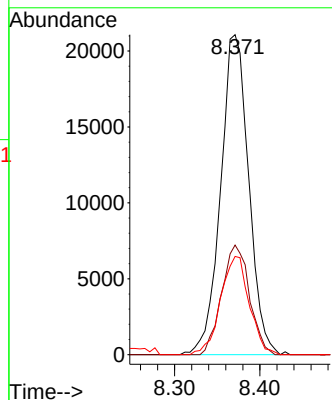
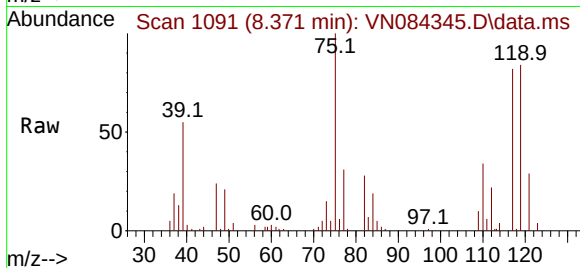
Tgt Ion: 75 Resp: 48248

Ion Ratio Lower Upper

75 100

110 34.0 0.0 67.6

77 31.4 0.0 61.4



#30

2-Butanone

Concen: 88.993 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

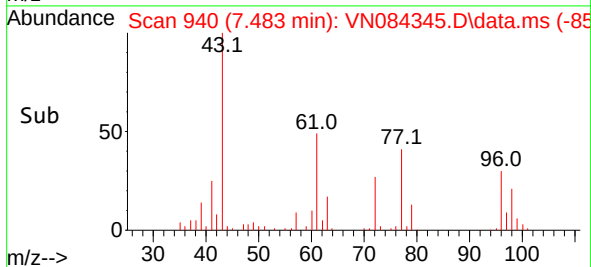
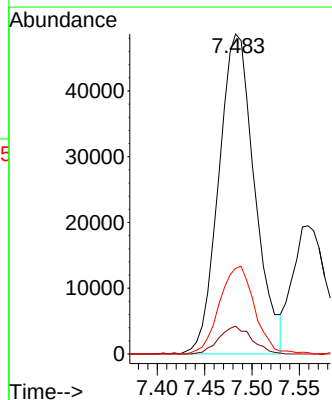
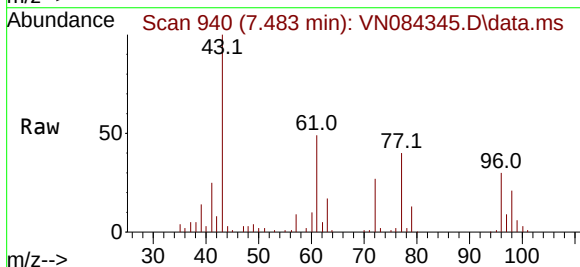
Tgt Ion: 43 Resp: 128518

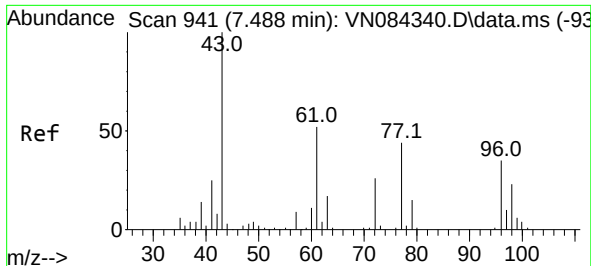
Ion Ratio Lower Upper

43 100

57 7.9 6.6 9.8

72 26.4 21.3 31.9





#31

2,2-Dichloropropane

Concen: 18.518 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

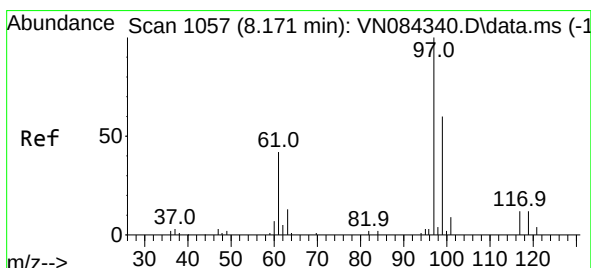
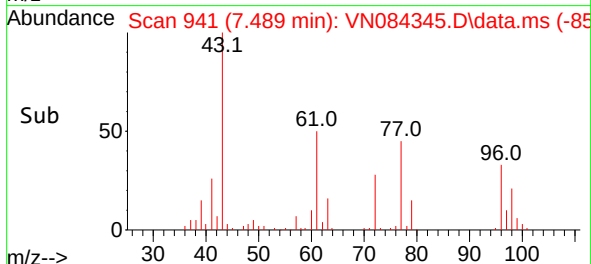
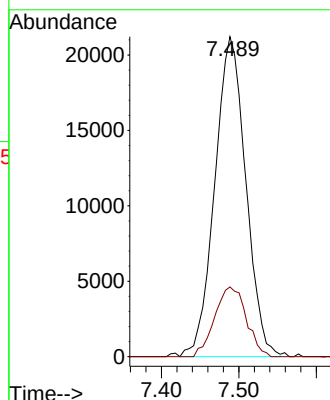
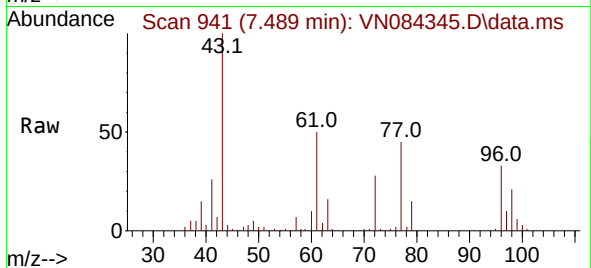
VN1008WBSD01

Tgt Ion: 77 Resp: 59025

Ion Ratio Lower Upper

77 100

97 22.2 11.5 17.3#



#32

1,1,1-Trichloroethane

Concen: 18.092 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

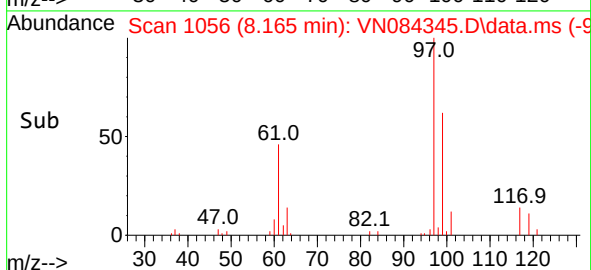
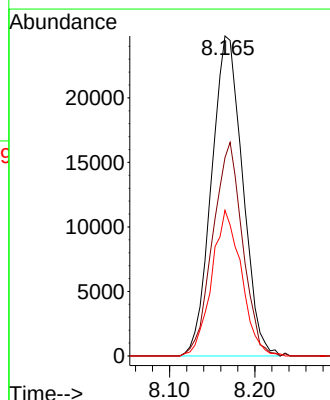
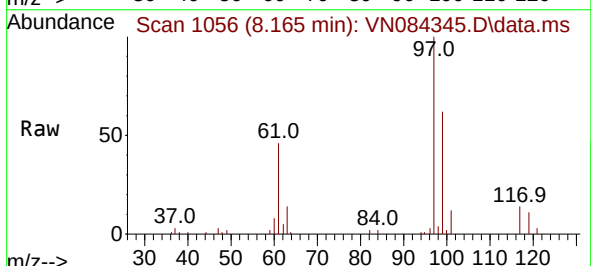
Tgt Ion: 97 Resp: 62724

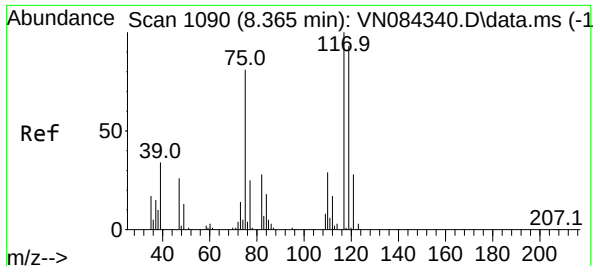
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 43.6 34.1 51.1

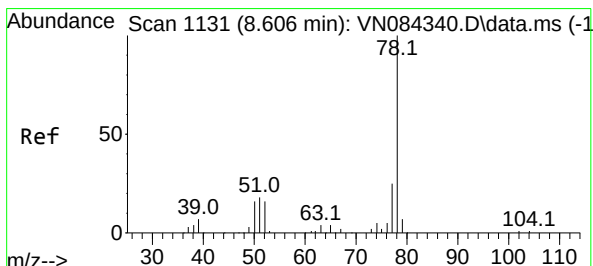
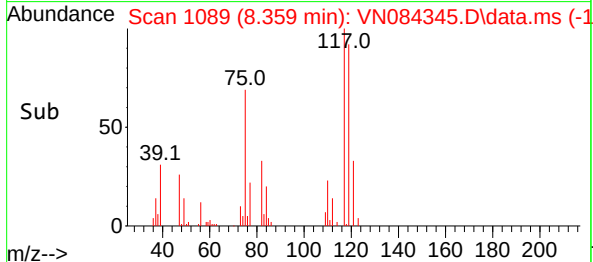
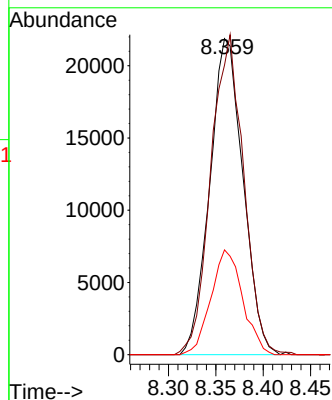
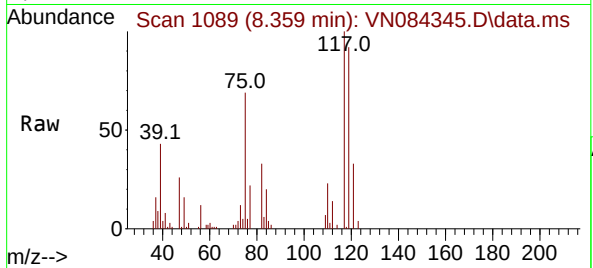




#33
Carbon Tetrachloride
Concen: 17.803 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

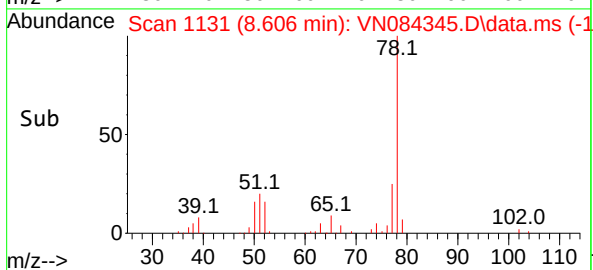
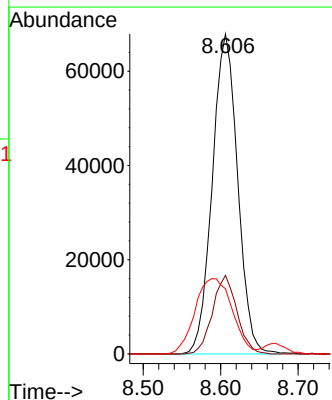
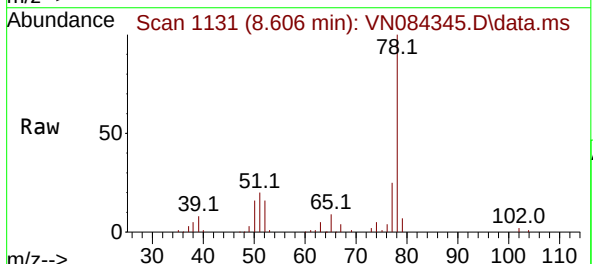
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

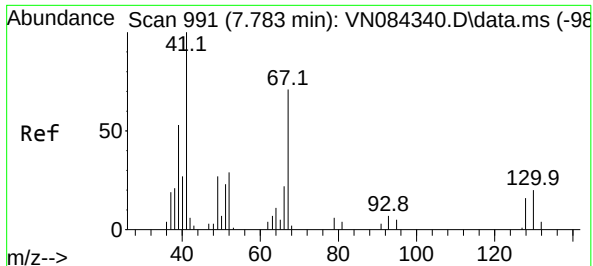
Tgt Ion:117 Resp: 53473
Ion Ratio Lower Upper
117 100
119 90.8 74.3 111.5
121 33.2 22.4 33.6



#34
Benzene
Concen: 18.187 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 78 Resp: 154422
Ion Ratio Lower Upper
78 100
77 24.6 19.6 29.4
51 17.8 15.8 23.6

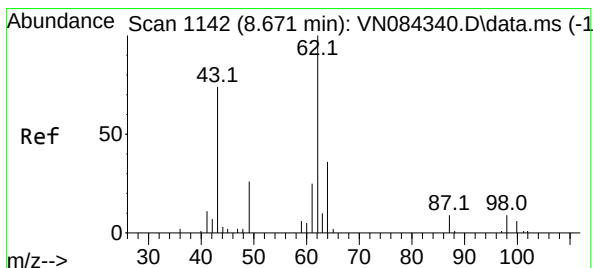
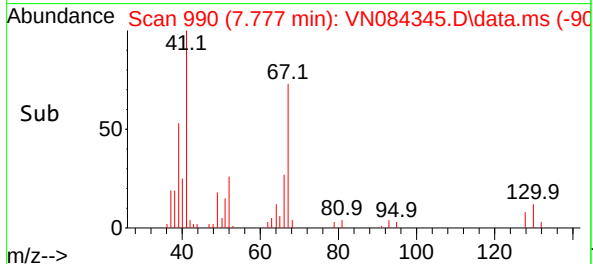
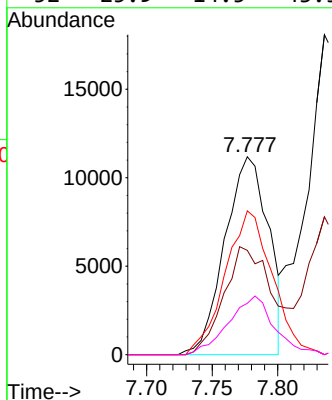
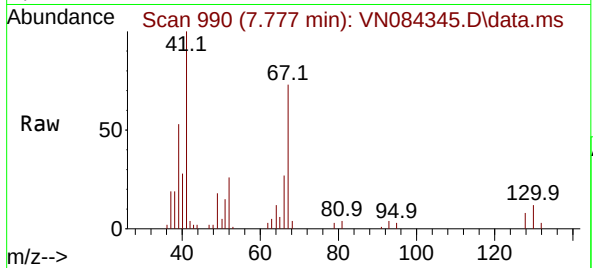




#35
Methacrylonitrile
Concen: 16.847 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

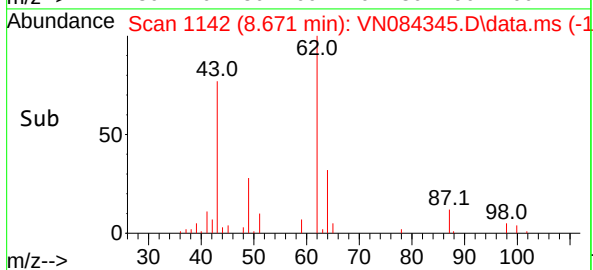
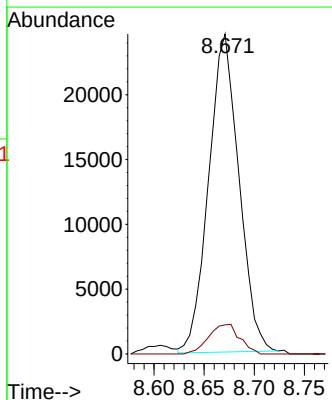
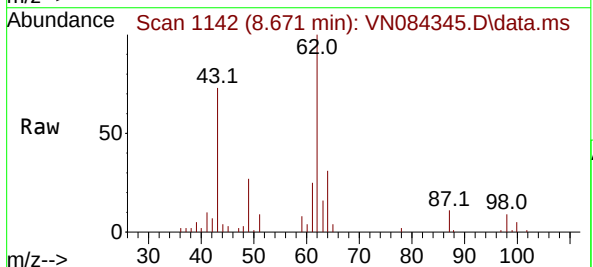
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

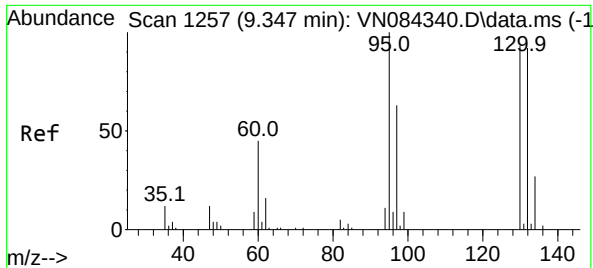
Tgt Ion:	41	Resp:	25955
Ion	Ratio	Lower	Upper
41	100		
39	52.7	26.4	79.0
67	72.6	35.7	107.1
52	25.9	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.207 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:	62	Resp:	51528
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.3	10.9

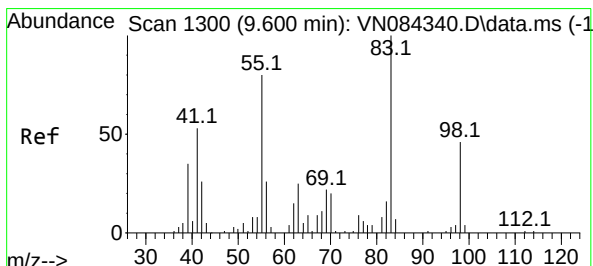
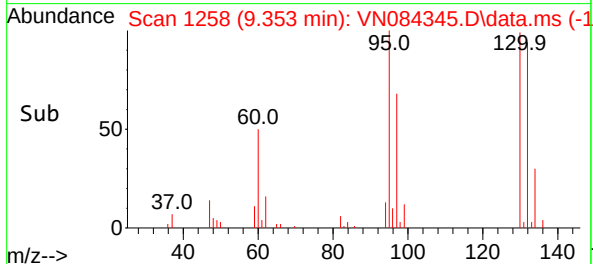
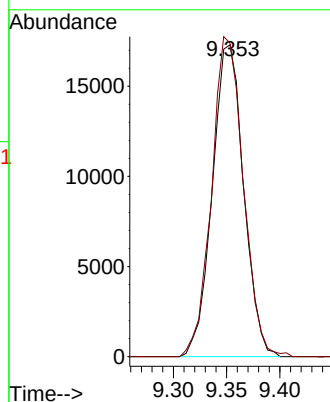
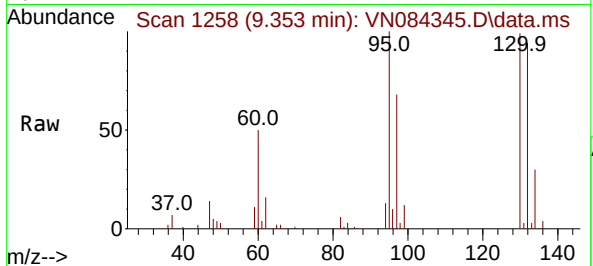




#37
Trichloroethene
Concen: 18.118 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

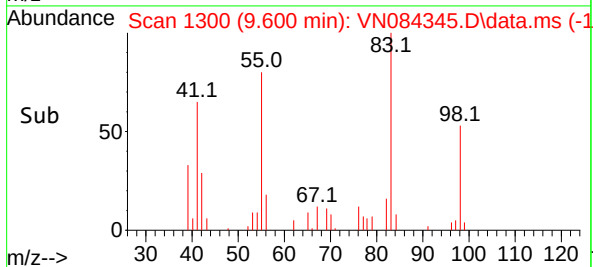
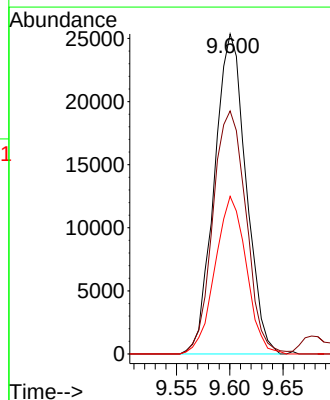
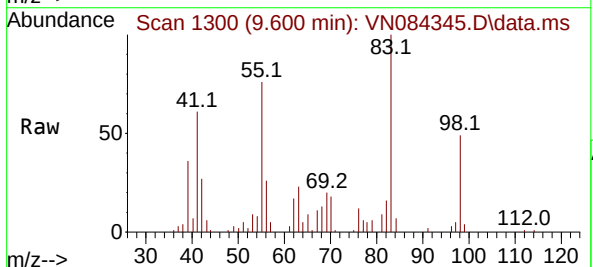
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

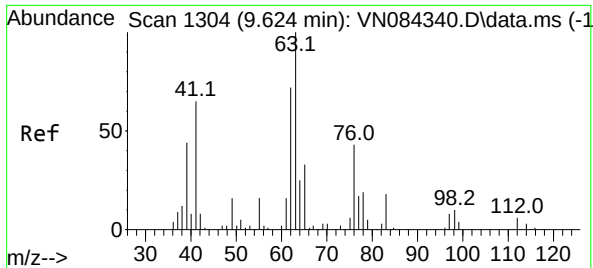
Tgt Ion:130 Resp: 35424
Ion Ratio Lower Upper
130 100
95 100.6 85.8 128.6



#38
Methylcyclohexane
Concen: 17.568 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 83 Resp: 52342
Ion Ratio Lower Upper
83 100
55 79.7 39.3 117.8
98 48.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 17.864 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

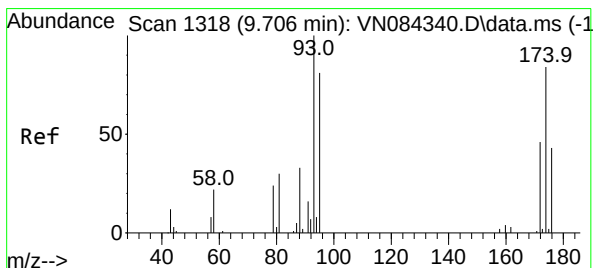
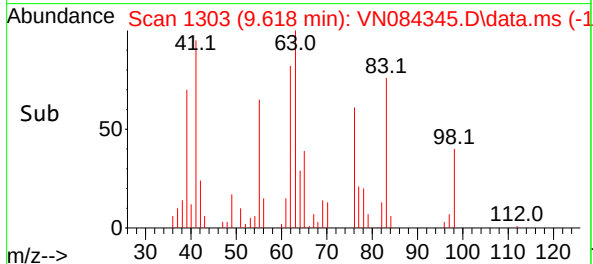
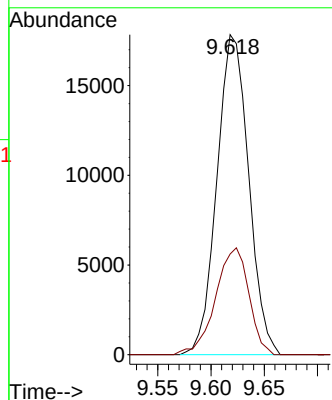
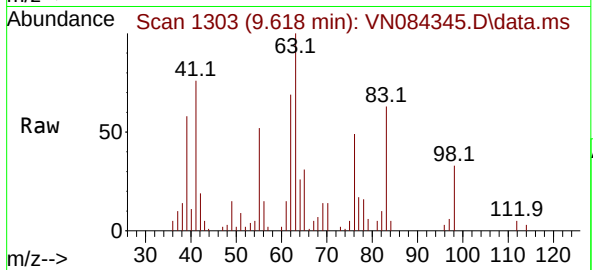
VN1008WBSD01

Tgt Ion: 63 Resp: 36987

Ion Ratio Lower Upper

63 100

65 31.5 26.3 39.5



#40

Dibromomethane

Concen: 18.591 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

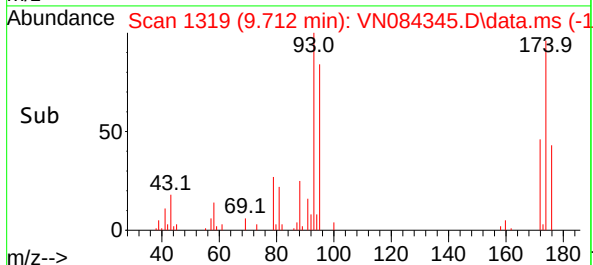
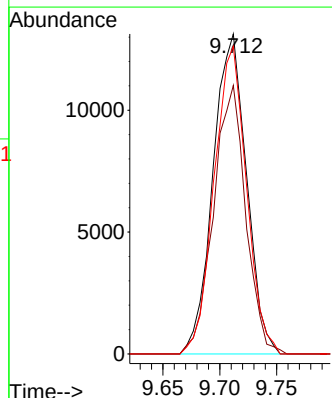
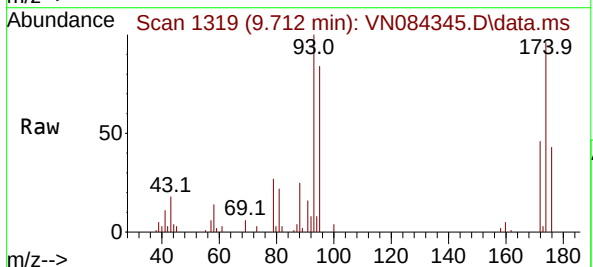
Tgt Ion: 93 Resp: 26903

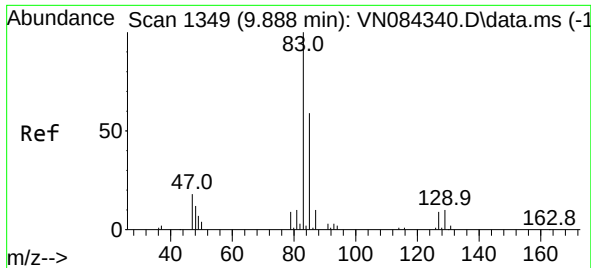
Ion Ratio Lower Upper

93 100

95 80.7 0.0 171.4

174 93.0 0.0 183.0

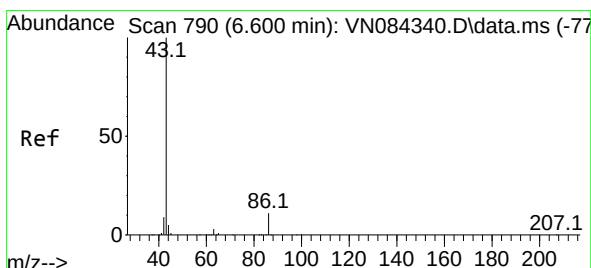
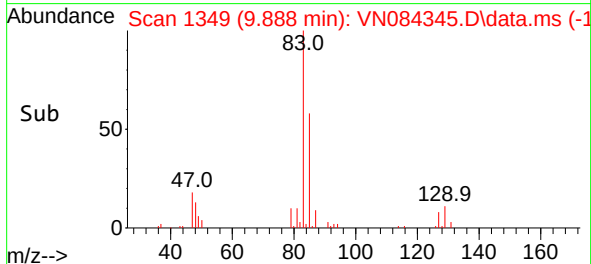
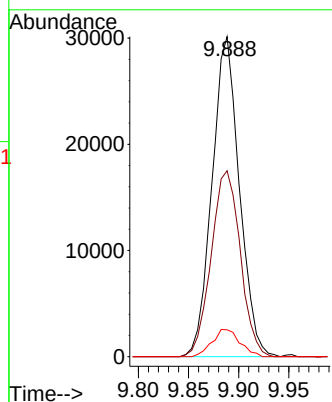
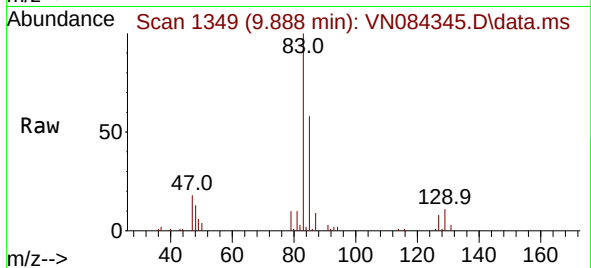




#41
Bromodichloromethane
Concen: 18.565 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

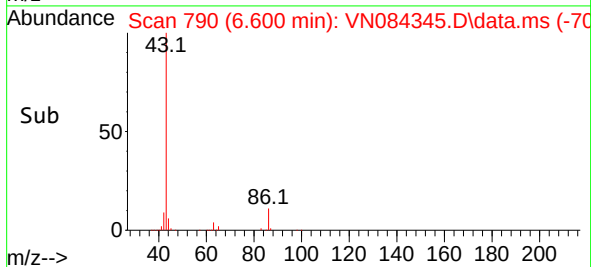
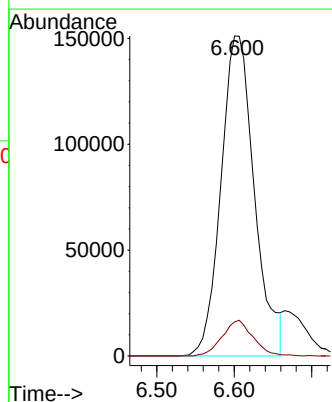
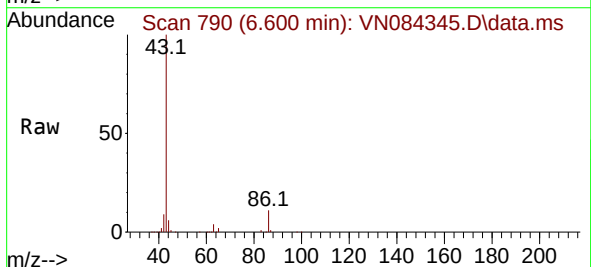
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

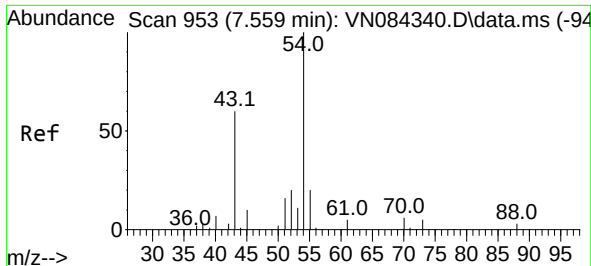
Tgt Ion: 83 Resp: 57031
Ion Ratio Lower Upper
83 100
85 58.1 47.1 70.7
127 8.4 7.1 10.7



#42
Vinyl Acetate
Concen: 90.440 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 43 Resp: 454243
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7

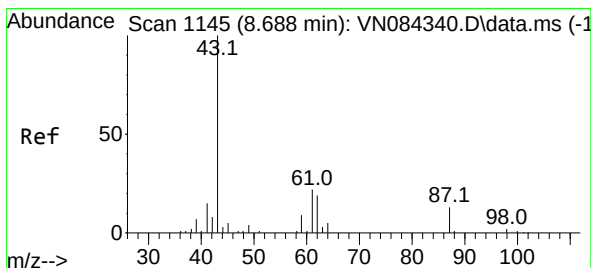
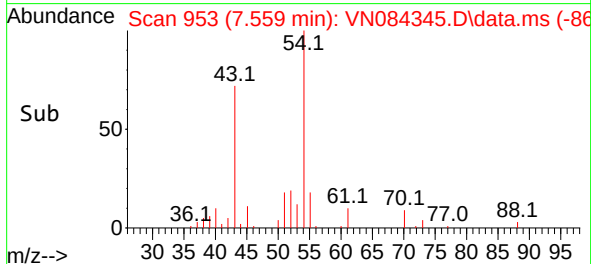
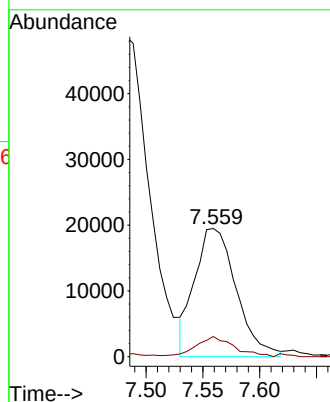
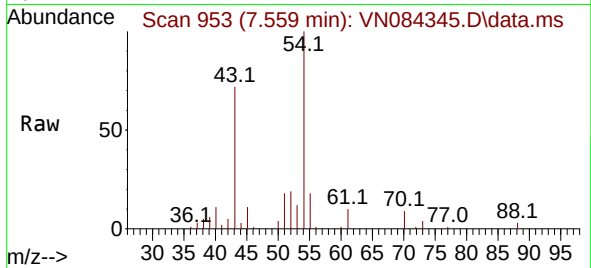




#43
Ethyl Acetate
Concen: 17.445 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

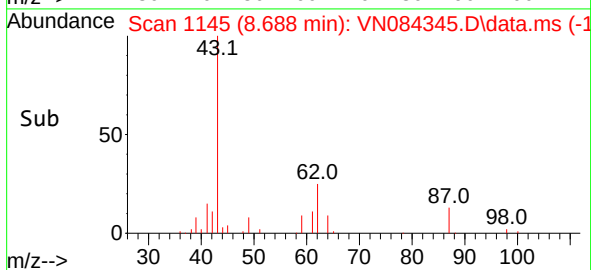
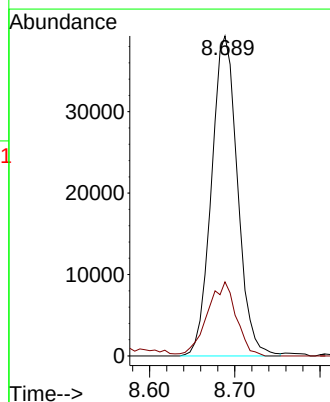
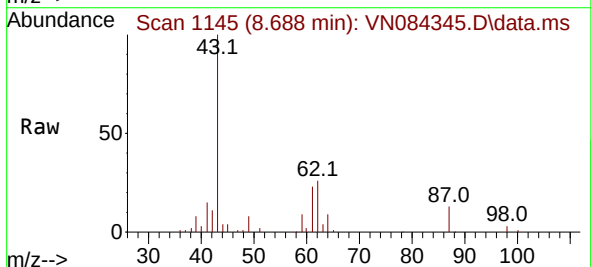
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

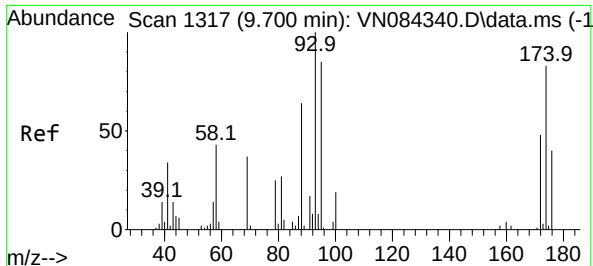
Tgt Ion: 43 Resp: 49685
Ion Ratio Lower Upper
43 100
45 13.3 10.6 16.0



#44
Isopropyl Acetate
Concen: 17.900 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 43 Resp: 83446
Ion Ratio Lower Upper
43 100
61 25.8 21.4 32.2





#45

1,4-Dioxane

Concen: 333.912 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

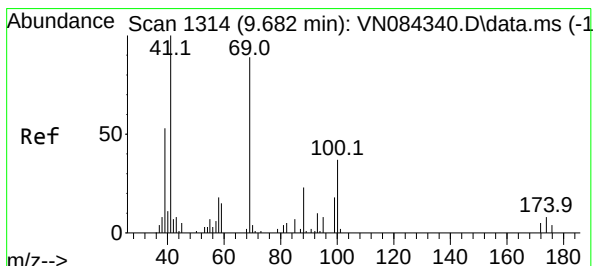
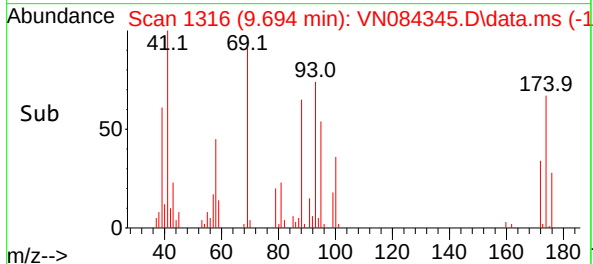
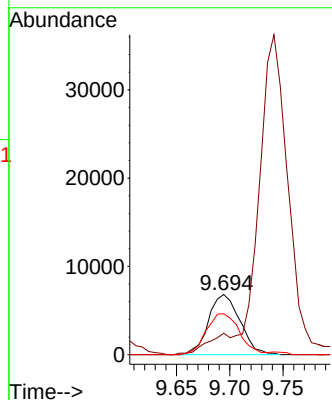
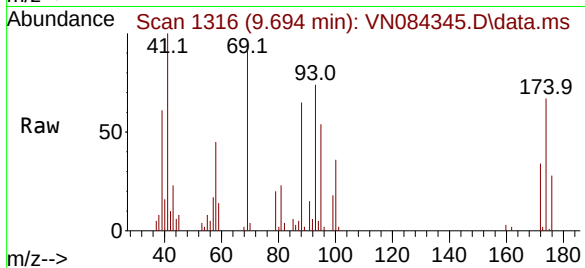
Tgt Ion: 88 Resp: 14032

Ion Ratio Lower Upper

88 100

43 26.8 22.4 33.6

58 71.4 59.7 89.5



#46

Methyl methacrylate

Concen: 17.267 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

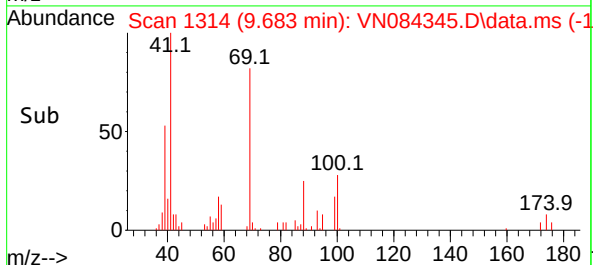
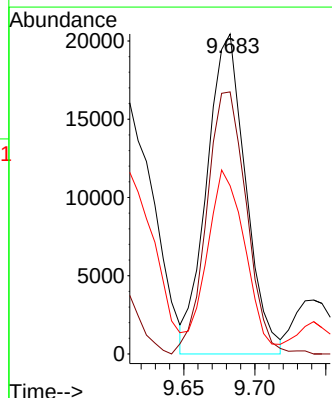
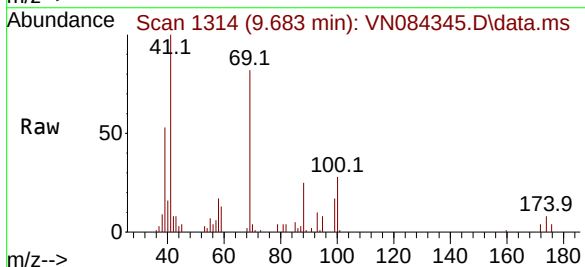
Tgt Ion: 41 Resp: 38891

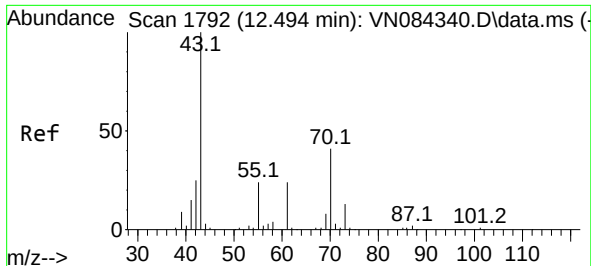
Ion Ratio Lower Upper

41 100

69 83.9 42.6 128.0

39 51.9 27.5 82.4

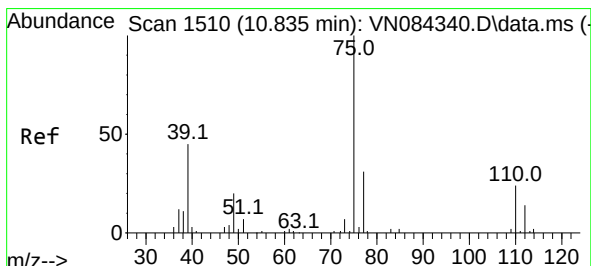
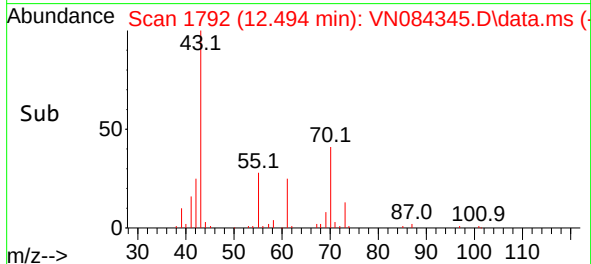
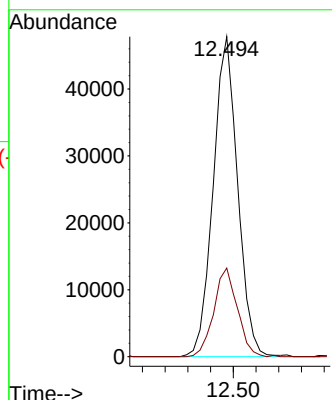
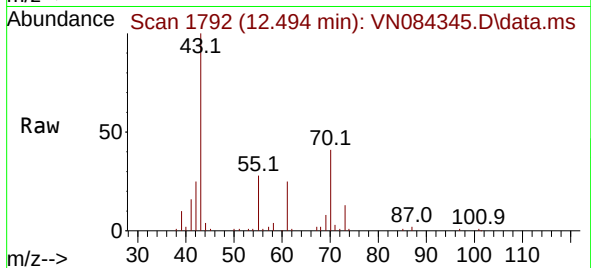




#47
n-amyl acetate
Concen: 17.229 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

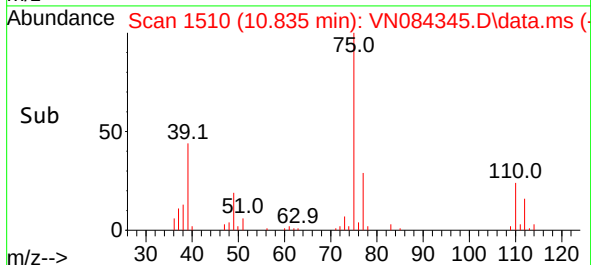
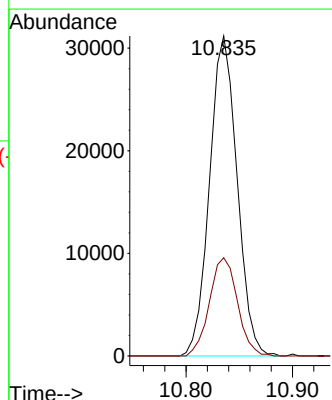
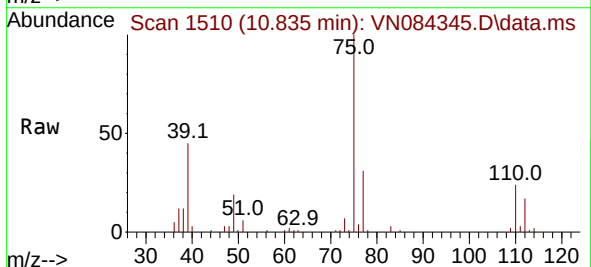
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

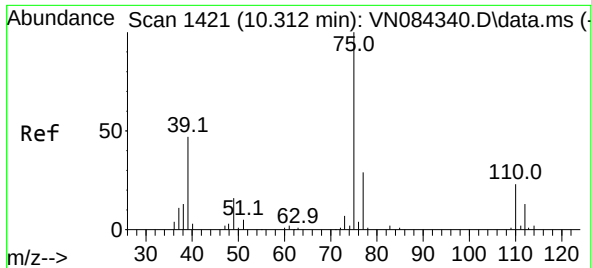
Tgt Ion: 43 Resp: 71441
Ion Ratio Lower Upper
43 100
55 26.6 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 17.639 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 75 Resp: 55994
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

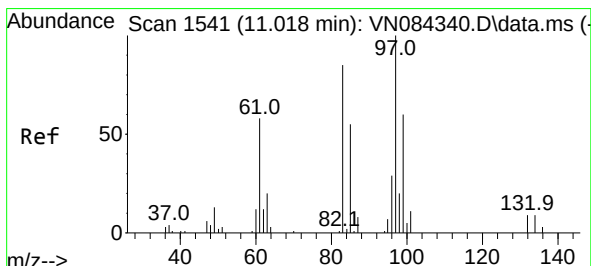
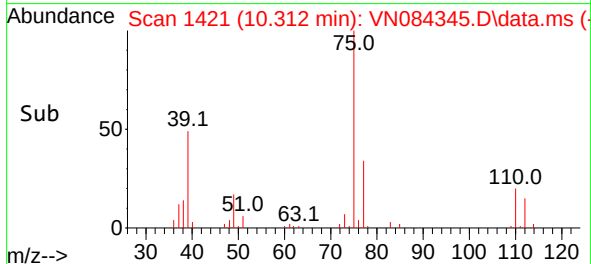
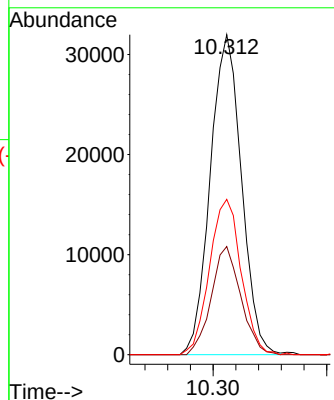
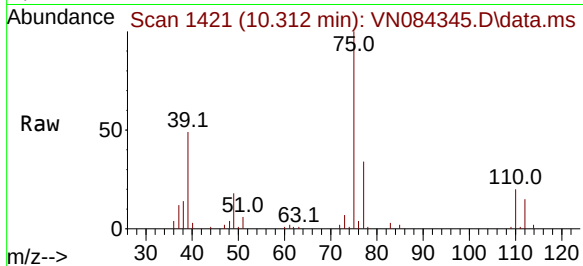




#49
 cis-1,3-Dichloropropene
 Concen: 18.306 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

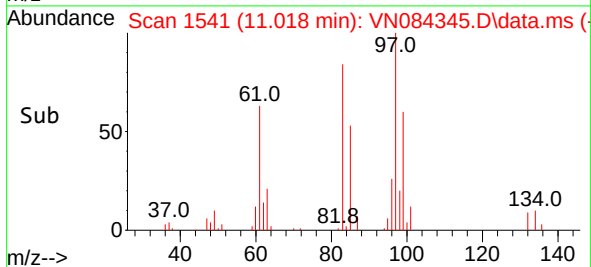
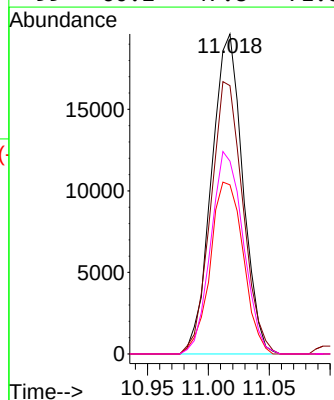
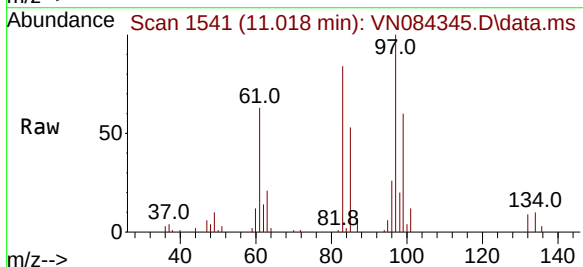
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

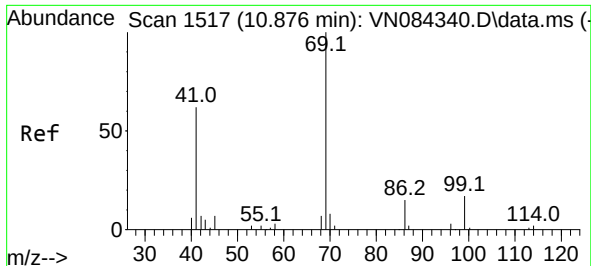
Tgt Ion:	75	Resp:	60903
Ion	Ratio	Lower	Upper
75	100		
77	33.8	22.9	34.3
39	48.5	37.4	56.2



#50
 1,1,2-Trichloroethane
 Concen: 17.994 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion:	97	Resp:	34999
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.8	101.8
85	52.8	44.2	66.2
99	60.2	47.8	71.8

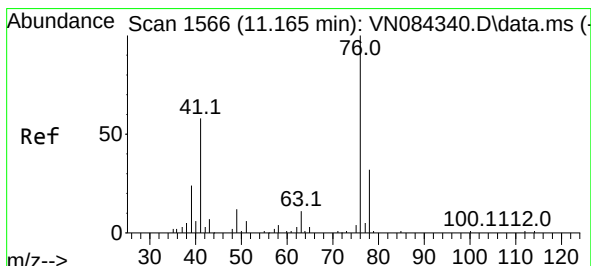
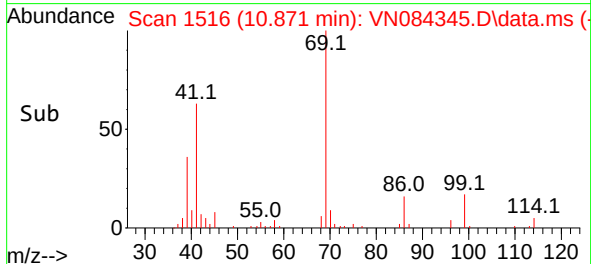
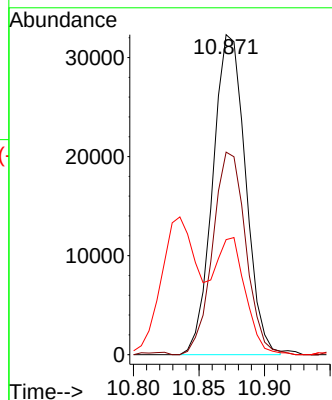
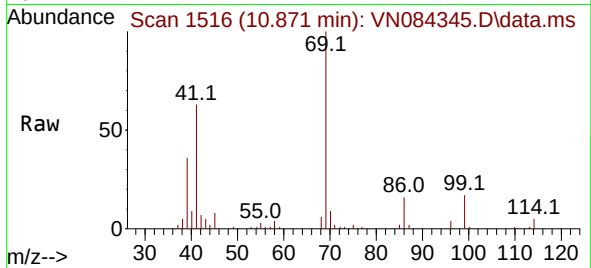




#51
Ethyl methacrylate
Concen: 17.465 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

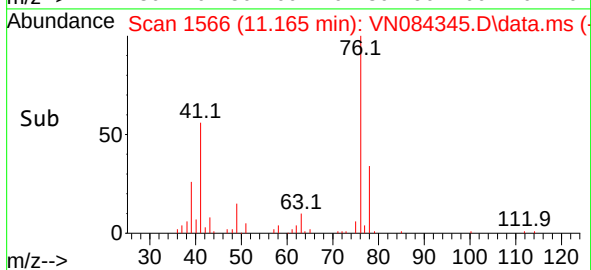
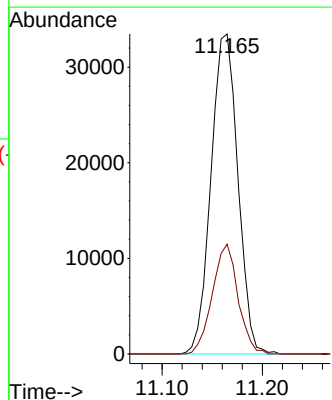
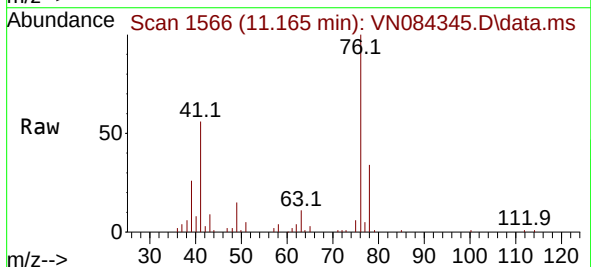
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

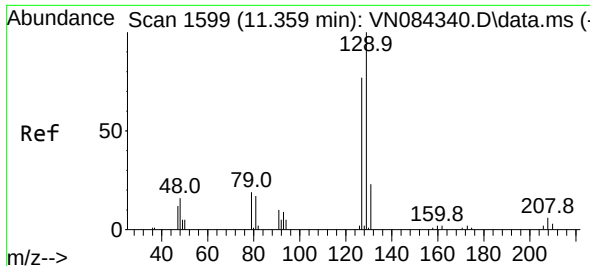
Tgt Ion: 69 Resp: 56110
Ion Ratio Lower Upper
69 100
41 63.3 30.9 92.7
39 35.3 16.6 49.7



#52
1,3-Dichloropropane
Concen: 18.358 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 76 Resp: 62433
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.2

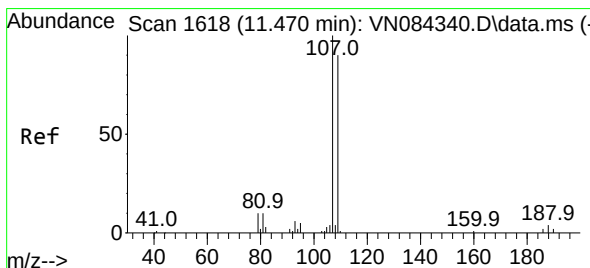
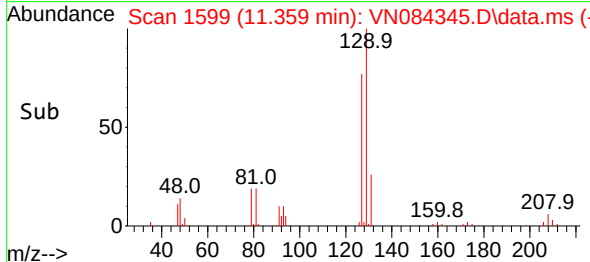
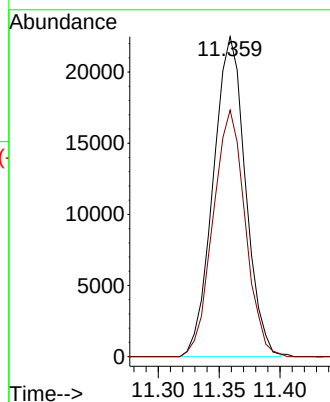
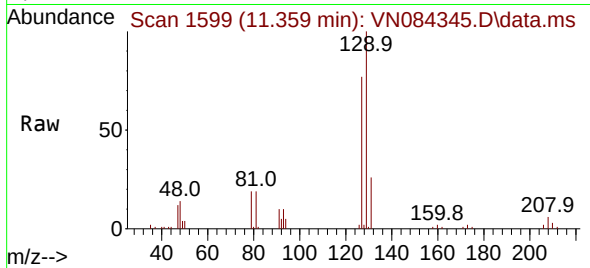




#53
Dibromochloromethane
Concen: 18.063 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

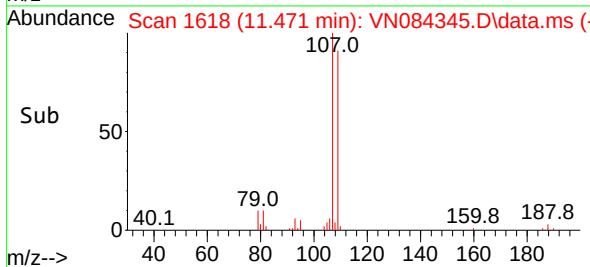
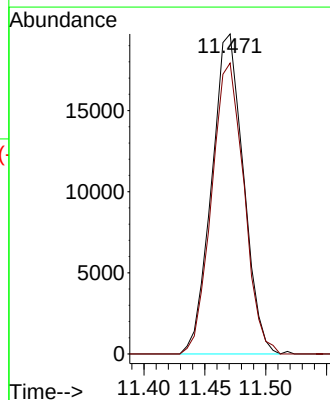
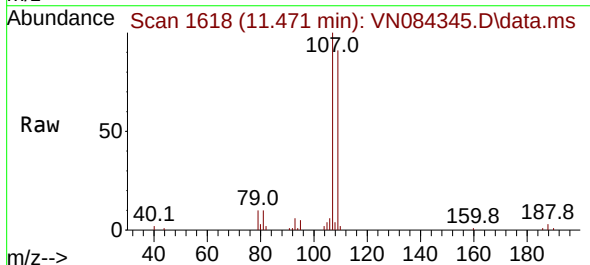
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

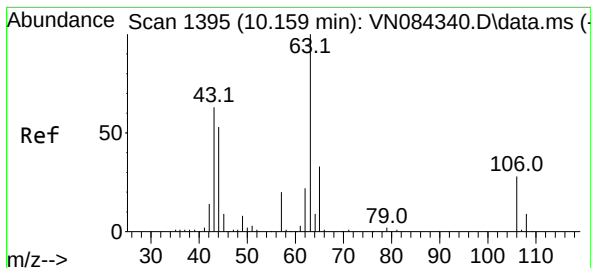
Tgt Ion:129 Resp: 41504
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5



#54
1,2-Dibromoethane
Concen: 17.940 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:107 Resp: 35918
Ion Ratio Lower Upper
107 100
109 92.1 73.8 110.6

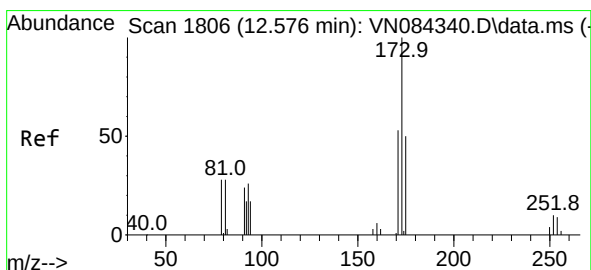
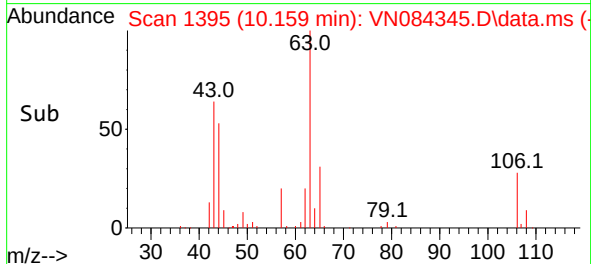
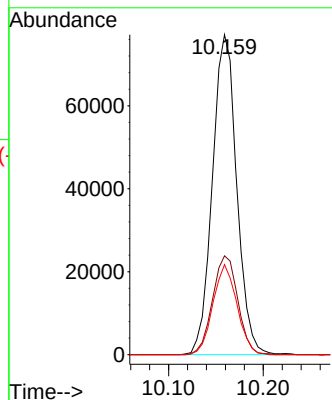
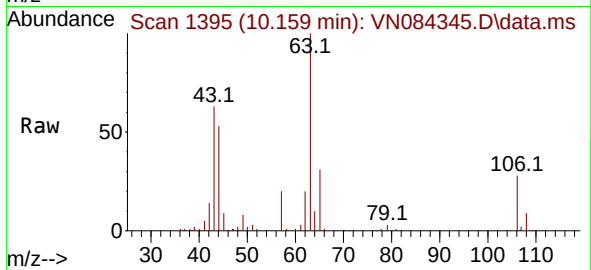




#55
2-Chloroethyl vinyl ether
Concen: 94.427 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

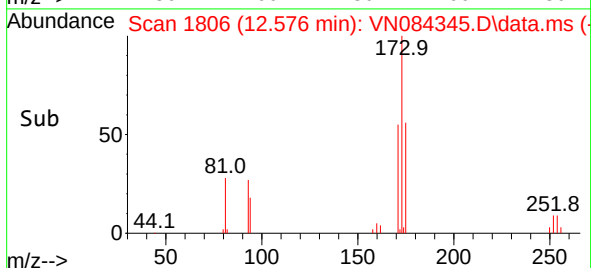
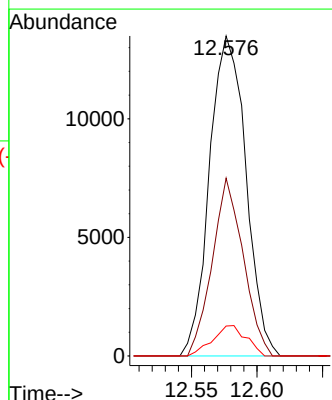
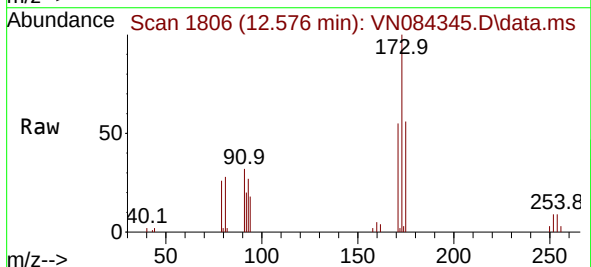
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

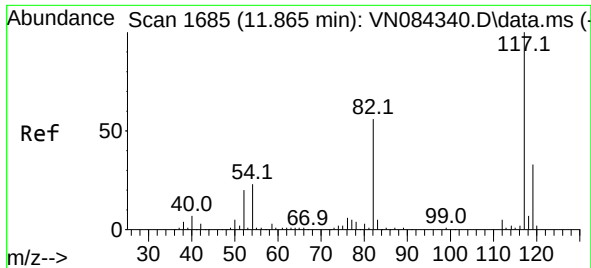
Tgt Ion: 63 Resp: 137593
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 27.9 21.6 32.4



#56
Bromoform
Concen: 17.082 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 173 Resp: 26031
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 8.8 6.8 10.2

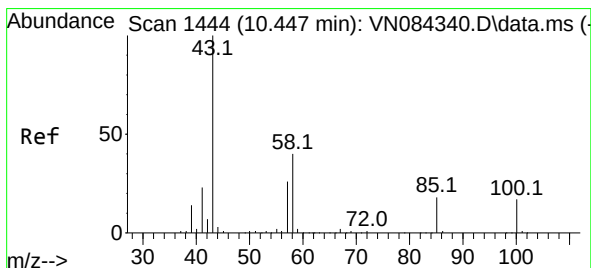
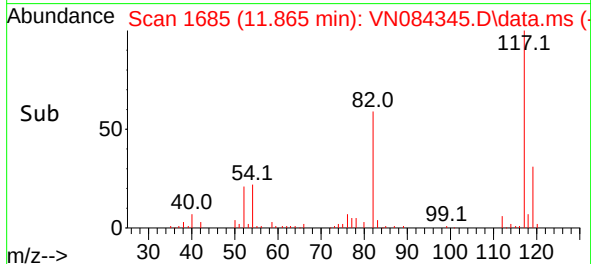
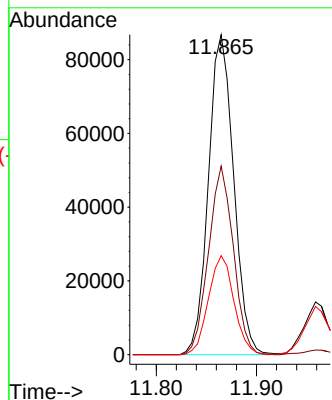
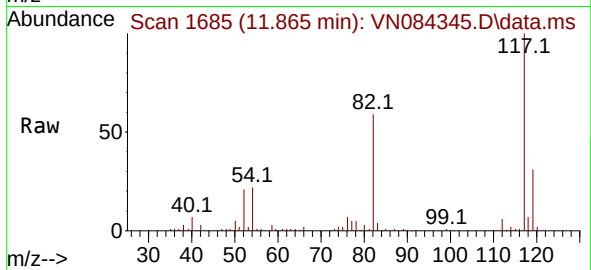




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

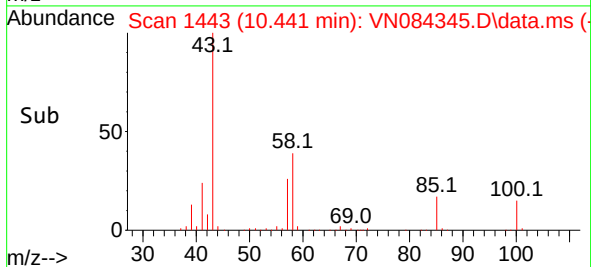
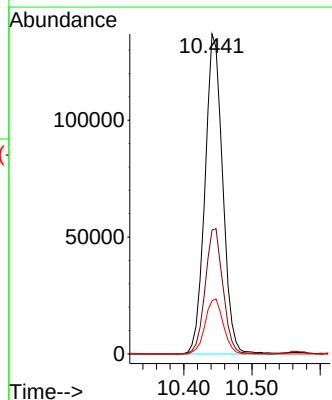
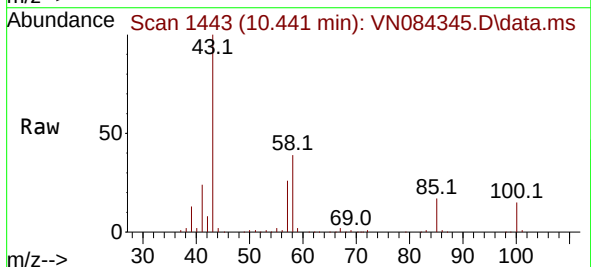
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

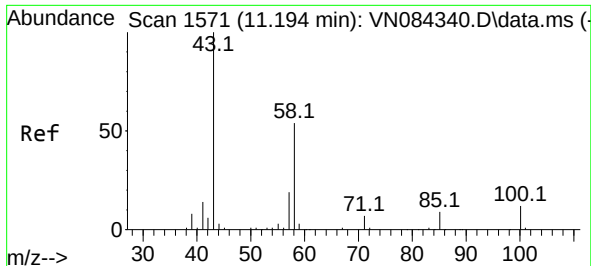
Tgt Ion:117 Resp: 152182
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 87.207 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 43 Resp: 247223
Ion Ratio Lower Upper
43 100
58 39.3 31.9 47.9
85 17.6 14.6 22.0

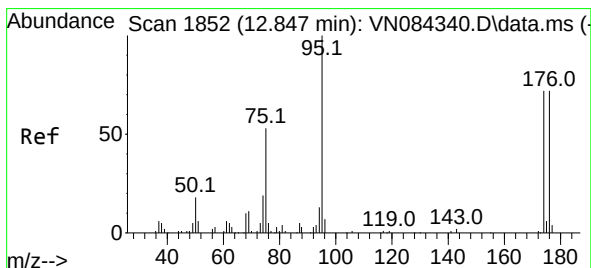
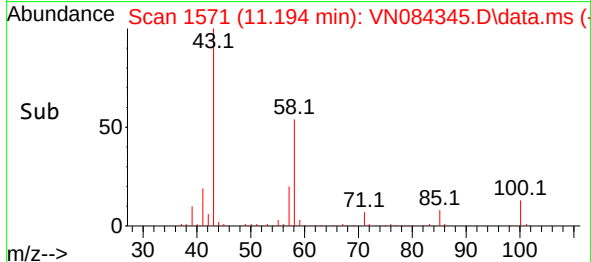
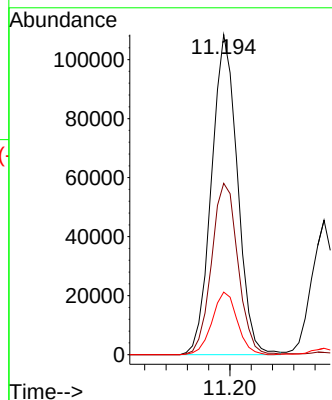
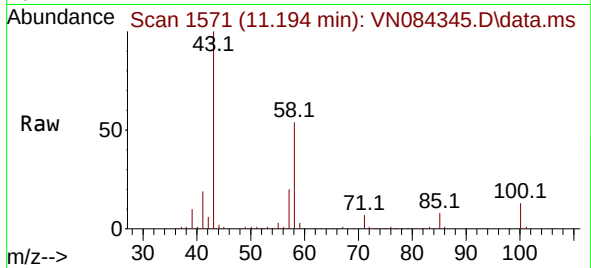




#59
2-Hexanone
Concen: 86.985 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

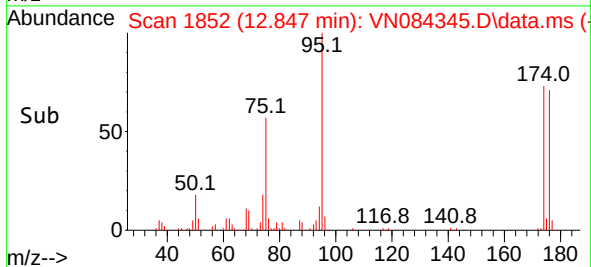
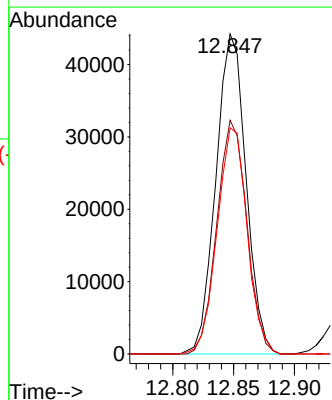
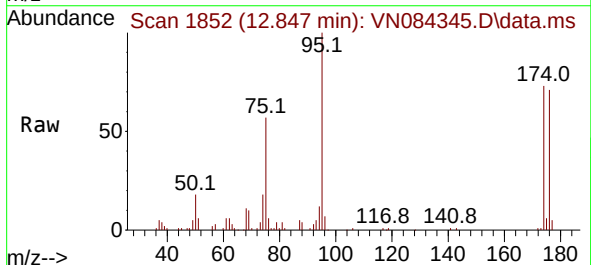
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

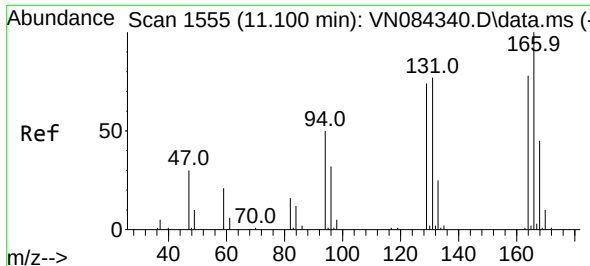
Tgt Ion: 43 Resp: 183240
Ion Ratio Lower Upper
43 100
58 54.5 44.0 66.0
57 19.0 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 95 Resp: 76223
Ion Ratio Lower Upper
95 100
174 72.4 58.2 87.2
176 70.3 56.4 84.6

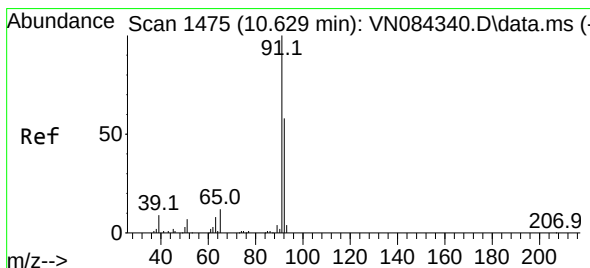
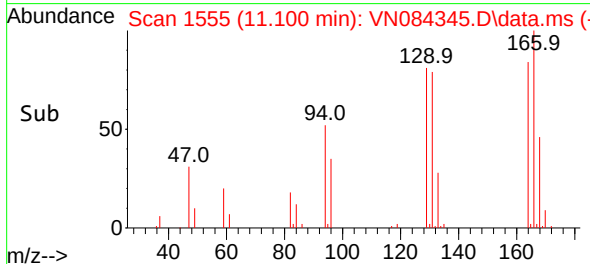
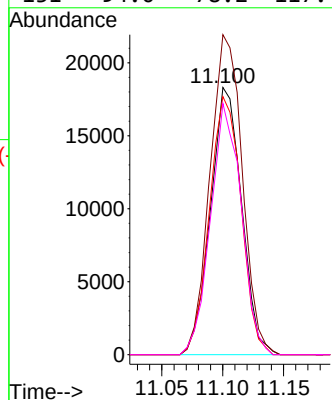
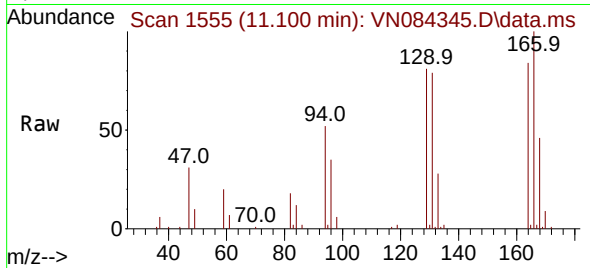




#61
Tetrachloroethene
Concen: 18.916 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

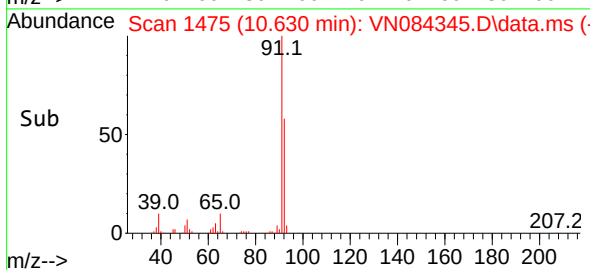
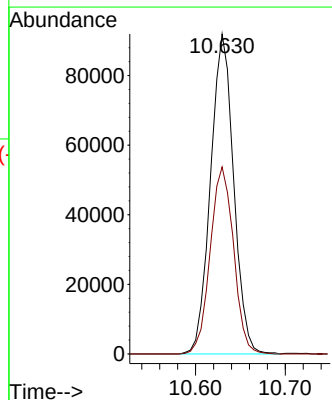
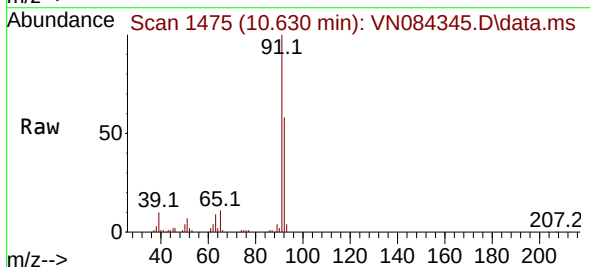
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

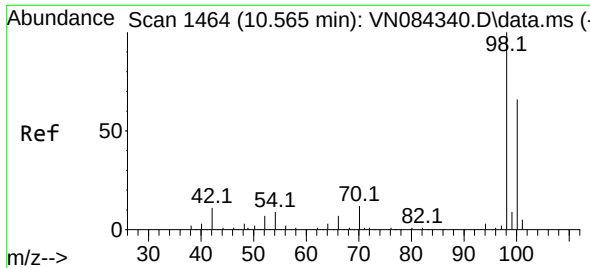
Tgt Ion:164 Resp: 32562
Ion Ratio Lower Upper
164 100
166 119.7 102.5 153.7
129 96.5 75.7 113.5
131 94.0 78.2 117.4



#62
Toluene
Concen: 18.460 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 164465
Ion Ratio Lower Upper
91 100
92 59.0 47.2 70.8

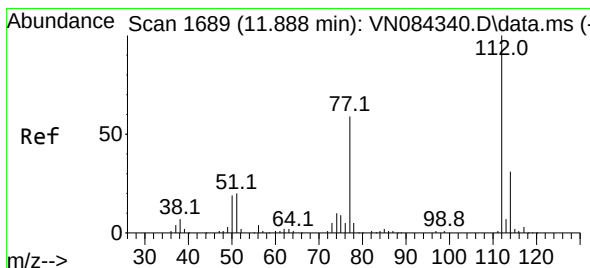
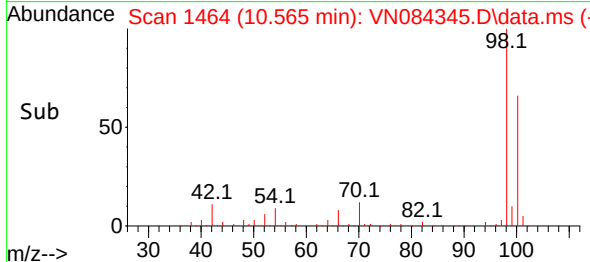
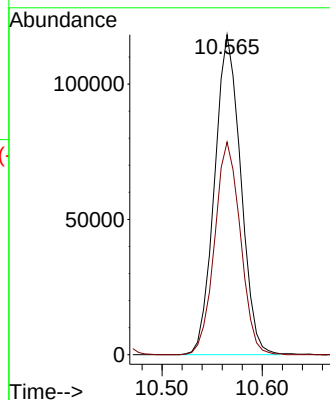
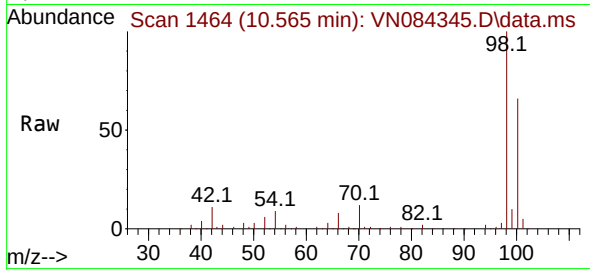




#63
Toluene-d8
Concen: 30.428 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

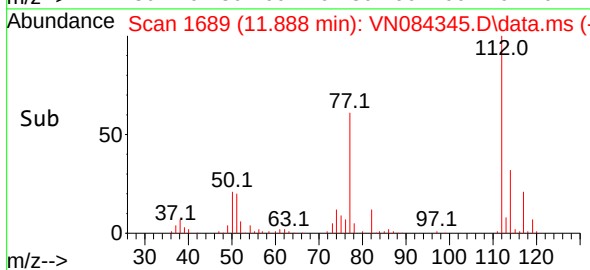
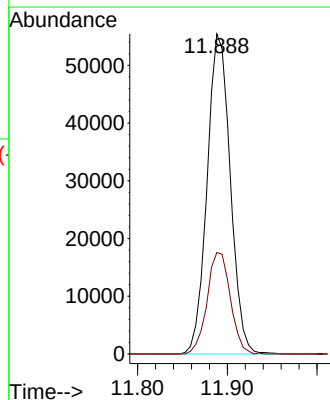
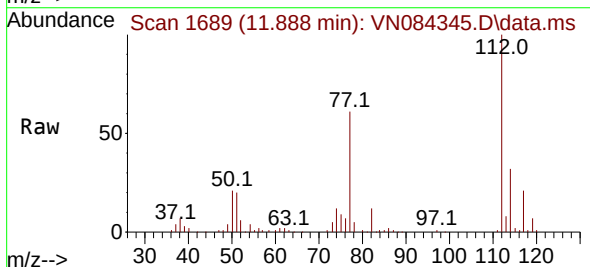
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

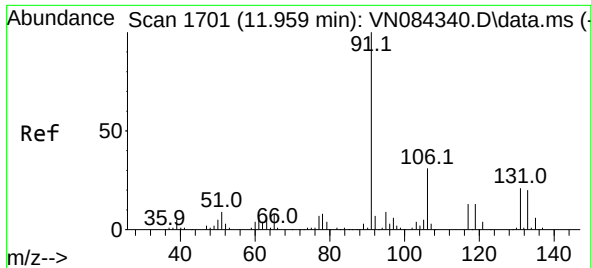
Tgt Ion: 98 Resp: 214517
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#64
Chlorobenzene
Concen: 17.931 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 112 Resp: 99407
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

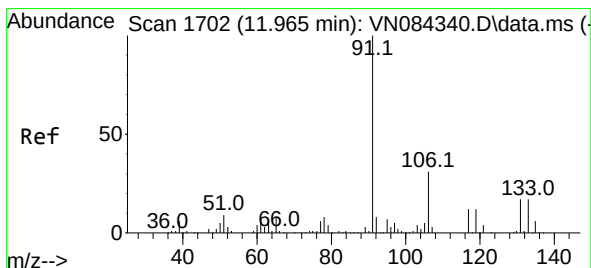
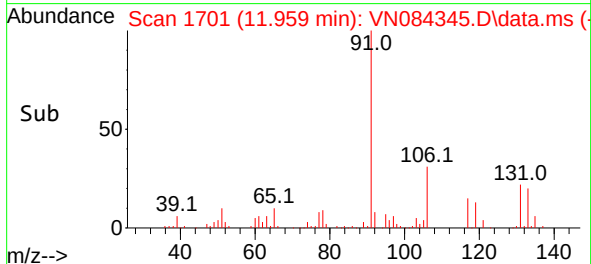
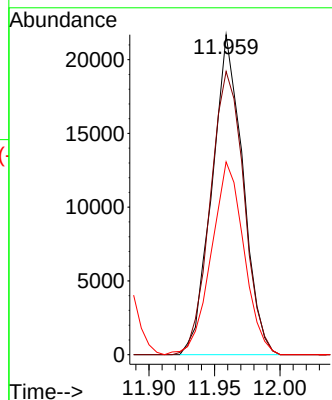
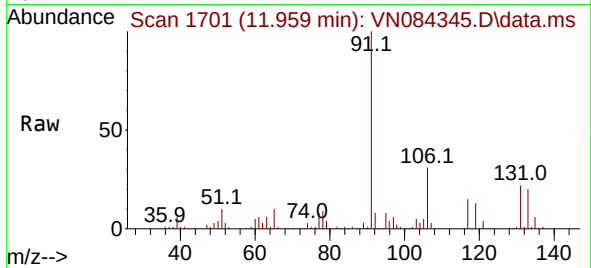




#65
1,1,1,2-Tetrachloroethane
Concen: 18.466 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

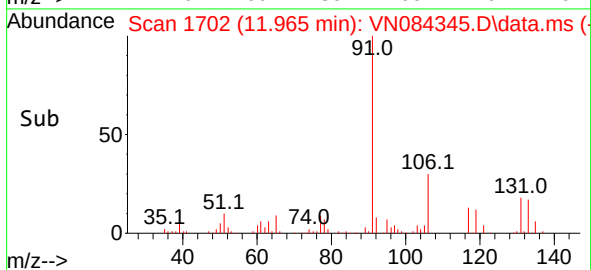
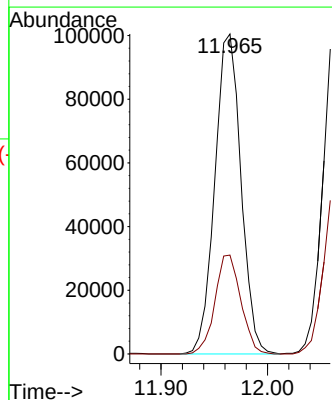
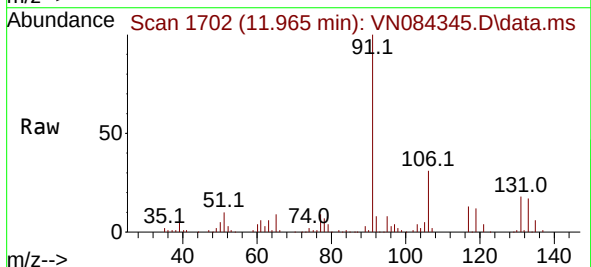
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

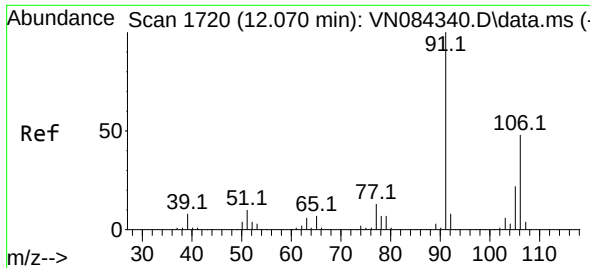
Tgt Ion:131 Resp: 35566
Ion Ratio Lower Upper
131 100
133 96.3 0.0 190.4
119 63.3 0.0 130.0



#66
Ethyl Benzene
Concen: 17.705 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 171373
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

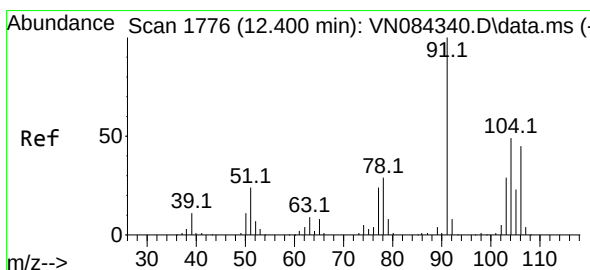
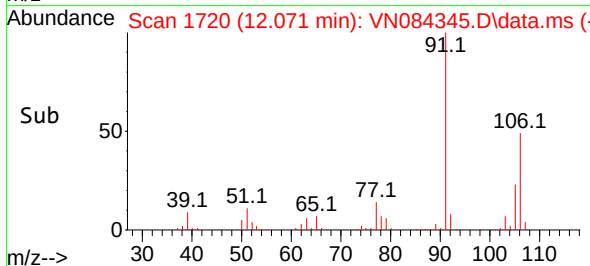
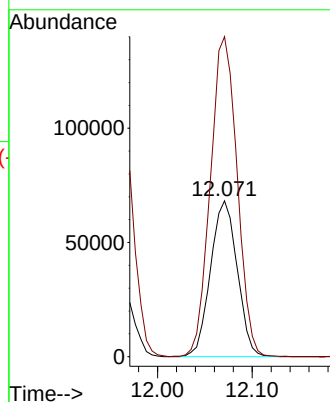
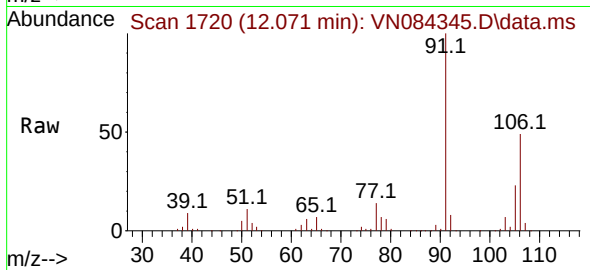




#67
m/p-Xylenes
Concen: 36.364 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

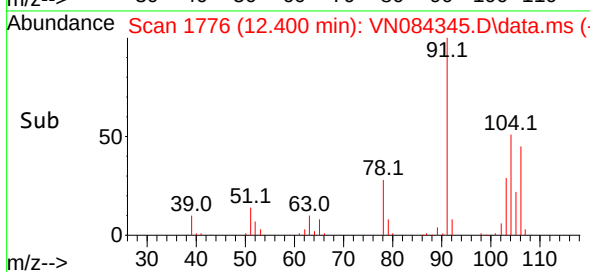
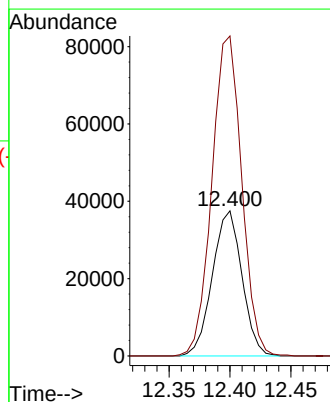
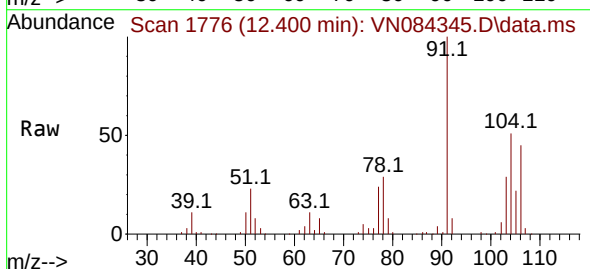
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

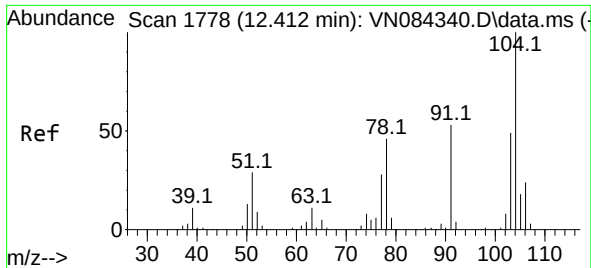
Tgt Ion:106 Resp: 133521
Ion Ratio Lower Upper
106 100
91 206.4 166.7 250.1



#68
o-Xylene
Concen: 17.939 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:106 Resp: 63492
Ion Ratio Lower Upper
106 100
91 222.0 110.9 332.9

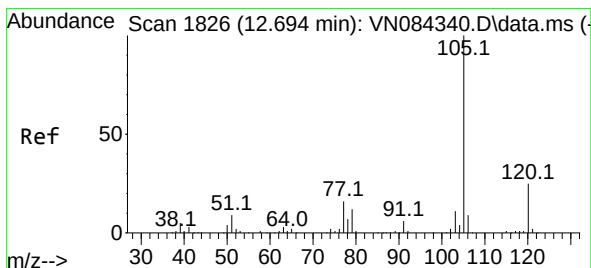
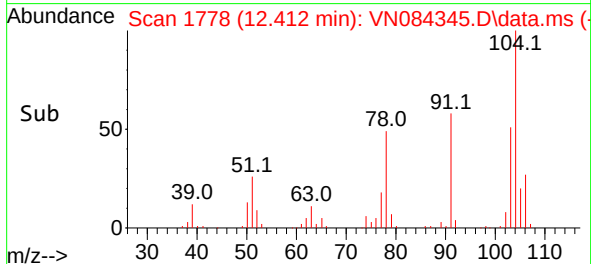
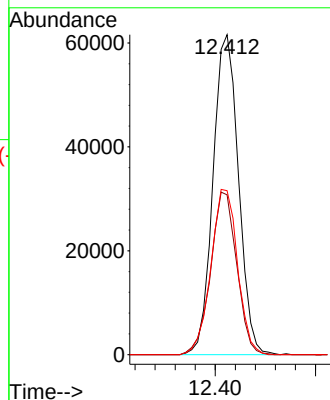
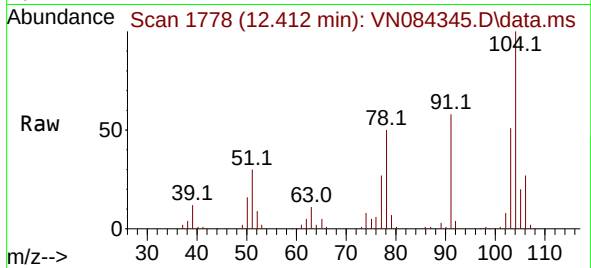




#69
Styrene
Concen: 17.839 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

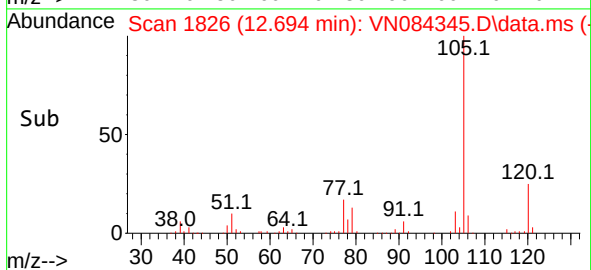
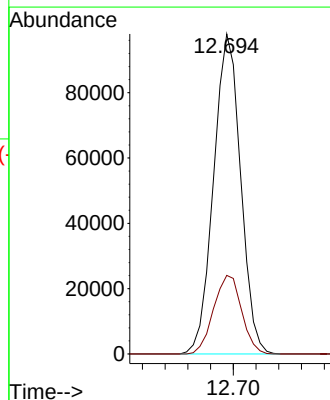
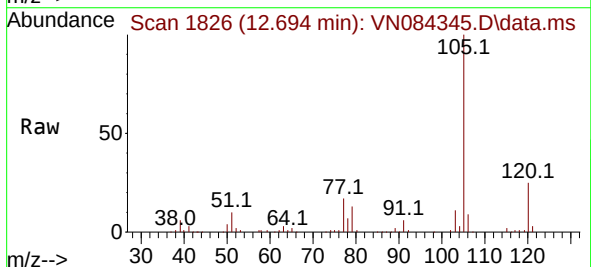
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

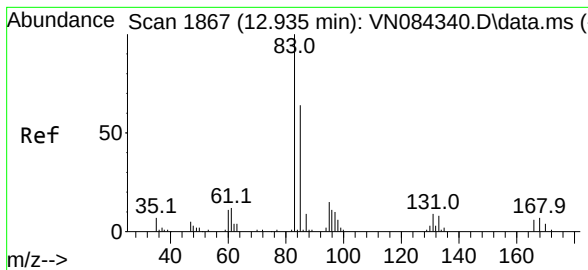
Tgt Ion:104 Resp: 108383
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 54.1 44.4 66.6



#70
Isopropylbenzene
Concen: 17.904 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:105 Resp: 161771
Ion Ratio Lower Upper
105 100
120 25.4 17.4 32.4

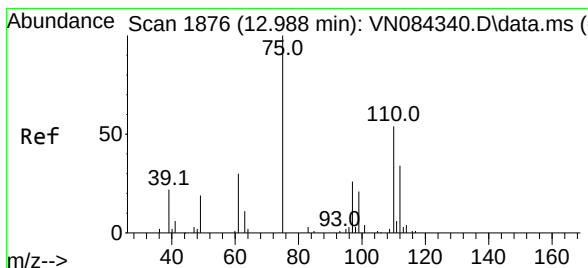
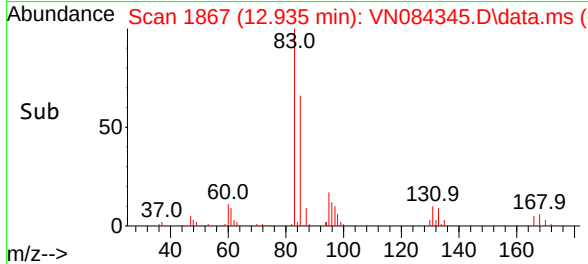
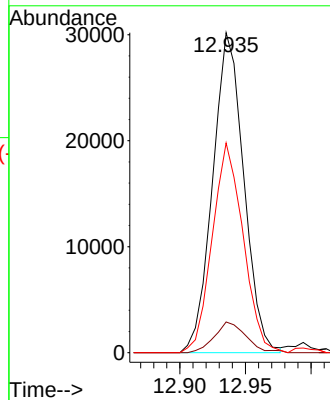
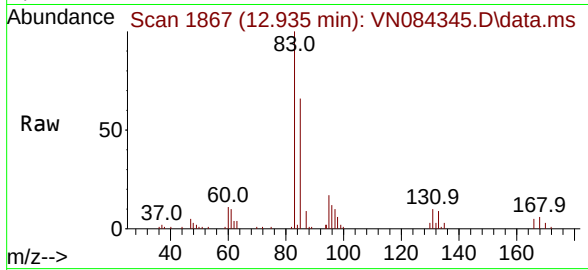




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.818 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

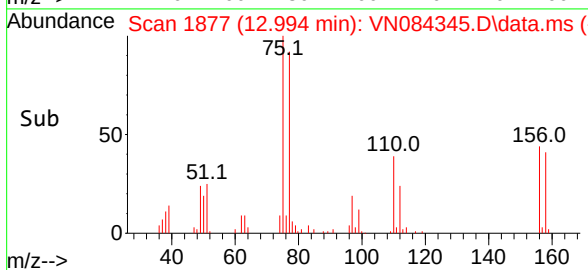
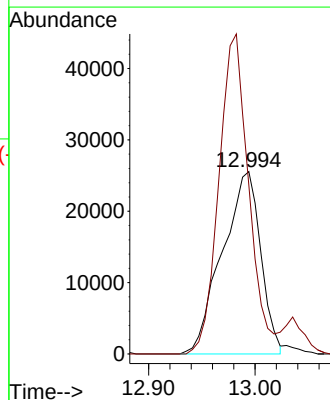
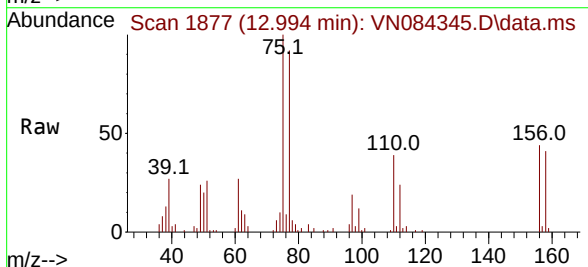
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

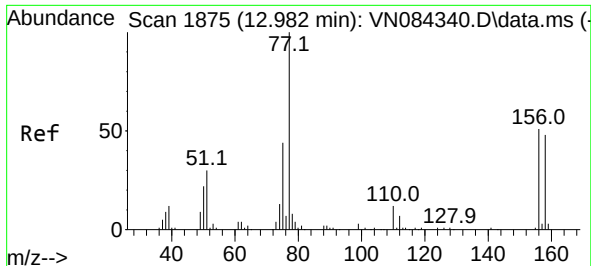
Tgt Ion: 83 Resp: 49802
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.3
 85 64.9 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 26.671 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion: 75 Resp: 63845
 Ion Ratio Lower Upper
 75 100
 77 135.8 0.0 414.0

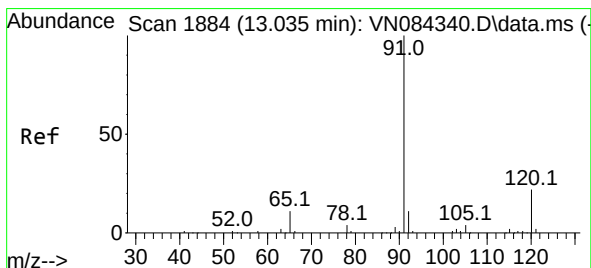
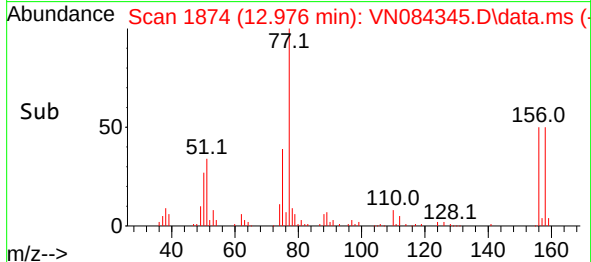
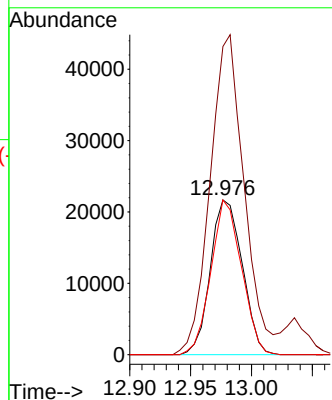
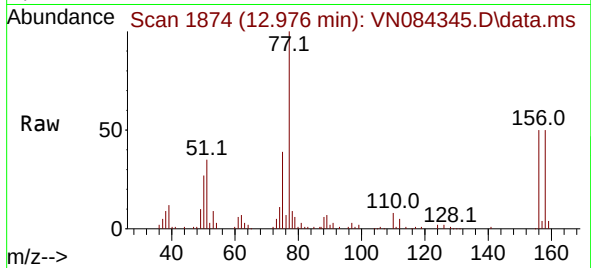




#73
Bromobenzene
Concen: 18.069 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

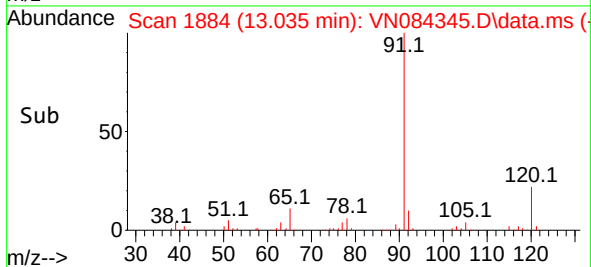
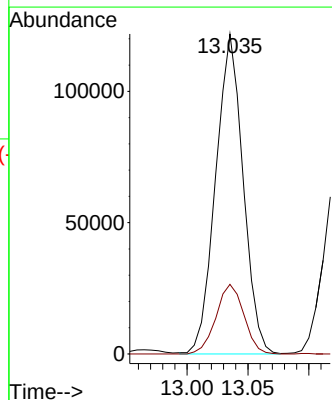
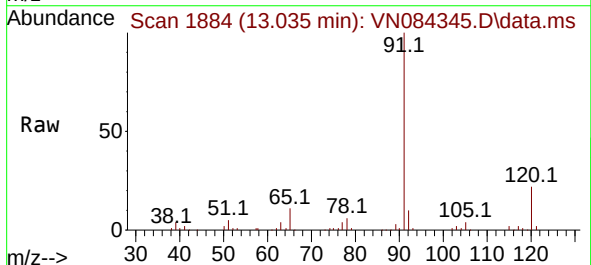
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

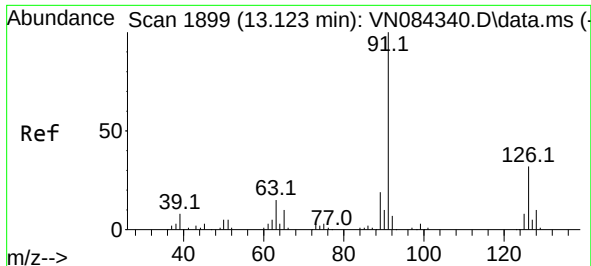
Tgt Ion:156 Resp: 39538
Ion Ratio Lower Upper
156 100
77 219.4 0.0 451.0
158 95.8 0.0 194.6



#74
n-propylbenzene
Concen: 17.738 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 190983
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.2

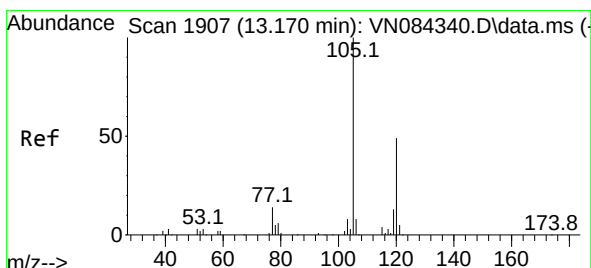
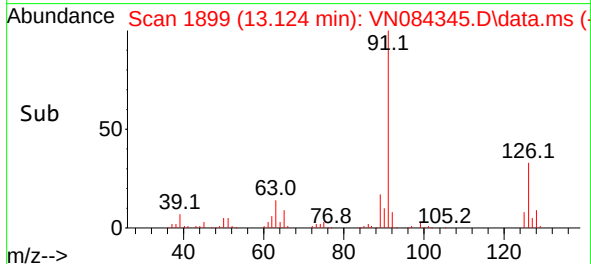
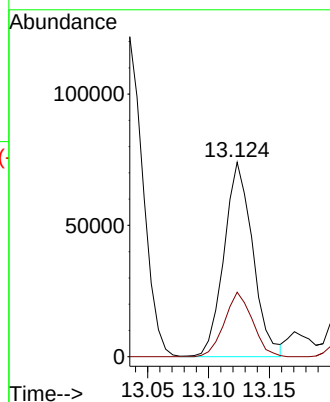
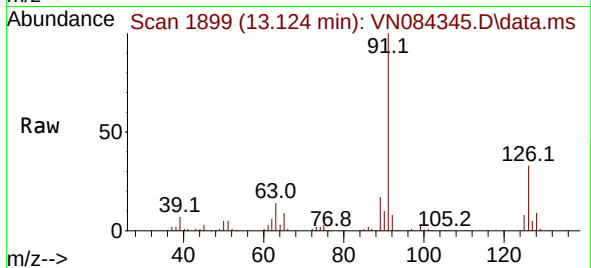




#75
2-Chlorotoluene
Concen: 18.231 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

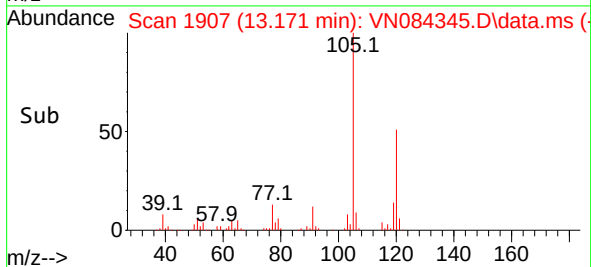
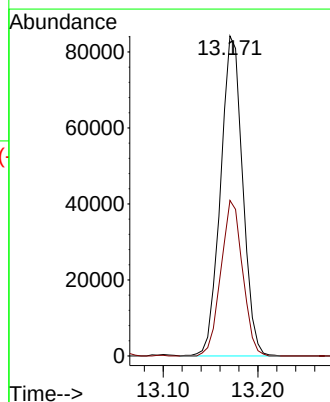
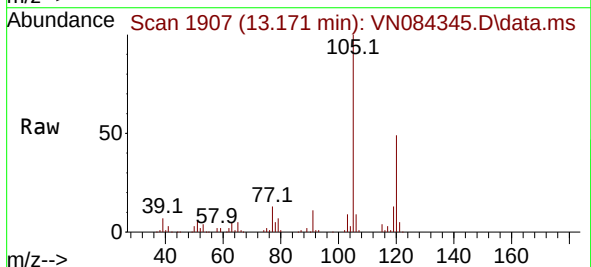
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

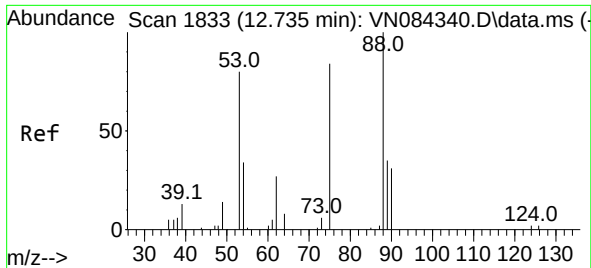
Tgt Ion: 91 Resp: 121976
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 17.979 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 105 Resp: 136775
Ion Ratio Lower Upper
105 100
120 47.6 0.0 94.4

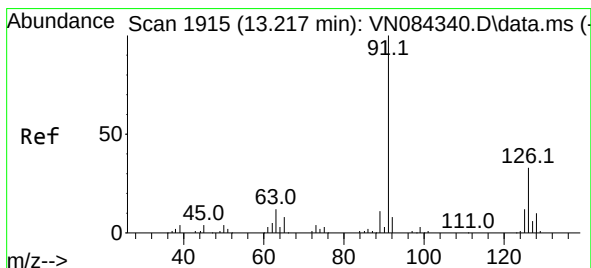
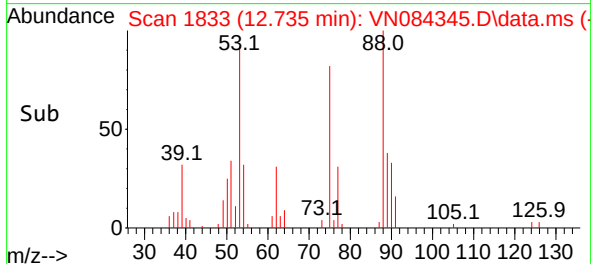
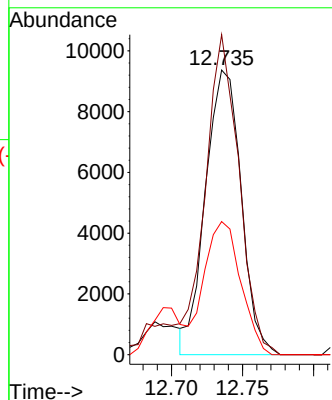
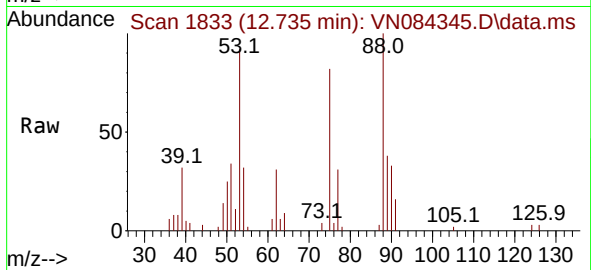




#77
t-1,4-Dichloro-2-butene
Concen: 15.997 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

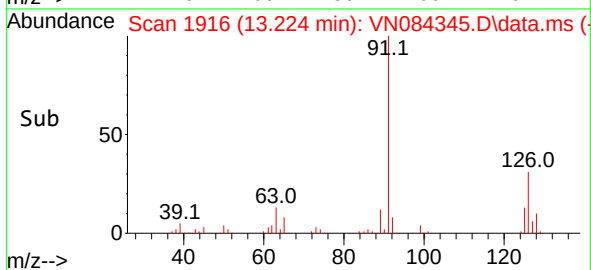
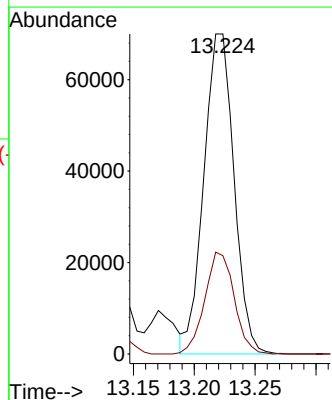
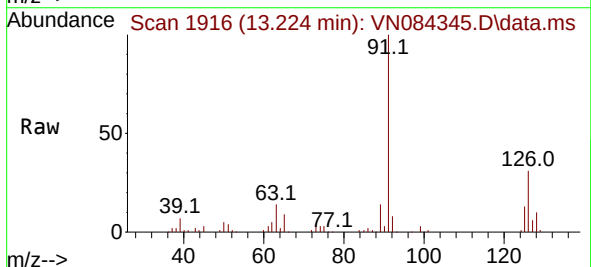
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

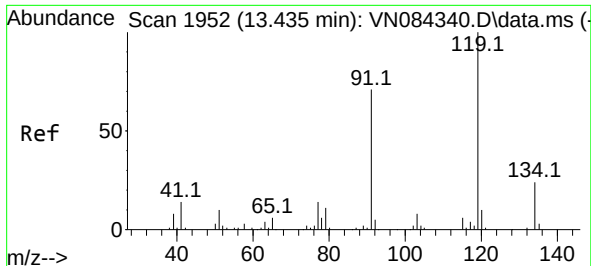
Tgt Ion: 75 Resp: 16364
Ion Ratio Lower Upper
75 100
53 112.4 47.3 142.0
89 46.8 22.9 68.8



#78
4-Chlorotoluene
Concen: 17.746 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 120716
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.4

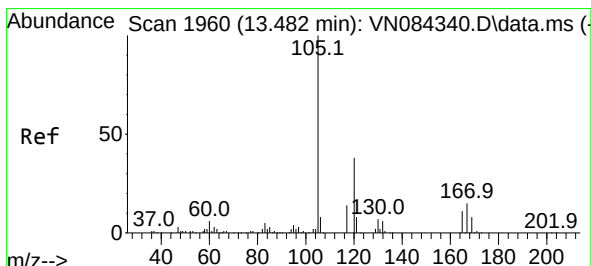
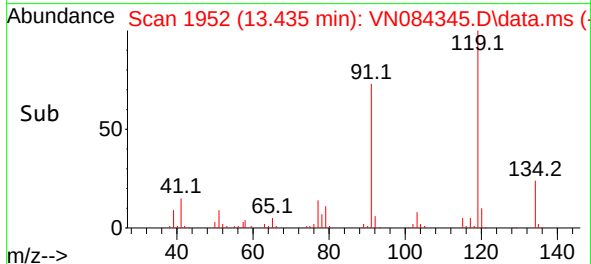
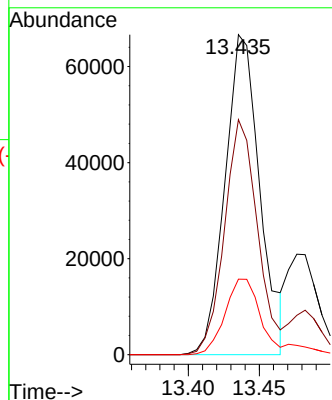
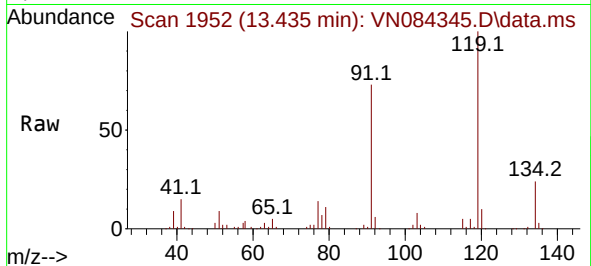




#79
tert-butylbenzene
Concen: 17.546 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

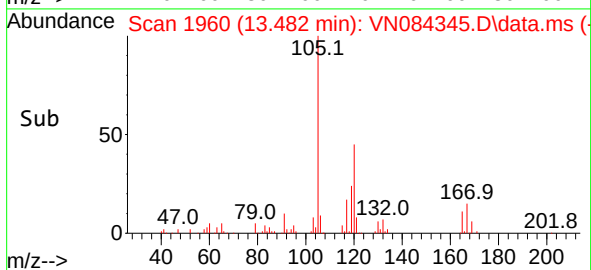
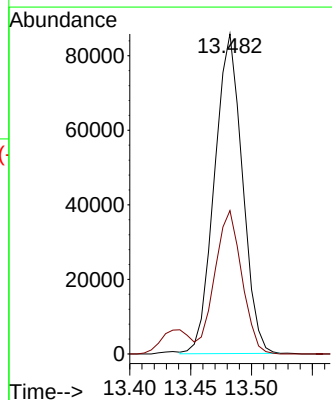
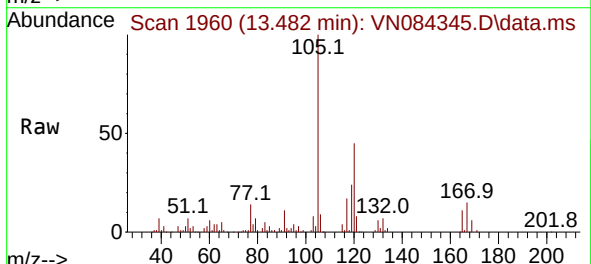
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

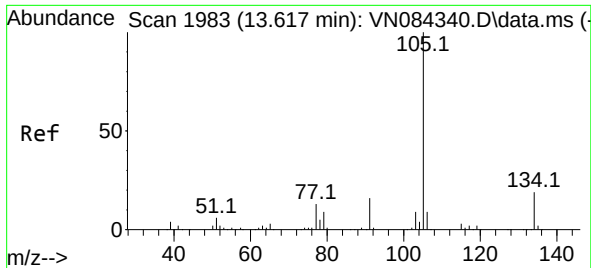
Tgt Ion:119 Resp: 113881
Ion Ratio Lower Upper
119 100
91 69.8 0.0 138.0
134 23.5 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 17.670 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:105 Resp: 136396
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.8

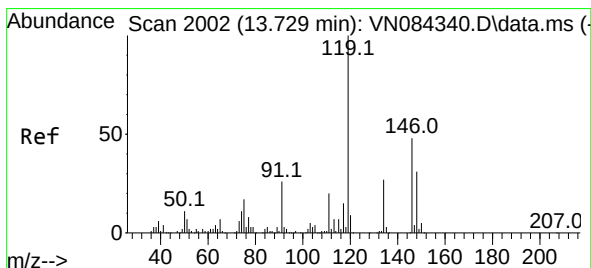
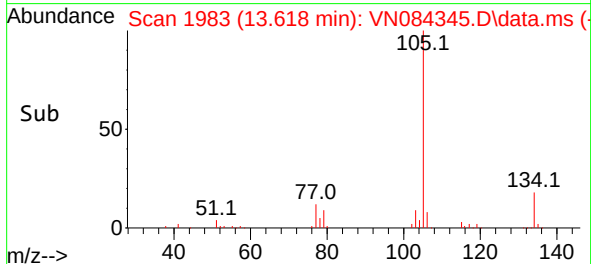
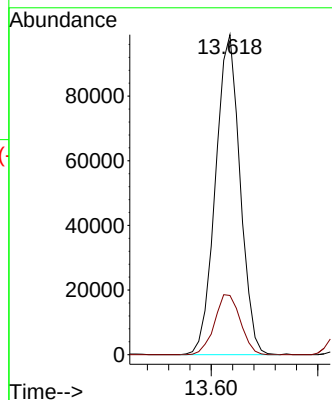
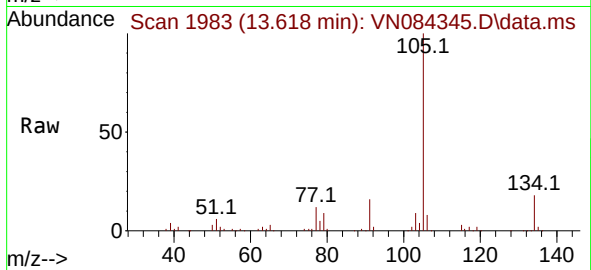




#81
 sec-Butylbenzene
 Concen: 17.724 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

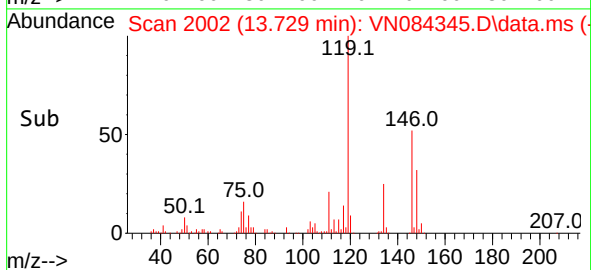
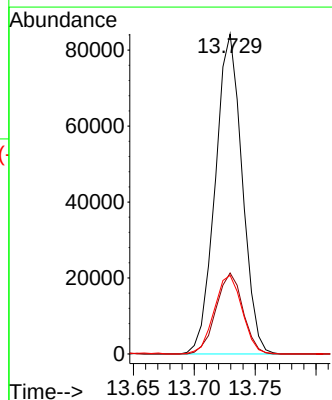
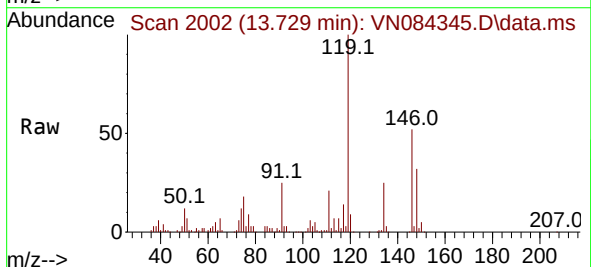
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

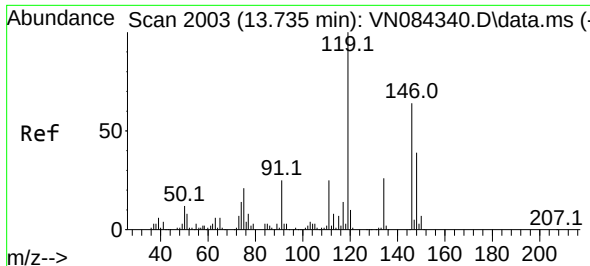
Tgt Ion:105 Resp: 158374
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 17.236 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion:119 Resp: 129631
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.2
 91 25.6 0.0 50.6

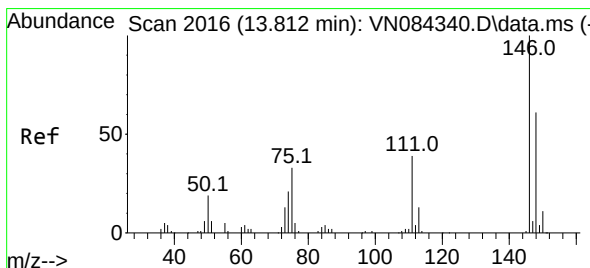
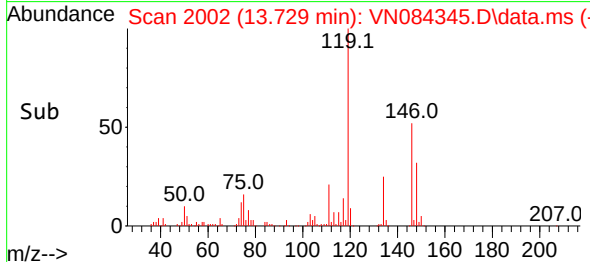
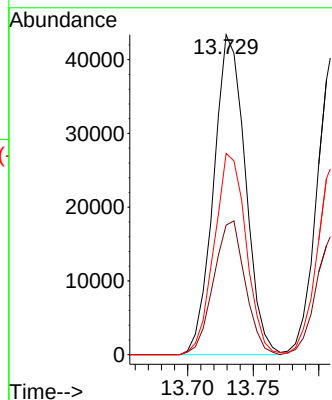
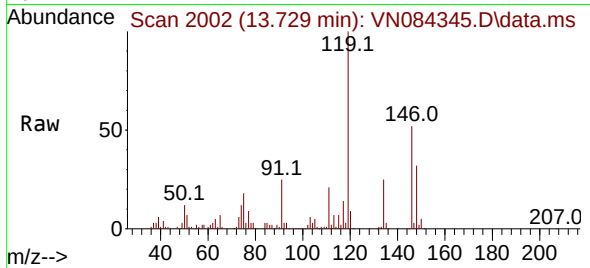




#83
 1,3-Dichlorobenzene
 Concen: 17.939 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

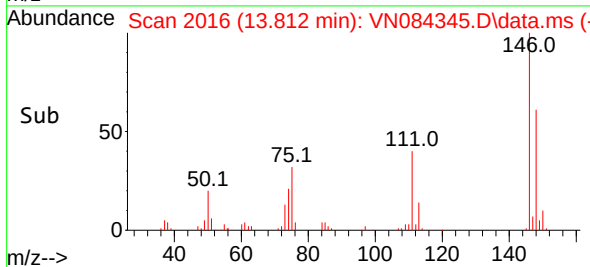
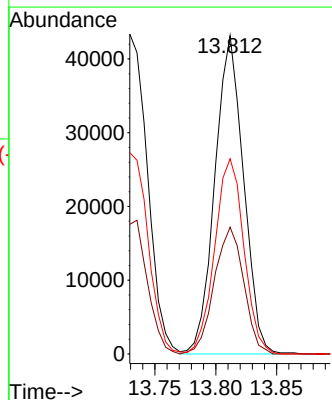
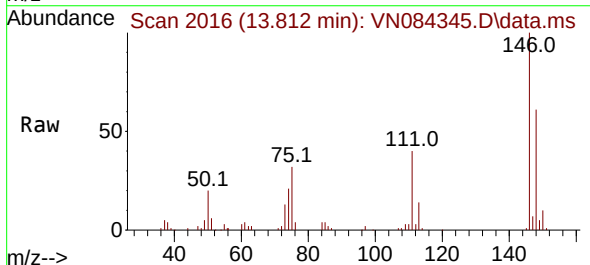
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

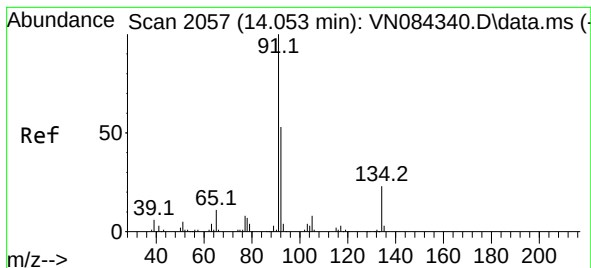
Tgt Ion:146 Resp: 72989
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 63.5 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 17.477 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion:146 Resp: 70611
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 62.5 32.5 97.4





#85

n-Butylbenzene

Concen: 16.977 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

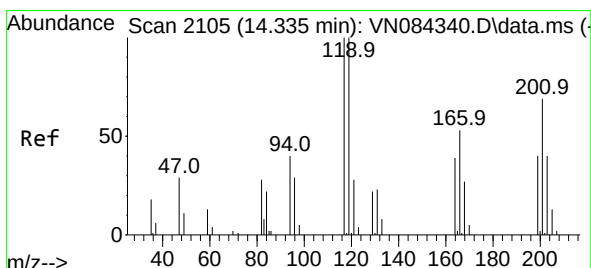
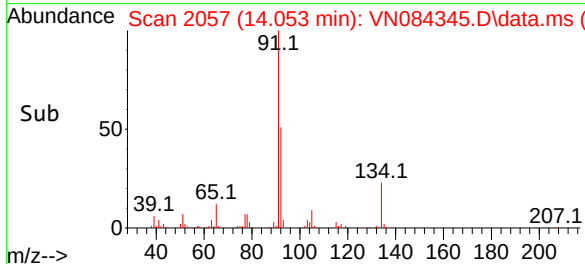
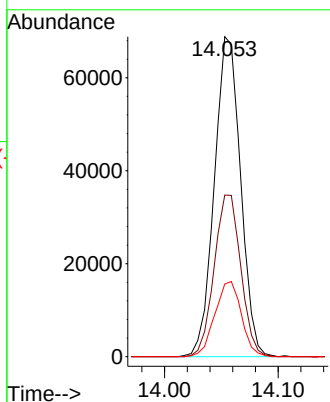
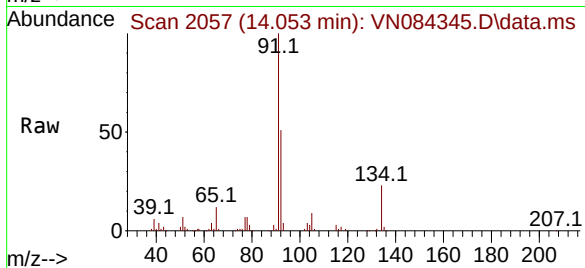
Tgt Ion: 91 Resp: 110590

Ion Ratio Lower Upper

91 100

92 51.2 0.0 103.4

134 23.7 0.0 48.0



#86

Hexachloroethane

Concen: 17.228 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN084345.D

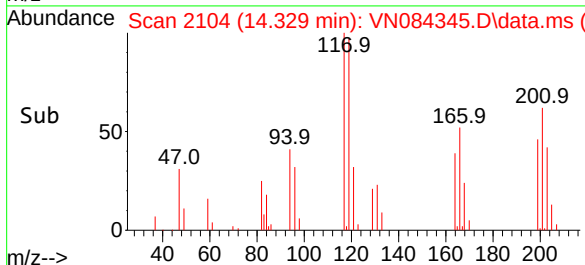
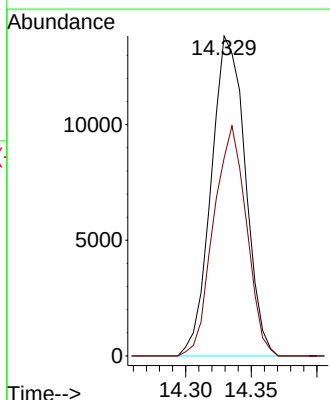
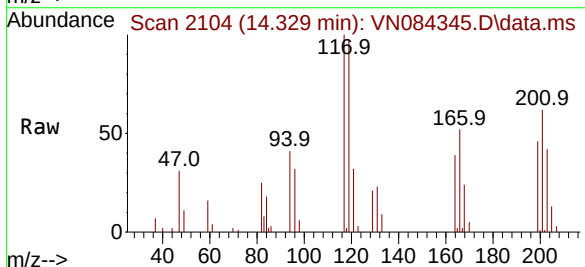
Acq: 08 Oct 2024 13:21

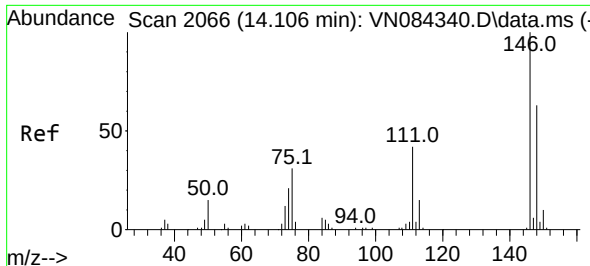
Tgt Ion: 117 Resp: 24963

Ion Ratio Lower Upper

117 100

201 69.5 33.9 101.6

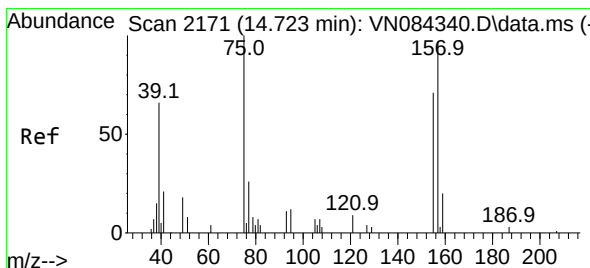
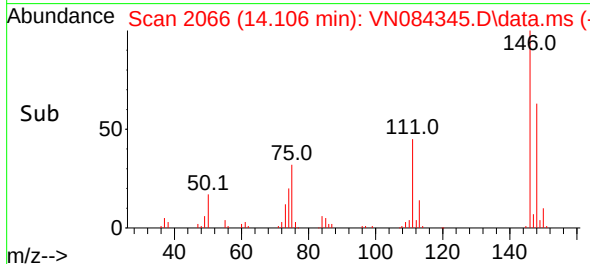
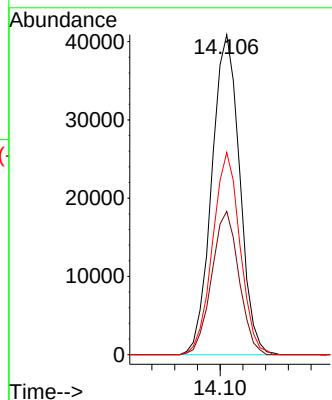
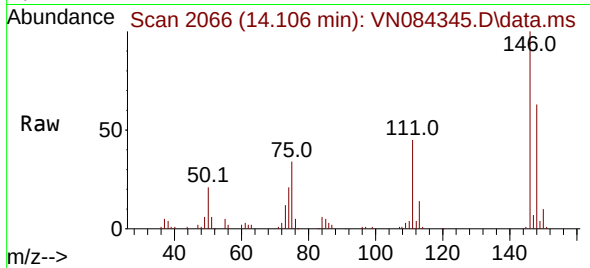




#87
1,2-Dichlorobenzene
Concen: 17.724 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

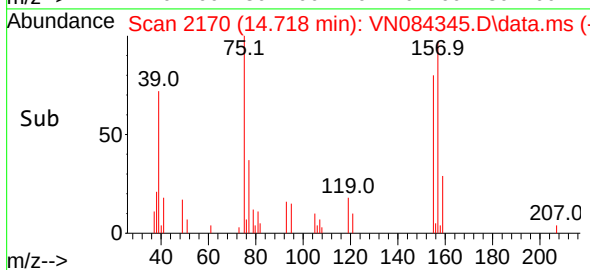
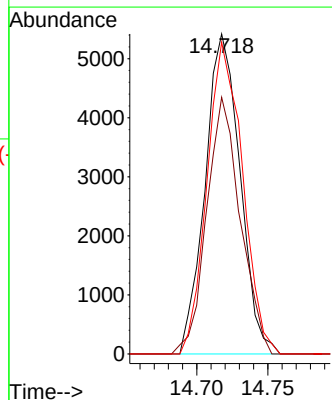
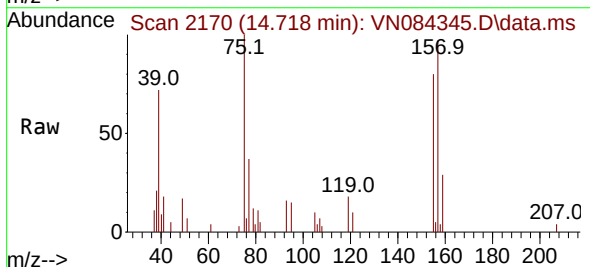
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

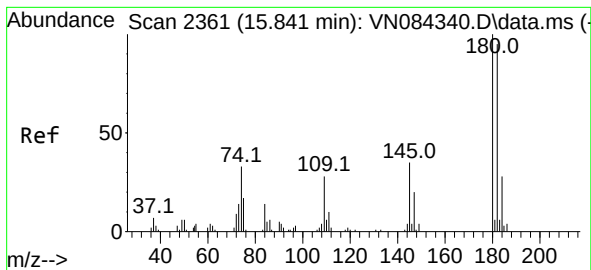
Tgt Ion:146 Resp: 69725
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 62.2 31.1 93.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.176 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 75 Resp: 9246
Ion Ratio Lower Upper
75 100
155 77.3 61.8 92.8
157 99.0 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 16.846 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

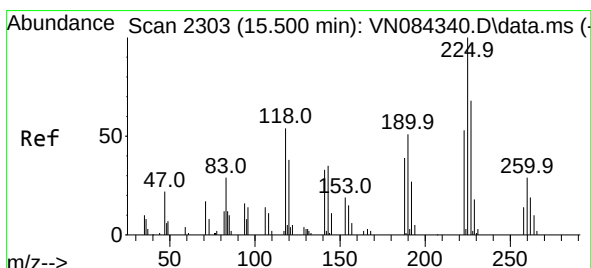
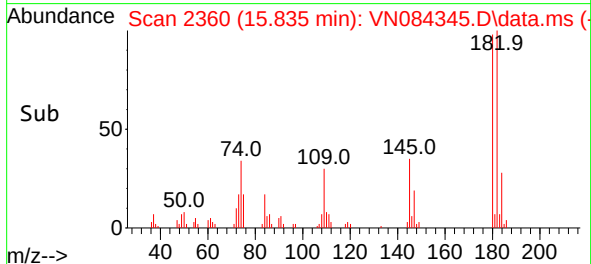
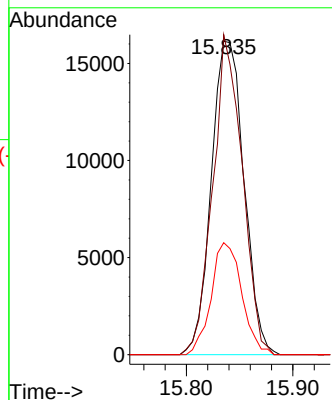
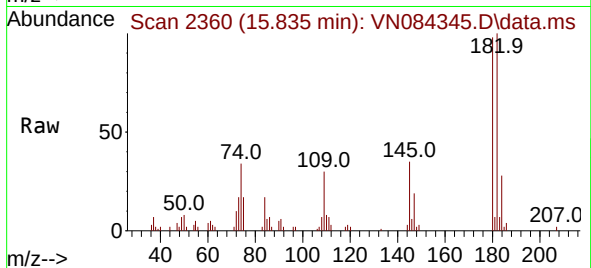
Tgt Ion:180 Resp: 34455

Ion Ratio Lower Upper

180 100

182 92.0 77.8 116.6

145 33.5 28.9 43.3



#90

Hexachlorobutadiene

Concen: 17.153 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

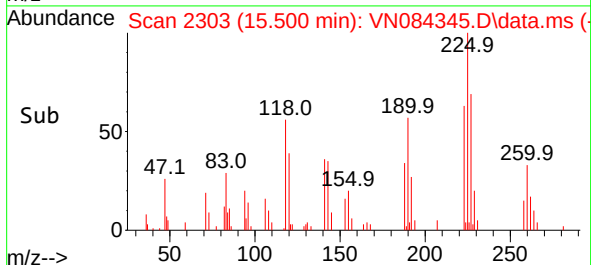
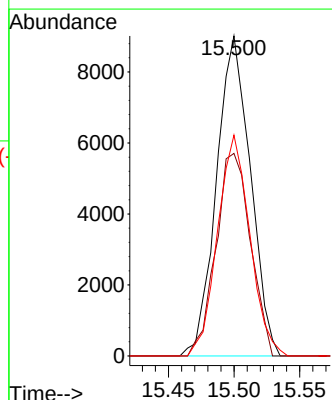
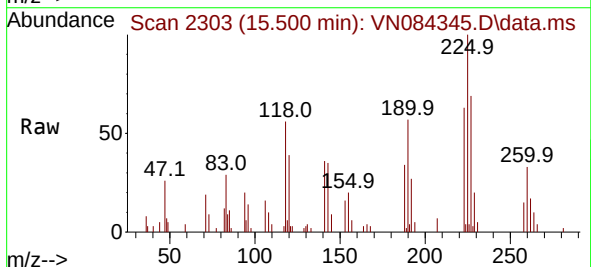
Tgt Ion:225 Resp: 16231

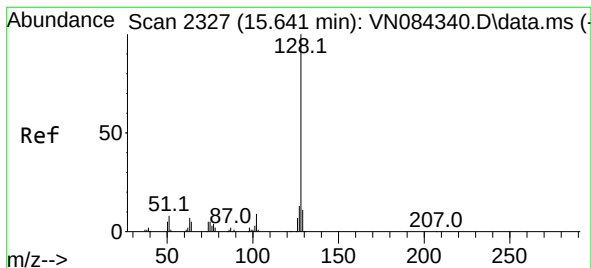
Ion Ratio Lower Upper

225 100

223 64.5 0.0 124.0

227 65.9 0.0 130.8





#91

Naphthalene

Concen: 15.016 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

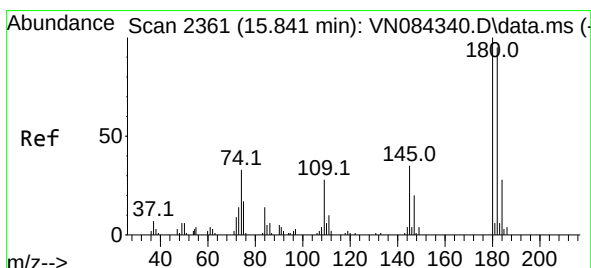
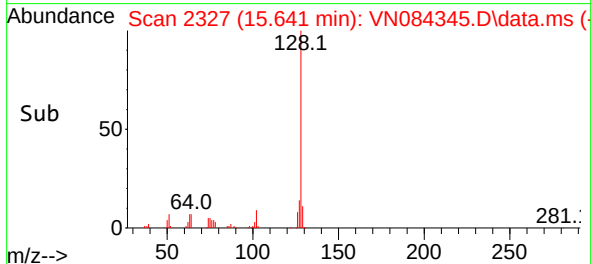
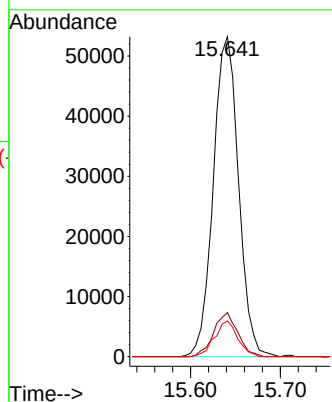
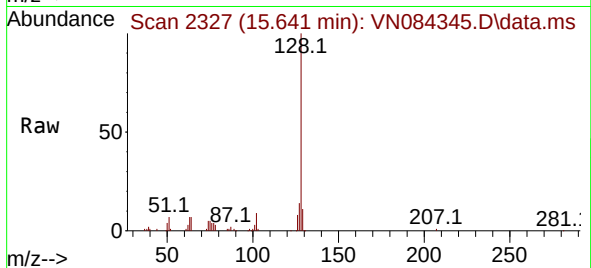
Tgt Ion:128 Resp: 104075

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.2 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 16.846 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Tgt Ion:180 Resp: 34455

Ion Ratio Lower Upper

180 100

182 92.0 0.0 194.4

145 33.5 0.0 72.2

