

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084506.D
 Acq On : 25 Oct 2024 11:04
 Operator : JC\MD
 Sample : VN1025WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 05:26:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	34702	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	195213	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	177752	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84628	30.291	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.967%	
60) 4-Bromofluorobenzene	12.847	95	88864	30.291	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.967%	
63) Toluene-d8	10.565	98	243186	29.532	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	36422	17.191	ug/l	97
3) Chloromethane	2.359	50	40390	16.752	ug/l	100
4) Vinyl Chloride	2.512	62	42500	17.975	ug/l	90
5) Bromomethane	2.965	94	26896	17.170	ug/l	91
6) Chloroethane	3.124	64	28823	18.595	ug/l	96
7) Trichlorofluoromethane	3.495	101	70666	18.349	ug/l	100
8) Diethyl Ether	3.959	74	25446	17.971	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	40889	18.882	ug/l	97
10) 1,1-Dichloroethene	4.336	96	38691	17.906	ug/l	88
11) Methyl Iodide	4.589	142	49750	17.521	ug/l	98
12) Methyl Acetate	5.024	43	59249	21.903	ug/l	97
13) Acrolein	4.177	56	52346	104.172	ug/l	99
14) Acrylonitrile	5.718	53	112460	92.538	ug/l	98
15) Acetone	4.424	58	38657	111.353	ug/l	96
16) Carbon Disulfide	4.712	76	102112	15.870	ug/l	97
17) Allyl chloride	5.024	41	63362	18.090	ug/l	98
18) Methylene Chloride	5.283	84	45436	18.667	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	40072	17.523	ug/l	97
20) Diisopropyl ether	6.671	45	143102	19.002	ug/l	97
21) 1,1-Dichloroethane	6.571	63	80838	18.707	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	49067	18.439	ug/l	97
23) tert-Butyl Alcohol	5.518	59	43998	94.385	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	138022	19.114	ug/l #	87
25) Chloroform	7.965	83	82367	18.820	ug/l	95
26) Cyclohexane	8.253	56	62057	17.171	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	55926	17.452	ug/l	99
30) 2-Butanone	7.483	43	166499	97.586	ug/l #	81
31) 2,2-Dichloropropane	7.483	77	72293	19.197	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	74656	18.226	ug/l	98
33) Carbon Tetrachloride	8.359	117	65486	18.454	ug/l	98
34) Benzene	8.606	78	185185	18.461	ug/l	95
35) Methacrylonitrile	7.777	41	34201	18.790	ug/l	96
36) 1,2-Dichloroethane	8.671	62	62515	18.697	ug/l	99
37) Trichloroethene	9.353	130	42690	18.481	ug/l	91
38) Methylcyclohexane	9.600	83	60037	17.056	ug/l	99
39) 1,2-Dichloropropane	9.618	63	44464	18.177	ug/l	96
40) Dibromomethane	9.706	93	31527	18.441	ug/l	97
41) Bromodichloromethane	9.888	83	67112	18.491	ug/l	94
42) Vinyl Acetate	6.600	43	519106	87.481	ug/l	100

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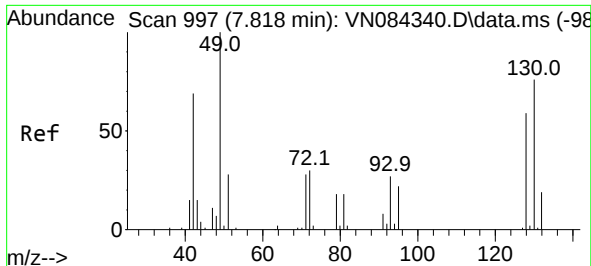
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	59398	17.652	ug/l	97
44) Isopropyl Acetate	8.688	43	109016	19.794	ug/l	96
45) 1,4-Dioxane	9.694	88	17576	354.009	ug/l	98
46) Methyl methacrylate	9.682	41	47794	17.961	ug/l	97
47) n-amyl Acetate	12.494	43	87873	17.937	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	66779	17.805	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	72971	18.565	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	42706	18.584	ug/l	95
51) Ethyl methacrylate	10.871	69	69514	18.314	ug/l	99
52) 1,3-Dichloropropane	11.159	76	74470	18.534	ug/l	100
53) Dibromochloromethane	11.359	129	49660	18.294	ug/l	98
54) 1,2-Dibromoethane	11.465	107	42517	17.974	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	152493	88.579	ug/l	99
56) Bromoform	12.576	173	32774	18.203	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	317615	95.920	ug/l	100
59) 2-Hexanone	11.194	43	239404	97.299	ug/l	100
61) Tetrachloroethene	11.100	164	37279	18.541	ug/l	98
62) Toluene	10.629	91	193173	18.564	ug/l	99
64) Chlorobenzene	11.888	112	120005	18.532	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	42428	18.860	ug/l	99
66) Ethyl Benzene	11.965	91	205594	18.185	ug/l	100
67) m/p-Xylenes	12.070	106	159912	37.286	ug/l	99
68) o-Xylene	12.394	106	76327	18.463	ug/l	99
69) Styrene	12.412	104	130016	18.321	ug/l	100
70) Isopropylbenzene	12.694	105	195104	18.487	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	62486	19.140	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	81385	29.108	ug/l	51
73) Bromobenzene	12.982	156	46579	18.224	ug/l	98
74) n-propylbenzene	13.035	91	229550	18.253	ug/l	99
75) 2-Chlorotoluene	13.123	91	145197	18.580	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	164553	18.518	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	21527	18.017	ug/l	96
78) 4-Chlorotoluene	13.217	91	145653	18.332	ug/l	97
79) tert-butylbenzene	13.435	119	142685	18.822	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	162818	18.059	ug/l	99
81) sec-Butylbenzene	13.612	105	192819	18.474	ug/l	100
82) p-Isopropyltoluene	13.729	119	160343	18.252	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	87899	18.496	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	84764	17.962	ug/l	99
85) n-Butylbenzene	14.053	91	132654	17.435	ug/l	99
86) Hexachloroethane	14.329	117	29867	17.647	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	84315	18.350	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12707	19.033	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	42050	17.602	ug/l	97
90) Hexachlorobutadiene	15.500	225	19449	17.598	ug/l	100
91) Naphthalene	15.641	128	135282	16.711	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	42050	17.602	ug/l	97

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

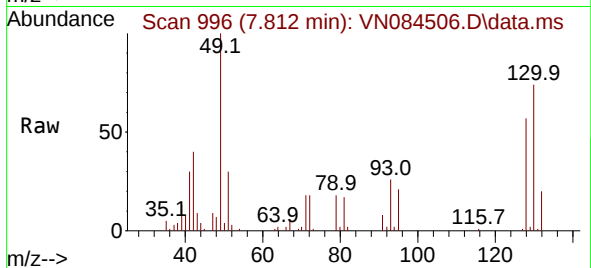
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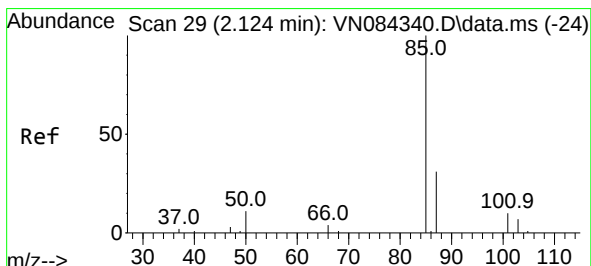
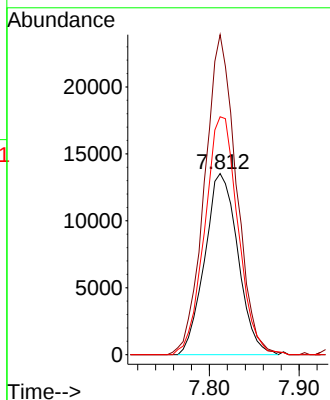
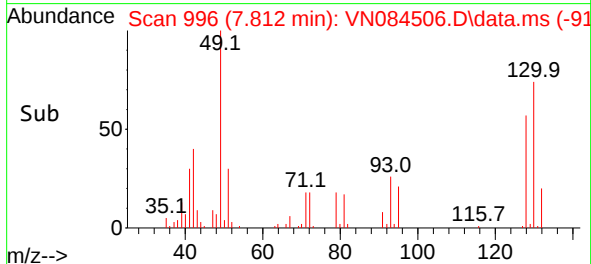


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
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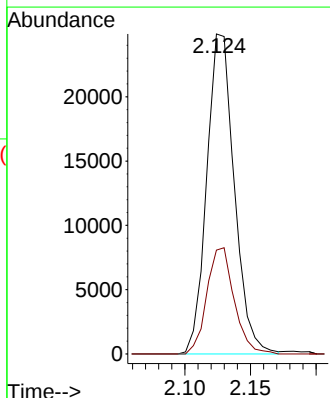
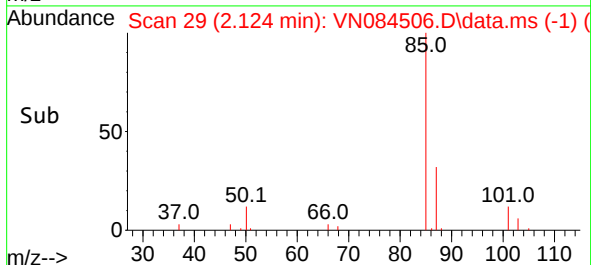
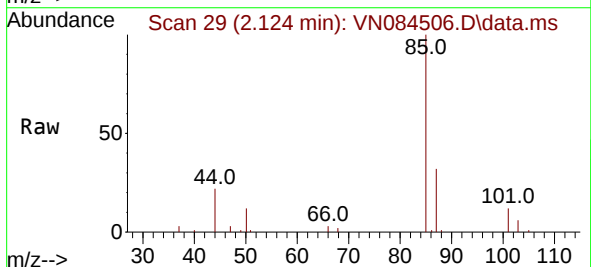


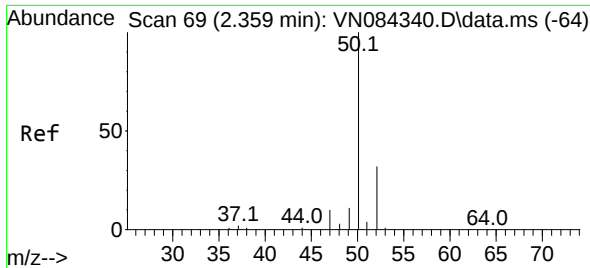
Tgt Ion:128 Resp: 34702
Ion Ratio Lower Upper
128 100
49 169.0 0.0 430.0
130 131.8 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 17.191 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 85 Resp: 36422
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.4

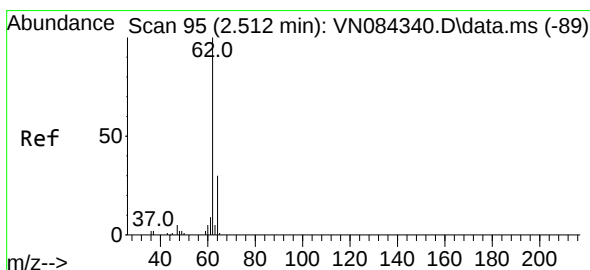
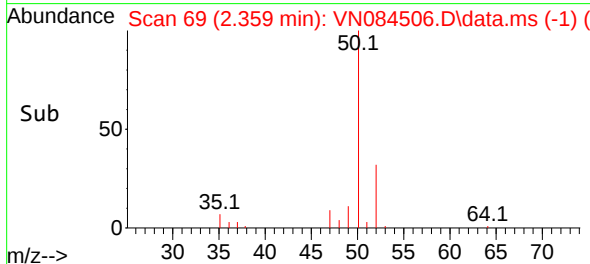
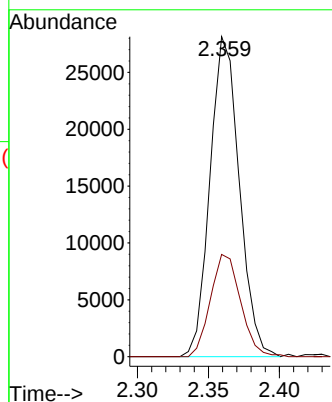
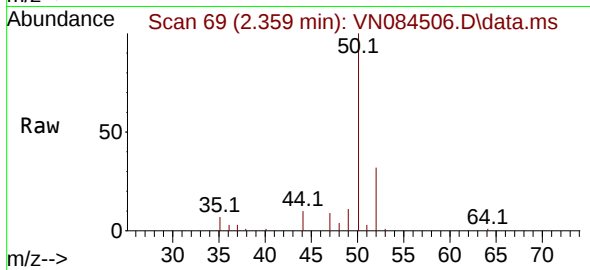




#3
Chloromethane
Concen: 16.752 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

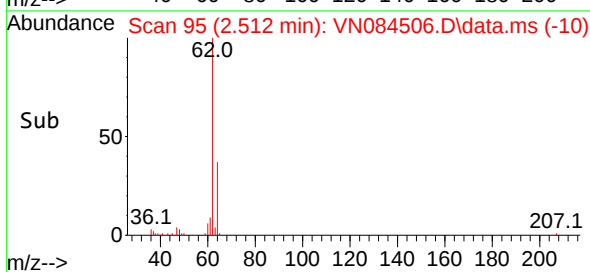
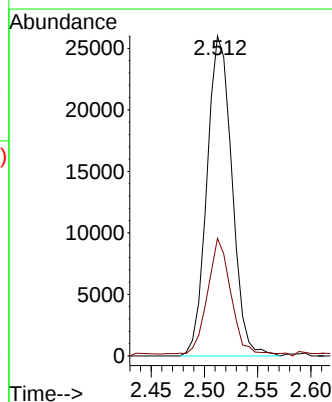
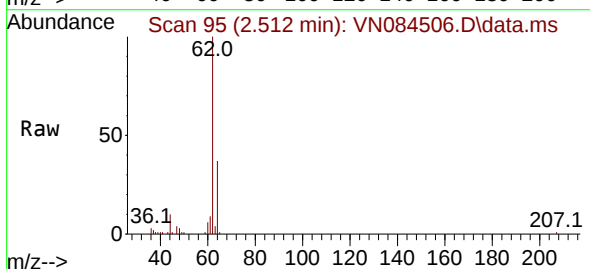
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MSVOA_N
ClientSampleId :

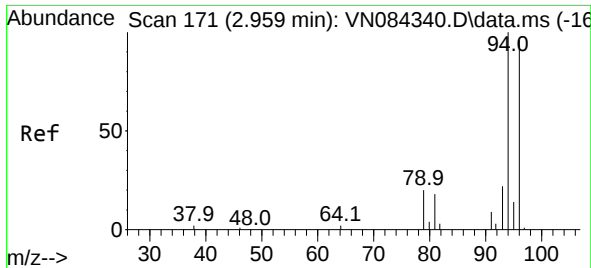
Tgt Ion: 50 Resp: 40390
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6



#4
Vinyl Chloride
Concen: 17.975 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 62 Resp: 42500
Ion Ratio Lower Upper
62 100
64 36.0 24.3 36.5

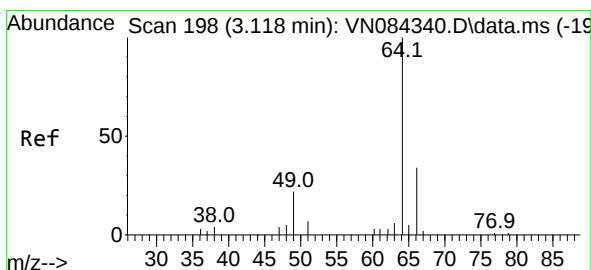
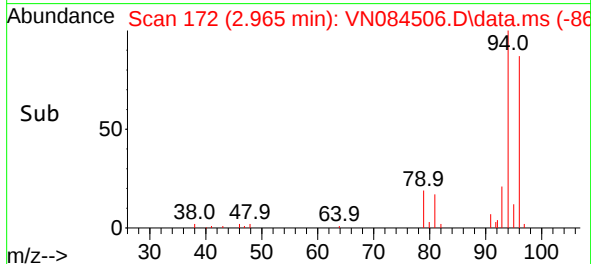
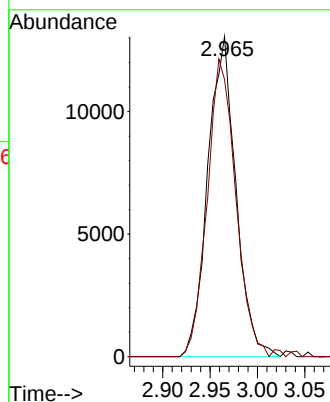
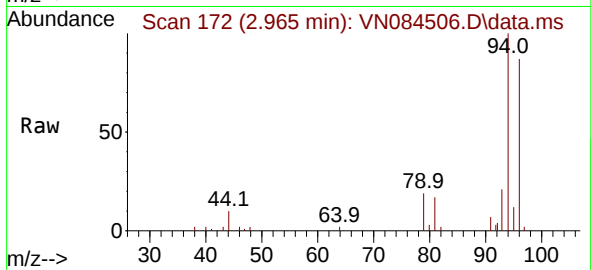




#5
Bromomethane
Concen: 17.170 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

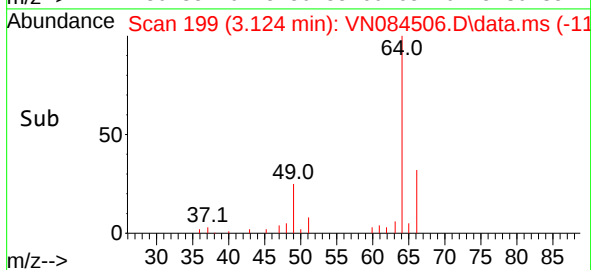
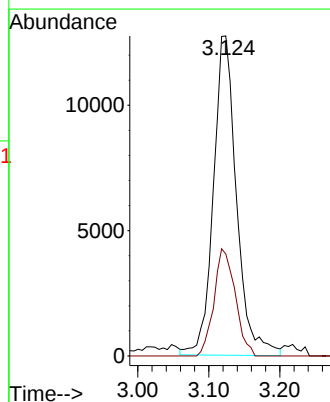
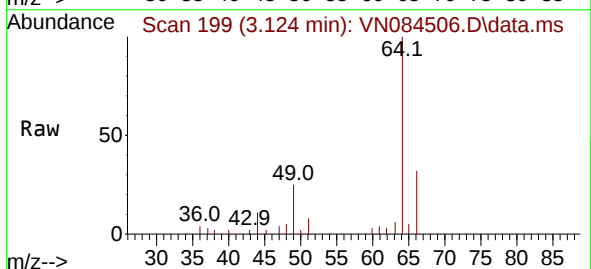
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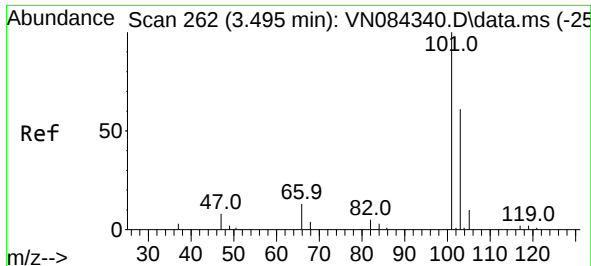
Tgt Ion: 94 Resp: 26896
Ion Ratio Lower Upper
94 100
96 86.6 76.7 115.1



#6
Chloroethane
Concen: 18.595 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

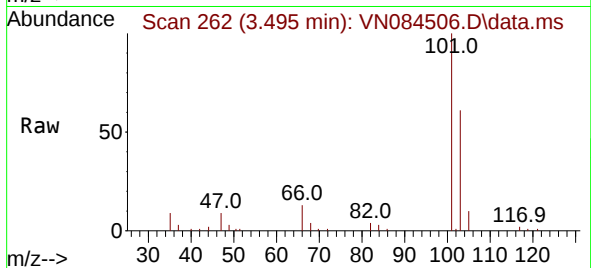
Tgt Ion: 64 Resp: 28823
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5



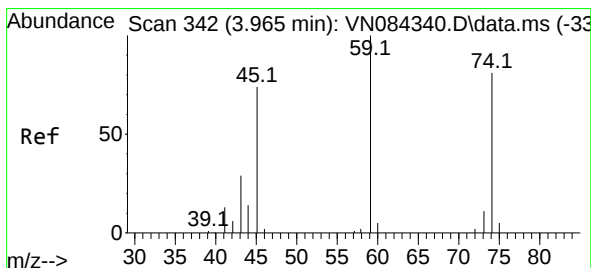
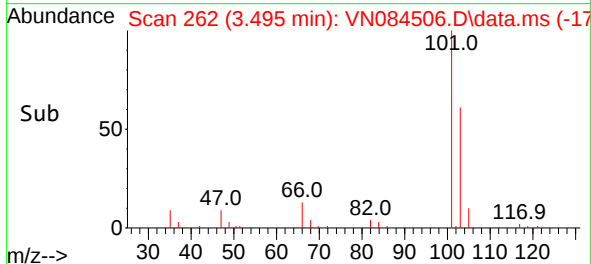
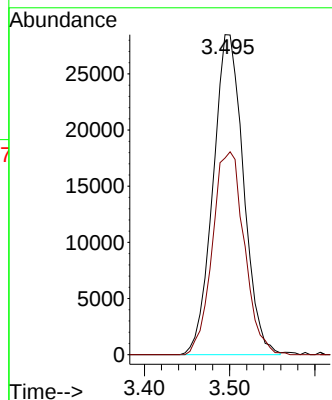


#7
Trichlorofluoromethane
Concen: 18.349 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

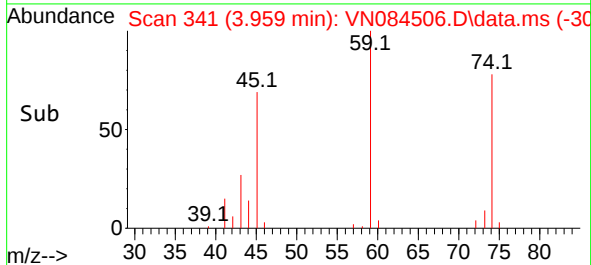
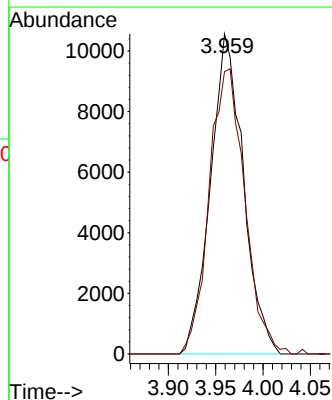
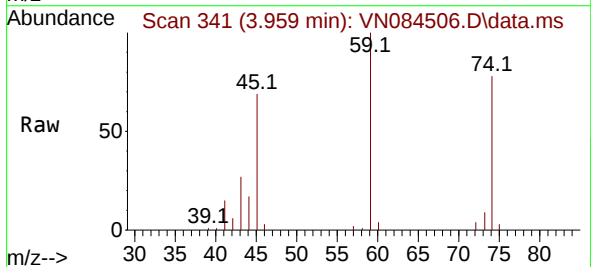


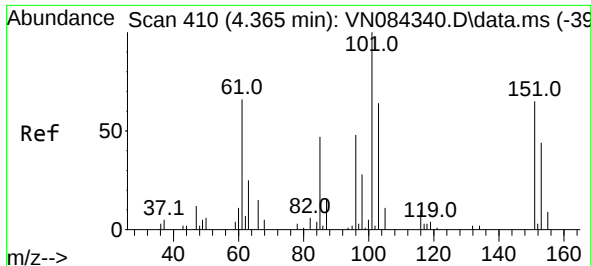
Tgt Ion:101 Resp: 70666
Ion Ratio Lower Upper
101 100
103 61.5 49.0 73.6



#8
Diethyl Ether
Concen: 17.971 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 74 Resp: 25446
Ion Ratio Lower Upper
74 100
45 96.5 19.2 173.2

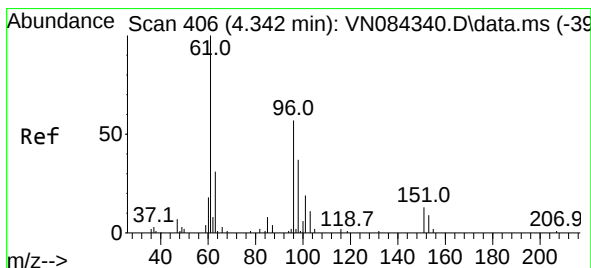
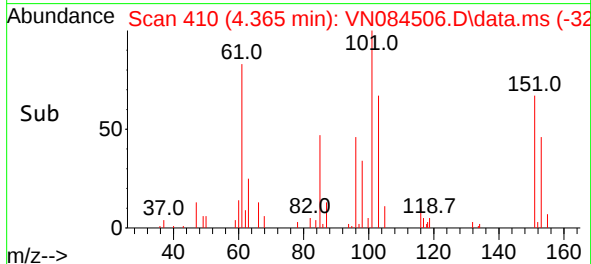
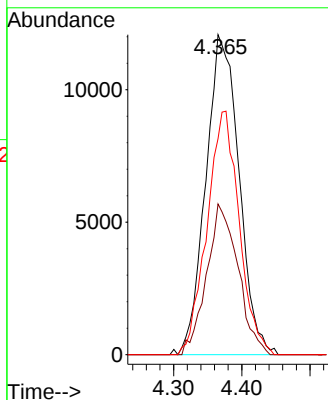
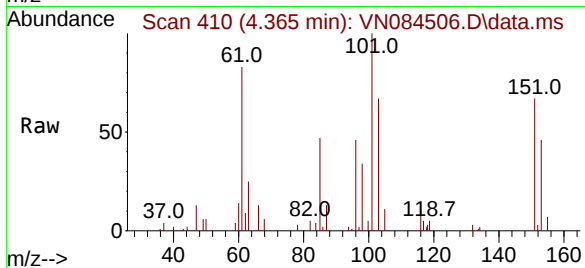




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.882 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

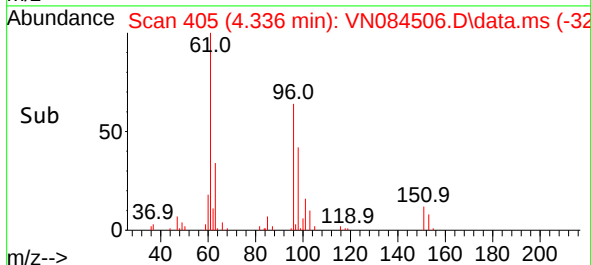
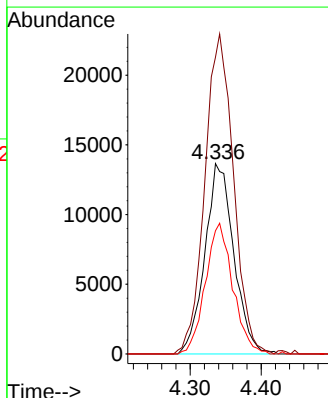
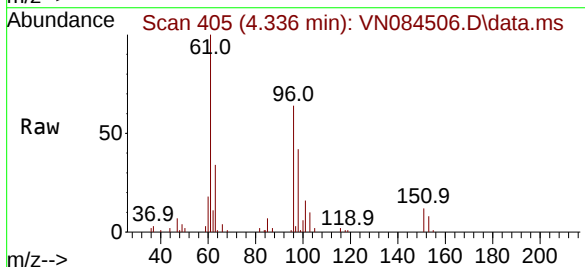
Instrument :
 MSVOA_N
 ClientSampleId :

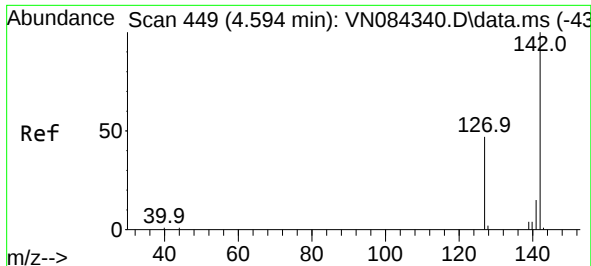
Tgt Ion:101 Resp: 40889
 Ion Ratio Lower Upper
 101 100
 85 44.5 0.0 93.6
 151 73.8 0.0 151.8



#10
 1,1-Dichloroethene
 Concen: 17.906 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

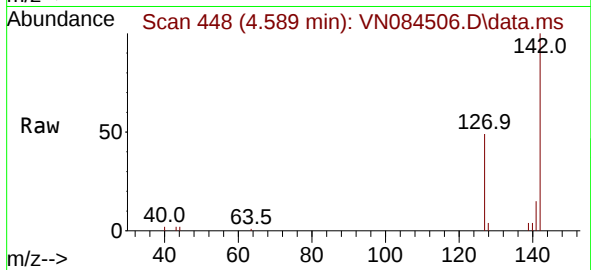
Tgt Ion: 96 Resp: 38691
 Ion Ratio Lower Upper
 96 100
 61 154.2 140.8 211.2
 98 64.7 52.2 78.2



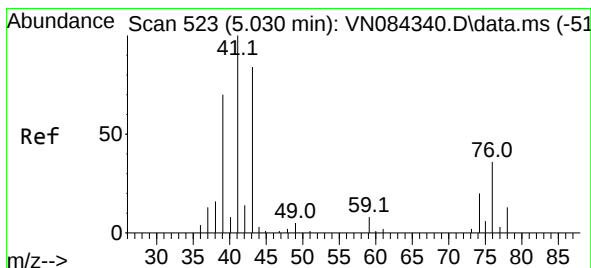
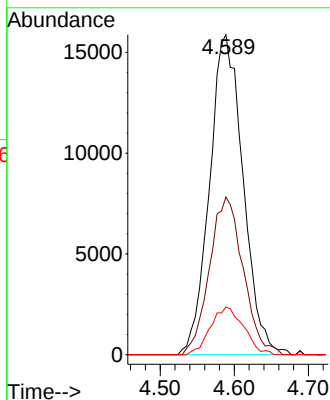
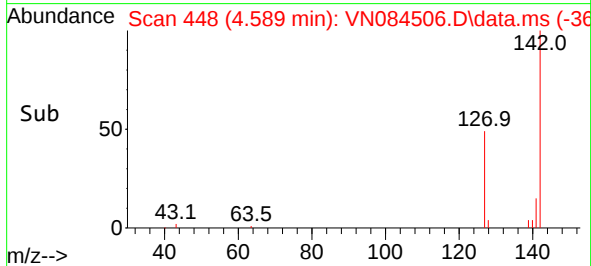


#11
Methyl Iodide
Concen: 17.521 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

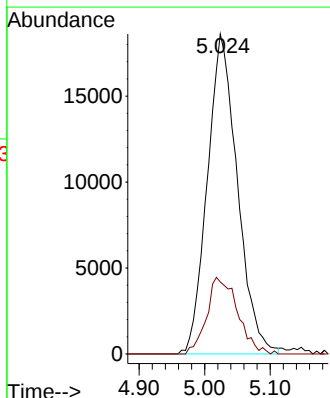
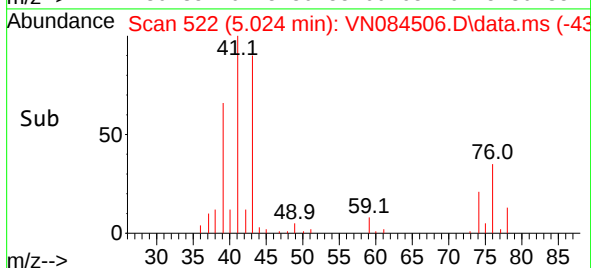
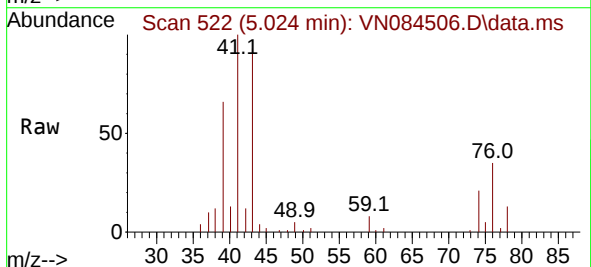


Tgt Ion:142 Resp: 49750
Ion Ratio Lower Upper
142 100
127 48.9 23.8 71.4
141 15.0 7.4 22.2



#12
Methyl Acetate
Concen: 21.903 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 43 Resp: 59249
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2





#13

Acrolein

Concen: 104.172 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

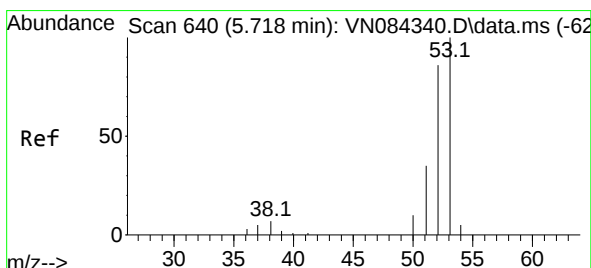
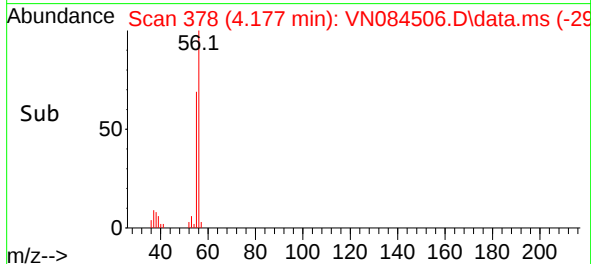
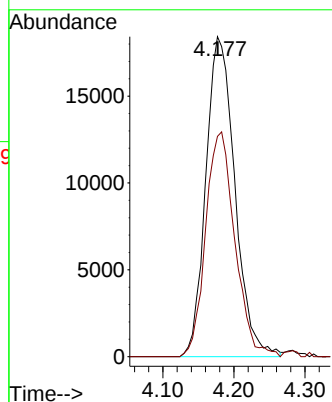
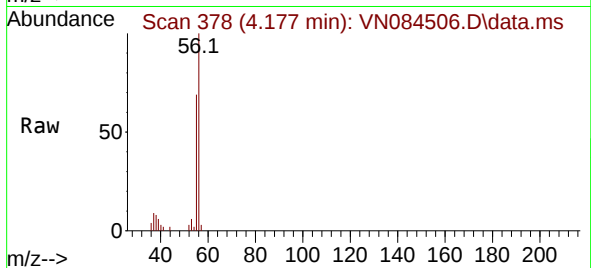
ClientSampleId :

Tgt Ion: 56 Resp: 52346

Ion Ratio Lower Upper

56 100

55 69.7 56.4 84.6



#14

Acrylonitrile

Concen: 92.538 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

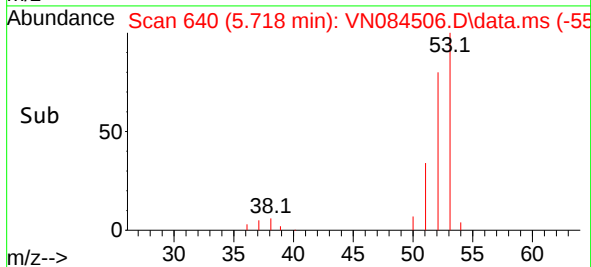
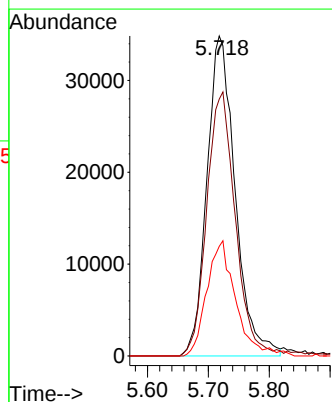
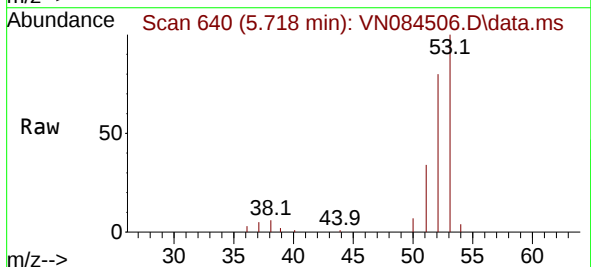
Tgt Ion: 53 Resp: 112460

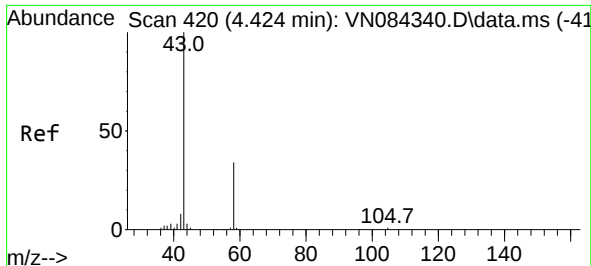
Ion Ratio Lower Upper

53 100

52 82.8 40.4 121.2

51 35.5 17.8 53.4





#15

Acetone

Concen: 111.353 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

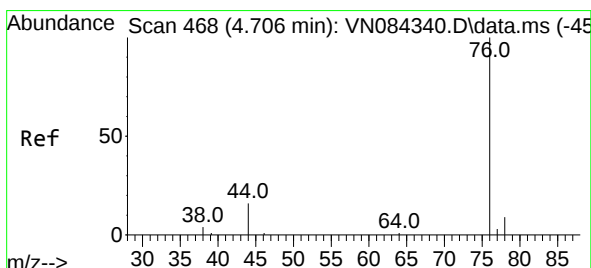
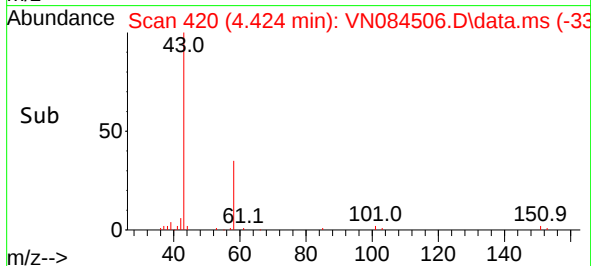
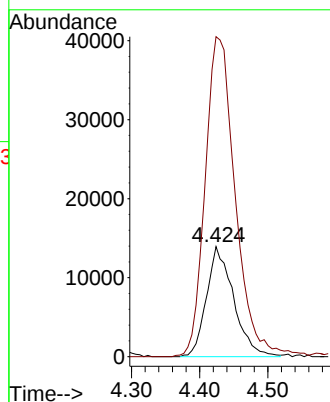
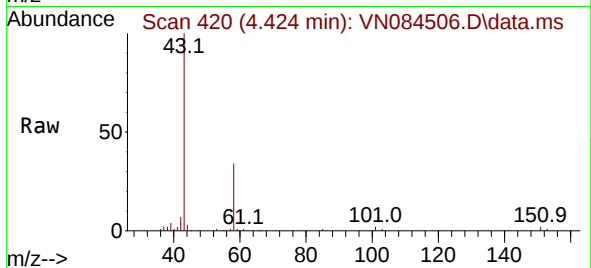
ClientSampleId :

Tgt Ion: 58 Resp: 38657

Ion Ratio Lower Upper

58 100

43 289.1 237.5 356.3



#16

Carbon Disulfide

Concen: 15.870 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084506.D

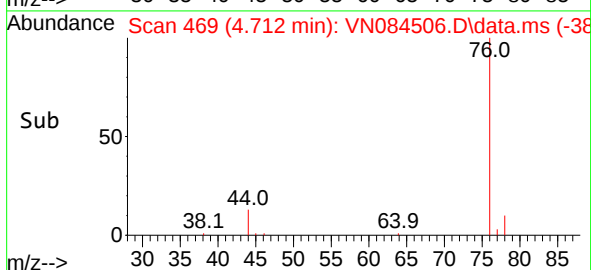
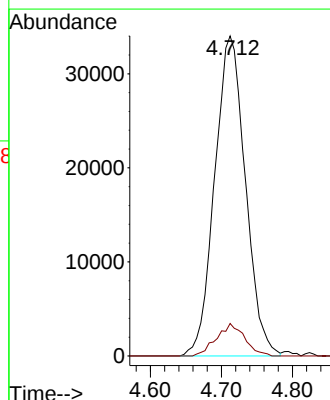
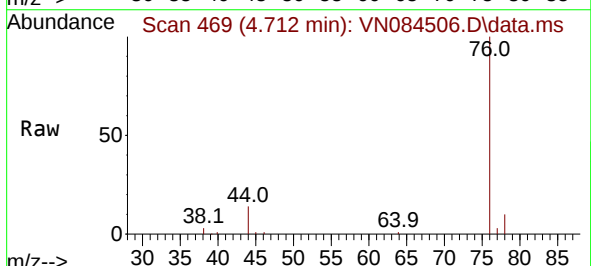
Acq: 25 Oct 2024 11:04

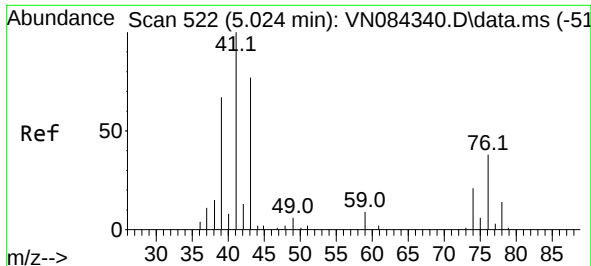
Tgt Ion: 76 Resp: 102112

Ion Ratio Lower Upper

76 100

78 10.2 7.1 10.7

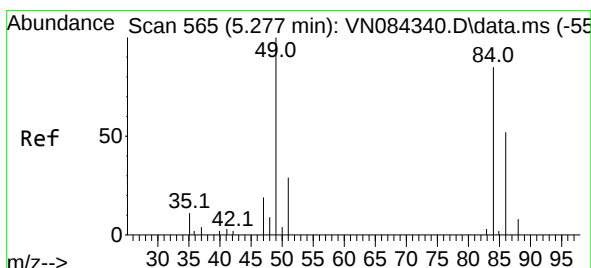
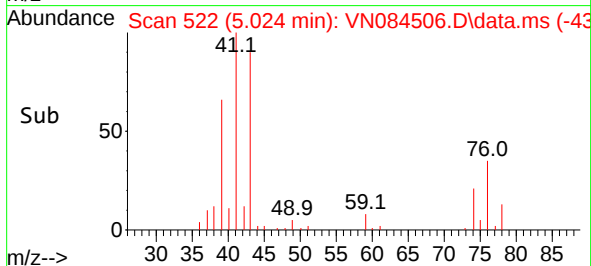
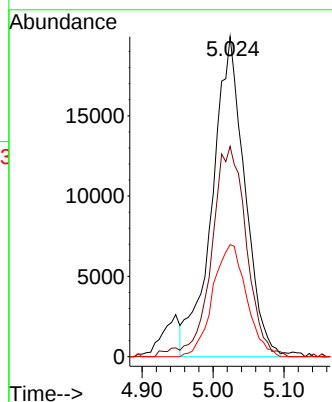
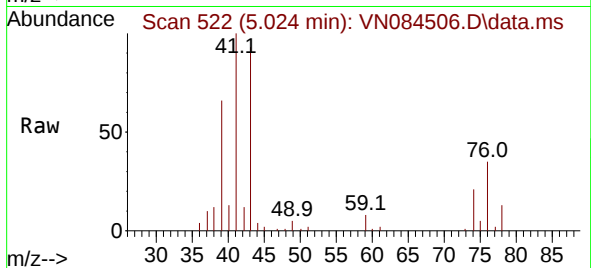




#17
 Allyl chloride
 Concen: 18.090 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

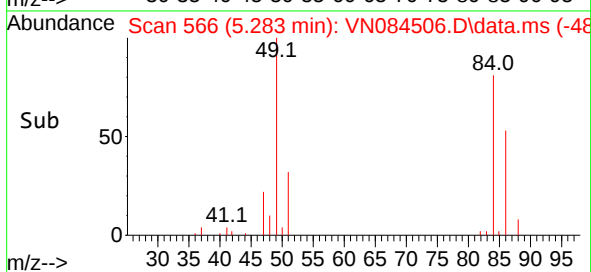
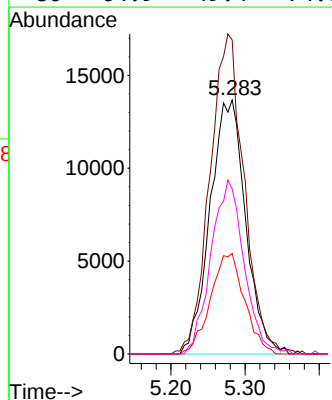
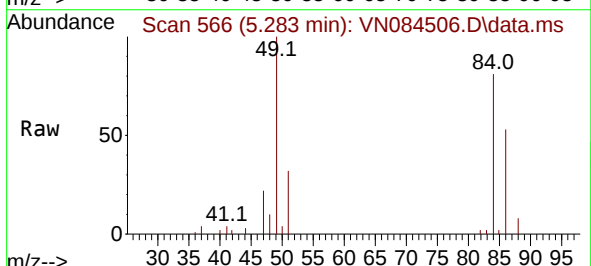
Instrument :
 MSVOA_N
 ClientSampleId :

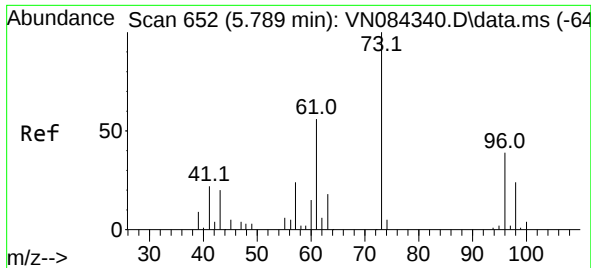
Tgt Ion:	41	Resp:	63362
Ion Ratio	Lower	Upper	
41	100		
39	64.7	31.4	94.3
76	35.3	17.8	53.5



#18
 Methylene Chloride
 Concen: 18.667 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

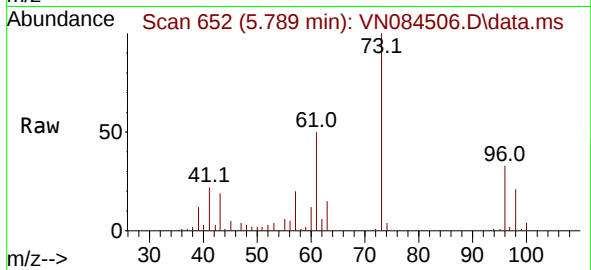
Tgt Ion:	84	Resp:	45436
Ion Ratio	Lower	Upper	
84	100		
49	122.4	94.6	142.0
51	39.6	27.3	40.9
86	64.9	49.4	74.0



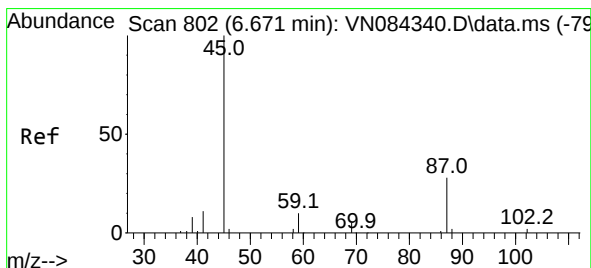
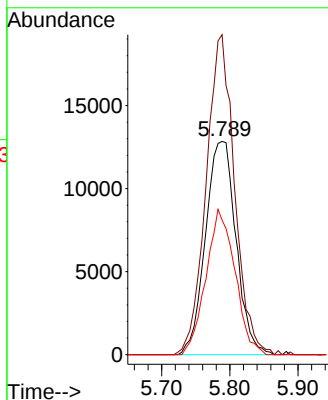
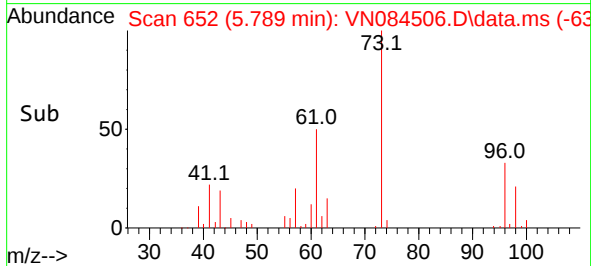


#19
trans-1,2-Dichloroethene
Concen: 17.523 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

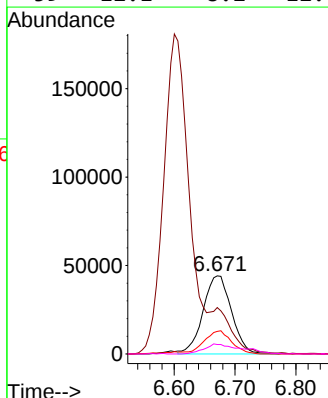
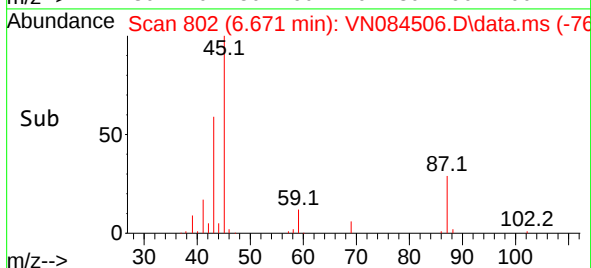
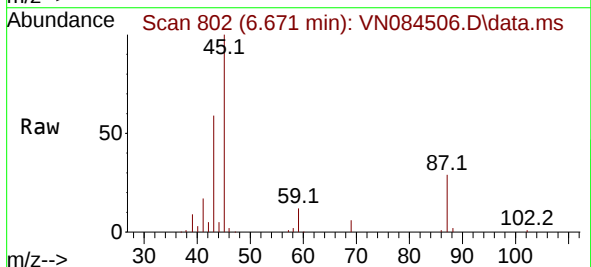


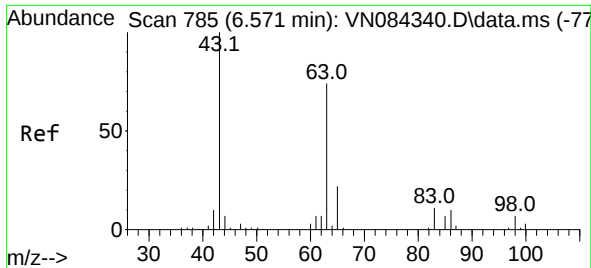
Tgt Ion: 96 Resp: 40072
Ion Ratio Lower Upper
96 100
61 148.8 115.8 173.6
98 63.1 49.4 74.0



#20
Diisopropyl ether
Concen: 19.002 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 45 Resp: 143102
Ion Ratio Lower Upper
45 100
43 58.2 43.7 65.5
87 28.9 23.1 34.7
59 12.1 8.2 12.4

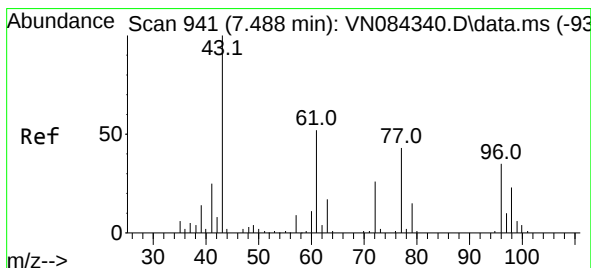
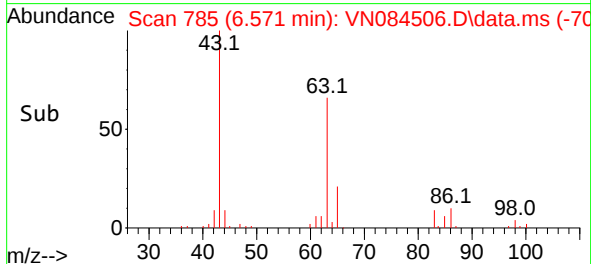
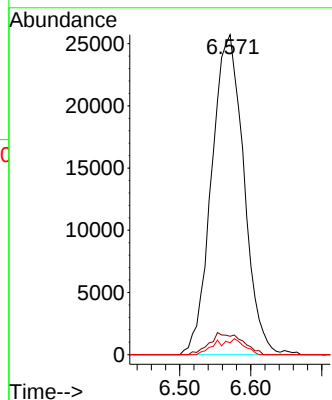
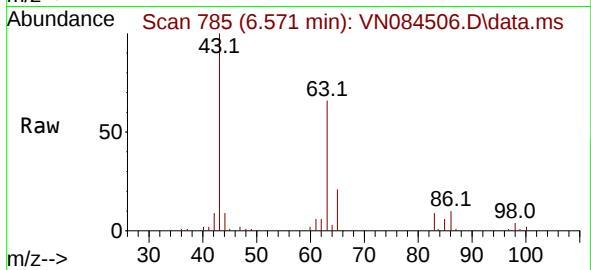




#21
1,1-Dichloroethane
Concen: 18.707 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

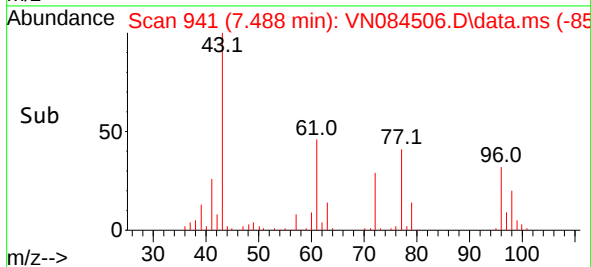
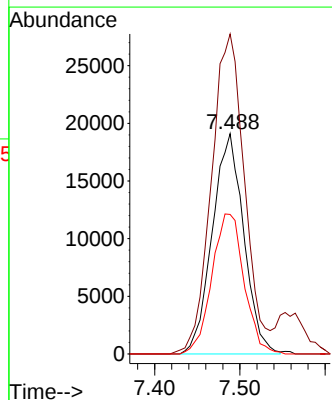
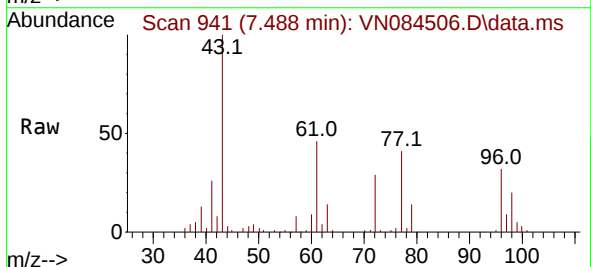
Instrument :
MSVOA_N
ClientSampleId :

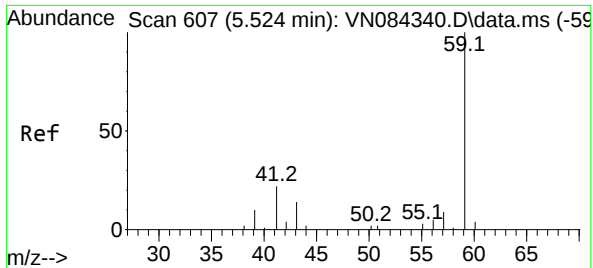
Tgt Ion: 63 Resp: 80838
Ion Ratio Lower Upper
63 100
98 5.7 4.5 13.4
100 3.7 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.439 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 96 Resp: 49067
Ion Ratio Lower Upper
96 100
61 152.7 118.0 177.0
98 65.1 51.8 77.8

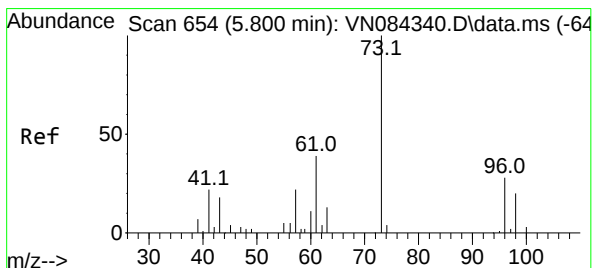
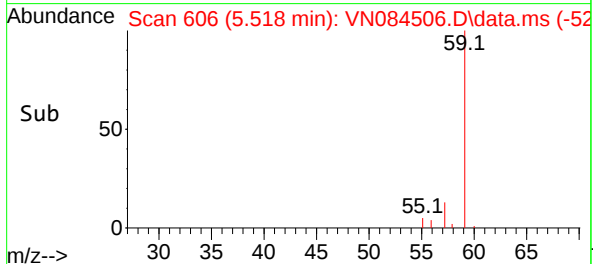
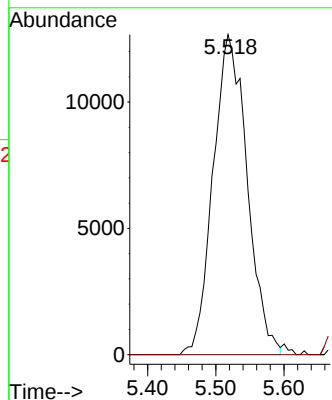
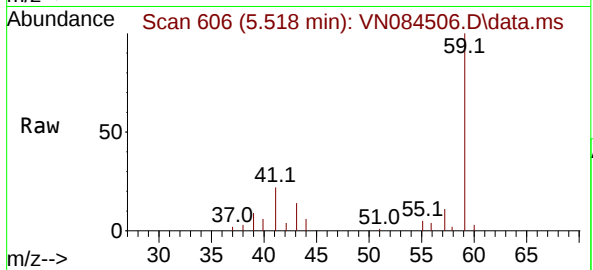




#23
tert-Butyl Alcohol
Concen: 94.385 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

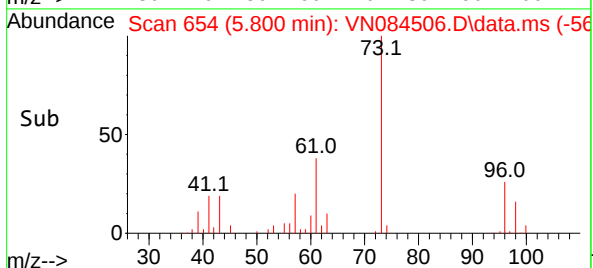
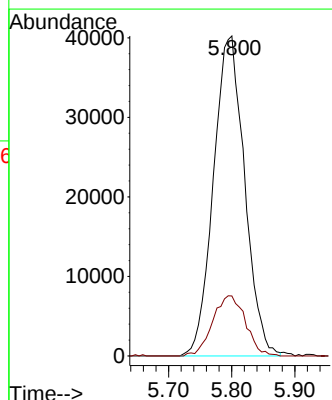
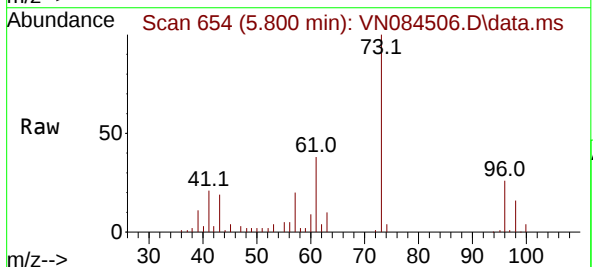
Instrument :
MSVOA_N
ClientSampleId :

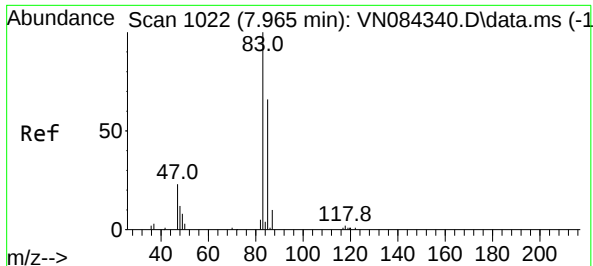
Tgt Ion: 59 Resp: 43998
Ion Ratio Lower Upper
59 100
52 211.6 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.114 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 73 Resp: 138022
Ion Ratio Lower Upper
73 100
43 18.9 10.9 16.3#

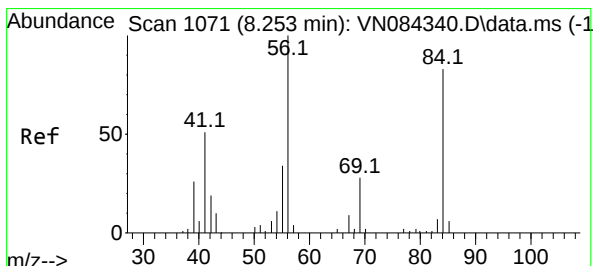
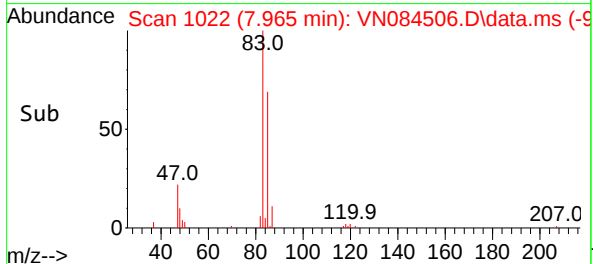
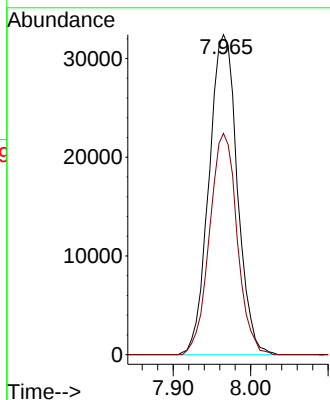
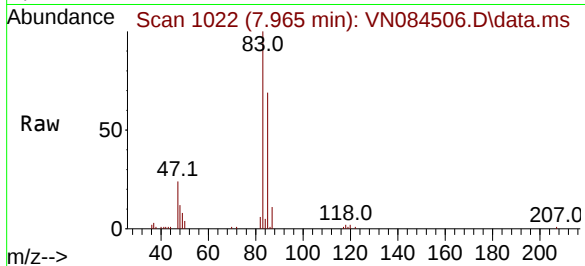




#25
Chloroform
Concen: 18.820 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

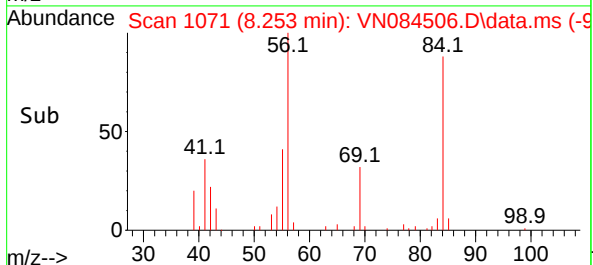
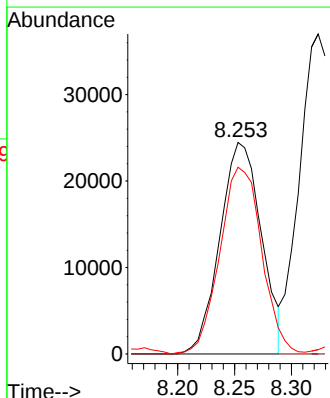
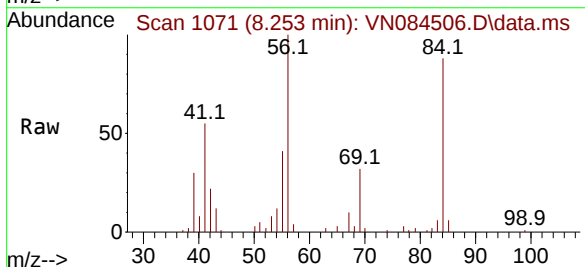
Instrument :
MSVOA_N
ClientSampleId :

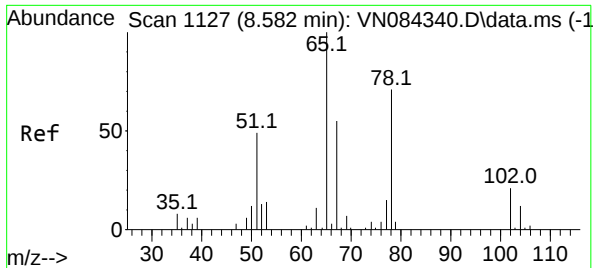
Tgt Ion: 83 Resp: 82367
Ion Ratio Lower Upper
83 100
85 69.2 52.4 78.6



#26
Cyclohexane
Concen: 17.171 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 56 Resp: 62057
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.2 67.0 100.6

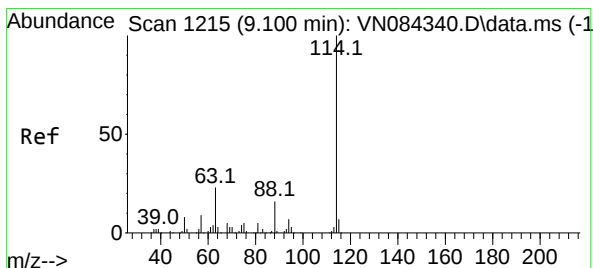
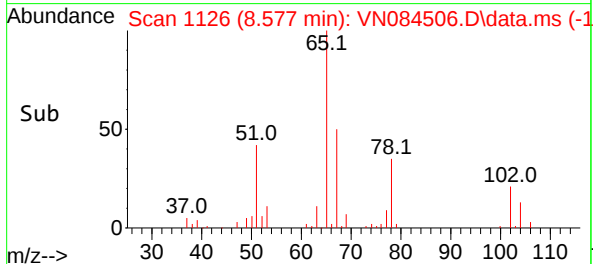
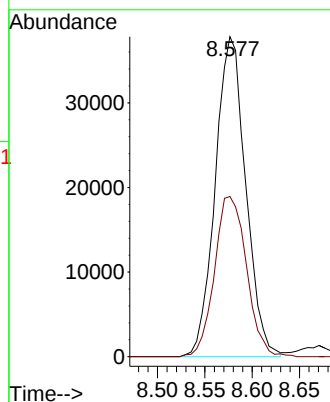
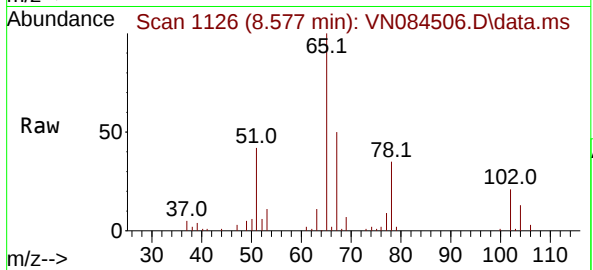




#27
1,2-Dichloroethane-d4
Concen: 30.291 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

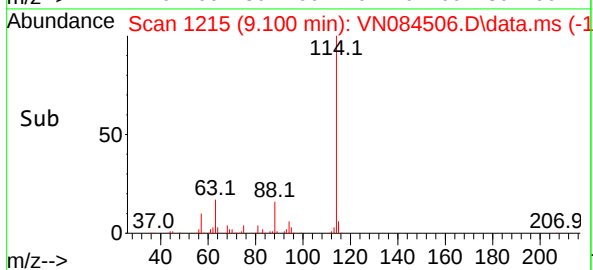
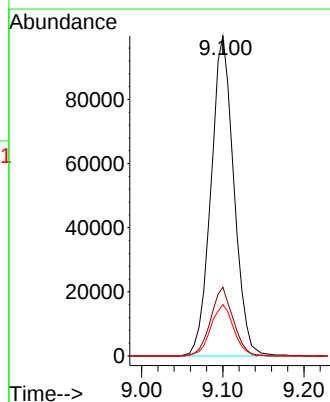
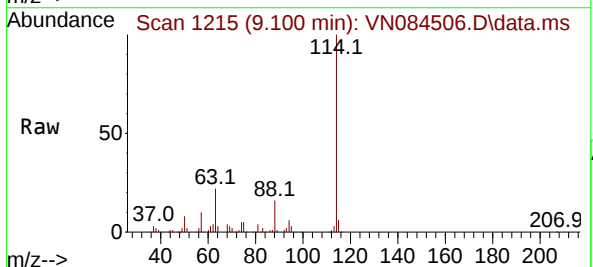
Instrument :
MSVOA_N
ClientSampleId :

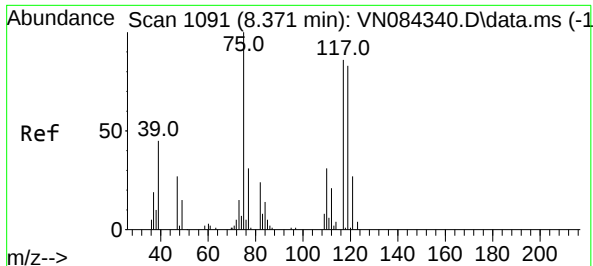
Tgt Ion: 65 Resp: 84628
Ion Ratio Lower Upper
65 100
67 52.6 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

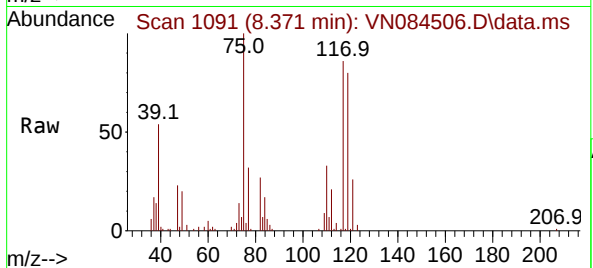
Tgt Ion:114 Resp: 195213
Ion Ratio Lower Upper
114 100
63 21.0 17.4 26.0
88 15.9 13.2 19.8



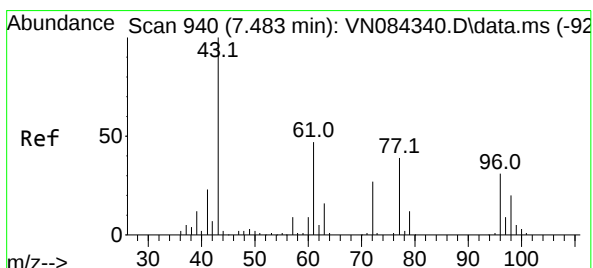
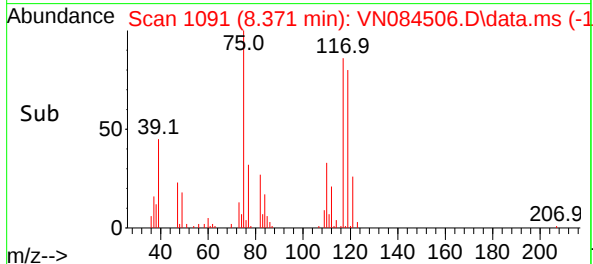
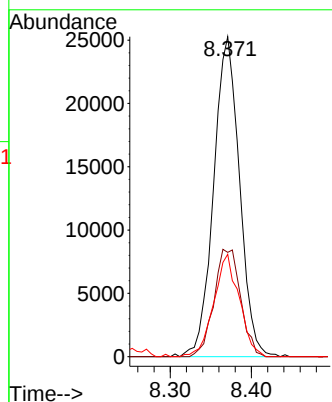


#29
1,1-Dichloropropene
Concen: 17.452 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

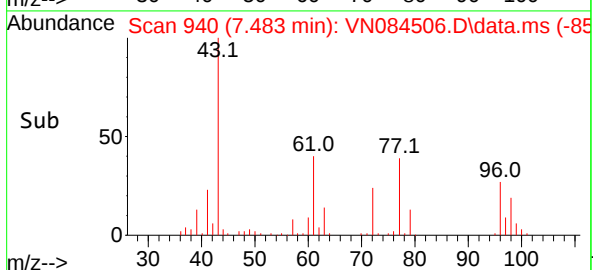
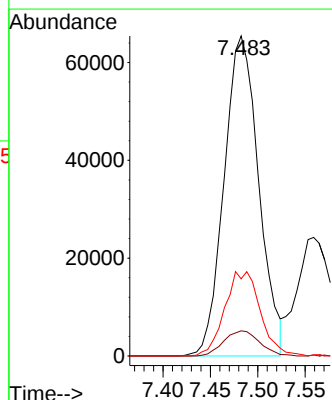
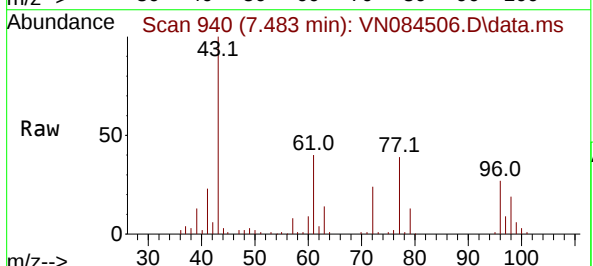


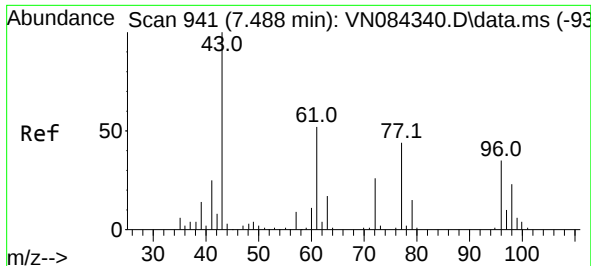
Tgt Ion: 75 Resp: 55926
Ion Ratio Lower Upper
75 100
110 34.5 0.0 67.6
77 31.5 0.0 61.4



#30
2-Butanone
Concen: 97.586 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 43 Resp: 166499
Ion Ratio Lower Upper
43 100
57 8.1 6.6 9.8
72 14.2 21.3 31.9#





#31

2,2-Dichloropropane

Concen: 19.197 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

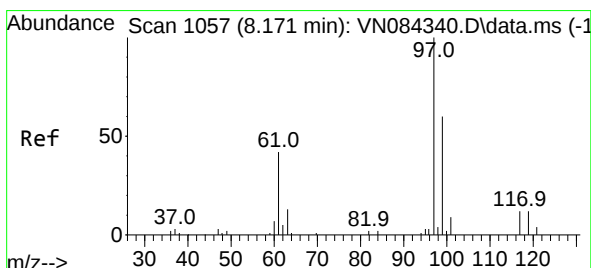
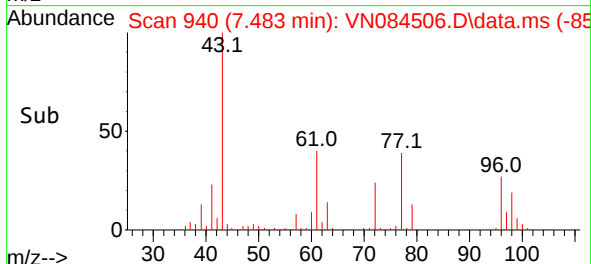
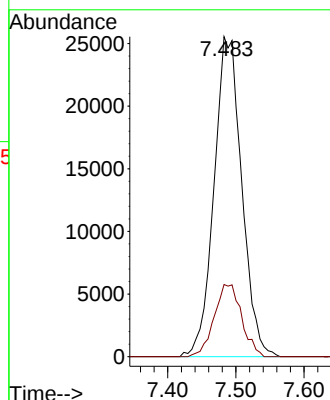
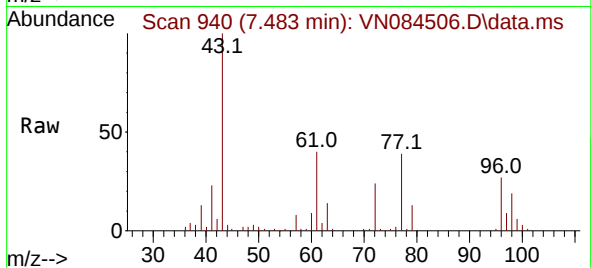
ClientSampleId :

Tgt Ion: 77 Resp: 72293

Ion Ratio Lower Upper

77 100

97 22.3 11.5 17.3#



#32

1,1,1-Trichloroethane

Concen: 18.226 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

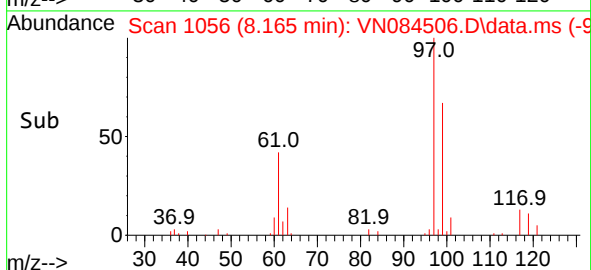
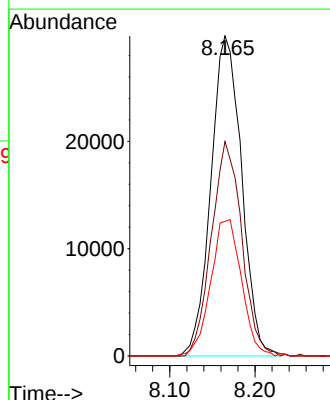
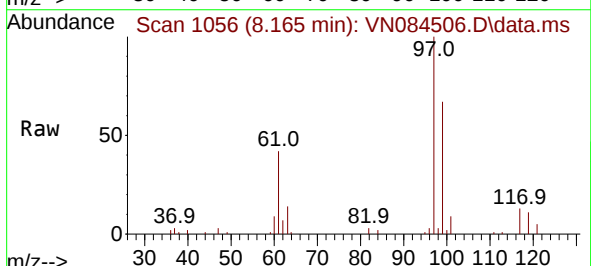
Tgt Ion: 97 Resp: 74656

Ion Ratio Lower Upper

97 100

99 66.3 51.2 76.8

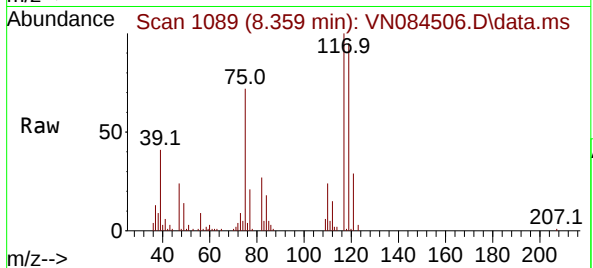
61 42.8 34.1 51.1



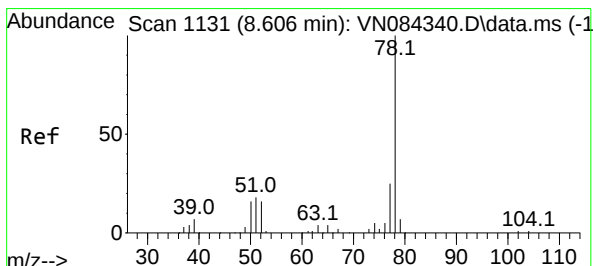
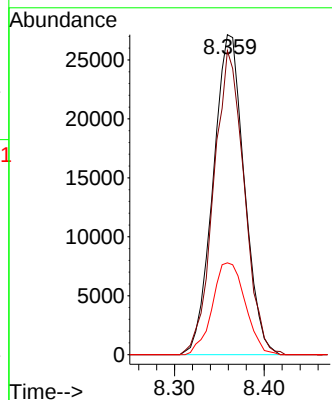
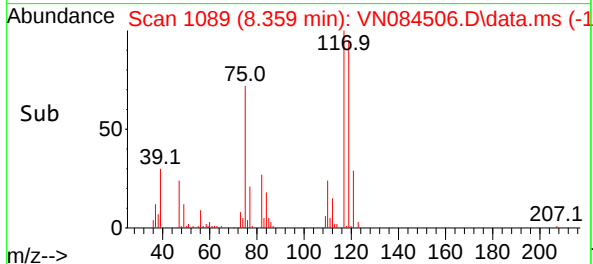


#33
Carbon Tetrachloride
Concen: 18.454 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

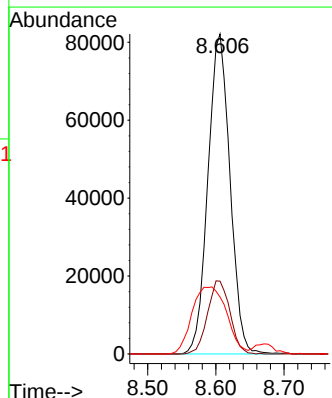
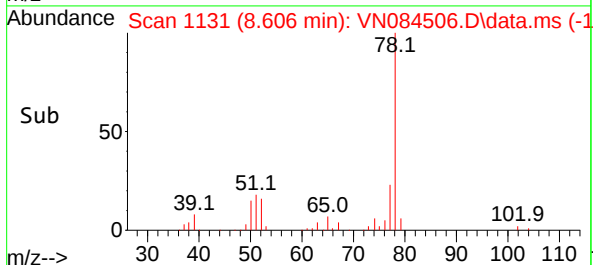
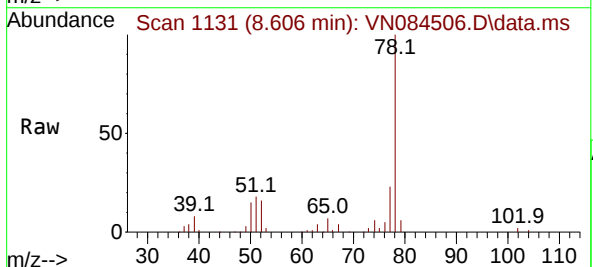


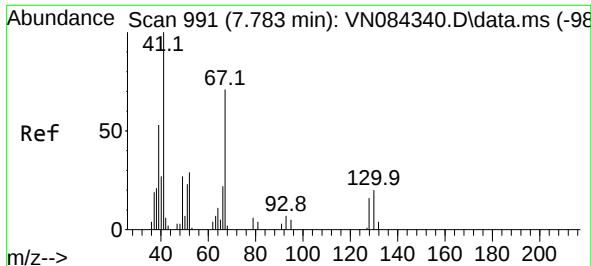
Tgt Ion:117 Resp: 65486
Ion Ratio Lower Upper
117 100
119 95.0 74.3 111.5
121 28.7 22.4 33.6



#34
Benzene
Concen: 18.461 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

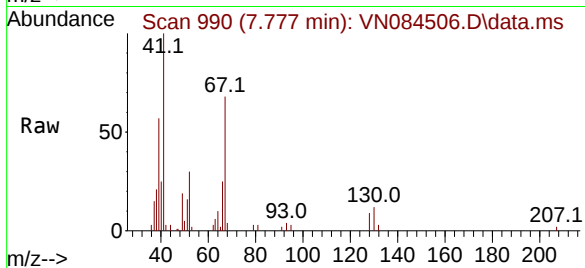
Tgt Ion: 78 Resp: 185185
Ion Ratio Lower Upper
78 100
77 22.8 19.6 29.4
51 16.8 15.8 23.6



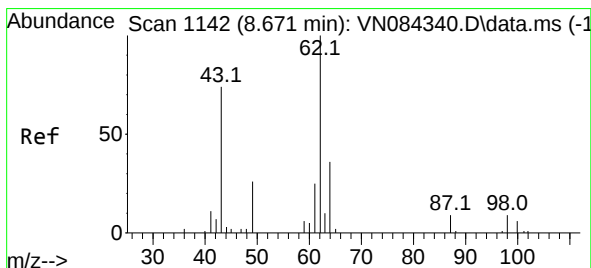
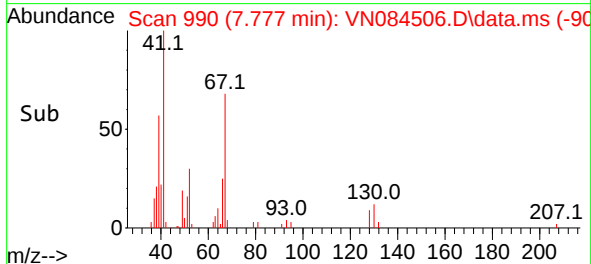
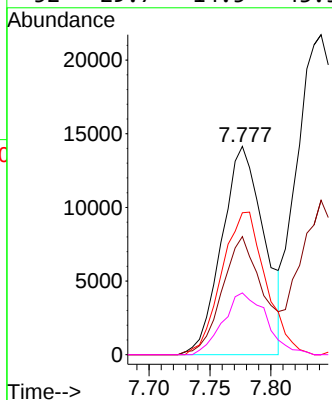


#35
Methacrylonitrile
Concen: 18.790 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

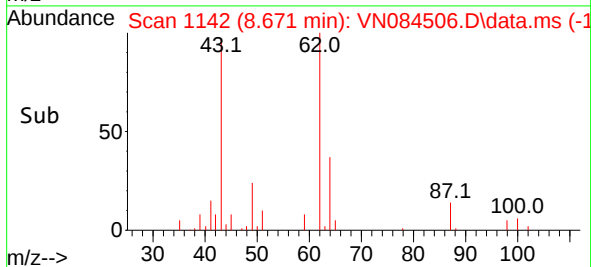
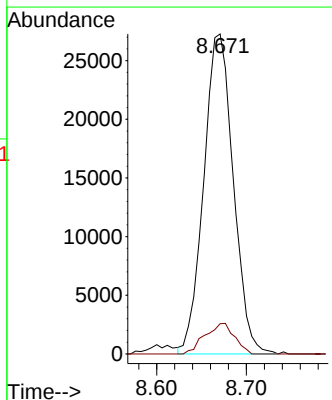
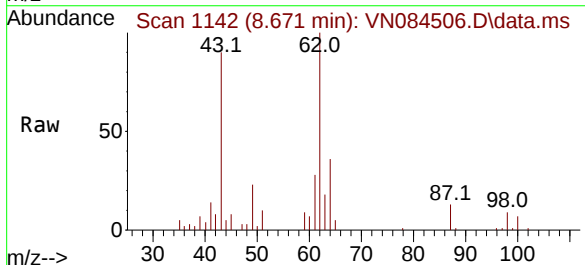


Tgt Ion:	41	Resp:	34201
Ion	Ratio	Lower	Upper
41	100		
39	56.7	26.4	79.0
67	68.1	35.7	107.1
52	29.7	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.697 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion:	62	Resp:	62515
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.3	10.9





#37

Trichloroethene

Concen: 18.481 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

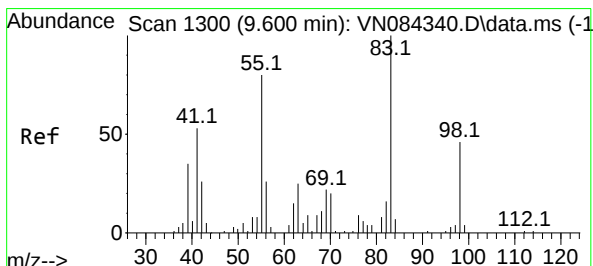
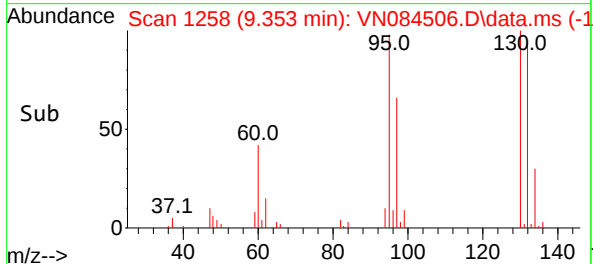
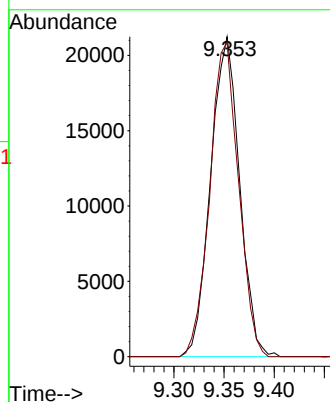
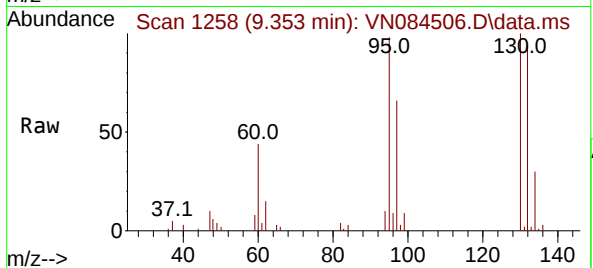
ClientSampleId :

Tgt Ion:130 Resp: 42690

Ion Ratio Lower Upper

130 100

95 98.2 85.8 128.6



#38

Methylcyclohexane

Concen: 17.056 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

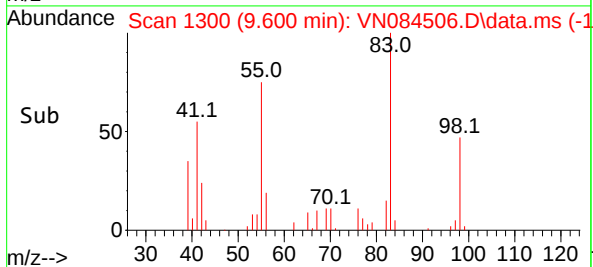
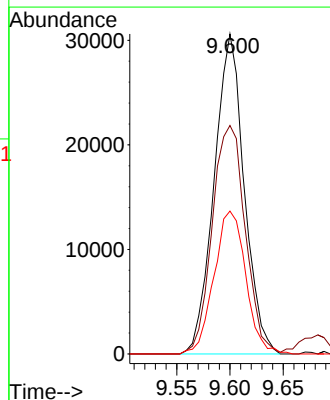
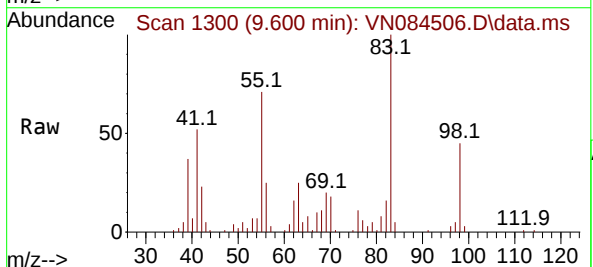
Tgt Ion: 83 Resp: 60037

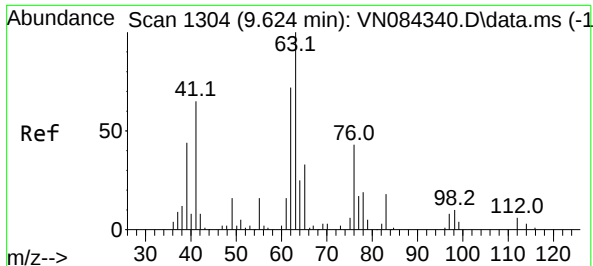
Ion Ratio Lower Upper

83 100

55 78.3 39.3 117.8

98 47.2 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.177 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

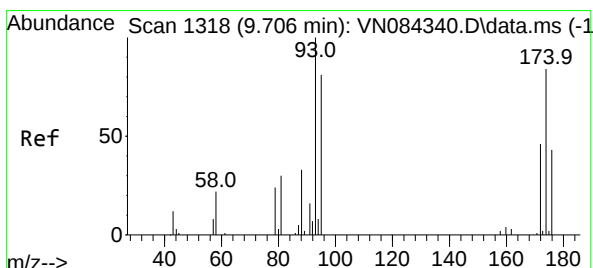
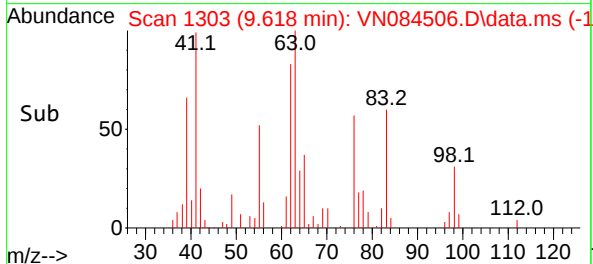
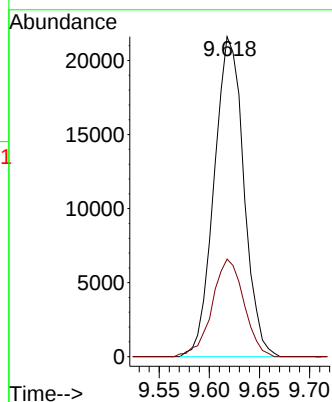
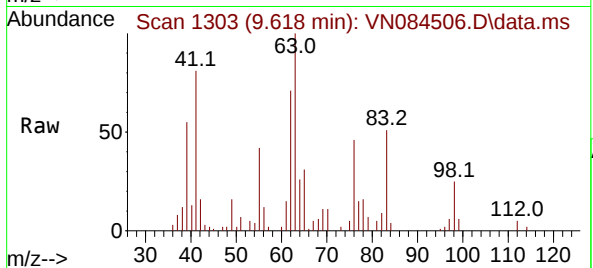
ClientSampleId :

Tgt Ion: 63 Resp: 44464

Ion Ratio Lower Upper

63 100

65 30.5 26.3 39.5



#40

Dibromomethane

Concen: 18.441 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

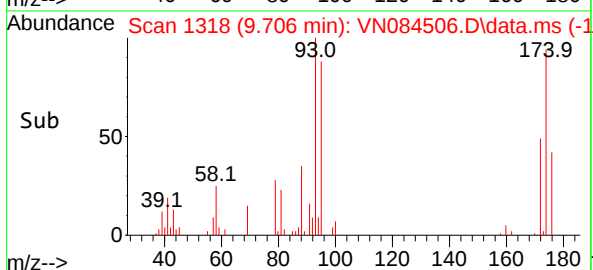
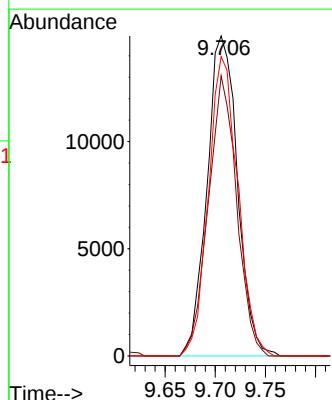
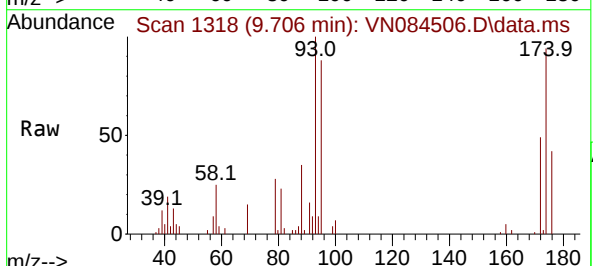
Tgt Ion: 93 Resp: 31527

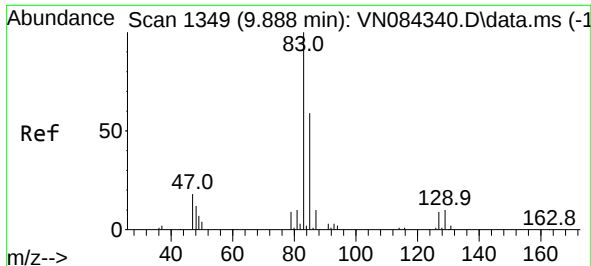
Ion Ratio Lower Upper

93 100

95 81.7 0.0 171.4

174 90.7 0.0 183.0

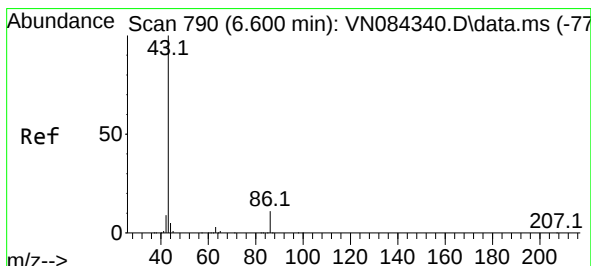
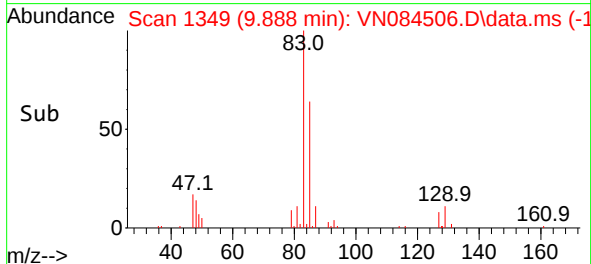
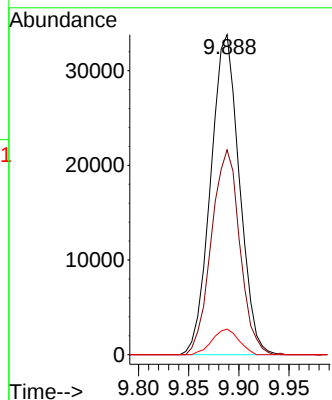
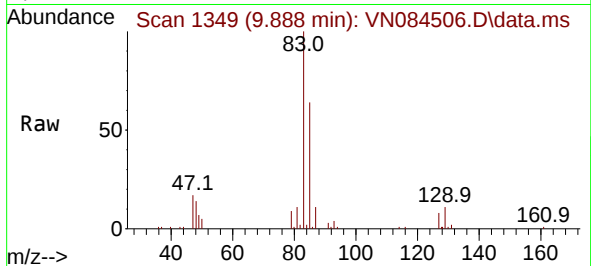




#41
Bromodichloromethane
Concen: 18.491 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

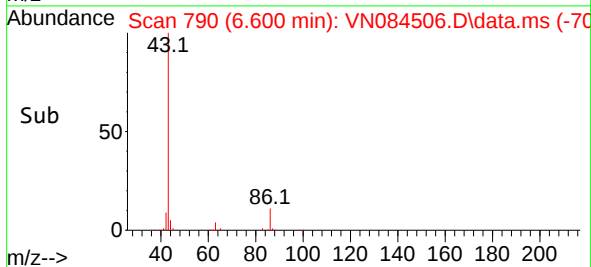
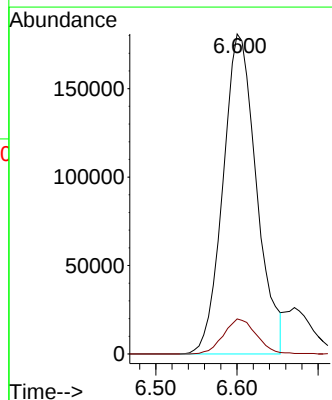
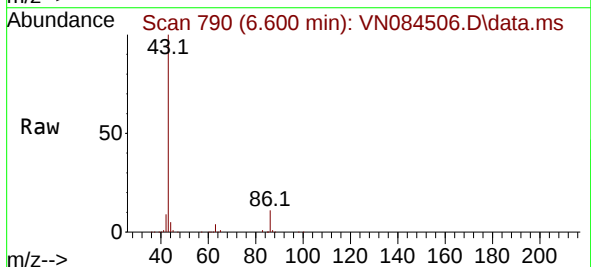
Instrument :
MSVOA_N
ClientSampleId :

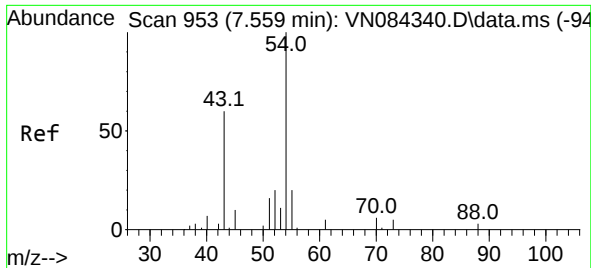
Tgt Ion: 83 Resp: 67112
Ion Ratio Lower Upper
83 100
85 64.0 47.1 70.7
127 8.0 7.1 10.7



#42
Vinyl Acetate
Concen: 87.481 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 43 Resp: 519106
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7

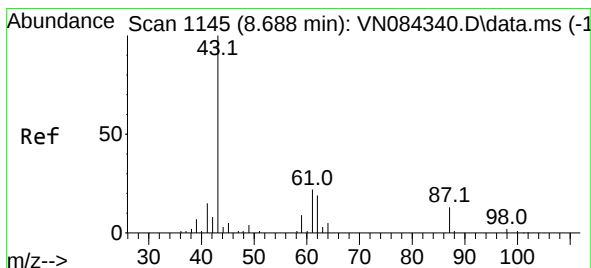
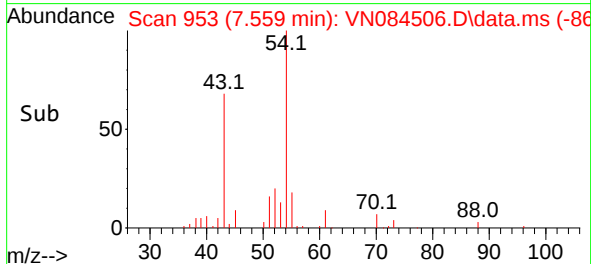
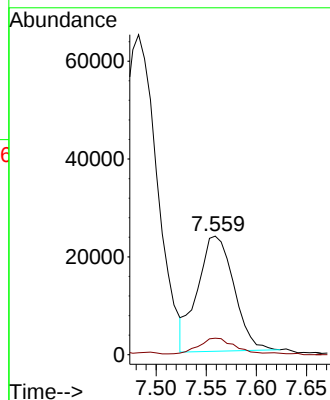
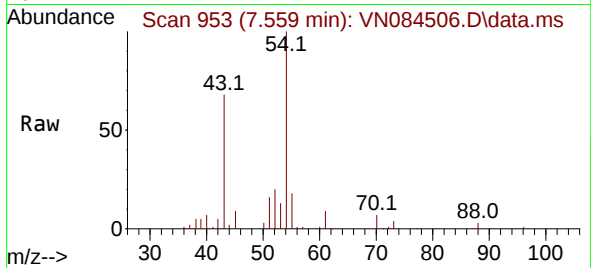




#43
Ethyl Acetate
Concen: 17.652 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

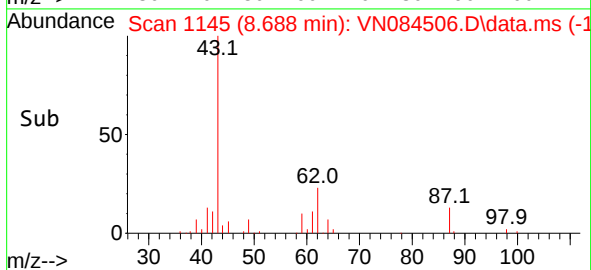
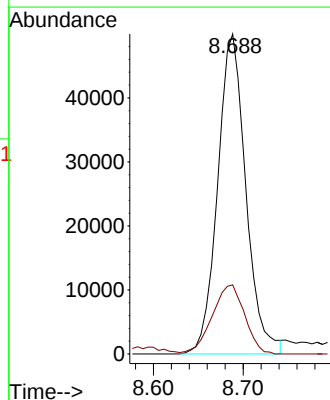
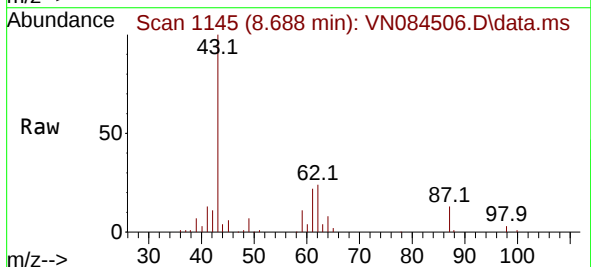
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 59398
Ion Ratio Lower Upper
43 100
45 14.6 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.794 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

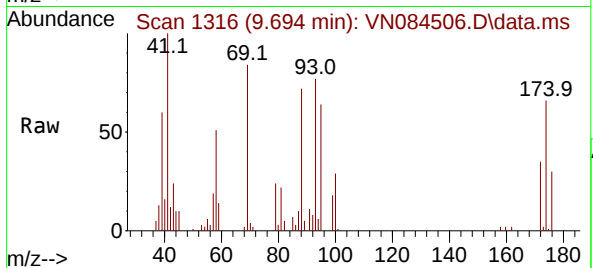
Tgt Ion: 43 Resp: 109016
Ion Ratio Lower Upper
43 100
61 24.9 21.4 32.2



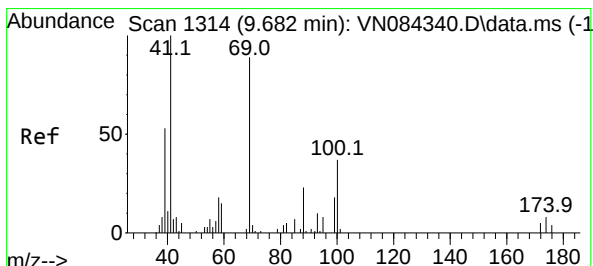
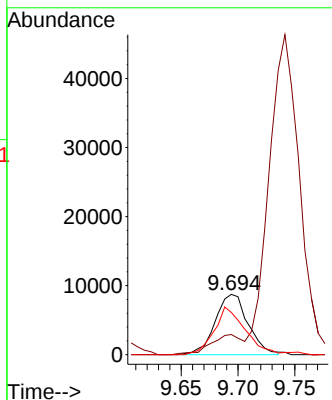
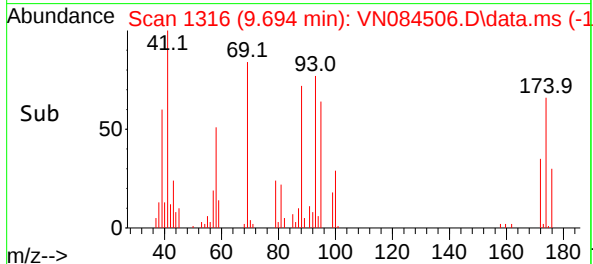


#45
1,4-Dioxane
Concen: 354.009 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

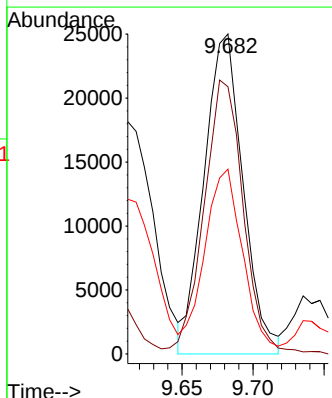
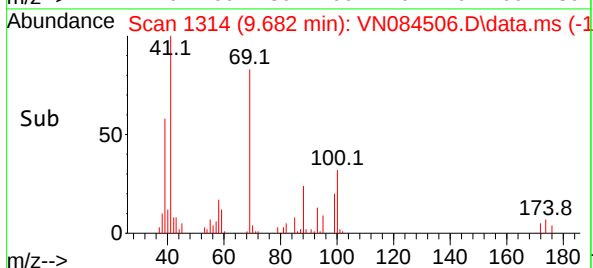
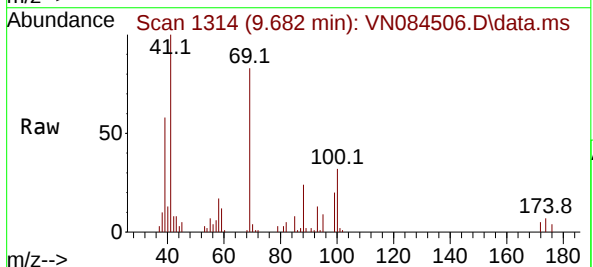


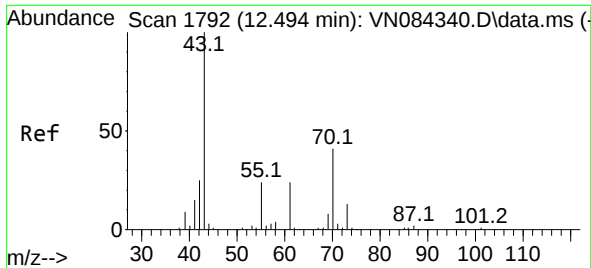
Tgt Ion: 88 Resp: 17576
Ion Ratio Lower Upper
88 100
43 30.1 22.4 33.6
58 74.1 59.7 89.5



#46
Methyl methacrylate
Concen: 17.961 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 41 Resp: 47794
Ion Ratio Lower Upper
41 100
69 86.4 42.6 128.0
39 58.5 27.5 82.4

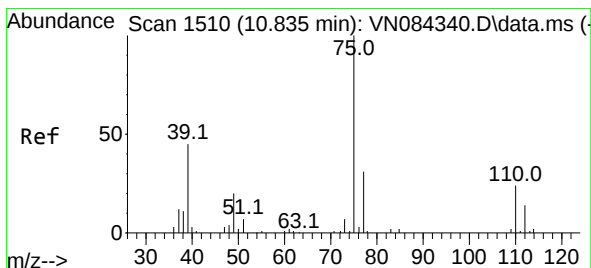
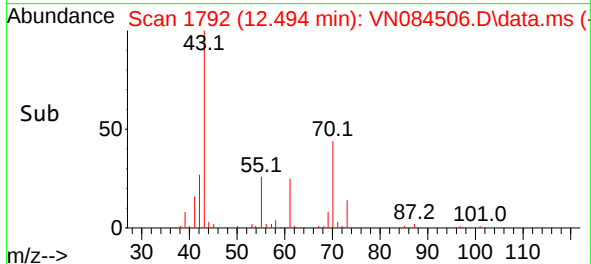
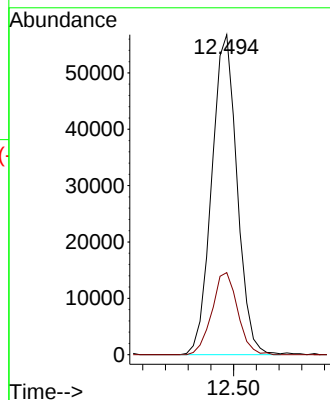
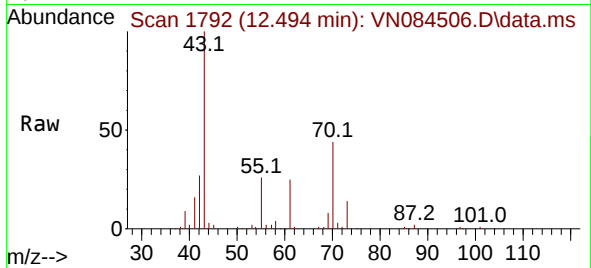




#47
n-amyl acetate
Concen: 17.937 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

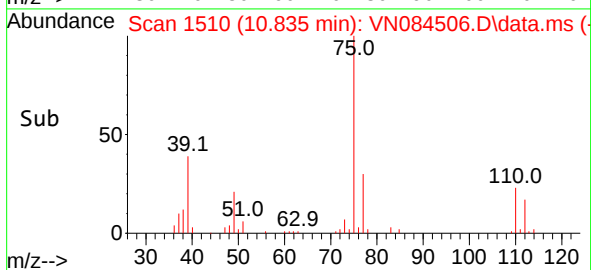
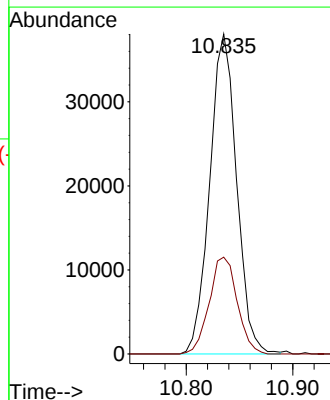
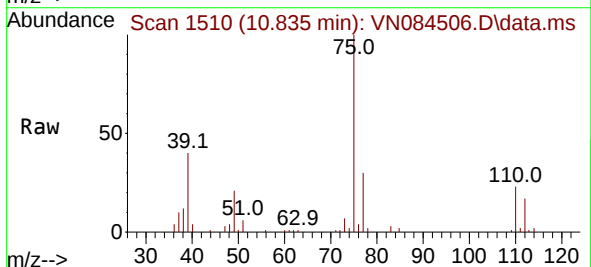
Instrument :
MSVOA_N
ClientSampleId :

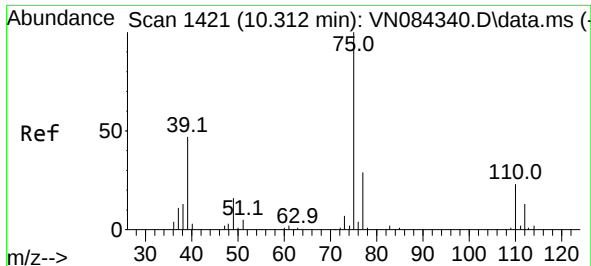
Tgt Ion: 43 Resp: 87873
Ion Ratio Lower Upper
43 100
55 26.0 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 17.805 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 75 Resp: 66779
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0

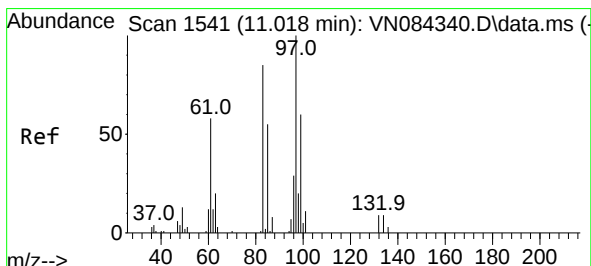
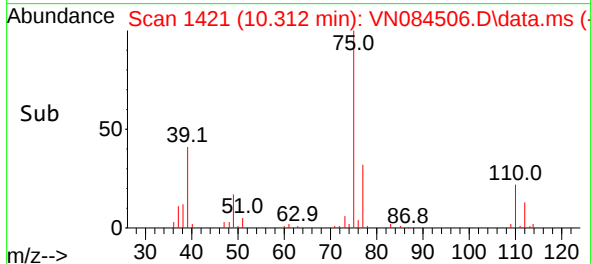
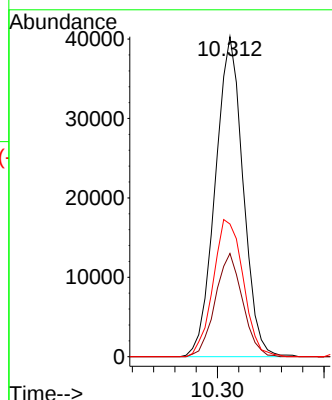
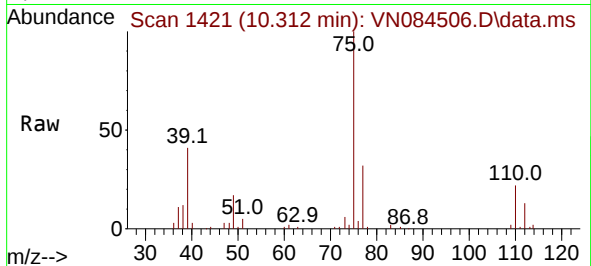




#49
 cis-1,3-Dichloropropene
 Concen: 18.565 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

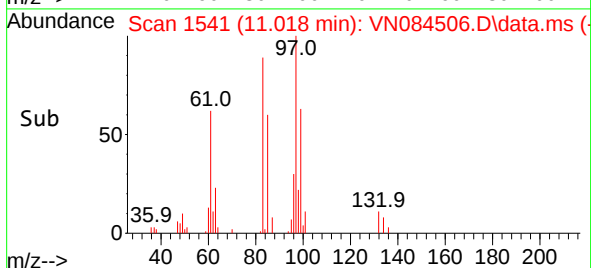
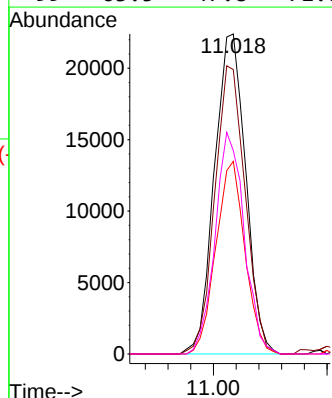
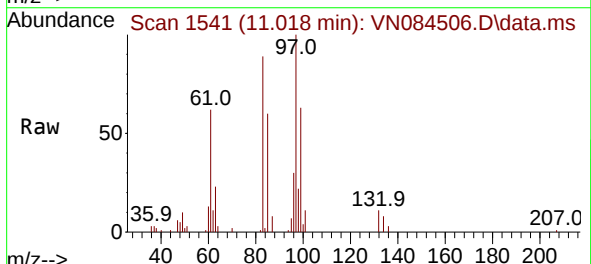
Instrument :
 MSVOA_N
 ClientSampleId :

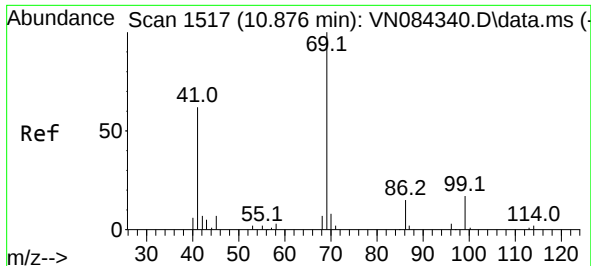
Tgt Ion:	75	Resp:	72971
Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.9	34.3
39	41.5	37.4	56.2



#50
 1,1,2-Trichloroethane
 Concen: 18.584 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

Tgt Ion:	97	Resp:	42706
Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.8	101.8
85	60.2	44.2	66.2
99	63.5	47.8	71.8

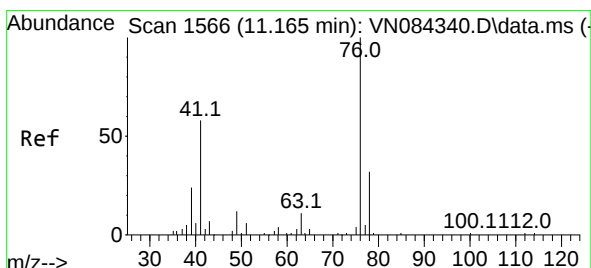
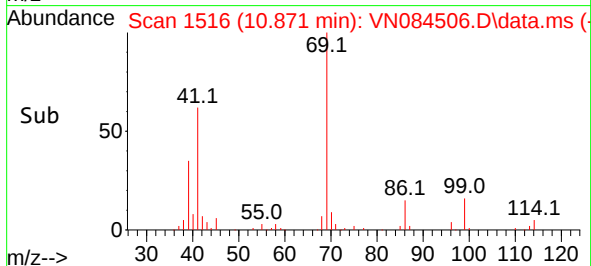
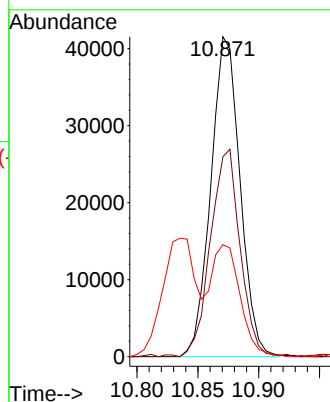
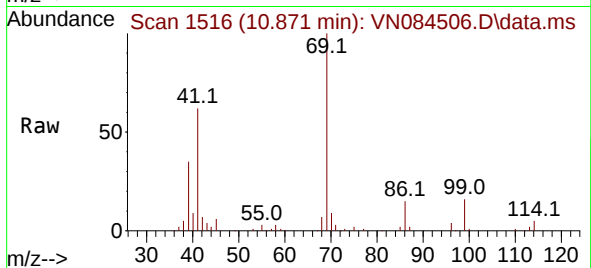




#51
Ethyl methacrylate
Concen: 18.314 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

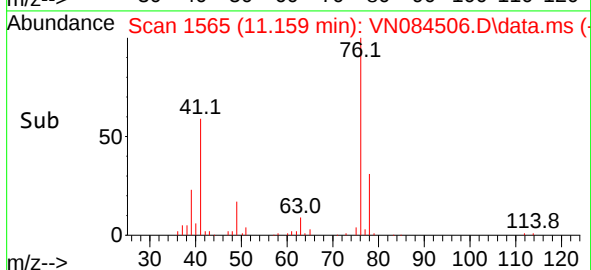
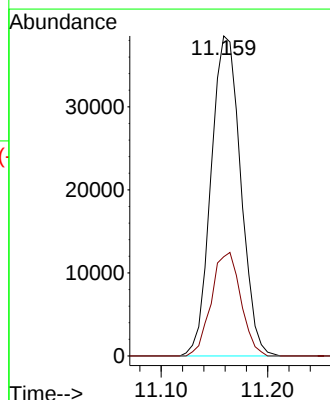
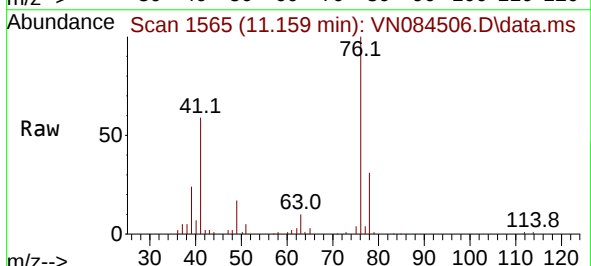
Instrument :
MSVOA_N
ClientSampleId :

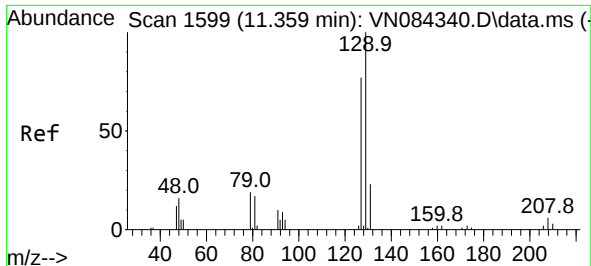
Tgt Ion: 69 Resp: 69514
Ion Ratio Lower Upper
69 100
41 62.5 30.9 92.7
39 34.5 16.6 49.7



#52
1,3-Dichloropropane
Concen: 18.534 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 76 Resp: 74470
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2

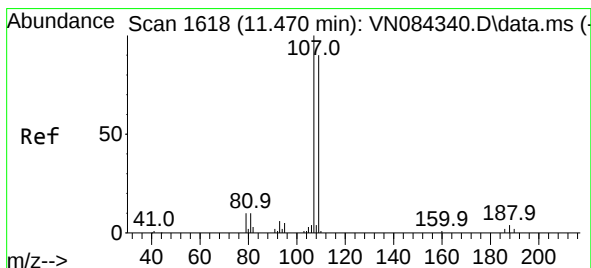
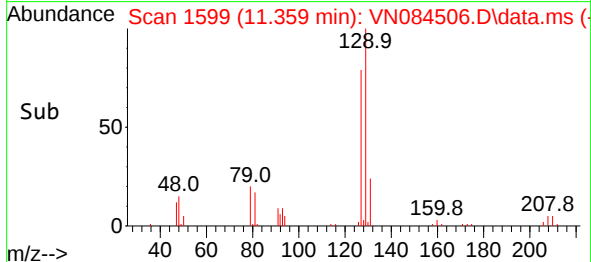
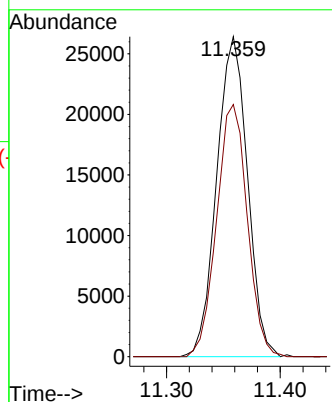
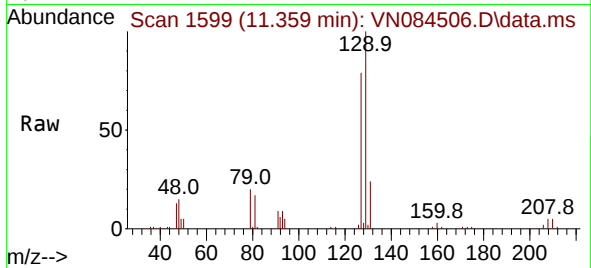




#53
Dibromochloromethane
Concen: 18.294 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

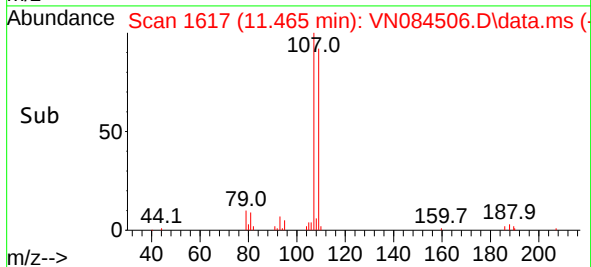
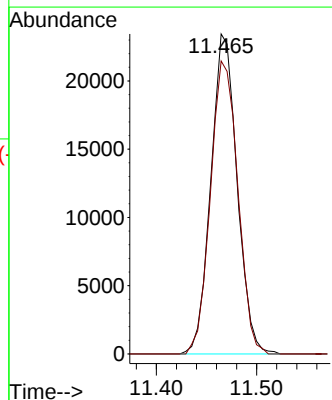
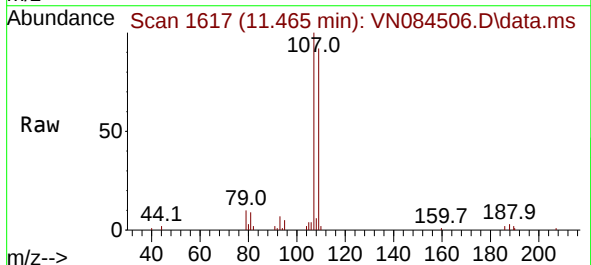
Instrument :
MSVOA_N
ClientSampleId :

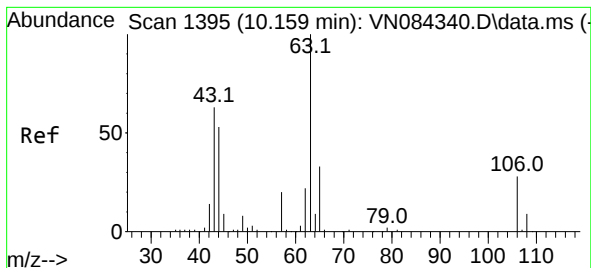
Tgt Ion:129 Resp: 49660
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5



#54
1,2-Dibromoethane
Concen: 17.974 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion:107 Resp: 42517
Ion Ratio Lower Upper
107 100
109 95.5 73.8 110.6

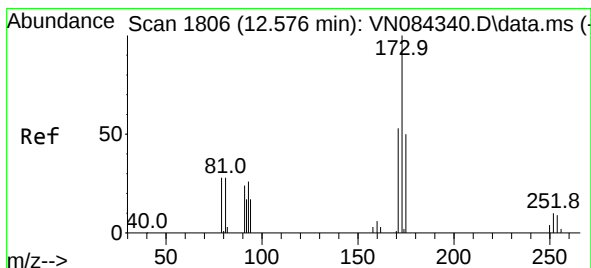
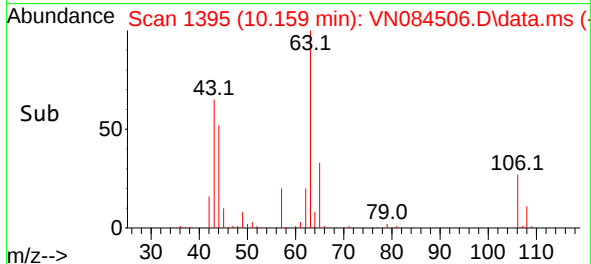
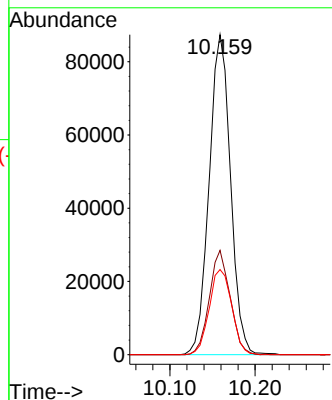
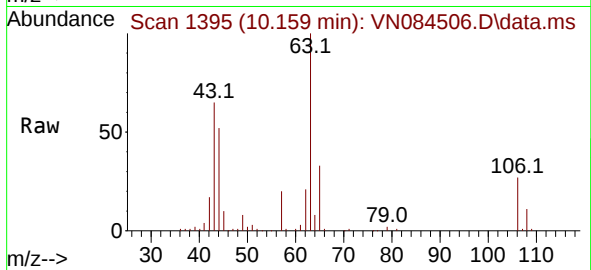




#55
2-Chloroethyl vinyl ether
Concen: 88.579 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

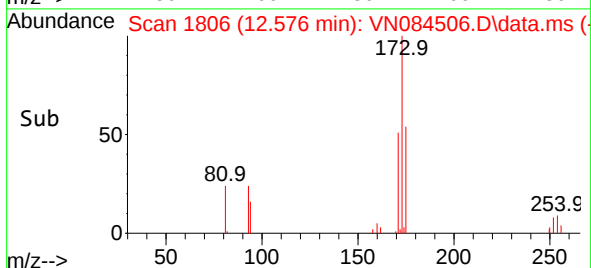
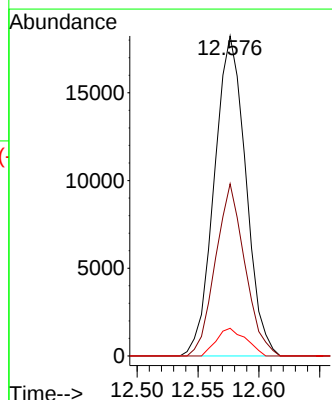
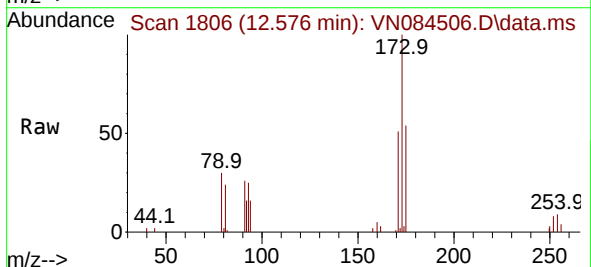
Instrument :
MSVOA_N
ClientSampleId :

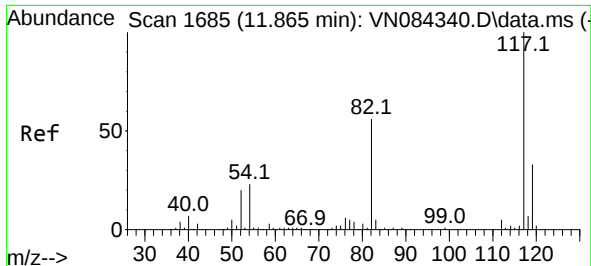
Tgt Ion: 63 Resp: 152493
Ion Ratio Lower Upper
63 100
65 31.6 25.6 38.4
106 28.0 21.6 32.4



#56
Bromoform
Concen: 18.203 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 173 Resp: 32774
Ion Ratio Lower Upper
173 100
175 50.5 39.4 59.2
254 8.1 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

ClientSampleId :

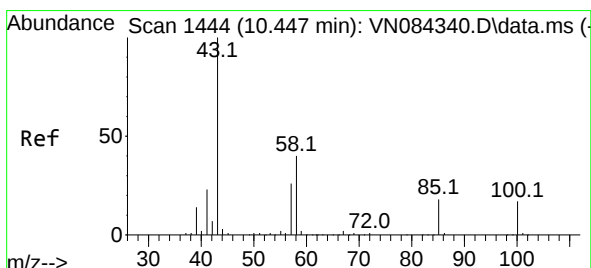
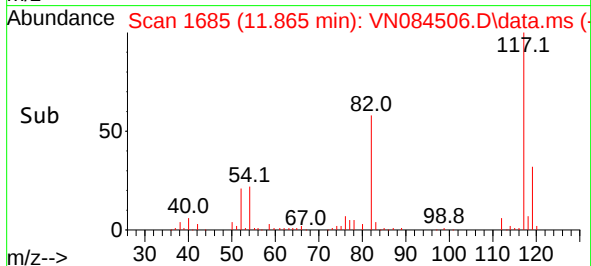
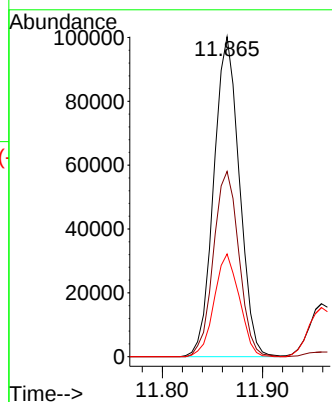
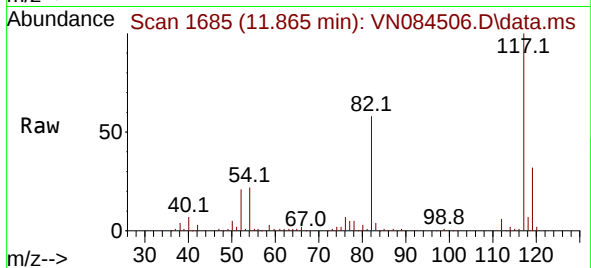
Tgt Ion:117 Resp: 177752

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

119 31.6 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 95.920 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

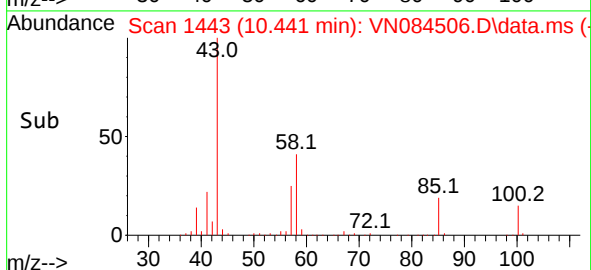
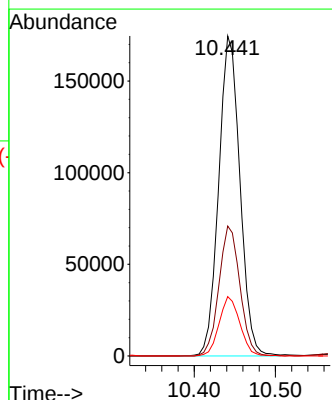
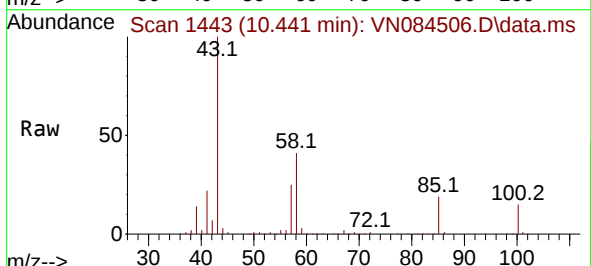
Tgt Ion: 43 Resp: 317615

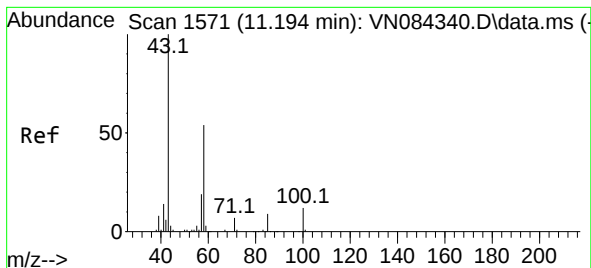
Ion Ratio Lower Upper

43 100

58 40.1 31.9 47.9

85 18.1 14.6 22.0

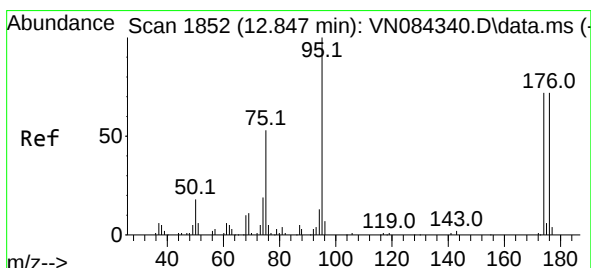
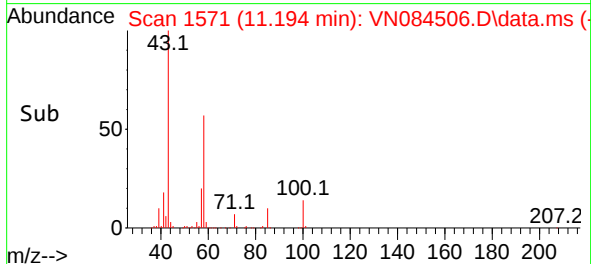
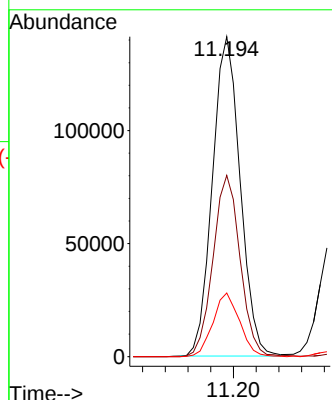
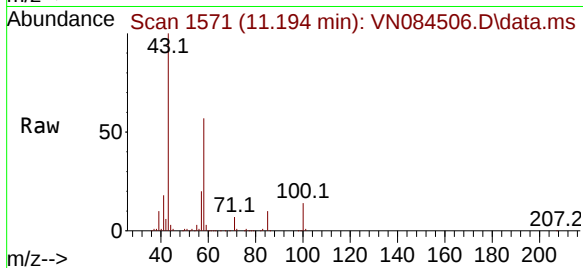




#59
2-Hexanone
Concen: 97.299 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

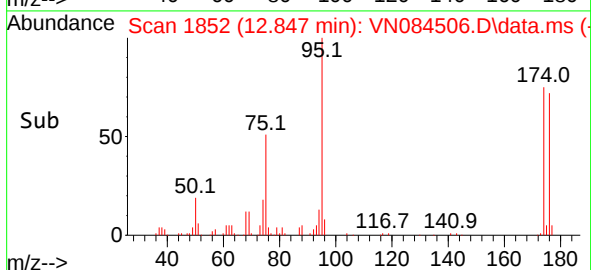
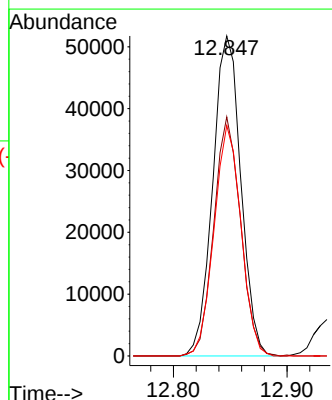
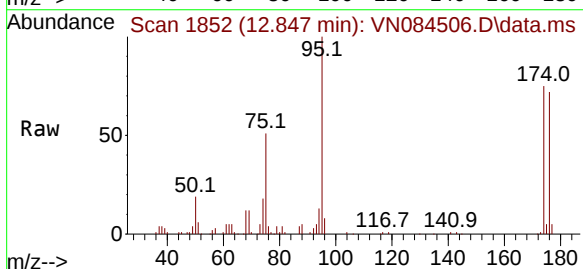
Instrument :
MSVOA_N
ClientSampleId :

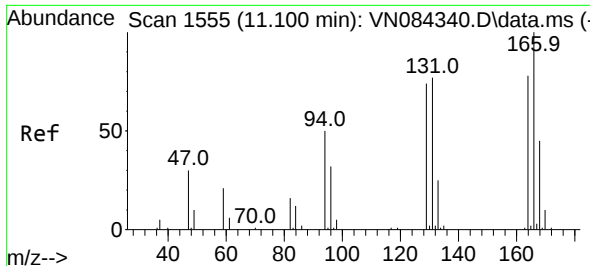
Tgt Ion: 43 Resp: 239404
Ion Ratio Lower Upper
43 100
58 55.4 44.0 66.0
57 19.2 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.291 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

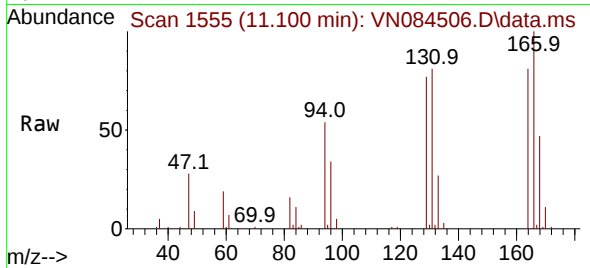
Tgt Ion: 95 Resp: 88864
Ion Ratio Lower Upper
95 100
174 71.0 58.2 87.2
176 69.4 56.4 84.6



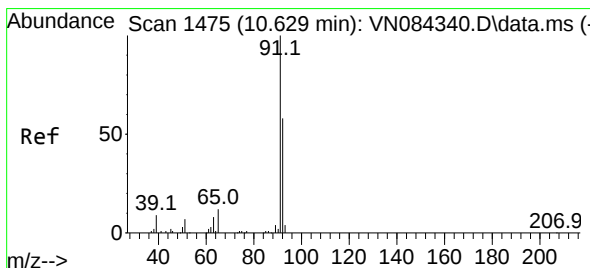
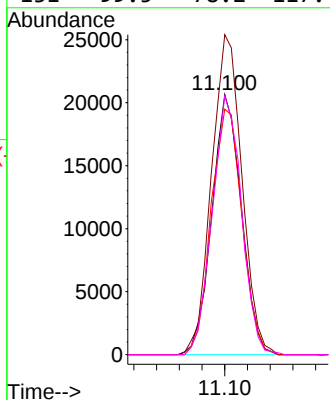
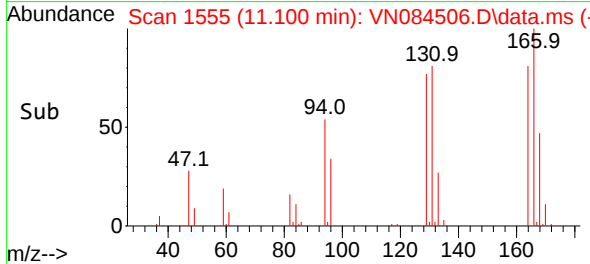


#61
Tetrachloroethene
Concen: 18.541 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

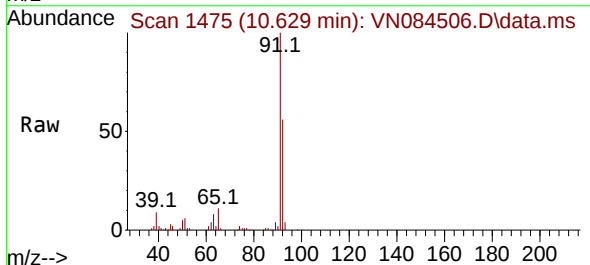
Instrument :
MSVOA_N
ClientSampleId :



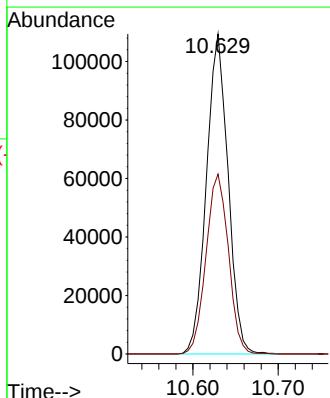
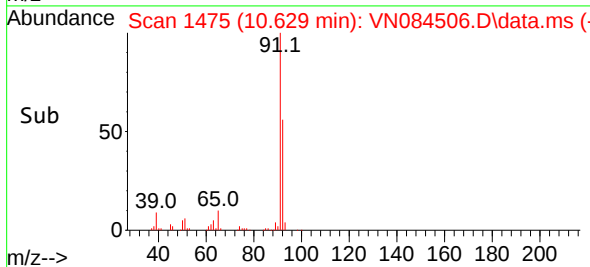
Tgt Ion:164 Resp: 37279
Ion Ratio Lower Upper
164 100
166 123.0 102.5 153.7
129 94.4 75.7 113.5
131 99.5 78.2 117.4

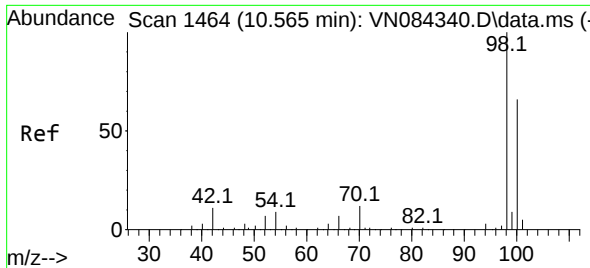


#62
Toluene
Concen: 18.564 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04



Tgt Ion: 91 Resp: 193173
Ion Ratio Lower Upper
91 100
92 58.0 47.2 70.8

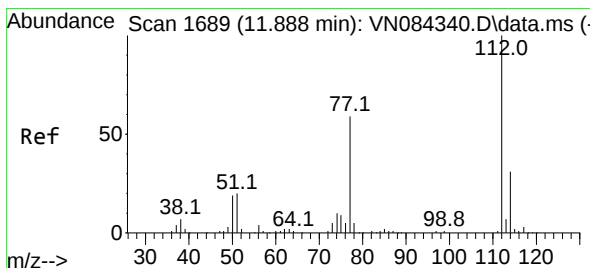
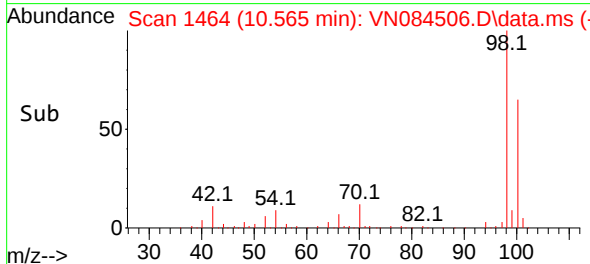
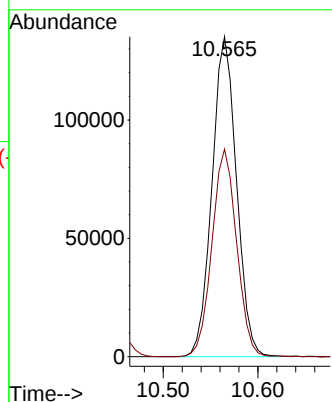
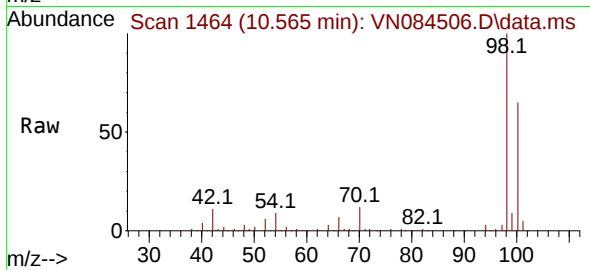




#63
Toluene-d8
Concen: 29.532 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

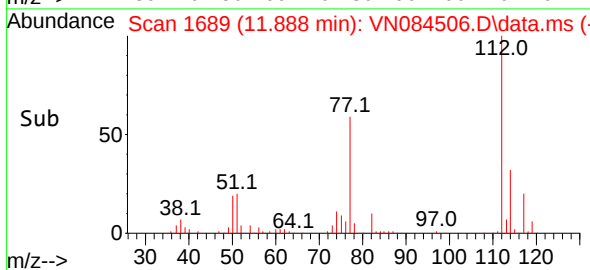
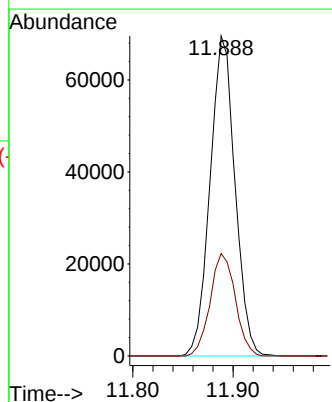
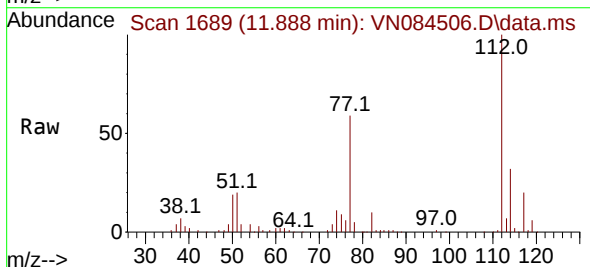
Instrument :
MSVOA_N
ClientSampleId :

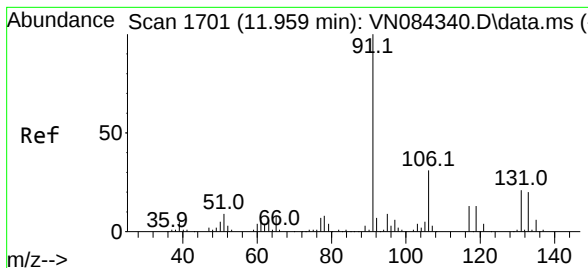
Tgt Ion: 98 Resp: 243186
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#64
Chlorobenzene
Concen: 18.532 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 112 Resp: 120005
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

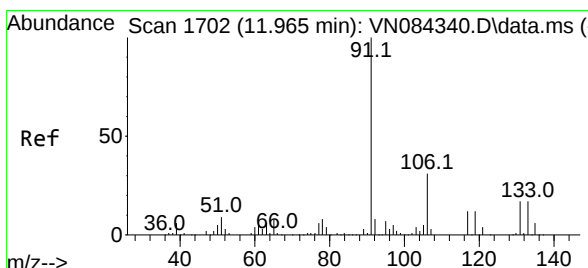
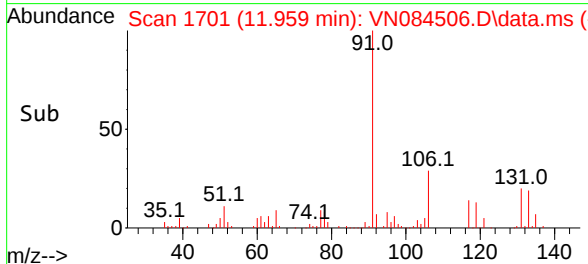
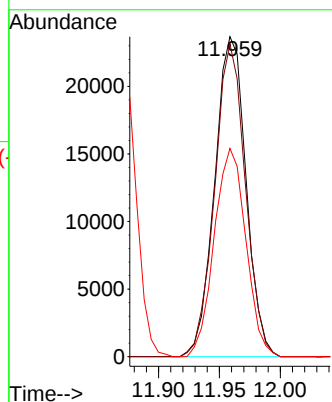
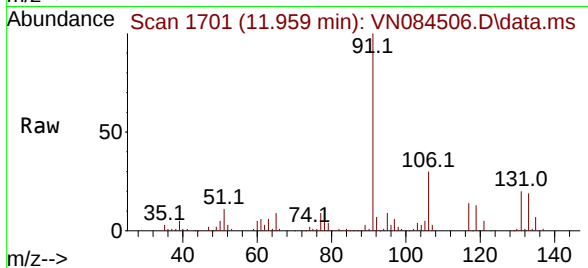




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.860 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

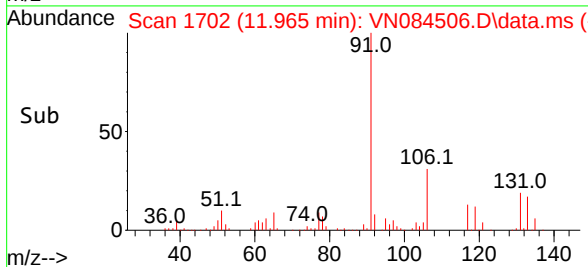
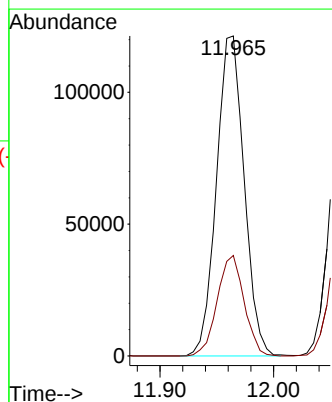
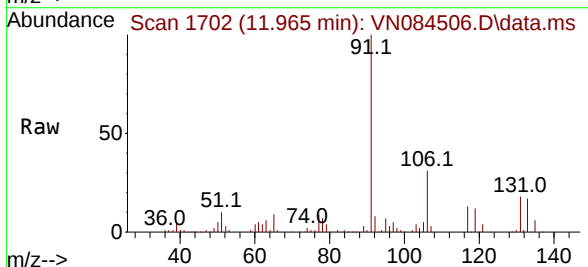
Instrument :
 MSVOA_N
 ClientSampleId :

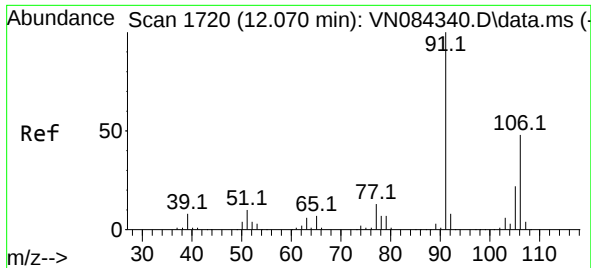
Tgt Ion:131 Resp: 42428
 Ion Ratio Lower Upper
 131 100
 133 95.8 0.0 190.4
 119 65.7 0.0 130.0



#66
 Ethyl Benzene
 Concen: 18.185 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

Tgt Ion: 91 Resp: 205594
 Ion Ratio Lower Upper
 91 100
 106 31.4 25.2 37.8

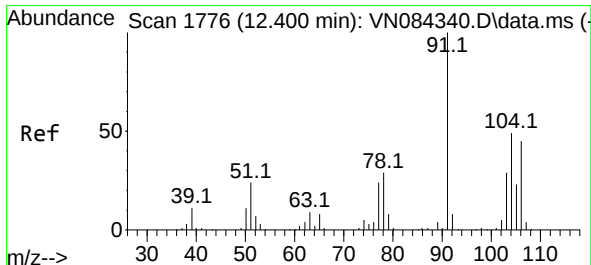
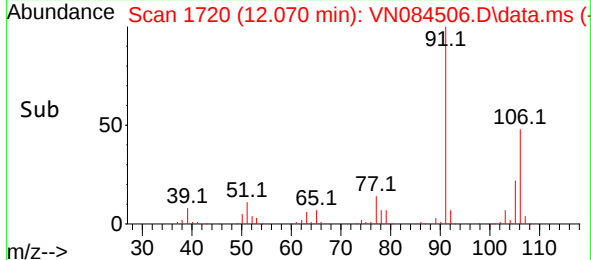
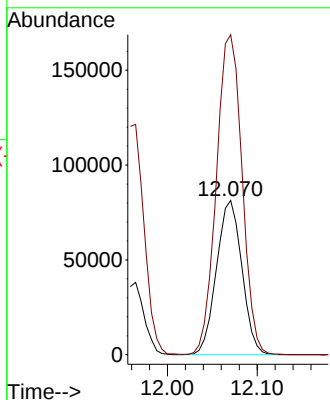
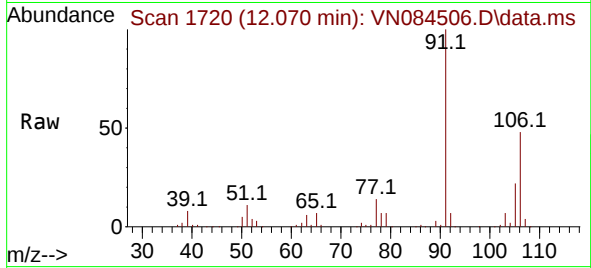




#67
m/p-Xylenes
Concen: 37.286 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

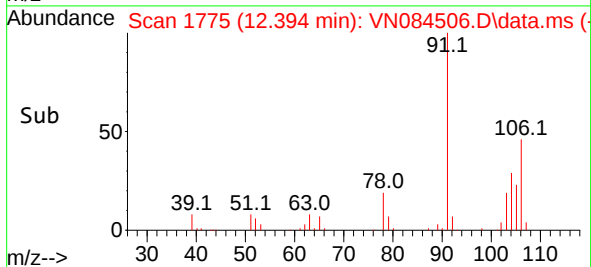
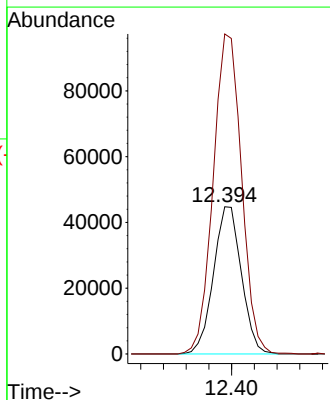
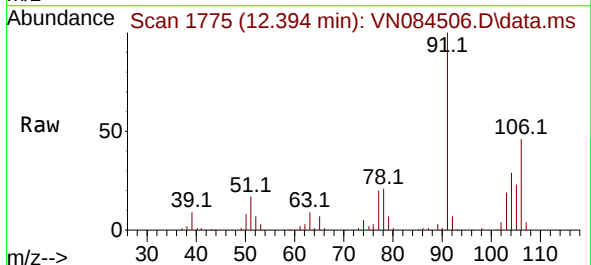
Instrument :
MSVOA_N
ClientSampleId :

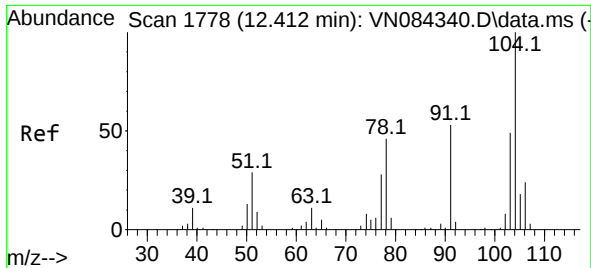
Tgt Ion:106 Resp: 159912
Ion Ratio Lower Upper
106 100
91 209.4 166.7 250.1



#68
o-Xylene
Concen: 18.463 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

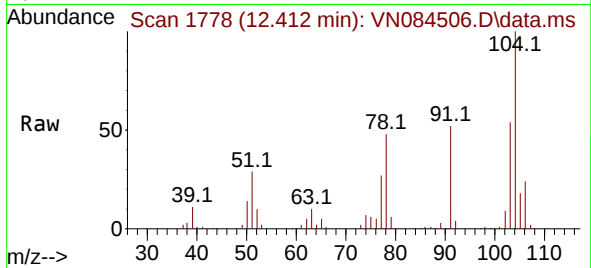
Tgt Ion:106 Resp: 76327
Ion Ratio Lower Upper
106 100
91 220.7 110.9 332.9



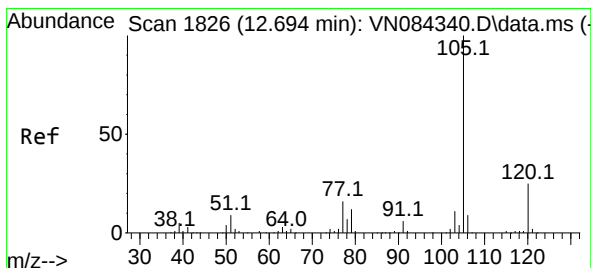
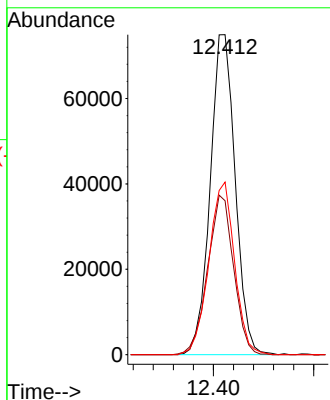
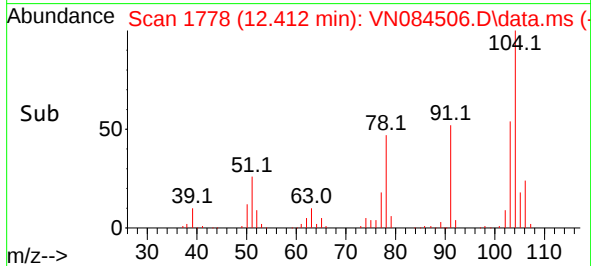


#69
Styrene
Concen: 18.321 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

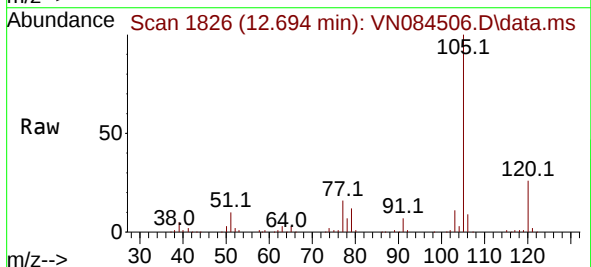
Instrument :
MSVOA_N
ClientSampleId :



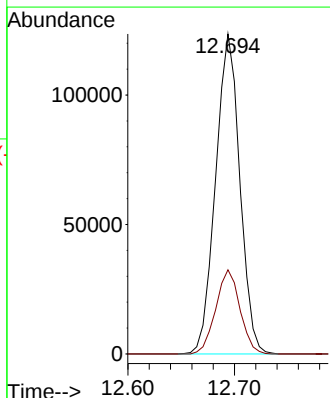
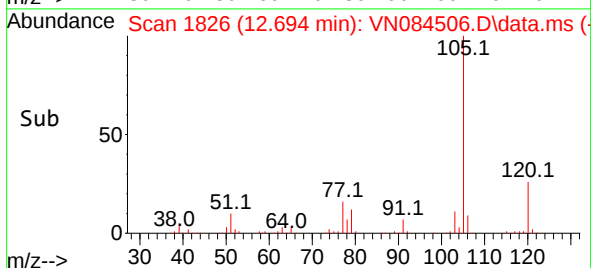
Tgt Ion:104 Resp: 130016
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 55.4 44.4 66.6

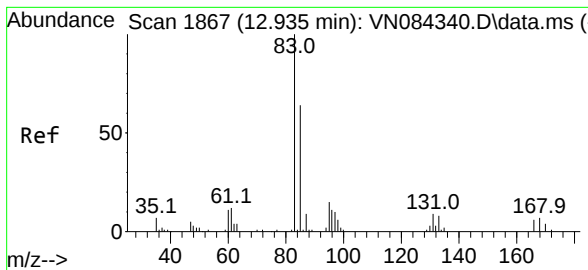


#70
Isopropylbenzene
Concen: 18.487 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04



Tgt Ion:105 Resp: 195104
Ion Ratio Lower Upper
105 100
120 26.2 17.4 32.4

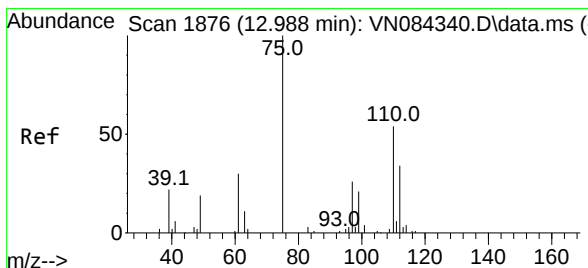
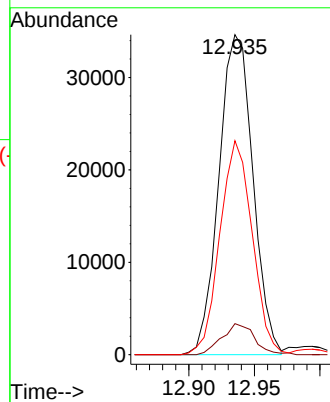
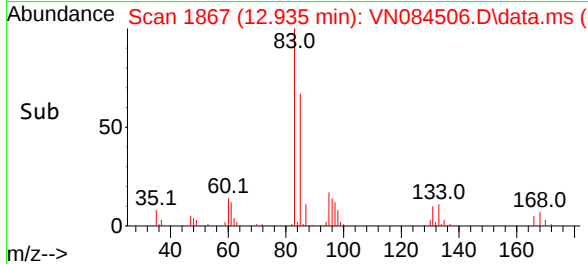
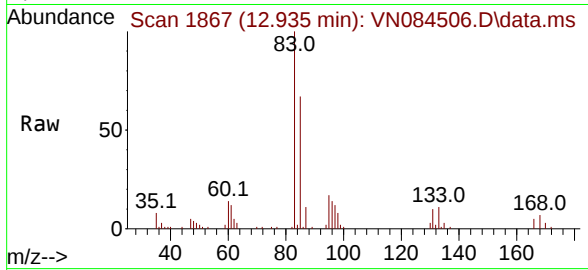




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.140 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

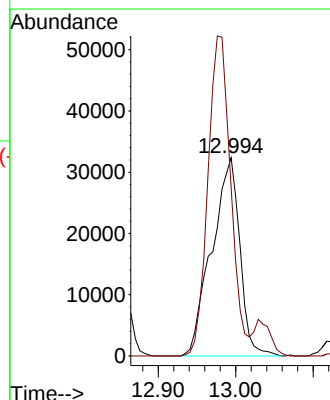
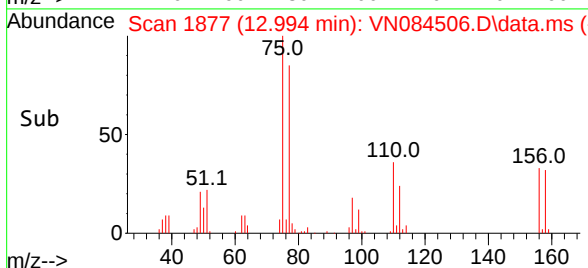
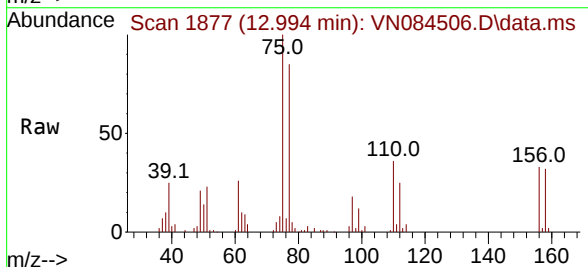
Instrument :
 MSVOA_N
 ClientSampleId :

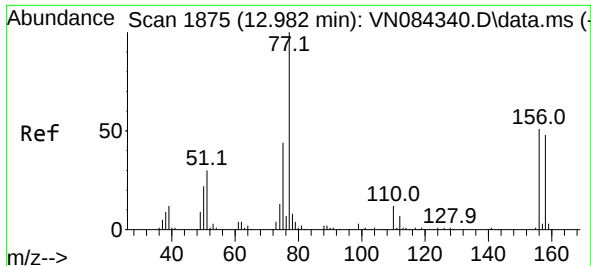
Tgt Ion: 83 Resp: 62486
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 63.6 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 29.108 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

Tgt Ion: 75 Resp: 81385
 Ion Ratio Lower Upper
 75 100
 77 131.4 0.0 414.0

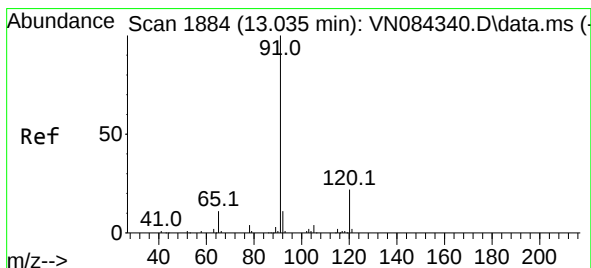
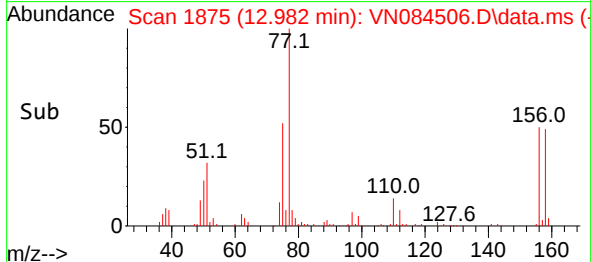
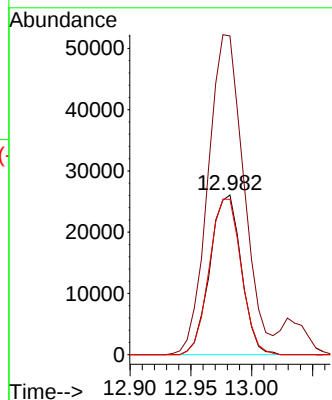
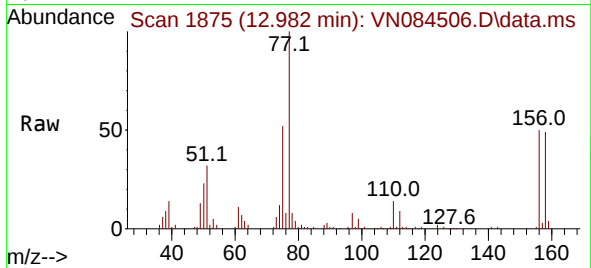




#73
Bromobenzene
Concen: 18.224 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

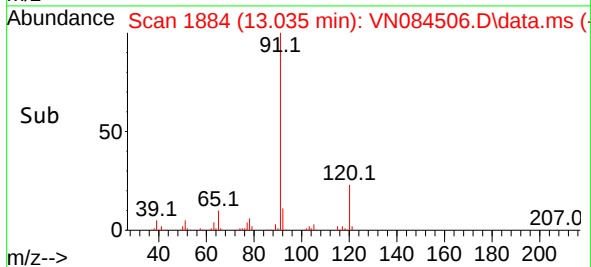
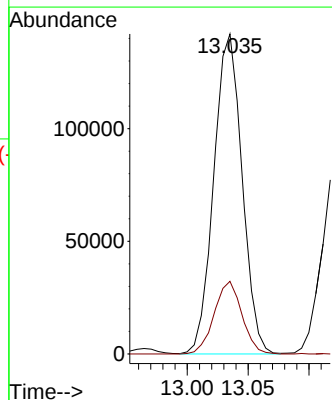
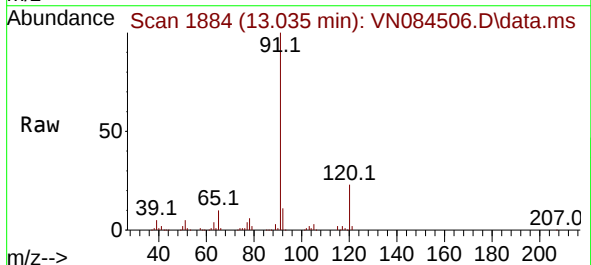
Instrument :
MSVOA_N
ClientSampleId :

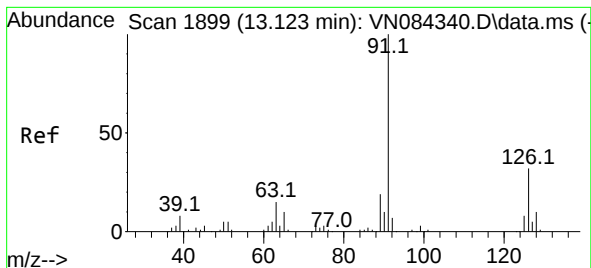
Tgt Ion:156 Resp: 46579
Ion Ratio Lower Upper
156 100
77 229.5 0.0 451.0
158 99.6 0.0 194.6



#74
n-propylbenzene
Concen: 18.253 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 91 Resp: 229550
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.2

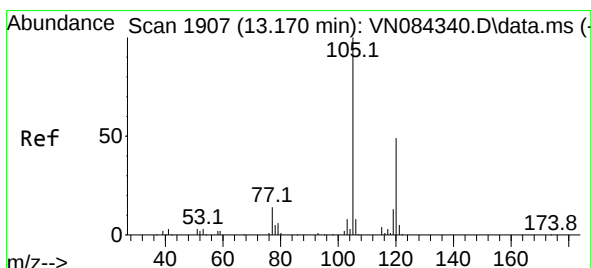
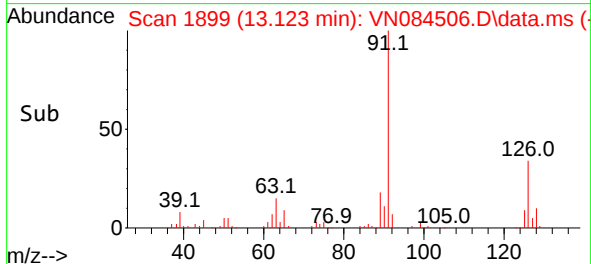
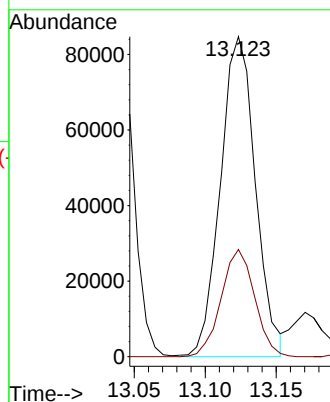
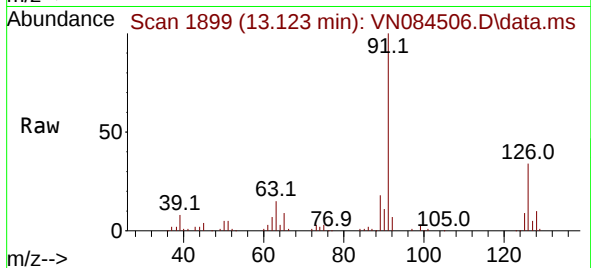




#75
2-Chlorotoluene
Concen: 18.580 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

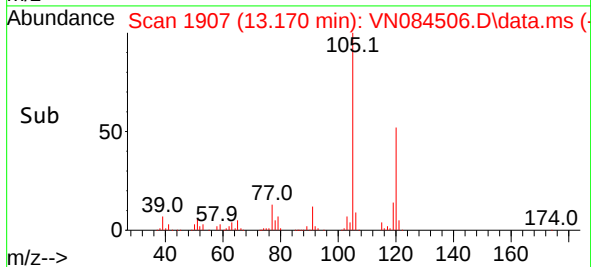
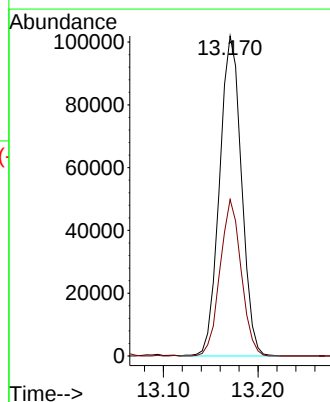
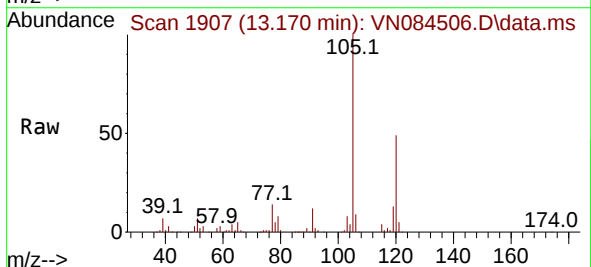
Instrument :
MSVOA_N
ClientSampleId :

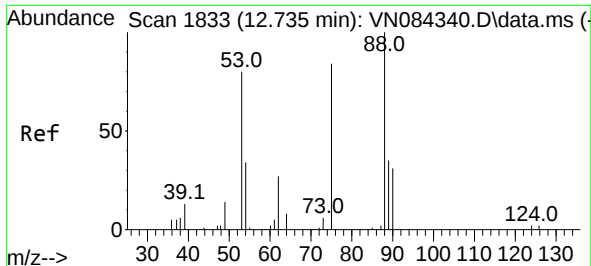
Tgt Ion: 91 Resp: 145197
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 18.518 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion:105 Resp: 164553
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4

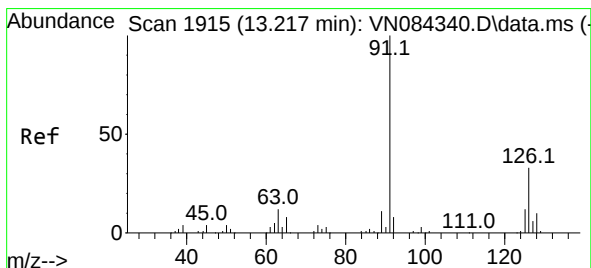
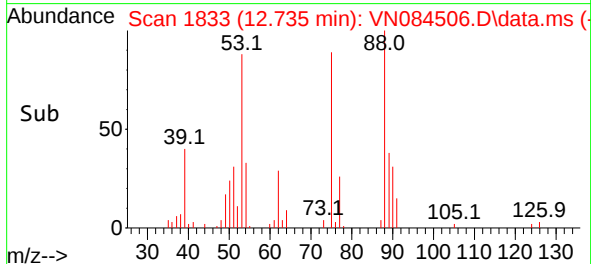
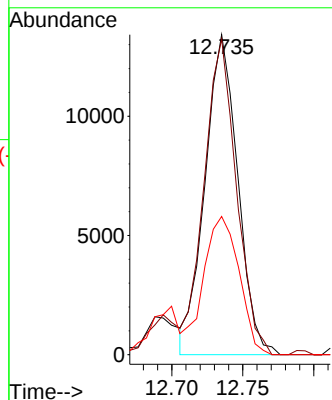
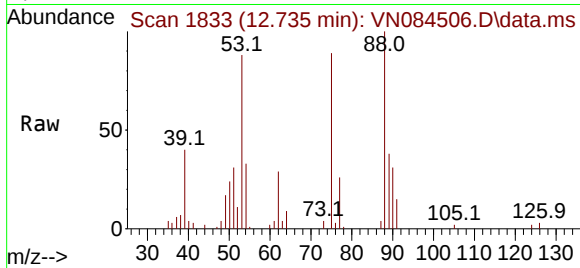




#77
t-1,4-Dichloro-2-butene
Concen: 18.017 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

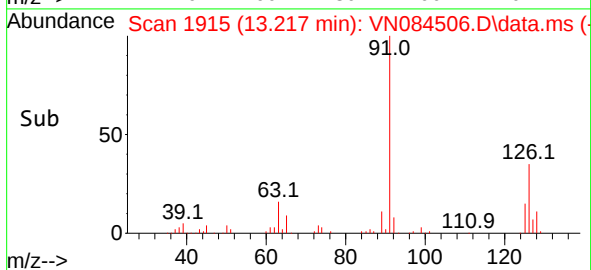
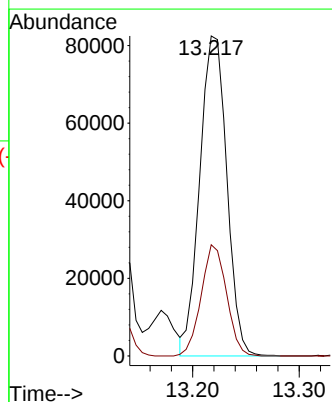
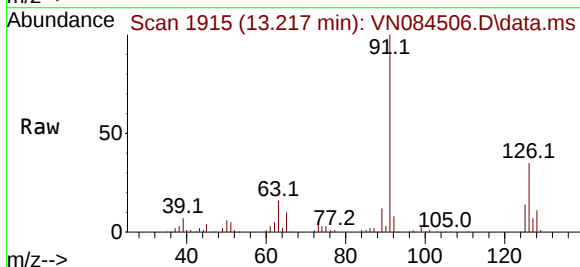
Instrument :
MSVOA_N
ClientSampleId :

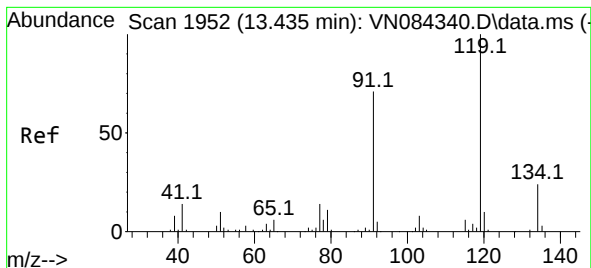
Tgt Ion: 75 Resp: 21527
Ion Ratio Lower Upper
75 100
53 98.7 47.3 142.0
89 43.2 22.9 68.8



#78
4-Chlorotoluene
Concen: 18.332 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion: 91 Resp: 145653
Ion Ratio Lower Upper
91 100
126 32.6 0.0 62.4

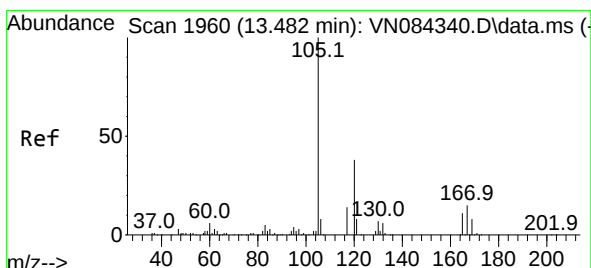
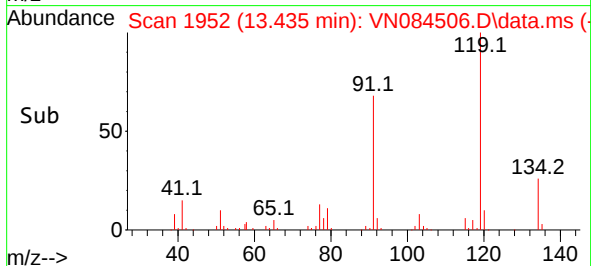
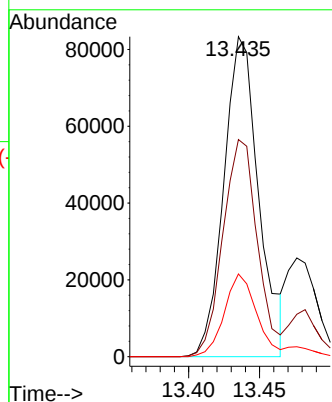
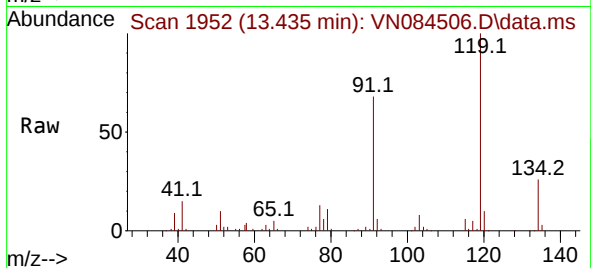




#79
tert-butylbenzene
Concen: 18.822 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

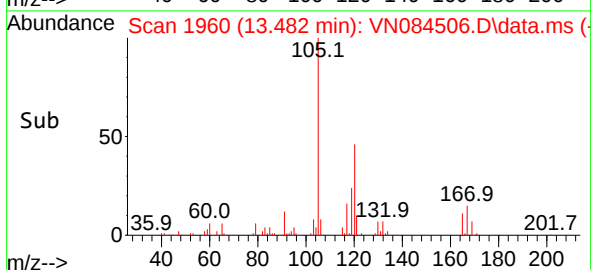
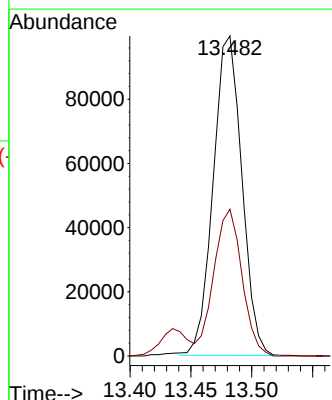
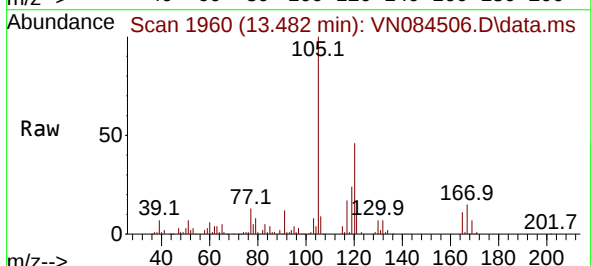
Instrument :
MSVOA_N
ClientSampleId :

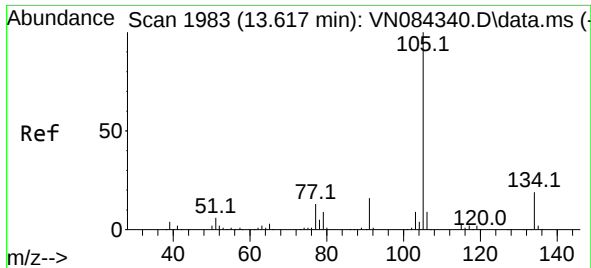
Tgt Ion:119 Resp: 142685
Ion Ratio Lower Upper
119 100
91 67.1 0.0 138.0
134 23.8 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.059 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion:105 Resp: 162818
Ion Ratio Lower Upper
105 100
120 45.2 0.0 88.8

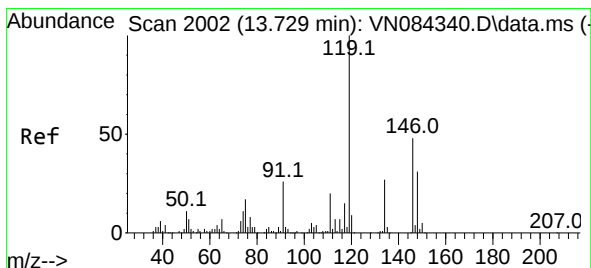
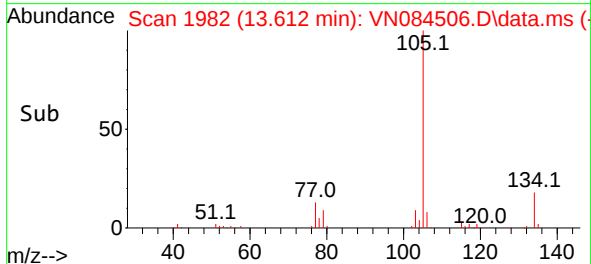
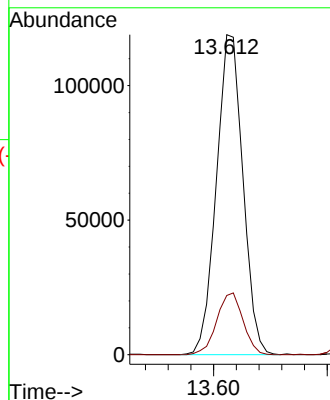
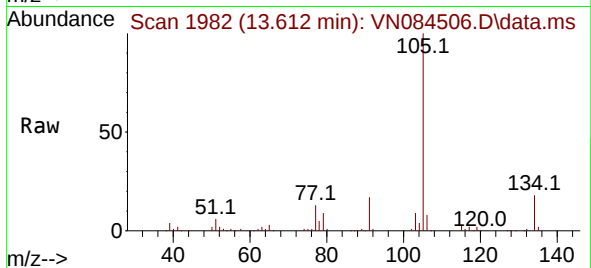




#81
 sec-Butylbenzene
 Concen: 18.474 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

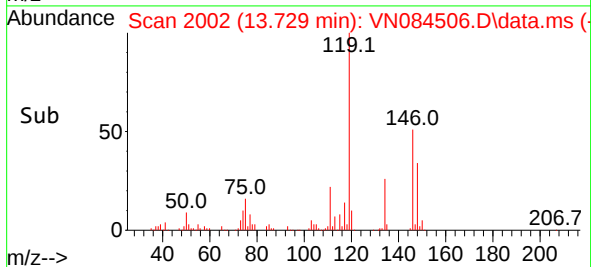
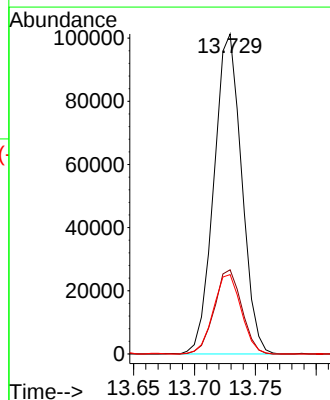
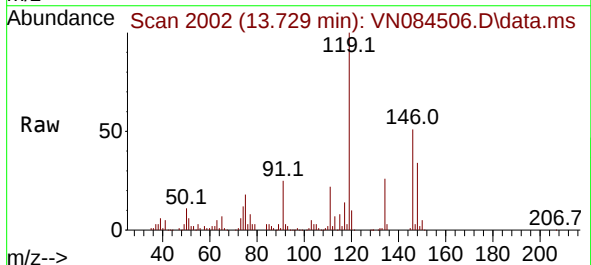
Instrument :
 MSVOA_N
 ClientSampleId :

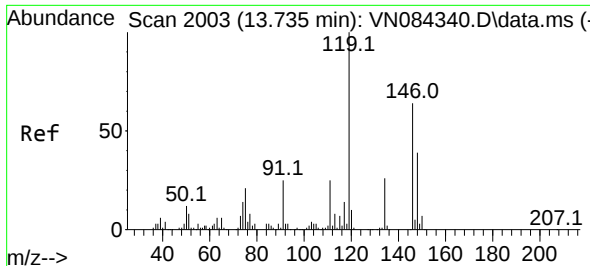
Tgt Ion:105 Resp: 192819
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 18.252 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

Tgt Ion:119 Resp: 160343
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 50.2
 91 25.0 0.0 50.6

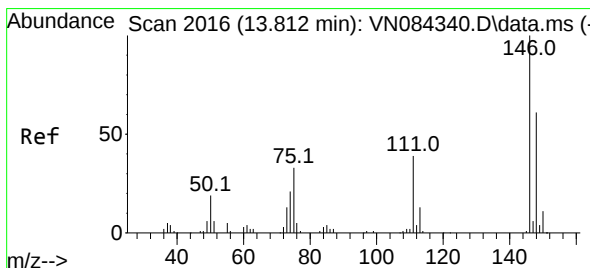
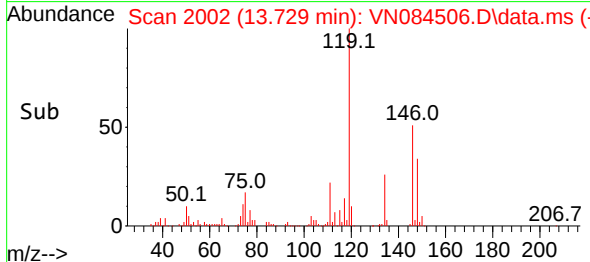
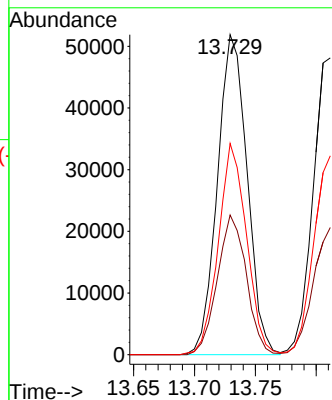
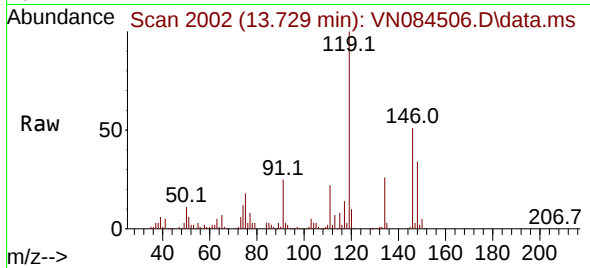




#83
 1,3-Dichlorobenzene
 Concen: 18.496 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

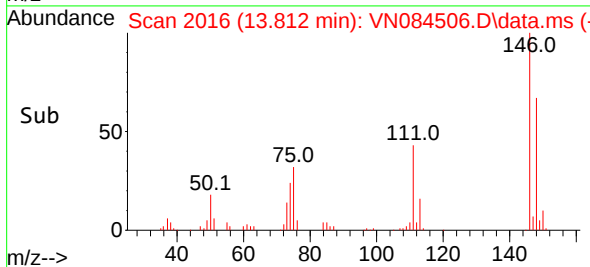
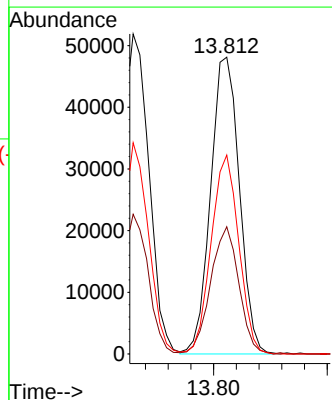
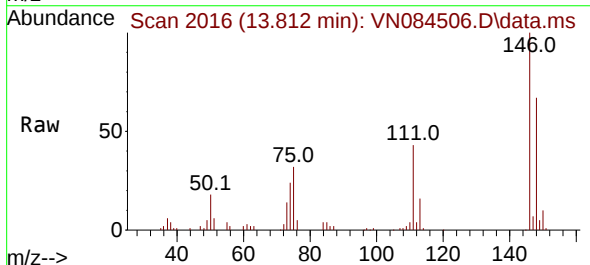
Instrument :
 MSVOA_N
 ClientSampleId :

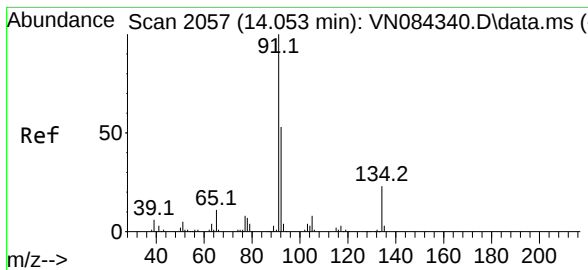
Tgt Ion:146 Resp: 87899
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.6 61.9
 148 62.9 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 17.962 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084506.D
 Acq: 25 Oct 2024 11:04

Tgt Ion:146 Resp: 84764
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.5
 148 64.3 32.5 97.4





#85

n-Butylbenzene

Concen: 17.435 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084506.D

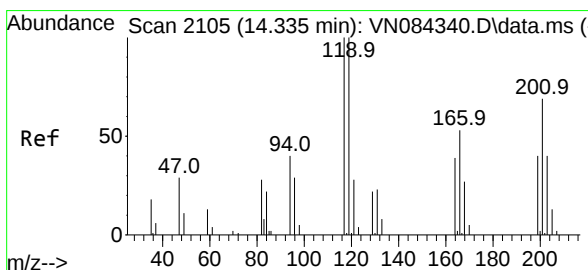
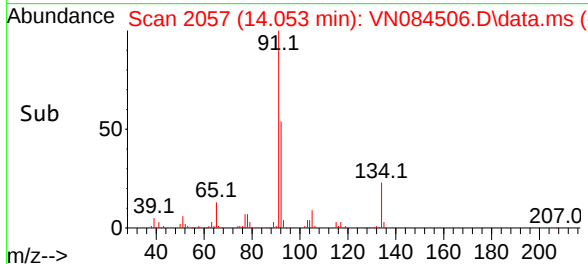
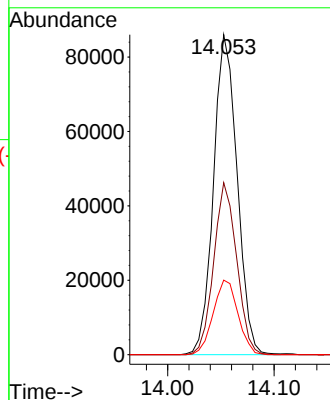
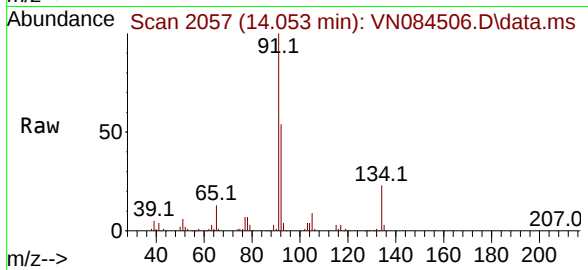
Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	132654
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	103.4
134	24.4	0.0	48.0



#86

Hexachloroethane

Concen: 17.647 ug/l

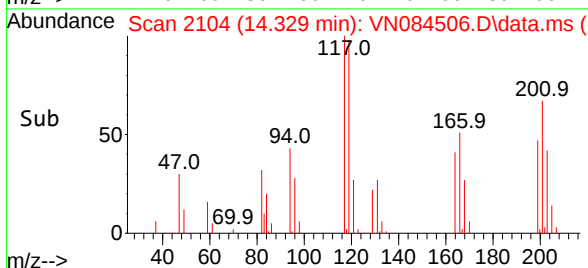
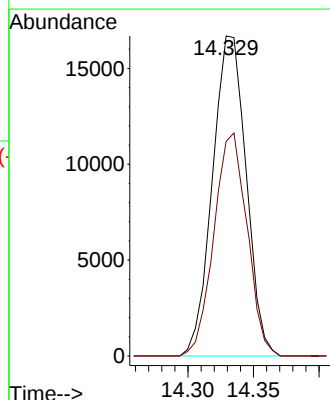
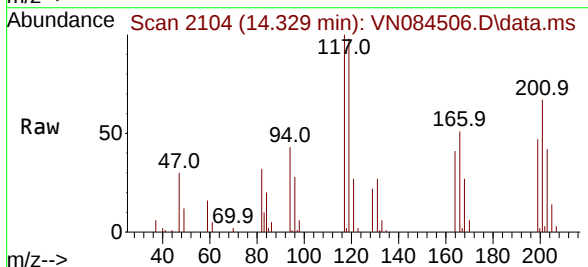
RT: 14.329 min Scan# 2104

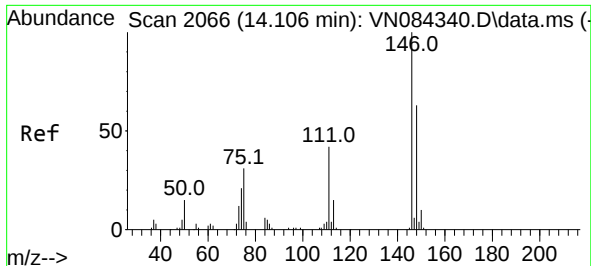
Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Tgt Ion:	117	Resp:	29867
Ion	Ratio	Lower	Upper
117	100		
201	68.5	33.9	101.6





#87

1,2-Dichlorobenzene

Concen: 18.350 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084506.D

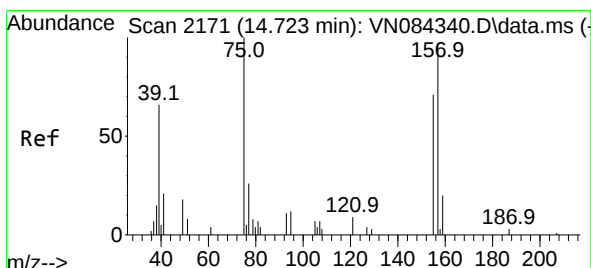
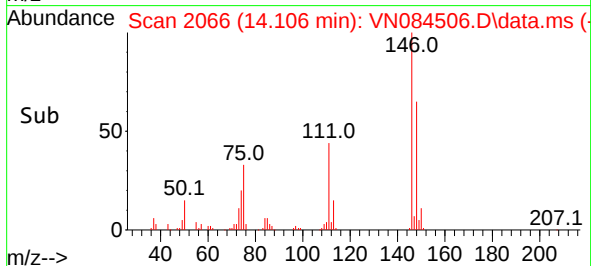
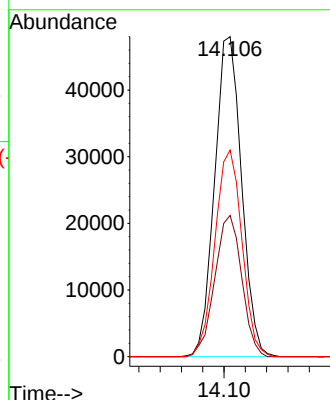
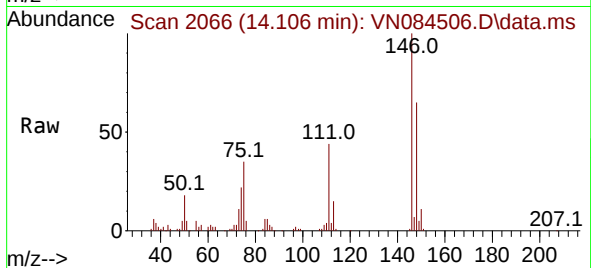
Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	84315
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.9	65.5
148	64.7	31.1	93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.033 ug/l

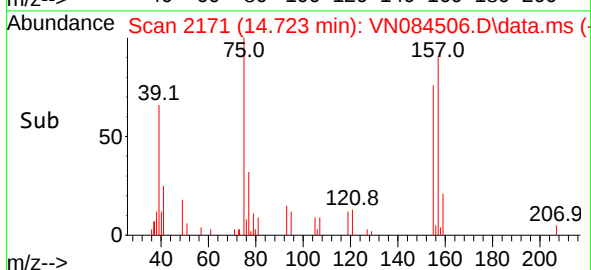
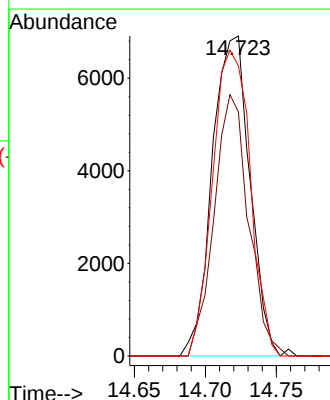
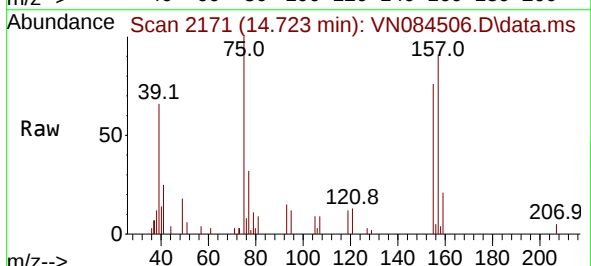
RT: 14.723 min Scan# 2171

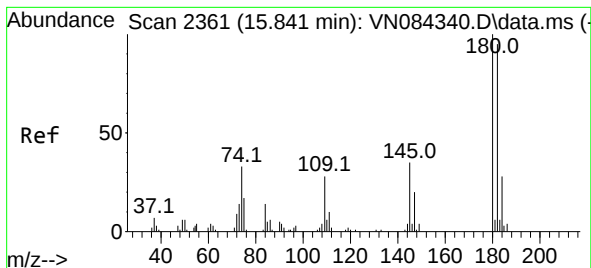
Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Tgt Ion:	75	Resp:	12707
Ion Ratio	Lower	Upper	
75	100		
155	75.0	61.8	92.8
157	96.0	77.4	116.0





#89

1,2,4-Trichlorobenzene

Concen: 17.602 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

Instrument :

MSVOA_N

ClientSampleId :

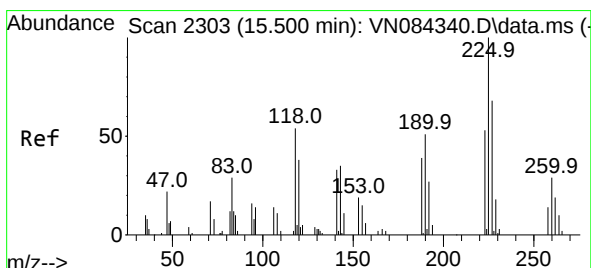
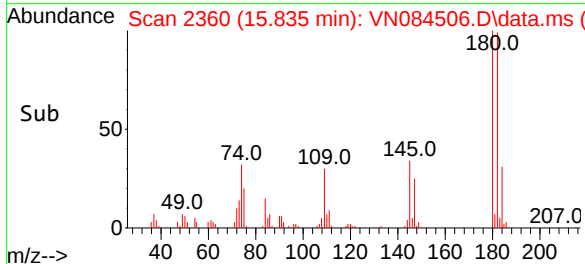
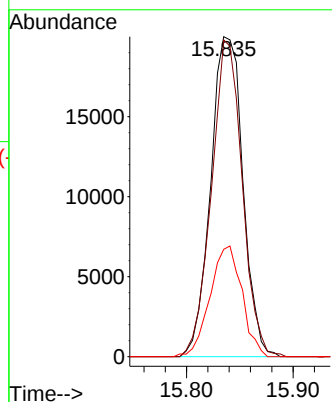
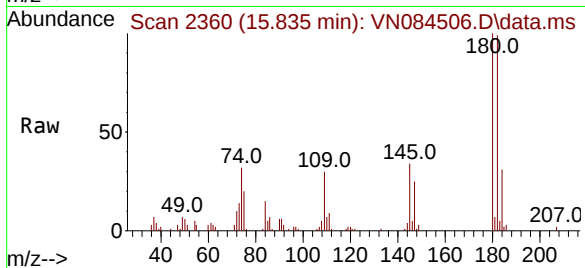
Tgt Ion:180 Resp: 42050

Ion Ratio Lower Upper

180 100

182 94.1 77.8 116.6

145 34.2 28.9 43.3



#90

Hexachlorobutadiene

Concen: 17.598 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084506.D

Acq: 25 Oct 2024 11:04

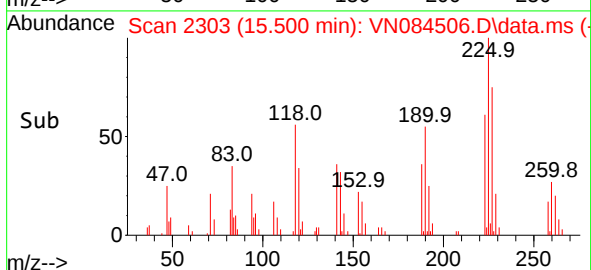
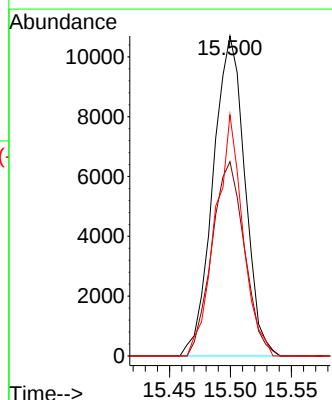
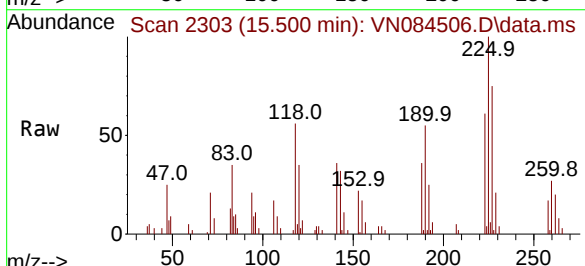
Tgt Ion:225 Resp: 19449

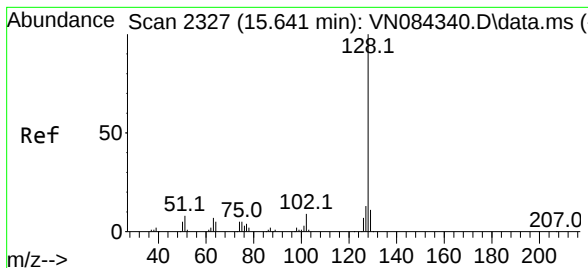
Ion Ratio Lower Upper

225 100

223 62.3 0.0 124.0

227 65.6 0.0 130.8

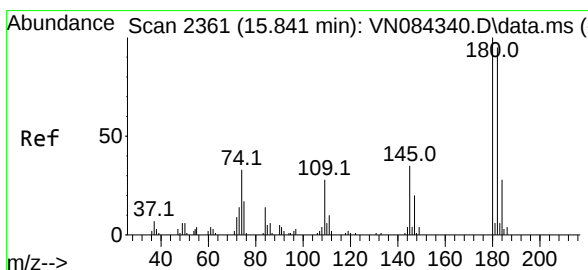
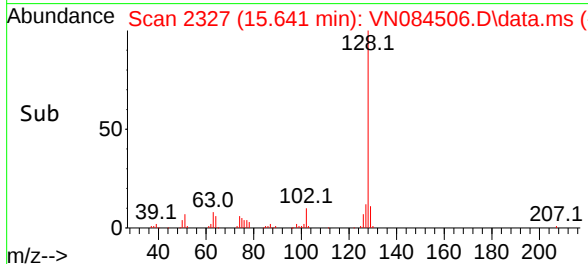
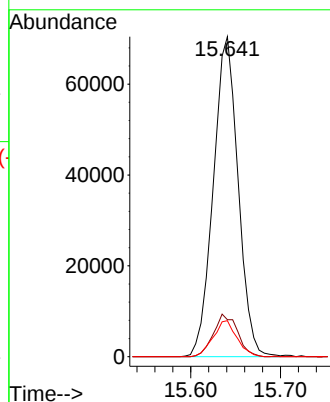
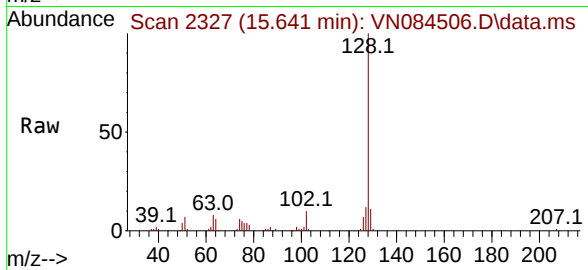




#91
Naphthalene
Concen: 16.711 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 135282
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 17.602 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084506.D
Acq: 25 Oct 2024 11:04

Tgt Ion:180 Resp: 42050
Ion Ratio Lower Upper
180 100
182 94.1 0.0 194.4
145 34.2 0.0 72.2

