

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084421.D
 Acq On : 18 Oct 2024 11:09
 Operator : JC\MD
 Sample : VN1018WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 03:48:54 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	31336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165539	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	153767	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76150	30.184	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.600%	
60) 4-Bromofluorobenzene	12.847	95	77443	30.516	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.733%	
63) Toluene-d8	10.565	98	217089	30.475	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33551	17.537	ug/l	97
3) Chloromethane	2.359	50	38736	17.792	ug/l	95
4) Vinyl Chloride	2.512	62	38167	17.876	ug/l	94
5) Bromomethane	2.965	94	26229	18.542	ug/l	97
6) Chloroethane	3.118	64	25482	18.205	ug/l	91
7) Trichlorofluoromethane	3.501	101	63696	18.315	ug/l	94
8) Diethyl Ether	3.959	74	23174	18.125	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	37210	19.029	ug/l	97
10) 1,1-Dichloroethene	4.348	96	33893	17.371	ug/l	86
11) Methyl Iodide	4.595	142	46403	18.097	ug/l	93
12) Methyl Acetate	5.024	43	51495	21.082	ug/l	95
13) Acrolein	4.177	56	35245	77.674	ug/l	98
14) Acrylonitrile	5.718	53	99964	91.091	ug/l	97
15) Acetone	4.424	58	17774	56.698	ug/l	94
16) Carbon Disulfide	4.718	76	95697	16.470	ug/l	99
17) Allyl chloride	5.030	41	53592	16.944	ug/l	98
18) Methylene Chloride	5.271	84	42282	19.237	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	37823	18.316	ug/l	90
20) Diisopropyl ether	6.671	45	124589	18.321	ug/l #	97
21) 1,1-Dichloroethane	6.565	63	73100	18.734	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	44480	18.511	ug/l	98
23) tert-Butyl Alcohol	5.518	59	35906	85.300	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	123597	18.955	ug/l	97
25) Chloroform	7.965	83	76660	19.398	ug/l	96
26) Cyclohexane	8.259	56	54535	16.710	ug/l #	93
29) 1,1-Dichloropropene	8.371	75	50637	18.634	ug/l	98
30) 2-Butanone	7.483	43	138621	95.810	ug/l	99
31) 2,2-Dichloropropane	7.494	77	63600	19.916	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	65560	18.875	ug/l	99
33) Carbon Tetrachloride	8.359	117	57400	19.075	ug/l	96
34) Benzene	8.606	78	164994	19.396	ug/l	94
35) Methacrylonitrile	7.783	41	31103	20.151	ug/l	93
36) 1,2-Dichloroethane	8.671	62	56308	19.859	ug/l	99
37) Trichloroethene	9.353	130	37076	18.928	ug/l	90
38) Methylcyclohexane	9.600	83	52858	17.708	ug/l	98
39) 1,2-Dichloropropane	9.618	63	40284	19.420	ug/l	98
40) Dibromomethane	9.706	93	28436	19.614	ug/l	98
41) Bromodichloromethane	9.888	83	60867	19.777	ug/l	95
42) Vinyl Acetate	6.606	43	461963	91.806	ug/l	100

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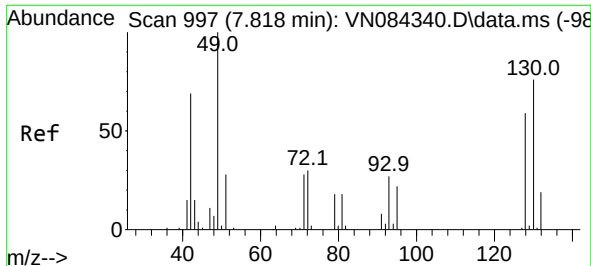
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	56698	19.870	ug/l	99
44) Isopropyl Acetate	8.688	43	89939	19.257	ug/l	99
45) 1,4-Dioxane	9.694	88	15697	372.838	ug/l	93
46) Methyl methacrylate	9.677	41	40776	18.070	ug/l	94
47) n-amyl Acetate	12.494	43	73332	17.653	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	59936	18.846	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	64905	19.473	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	38780	19.901	ug/l	97
51) Ethyl methacrylate	10.871	69	58469	18.165	ug/l	93
52) 1,3-Dichloropropane	11.159	76	67675	19.862	ug/l	100
53) Dibromochloromethane	11.359	129	46221	20.079	ug/l	98
54) 1,2-Dibromoethane	11.465	107	39075	19.481	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	139859	95.803	ug/l	99
56) Bromoform	12.576	173	29462	19.297	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	270105	94.296	ug/l	100
59) 2-Hexanone	11.194	43	202276	95.032	ug/l	99
61) Tetrachloroethene	11.100	164	37964	21.827	ug/l	95
62) Toluene	10.629	91	178483	19.827	ug/l	97
64) Chlorobenzene	11.888	112	107366	19.166	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	38224	19.642	ug/l	97
66) Ethyl Benzene	11.965	91	180780	18.485	ug/l	97
67) m/p-Xylenes	12.071	106	142436	38.392	ug/l	99
68) o-Xylene	12.394	106	67457	18.863	ug/l	96
69) Styrene	12.412	104	116785	19.024	ug/l	98
70) Isopropylbenzene	12.694	105	170445	18.670	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	55355	19.600	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	72162	29.835	ug/l	53
73) Bromobenzene	12.976	156	43647	19.741	ug/l	98
74) n-propylbenzene	13.035	91	205943	18.930	ug/l	100
75) 2-Chlorotoluene	13.123	91	129158	19.105	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	148153	19.273	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	19875	19.229	ug/l	97
78) 4-Chlorotoluene	13.218	91	134127	19.515	ug/l	99
79) tert-butylbenzene	13.435	119	117975	17.990	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	148088	18.987	ug/l	100
81) sec-Butylbenzene	13.612	105	174069	19.279	ug/l	98
82) p-Isopropyltoluene	13.729	119	144384	18.999	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	81387	19.797	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	79847	19.559	ug/l	98
85) n-Butylbenzene	14.053	91	119942	18.223	ug/l	99
86) Hexachloroethane	14.329	117	27745	18.950	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	79467	19.993	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11340	19.635	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	38496	18.627	ug/l	98
90) Hexachlorobutadiene	15.500	225	18604	19.459	ug/l	99
91) Naphthalene	15.635	128	115738	16.527	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	38496	18.627	ug/l	98

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

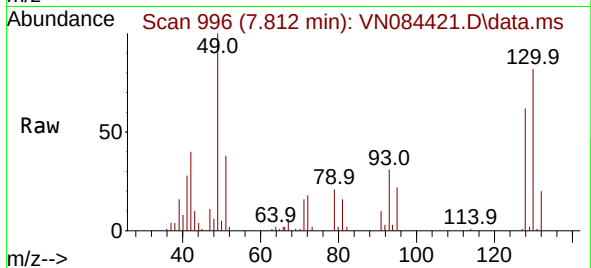
Quant Time: Oct 19 03:48:54 2024
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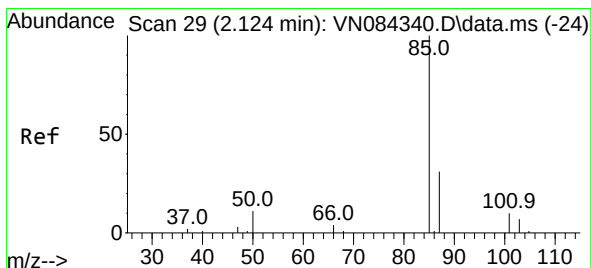
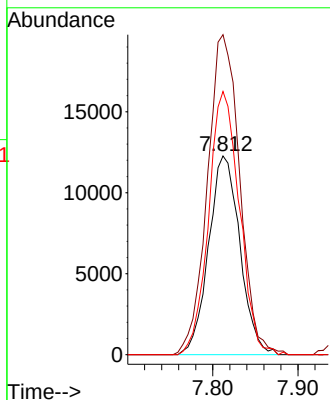
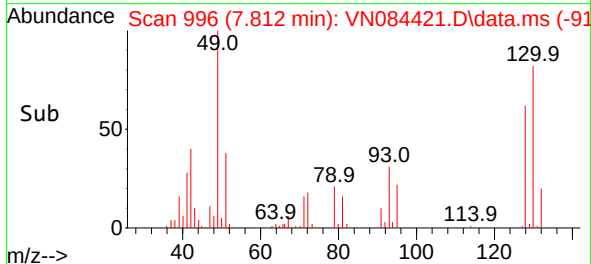


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Instrument :
MSVOA_N
ClientSampleId :

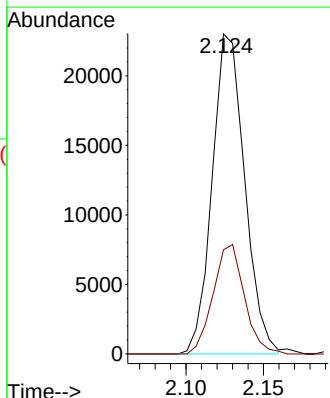
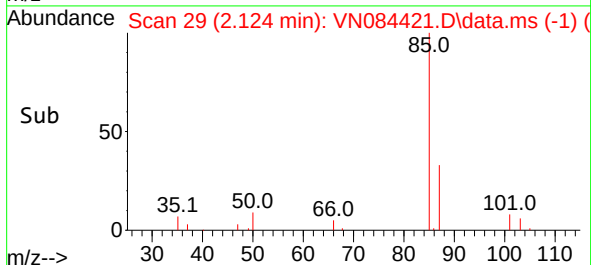
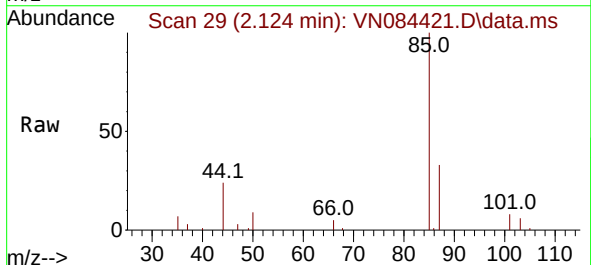


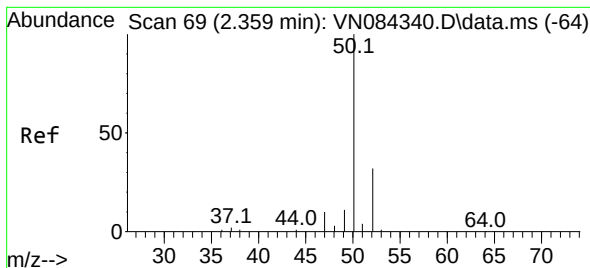
Tgt Ion:128 Resp: 31336
Ion Ratio Lower Upper
128 100
49 166.5 0.0 430.0
130 129.8 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 17.537 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 85 Resp: 33551
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4





#3

Chloromethane

Concen: 17.792 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

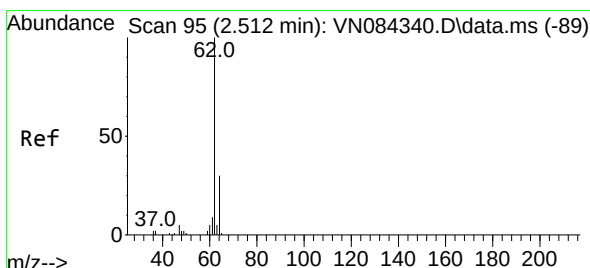
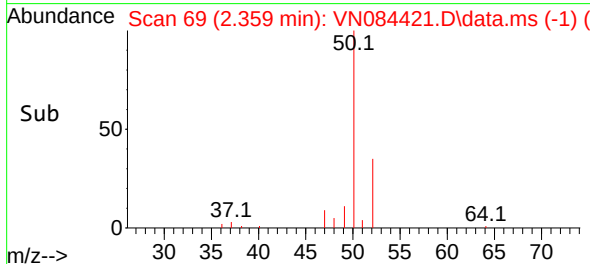
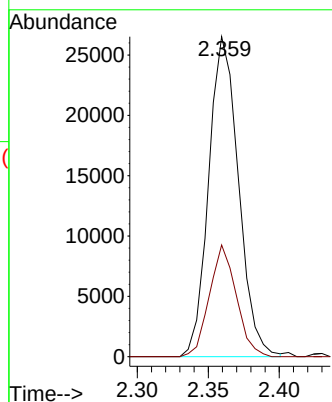
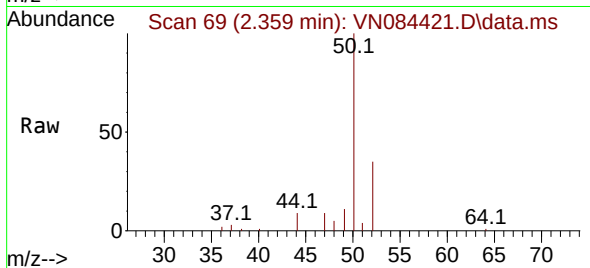
ClientSampleId :

Tgt Ion: 50 Resp: 38736

Ion Ratio Lower Upper

50 100

52 34.9 25.8 38.6



#4

Vinyl Chloride

Concen: 17.876 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN084421.D

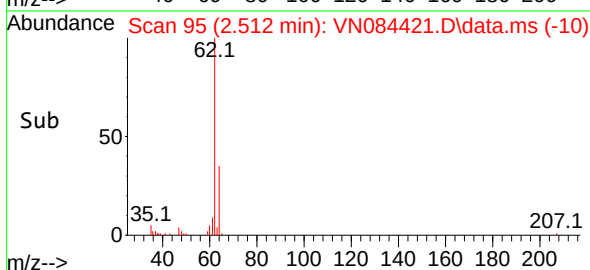
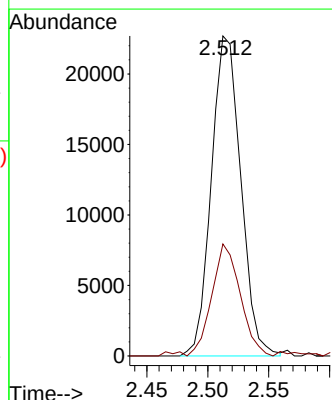
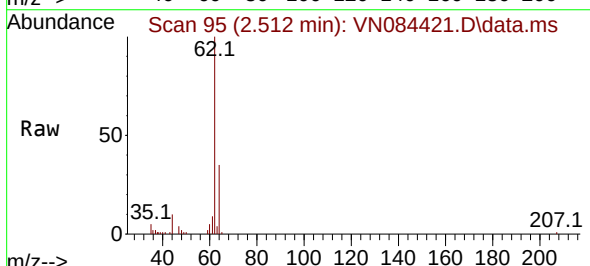
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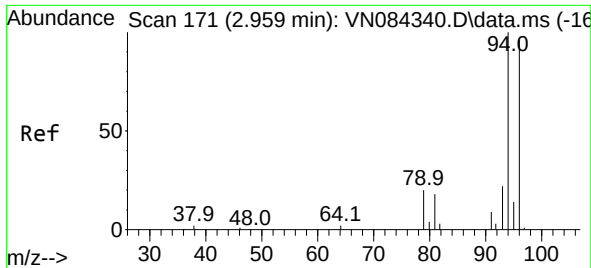
Tgt Ion: 62 Resp: 38167

Ion Ratio Lower Upper

62 100

64 33.7 24.3 36.5

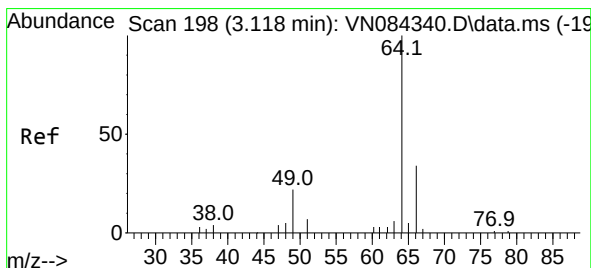
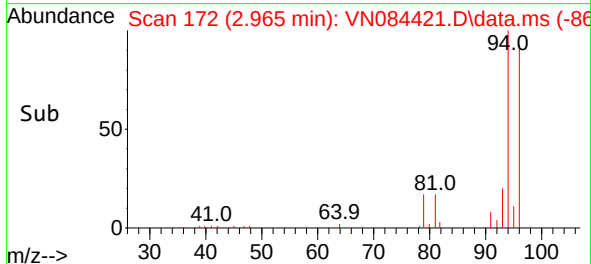
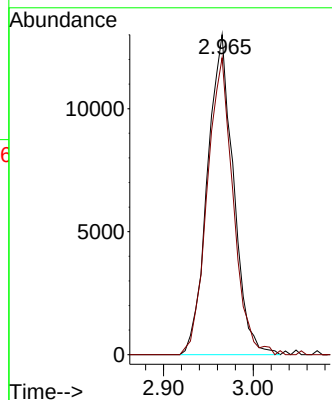
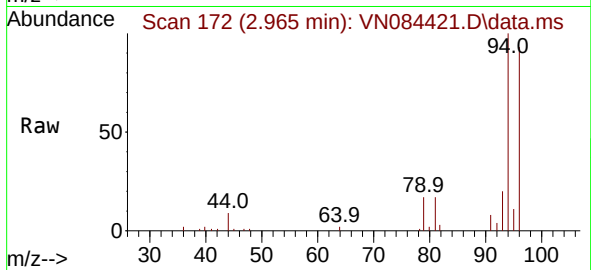




#5
Bromomethane
Concen: 18.542 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

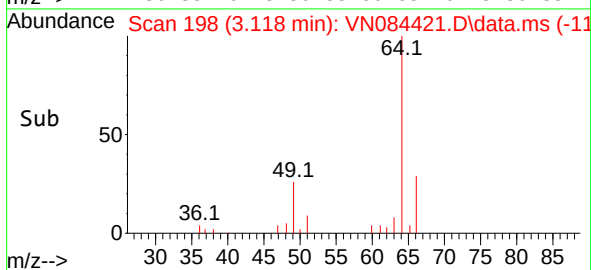
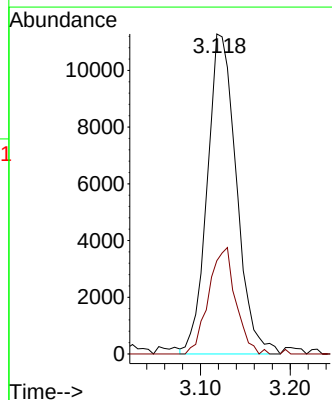
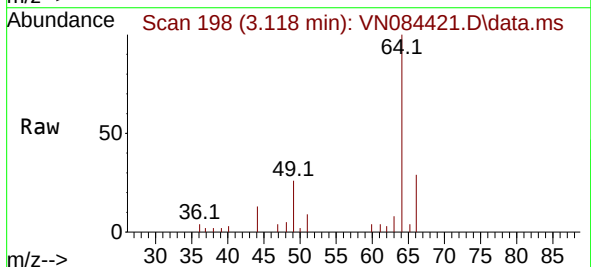
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ClientSampleId :

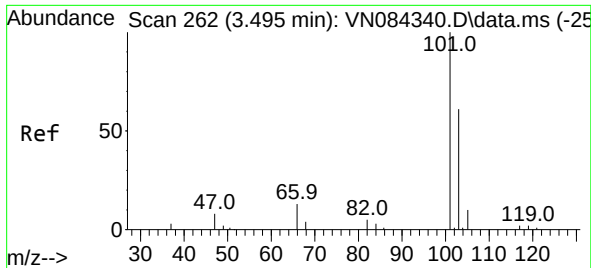
Tgt Ion: 94 Resp: 26229
Ion Ratio Lower Upper
94 100
96 92.8 76.7 115.1



#6
Chloroethane
Concen: 18.205 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 64 Resp: 25482
Ion Ratio Lower Upper
64 100
66 29.2 27.7 41.5

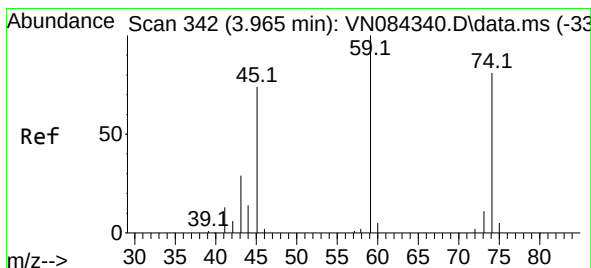
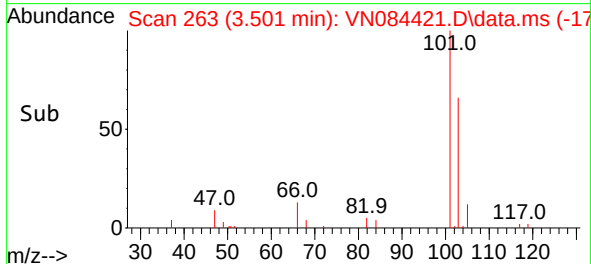
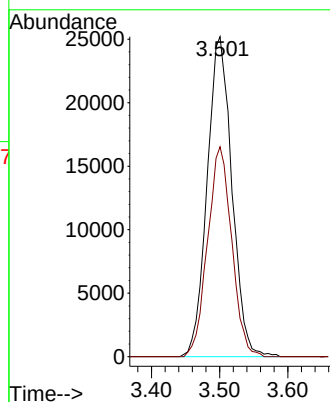
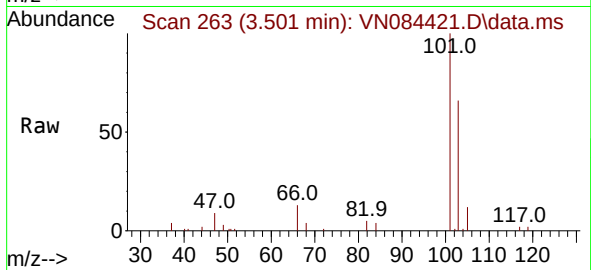




#7
Trichlorofluoromethane
Concen: 18.315 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

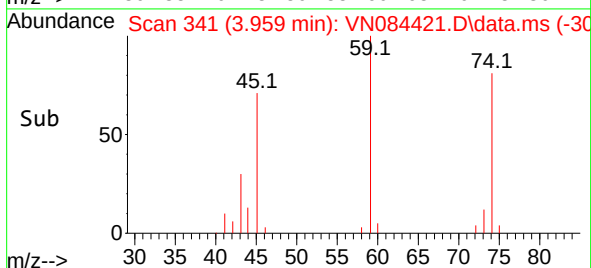
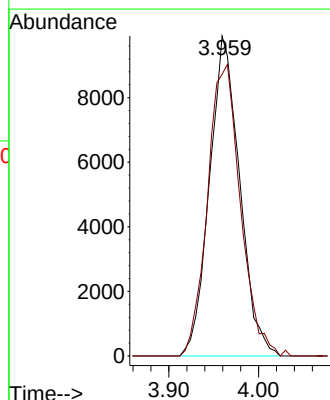
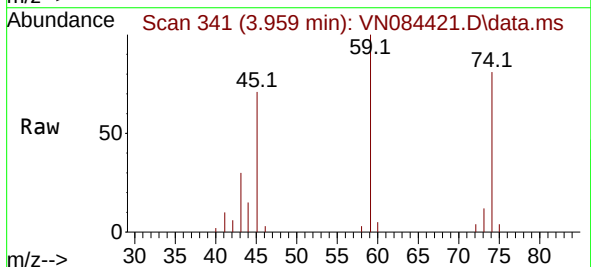
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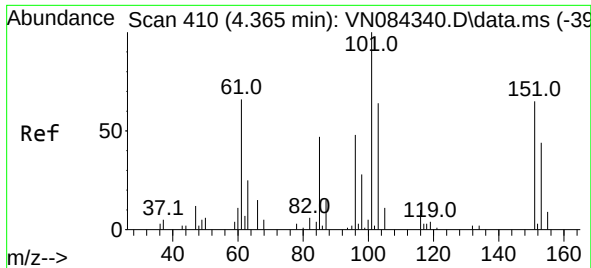
Tgt Ion:101 Resp: 63696
Ion Ratio Lower Upper
101 100
103 65.6 49.0 73.6



#8
Diethyl Ether
Concen: 18.125 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 74 Resp: 23174
Ion Ratio Lower Upper
74 100
45 99.0 19.2 173.2

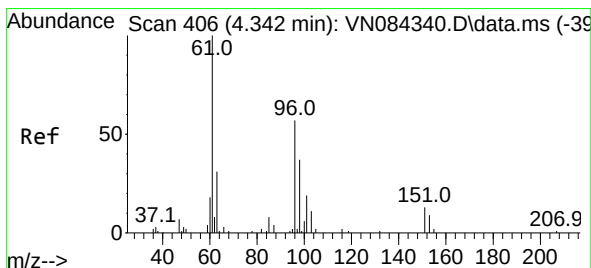
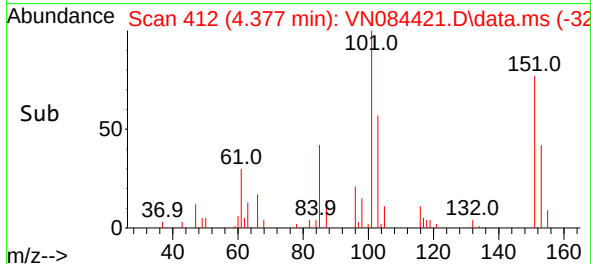
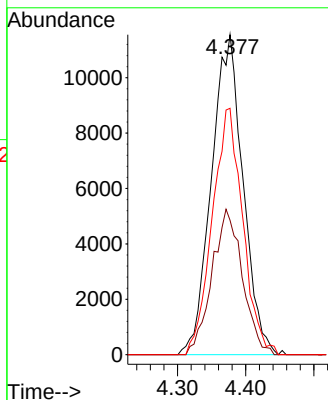
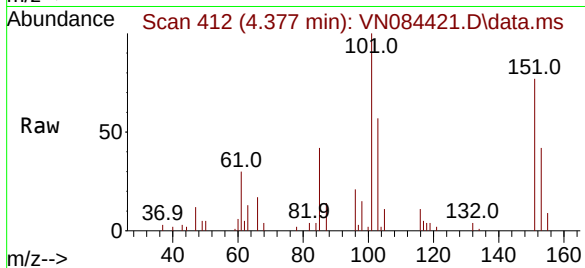




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.029 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

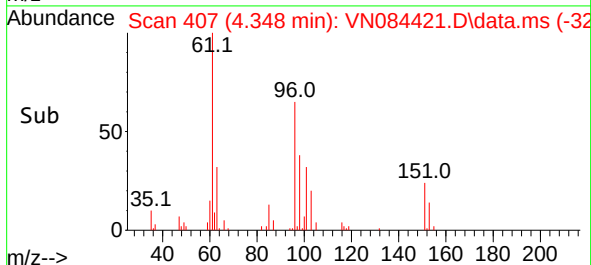
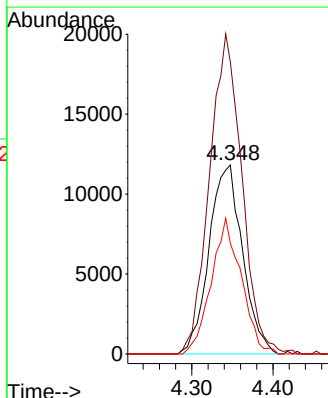
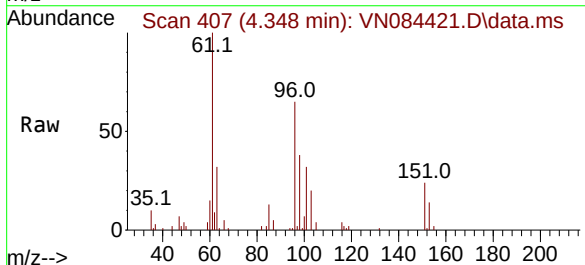
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ClientSampleId :

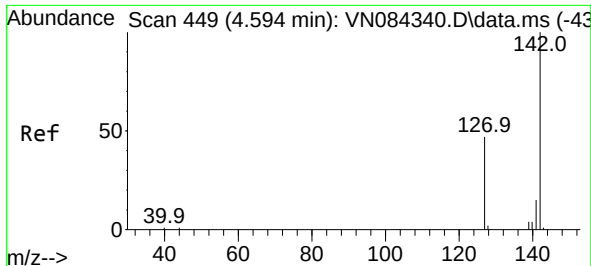
Tgt Ion:101 Resp: 37210
Ion Ratio Lower Upper
101 100
85 43.7 0.0 93.6
151 73.8 0.0 151.8



#10
1,1-Dichloroethene
Concen: 17.371 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

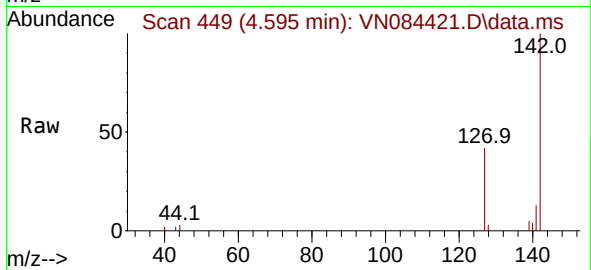
Tgt Ion: 96 Resp: 33893
Ion Ratio Lower Upper
96 100
61 154.4 140.8 211.2
98 58.5 52.2 78.2



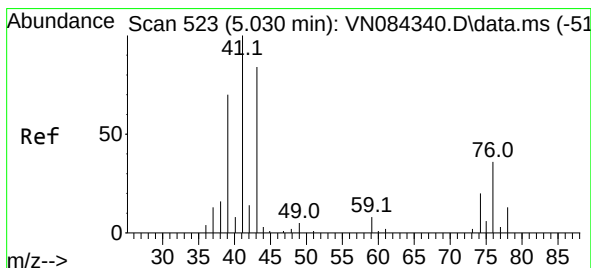
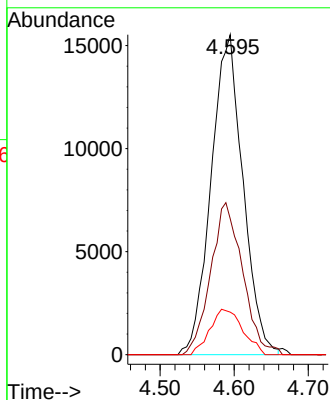
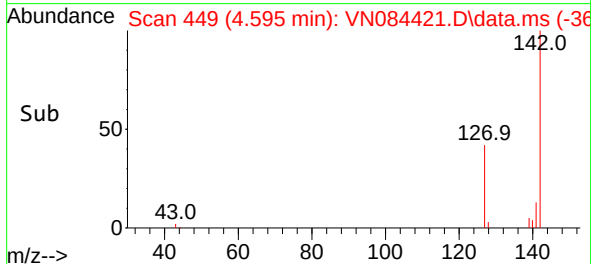


#11
Methyl Iodide
Concen: 18.097 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Instrument :
MSVOA_N
ClientSampleId :

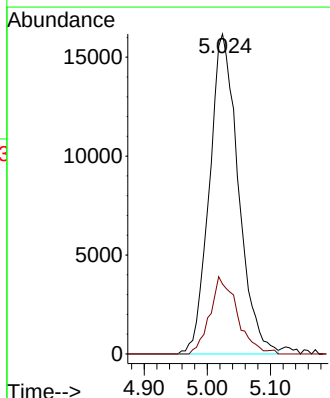
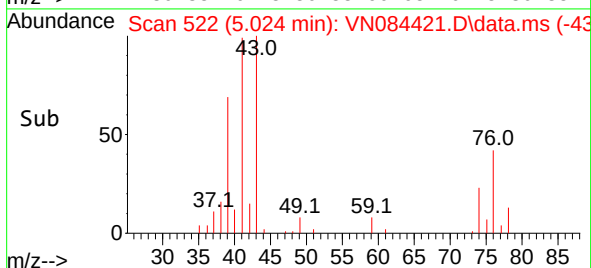
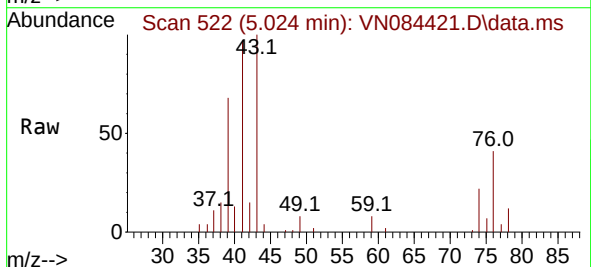


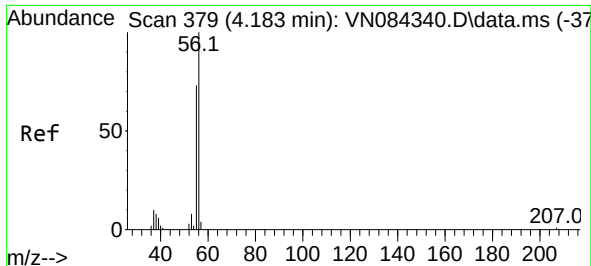
Tgt Ion:142 Resp: 46403
Ion Ratio Lower Upper
142 100
127 41.9 23.8 71.4
141 13.4 7.4 22.2



#12
Methyl Acetate
Concen: 21.082 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

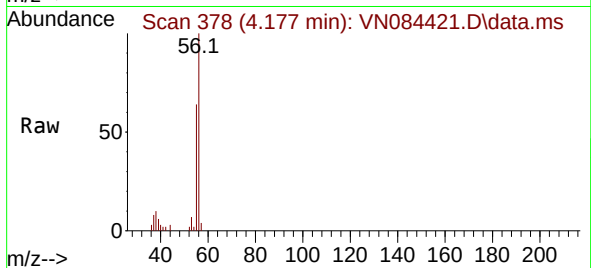
Tgt Ion: 43 Resp: 51495
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2



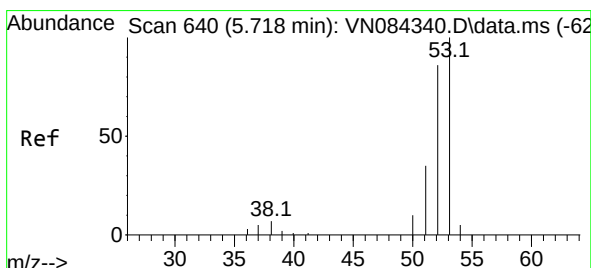
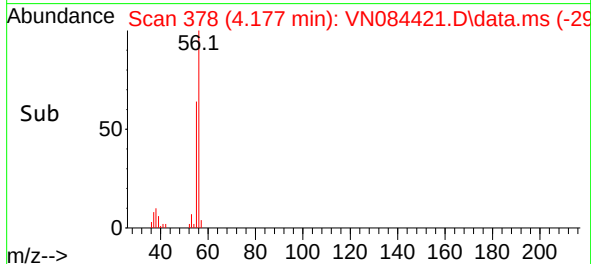
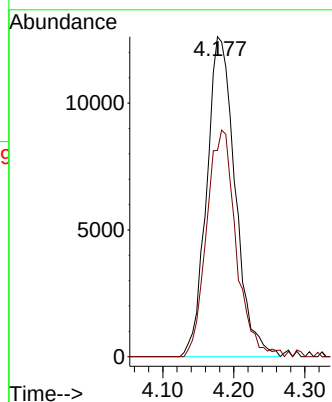


#13
Acrolein
Concen: 77.674 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Instrument :
MSVOA_N
ClientSampleId :

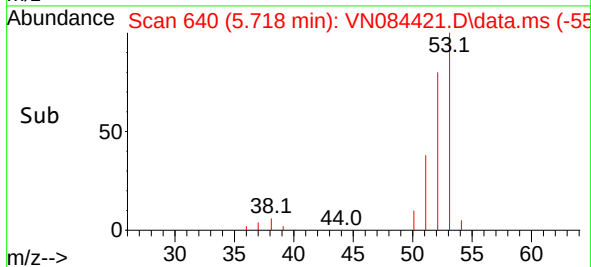
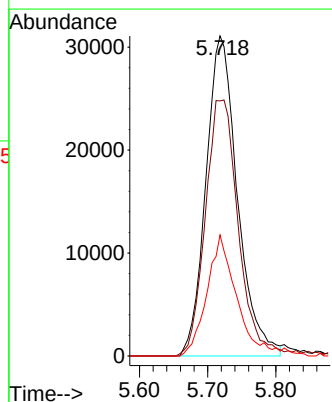
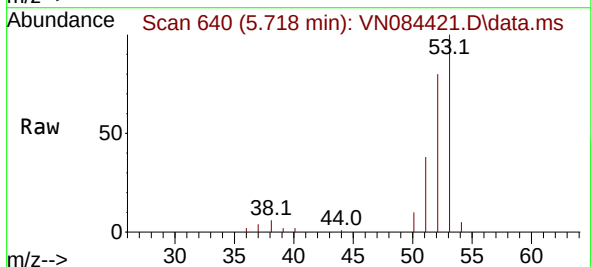


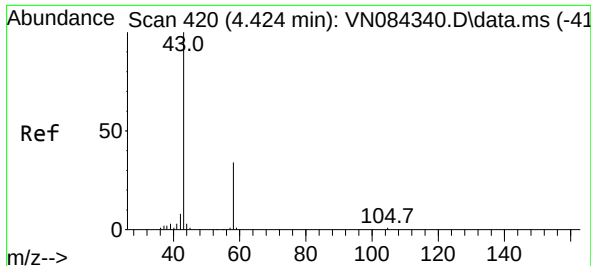
Tgt Ion: 56 Resp: 35245
Ion Ratio Lower Upper
56 100
55 72.3 56.4 84.6



#14
Acrylonitrile
Concen: 91.091 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 53 Resp: 99964
Ion Ratio Lower Upper
53 100
52 83.2 40.4 121.2
51 34.0 17.8 53.4





#15

Acetone

Concen: 56.698 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

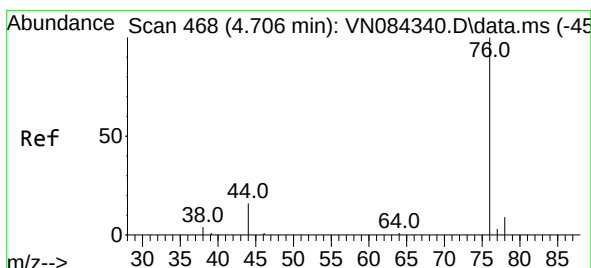
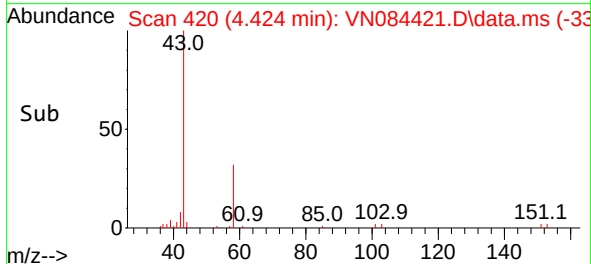
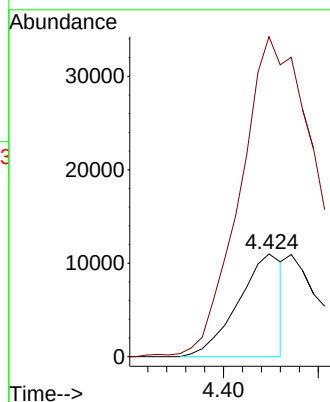
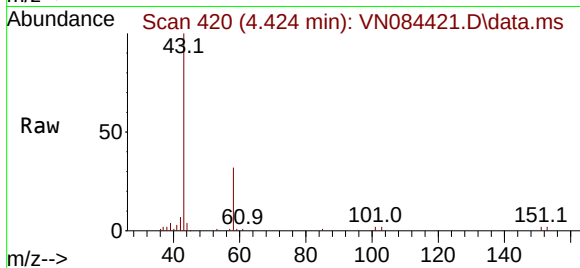
ClientSampleId :

Tgt Ion: 58 Resp: 17774

Ion Ratio Lower Upper

58 100

43 308.4 237.5 356.3



#16

Carbon Disulfide

Concen: 16.470 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN084421.D

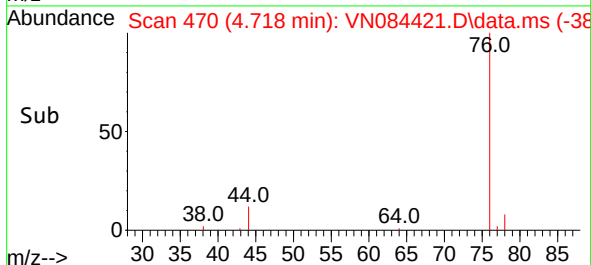
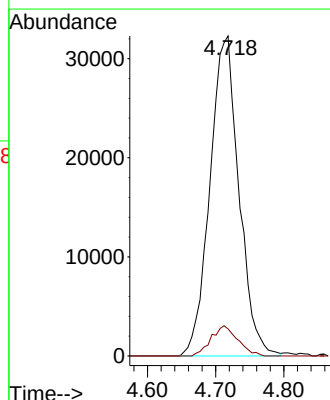
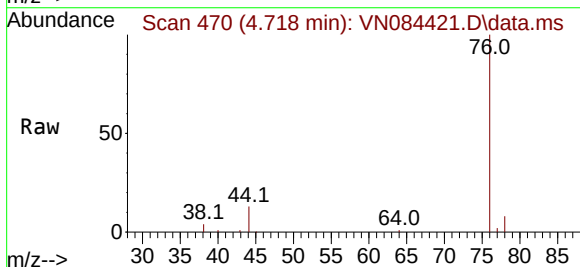
Acq: 18 Oct 2024 11:09

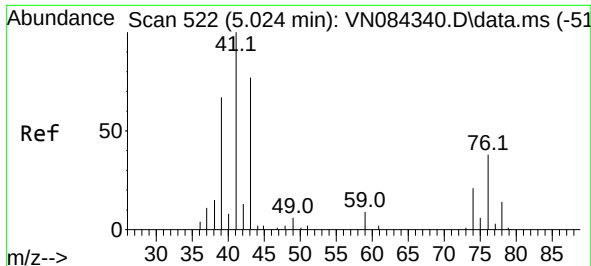
Tgt Ion: 76 Resp: 95697

Ion Ratio Lower Upper

76 100

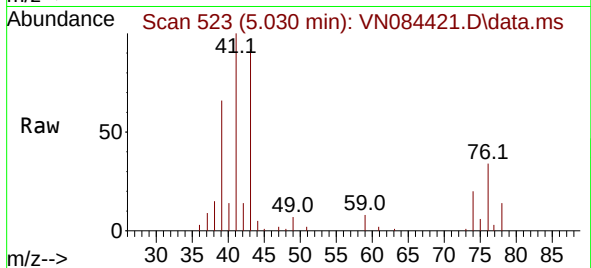
78 8.5 7.1 10.7



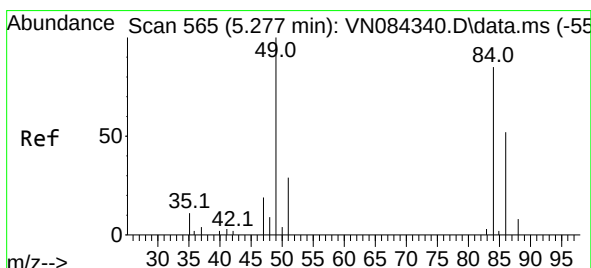
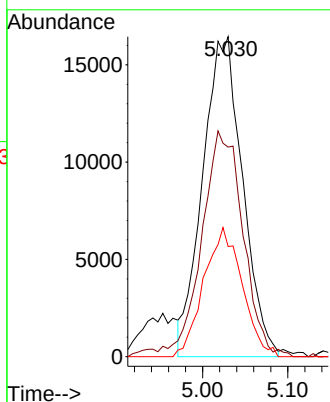
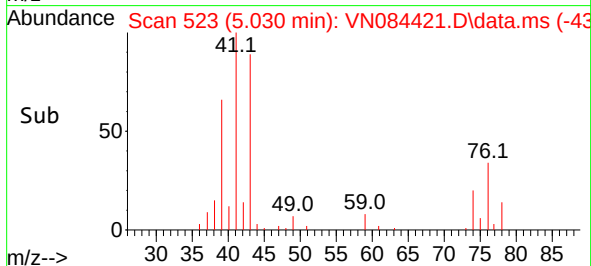


#17
 Allyl chloride
 Concen: 16.944 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Instrument :
 MSVOA_N
 ClientSampleId :

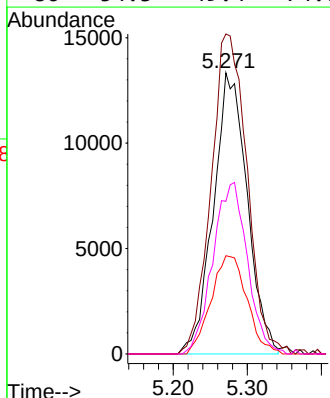
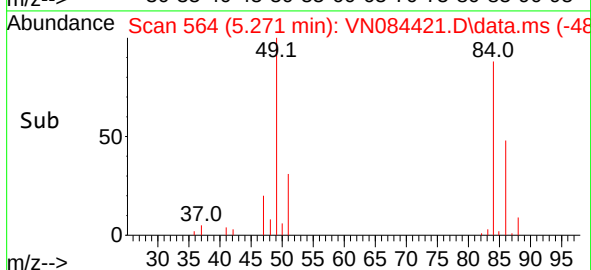
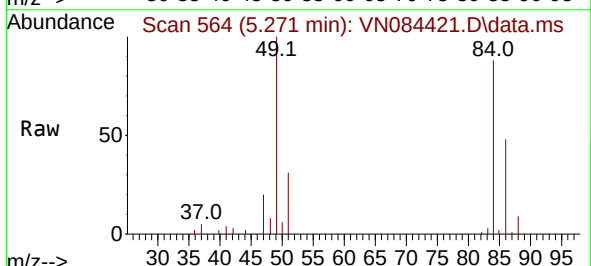


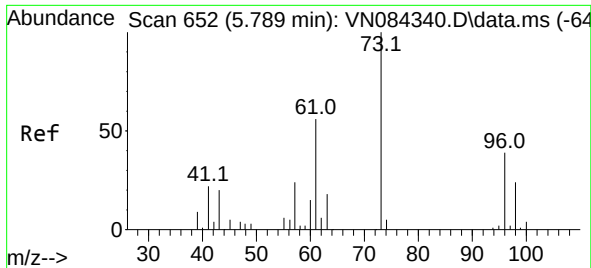
Tgt Ion:	41	Resp:	53592
Ion	Ratio	Lower	Upper
41	100		
39	64.3	31.4	94.3
76	35.1	17.8	53.5



#18
 Methylene Chloride
 Concen: 19.237 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Tgt Ion:	84	Resp:	42282
Ion	Ratio	Lower	Upper
84	100		
49	113.8	94.6	142.0
51	35.0	27.3	40.9
86	54.3	49.4	74.0

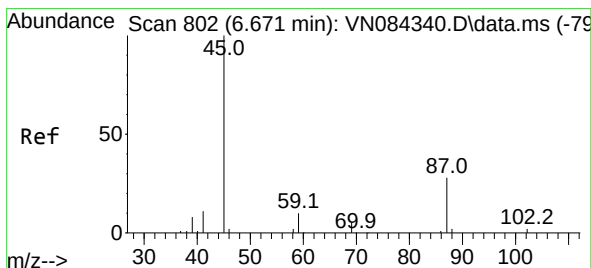
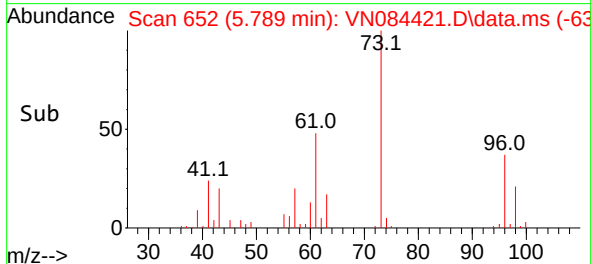
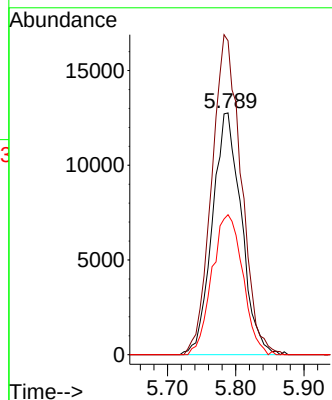
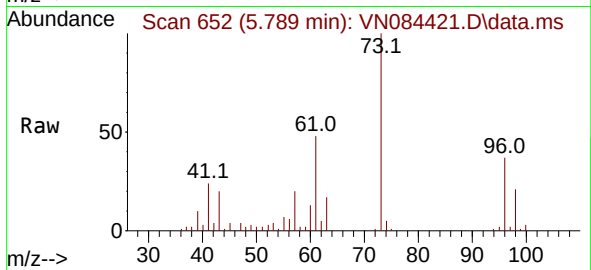




#19
trans-1,2-Dichloroethene
Concen: 18.316 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

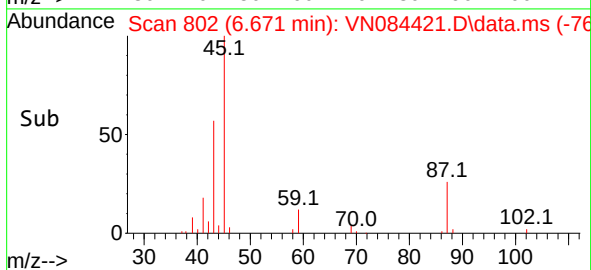
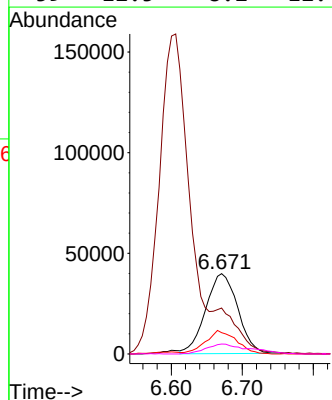
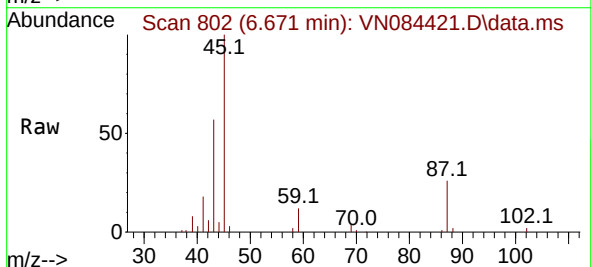
Instrument :
MSVOA_N
ClientSampleId :

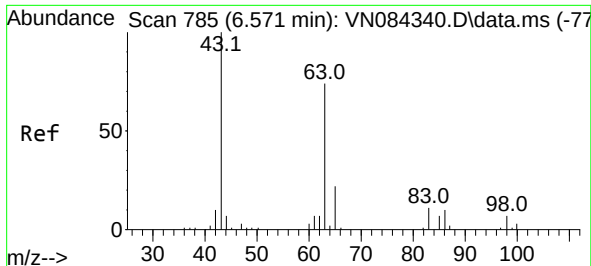
Tgt Ion: 96 Resp: 37823
Ion Ratio Lower Upper
96 100
61 129.9 115.8 173.6
98 57.9 49.4 74.0



#20
Diisopropyl ether
Concen: 18.321 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 45 Resp: 124589
Ion Ratio Lower Upper
45 100
43 55.7 43.7 65.5
87 26.6 23.1 34.7
59 12.5 8.2 12.4

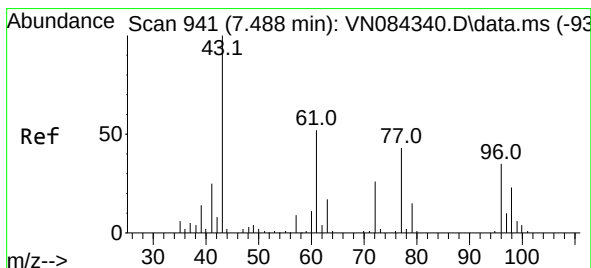
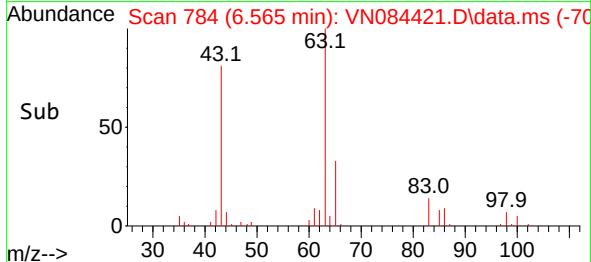
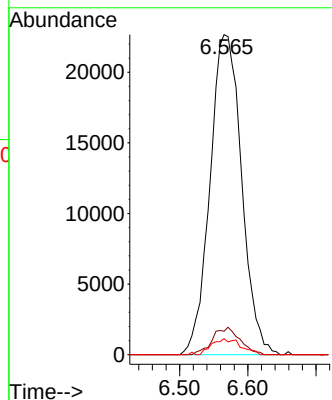
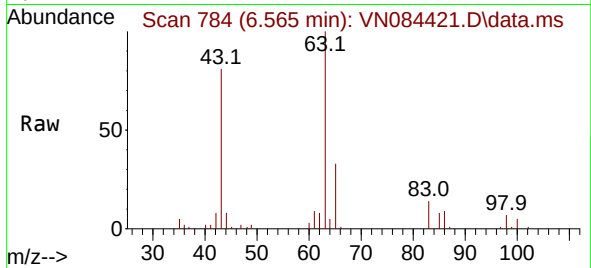




#21
1,1-Dichloroethane
Concen: 18.734 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

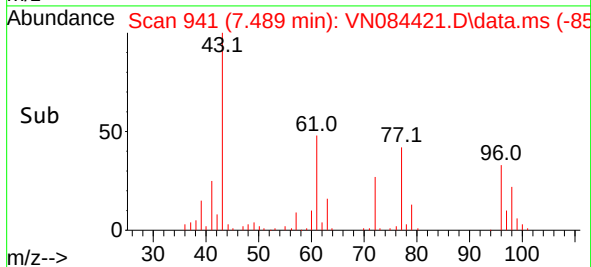
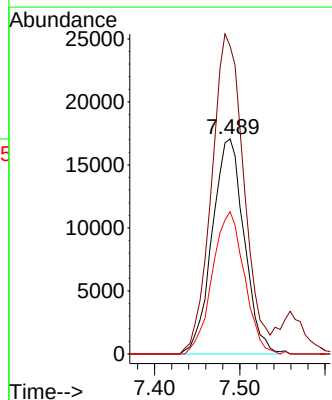
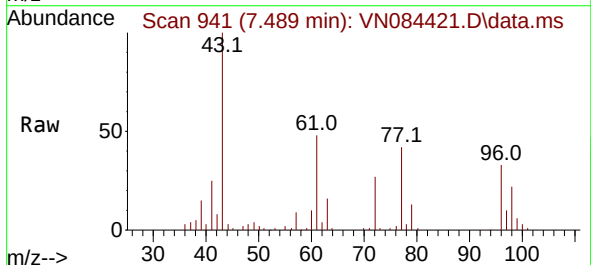
Instrument :
MSVOA_N
ClientSampleId :

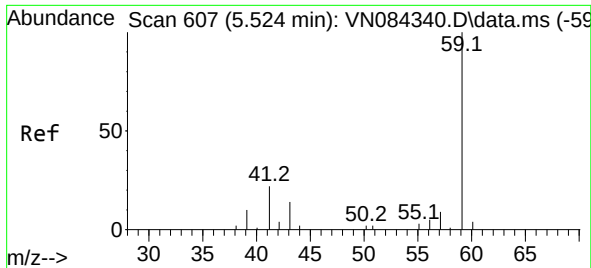
Tgt Ion: 63 Resp: 73100
Ion Ratio Lower Upper
63 100
98 7.3 4.5 13.4
100 5.0 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.511 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 96 Resp: 44480
Ion Ratio Lower Upper
96 100
61 150.3 118.0 177.0
98 66.0 51.8 77.8

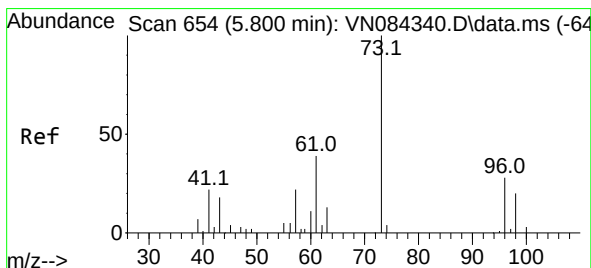
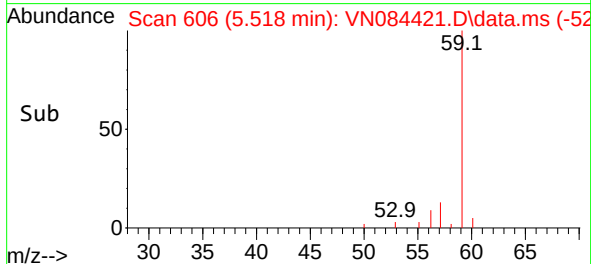
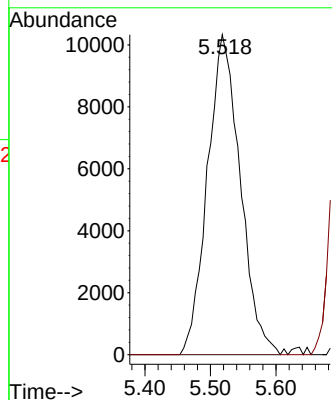
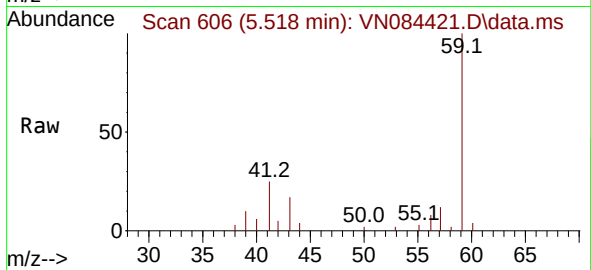




#23
tert-Butyl Alcohol
Concen: 85.300 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

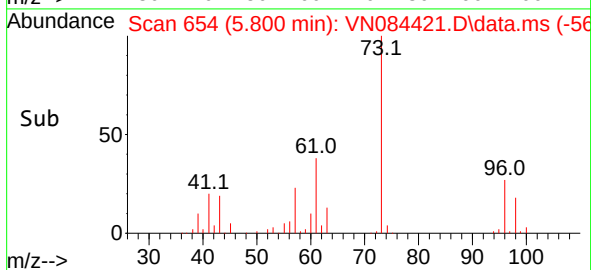
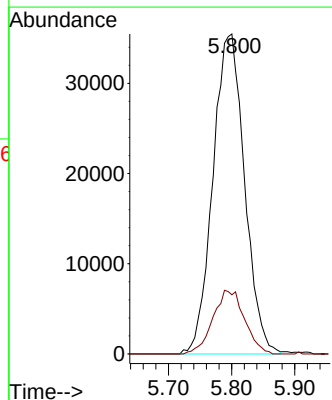
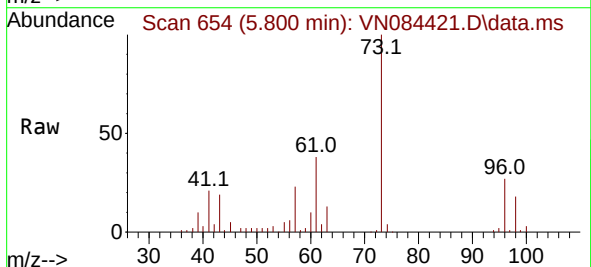
Instrument :
MSVOA_N
ClientSampleId :

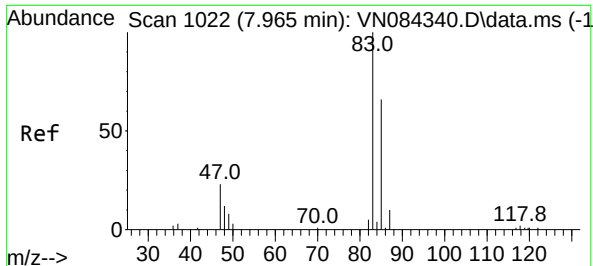
Tgt Ion: 59 Resp: 35906
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.955 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 73 Resp: 123597
Ion Ratio Lower Upper
73 100
43 12.4 10.9 16.3





#25

Chloroform

Concen: 19.398 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

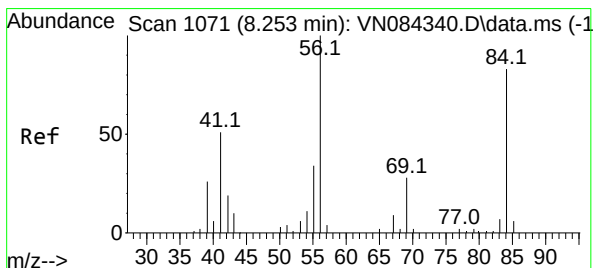
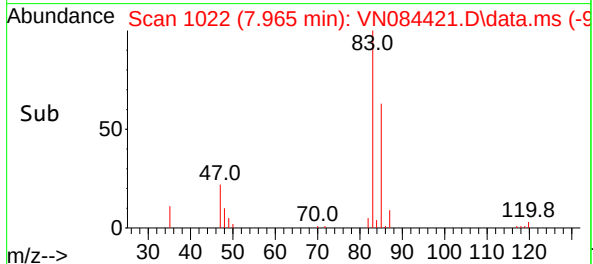
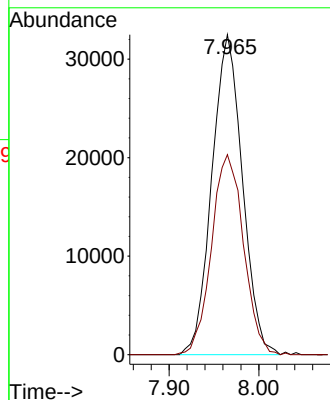
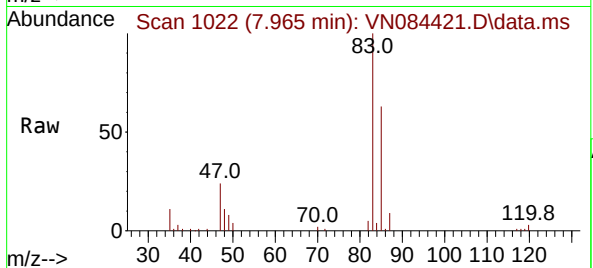
ClientSampleId :

Tgt Ion: 83 Resp: 76660

Ion Ratio Lower Upper

83 100

85 62.5 52.4 78.6



#26

Cyclohexane

Concen: 16.710 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

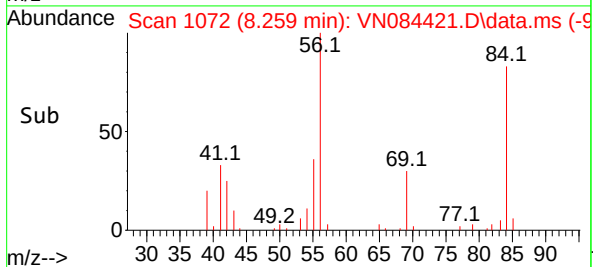
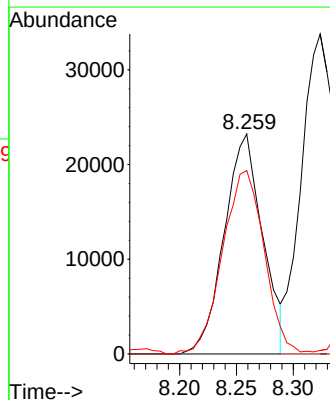
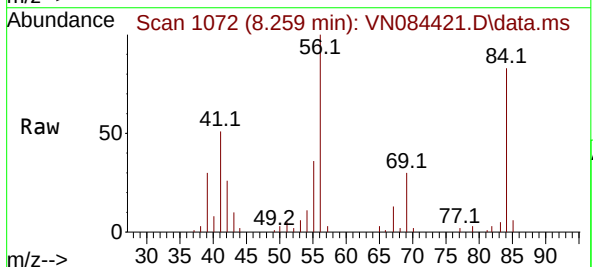
Tgt Ion: 56 Resp: 54535

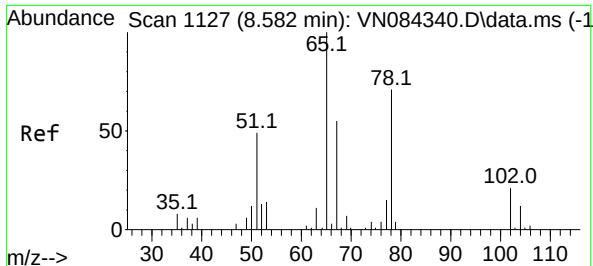
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.8 67.0 100.6

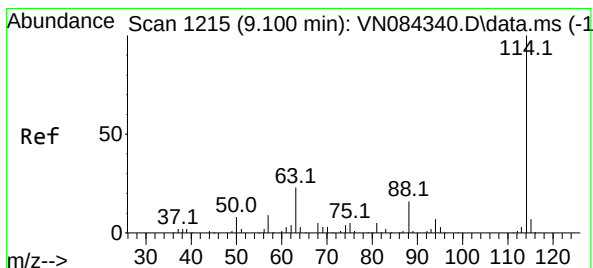
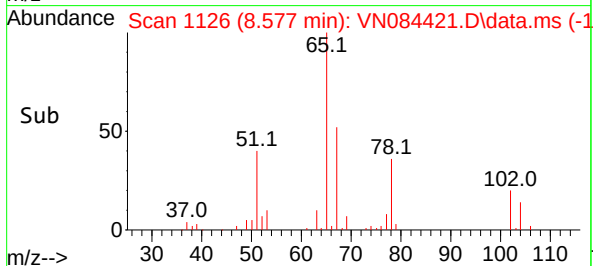
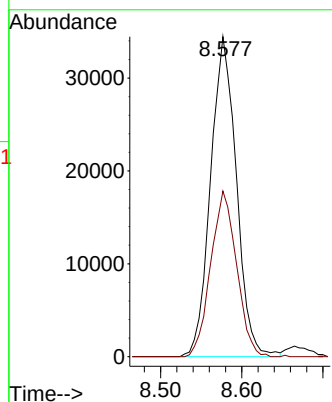
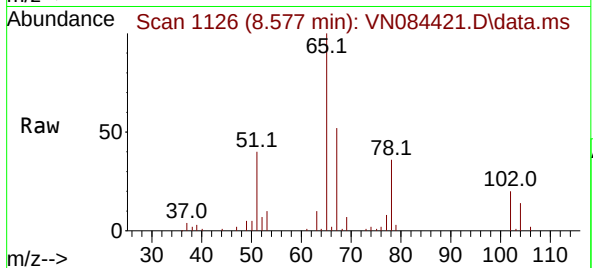




#27
1,2-Dichloroethane-d4
Concen: 30.184 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

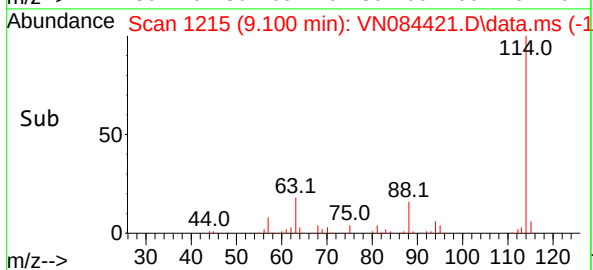
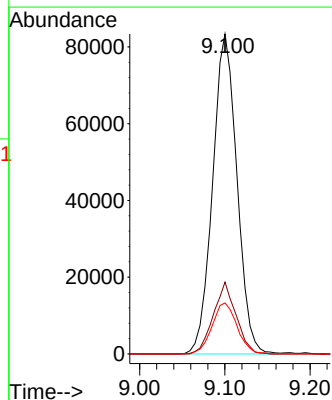
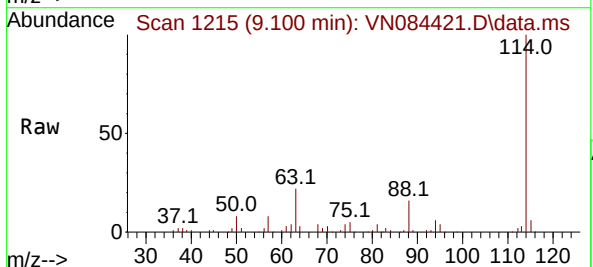
Instrument :
MSVOA_N
ClientSampleId :

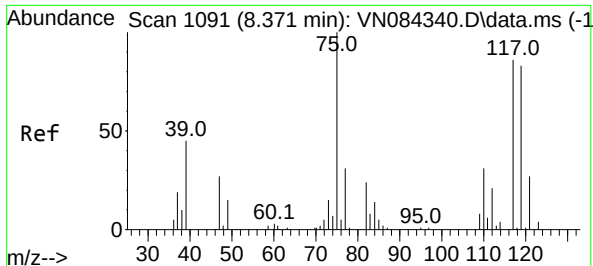
Tgt Ion: 65 Resp: 76150
Ion Ratio Lower Upper
65 100
67 51.8 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 114 Resp: 165539
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.0
88 16.4 13.2 19.8





#29

1,1-Dichloropropene

Concen: 18.634 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

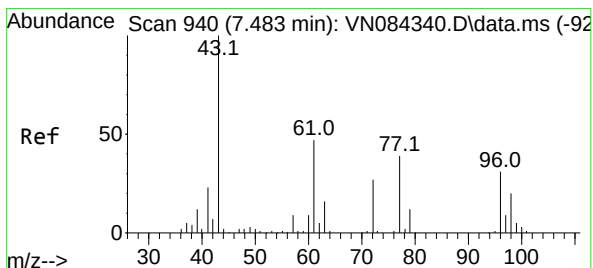
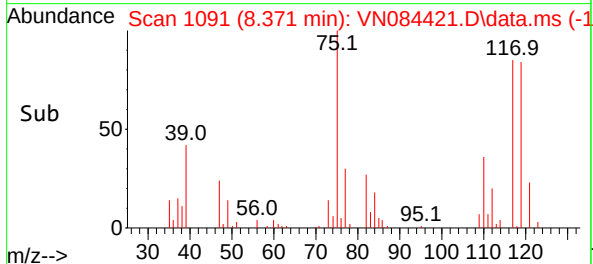
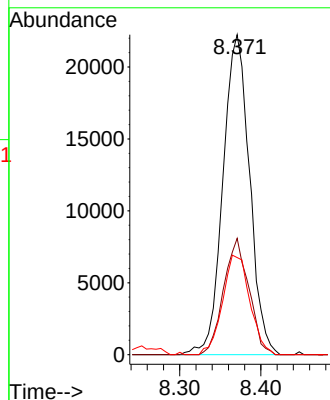
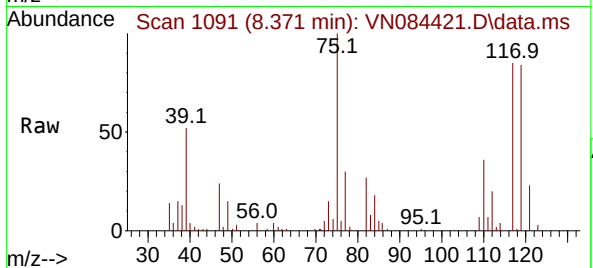
Tgt Ion: 75 Resp: 50637

Ion Ratio Lower Upper

75 100

110 34.5 0.0 67.6

77 32.0 0.0 61.4



#30

2-Butanone

Concen: 95.810 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

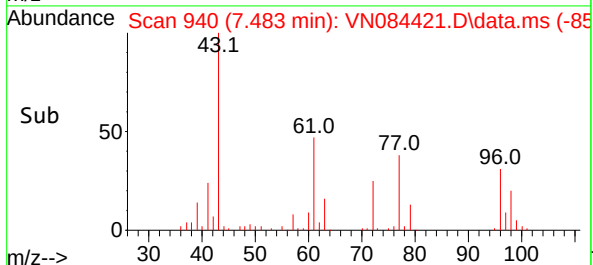
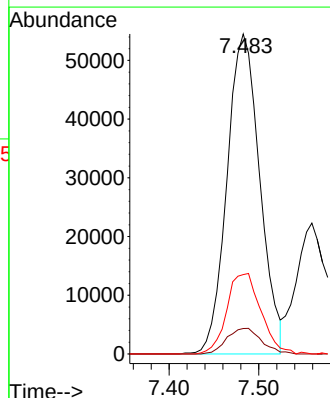
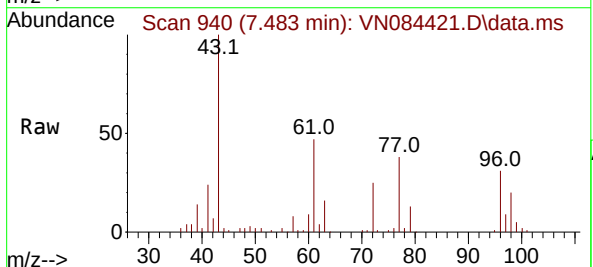
Tgt Ion: 43 Resp: 138621

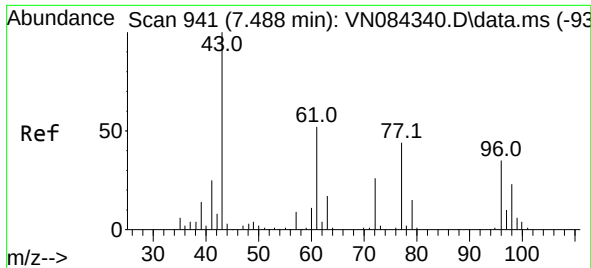
Ion Ratio Lower Upper

43 100

57 8.3 6.6 9.8

72 26.0 21.3 31.9

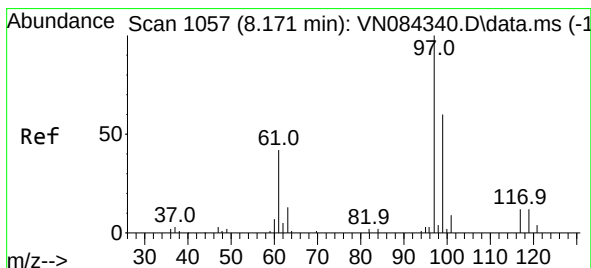
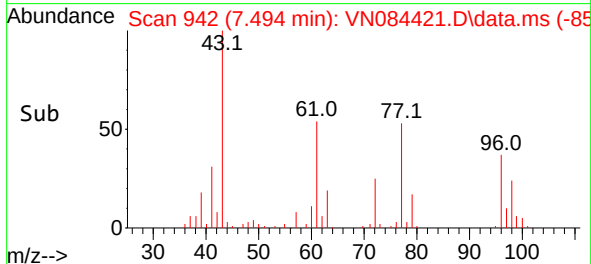
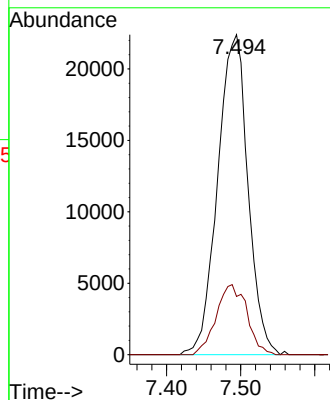
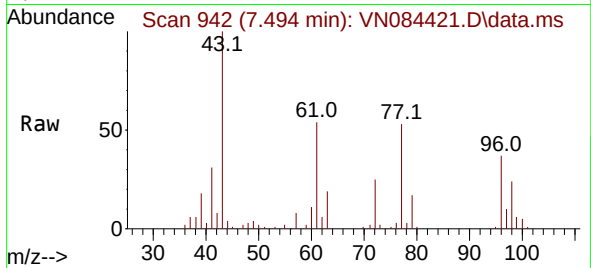




#31
2,2-Dichloropropane
Concen: 19.916 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

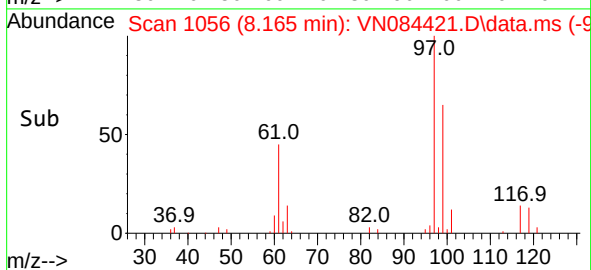
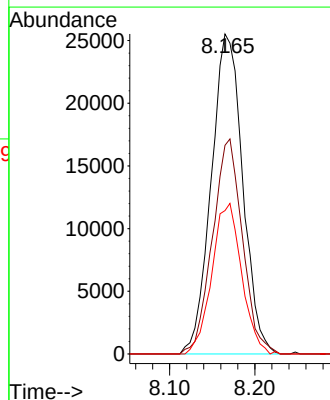
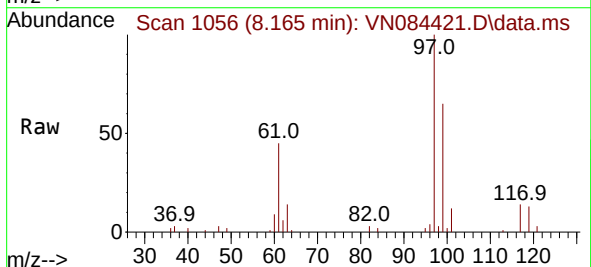
Instrument :
MSVOA_N
ClientSampleId :

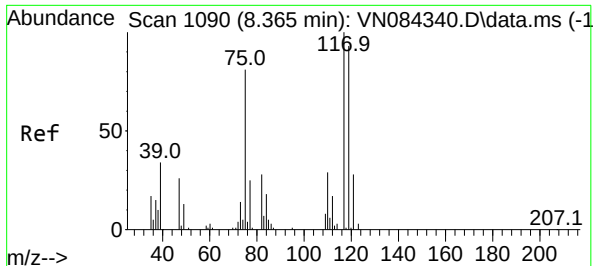
Tgt Ion: 77 Resp: 63600
Ion Ratio Lower Upper
77 100
97 15.1 11.5 17.3



#32
1,1,1-Trichloroethane
Concen: 18.875 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

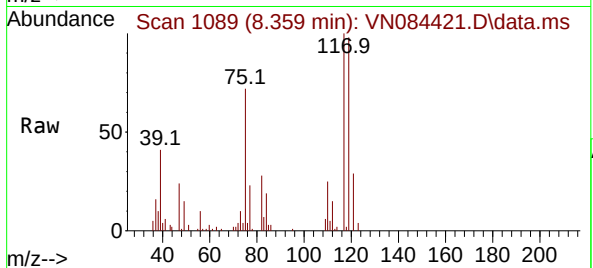
Tgt Ion: 97 Resp: 65560
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.5 34.1 51.1



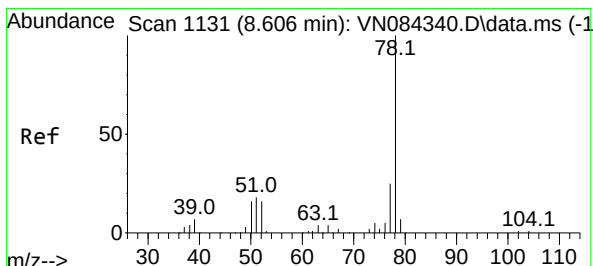
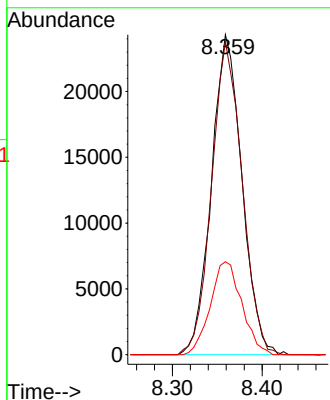
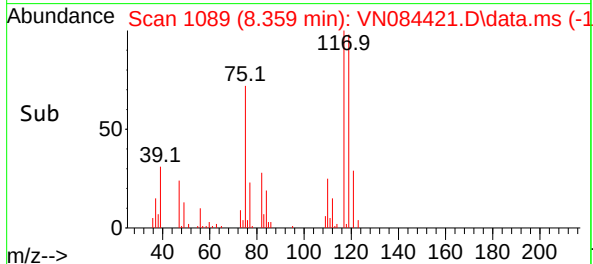


#33
Carbon Tetrachloride
Concen: 19.075 ug/l
RT: 8.359 min Scan# 11089
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Instrument :
MSVOA_N
ClientSampleId :

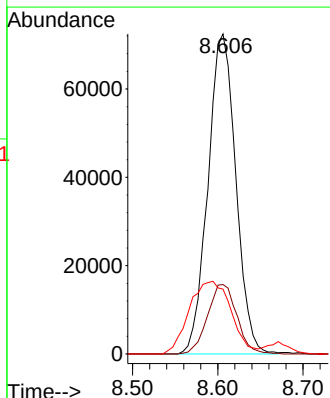
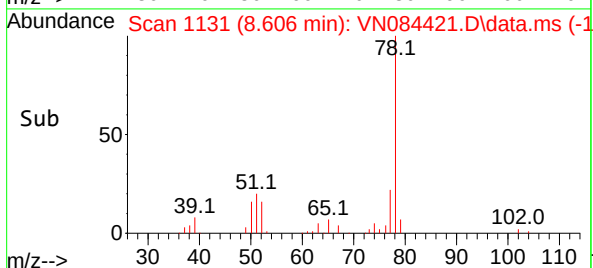
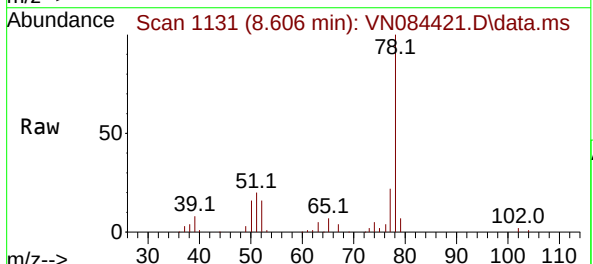


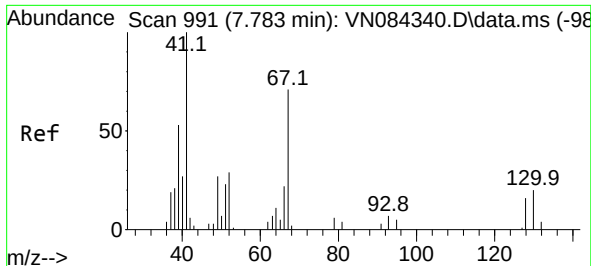
Tgt Ion:	117	Resp:	57400
Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.3	111.5
121	29.1	22.4	33.6



#34
Benzene
Concen: 19.396 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion:	78	Resp:	164994
Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.6	29.4
51	16.4	15.8	23.6

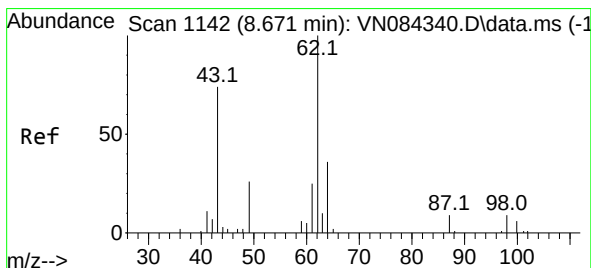
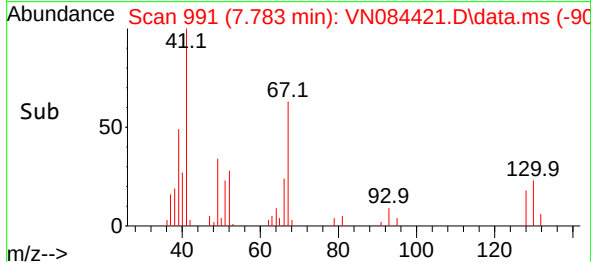
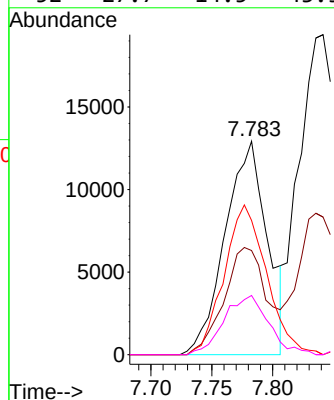
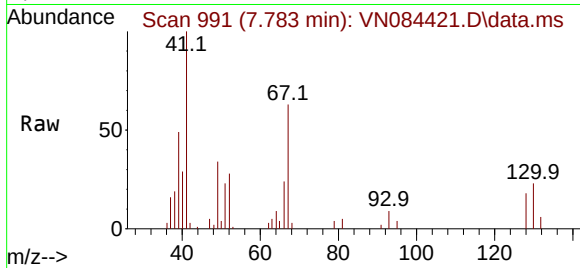




#35
Methacrylonitrile
Concen: 20.151 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

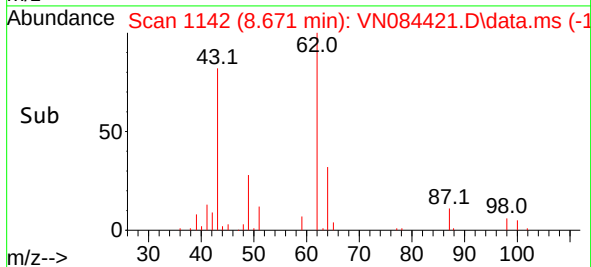
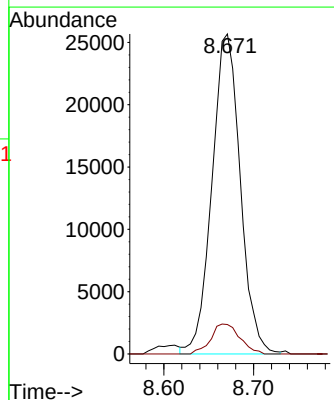
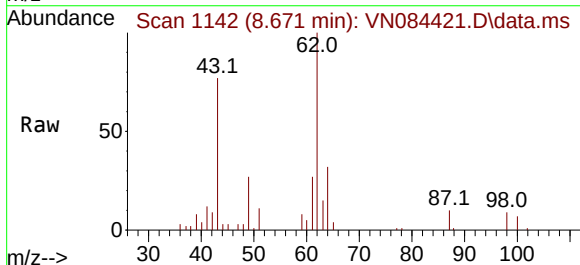
Instrument :
MSVOA_N
ClientSampleId :

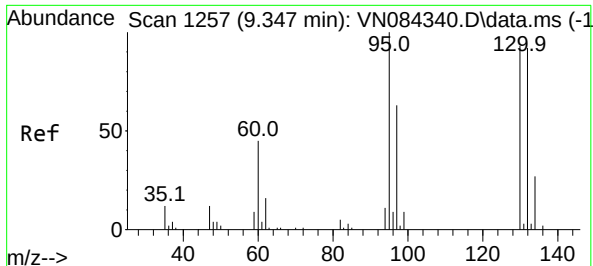
Tgt Ion: 41	Resp: 31103
Ion Ratio	Lower Upper
41 100	
39 48.8	26.4 79.0
67 62.9	35.7 107.1
52 27.7	14.5 43.5



#36
1,2-Dichloroethane
Concen: 19.859 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 62	Resp: 56308
Ion Ratio	Lower Upper
62 100	
98 9.6	7.3 10.9

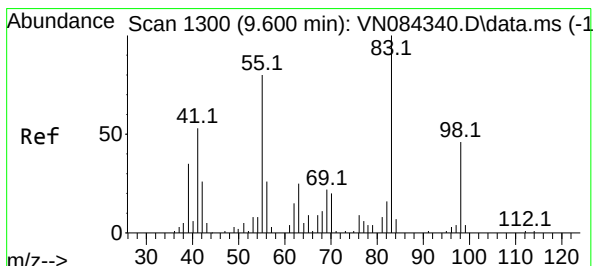
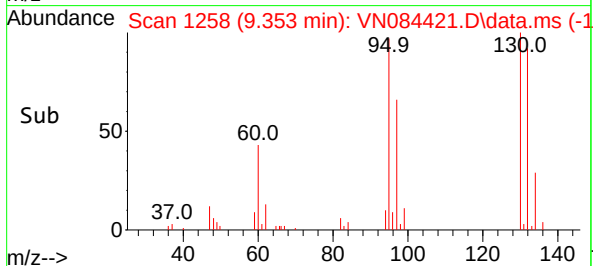
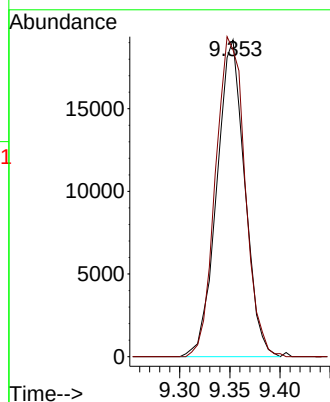
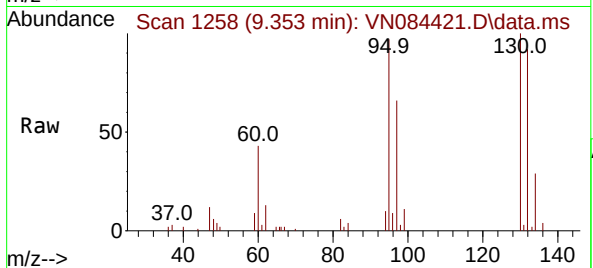




#37
Trichloroethene
Concen: 18.928 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

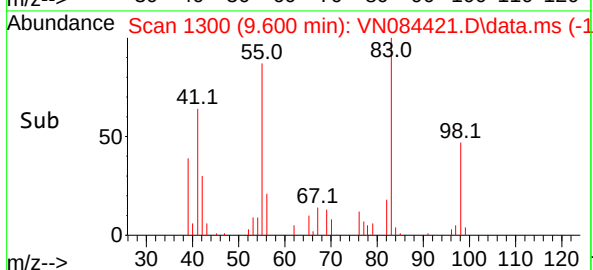
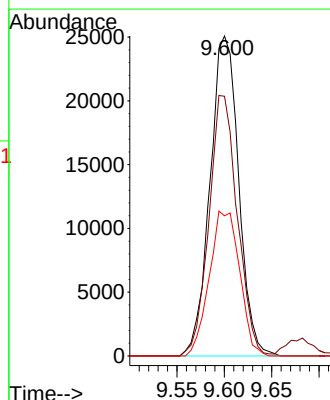
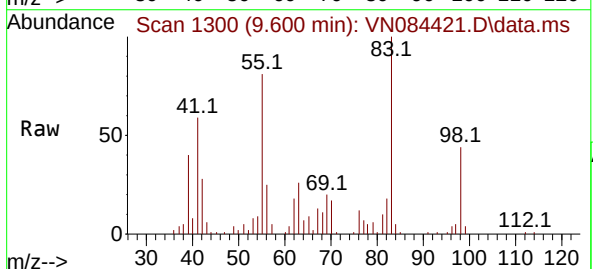
Instrument :
MSVOA_N
ClientSampleId :

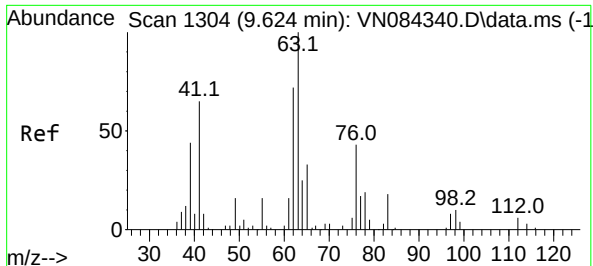
Tgt Ion:130 Resp: 37076
Ion Ratio Lower Upper
130 100
95 96.9 85.8 128.6



#38
Methylcyclohexane
Concen: 17.708 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 83 Resp: 52858
Ion Ratio Lower Upper
83 100
55 80.6 39.3 117.8
98 47.8 24.0 72.0

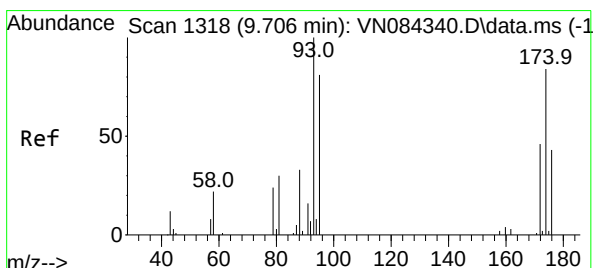
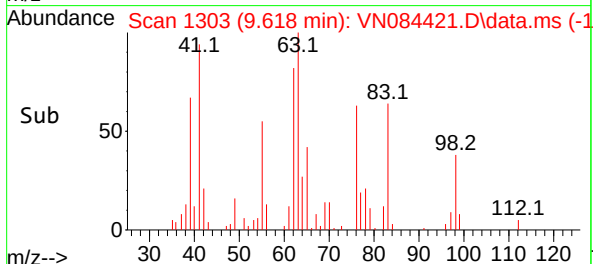
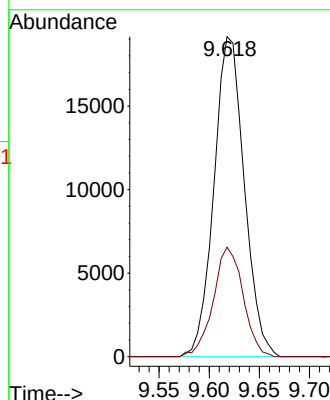
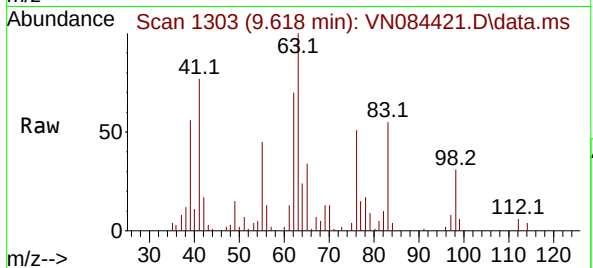




#39
1,2-Dichloropropane
Concen: 19.420 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

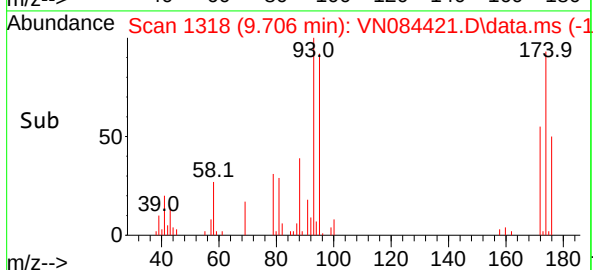
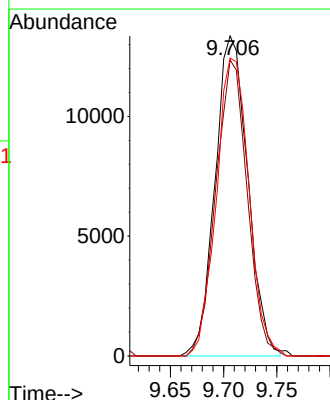
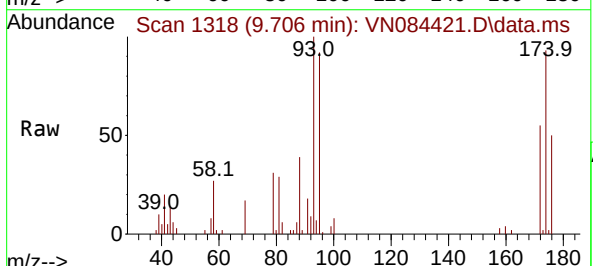
Instrument :
MSVOA_N
ClientSampleId :

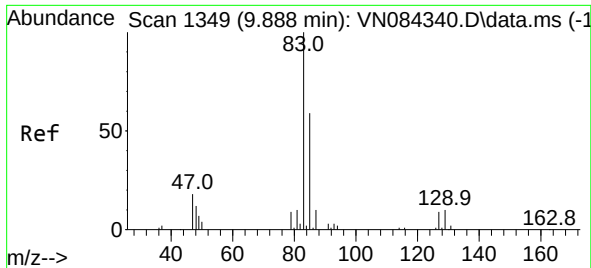
Tgt Ion: 63 Resp: 40284
Ion Ratio Lower Upper
63 100
65 34.2 26.3 39.5



#40
Dibromomethane
Concen: 19.614 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 93 Resp: 28436
Ion Ratio Lower Upper
93 100
95 88.7 0.0 171.4
174 93.1 0.0 183.0

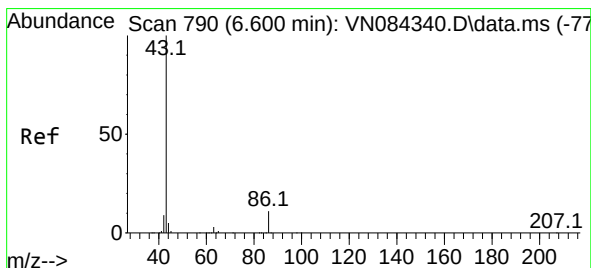
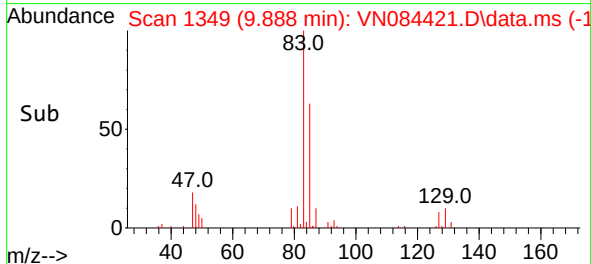
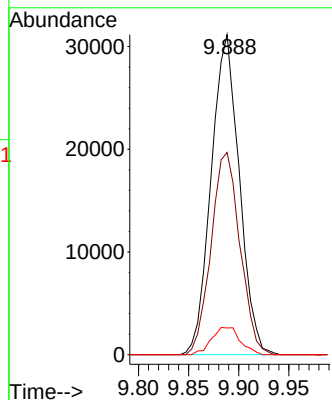
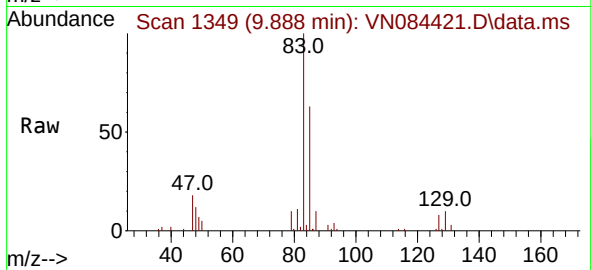




#41
Bromodichloromethane
Concen: 19.777 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

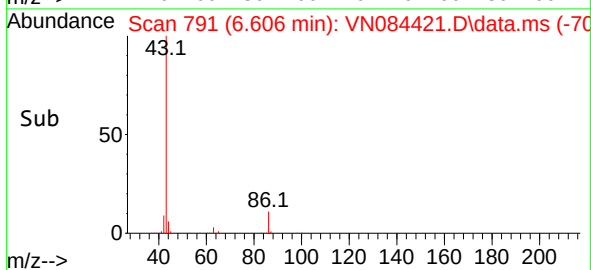
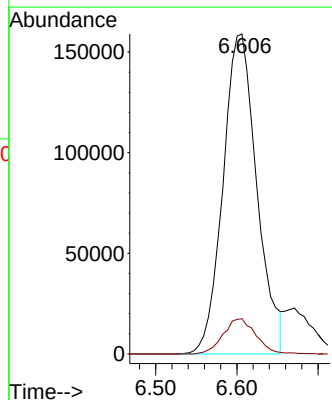
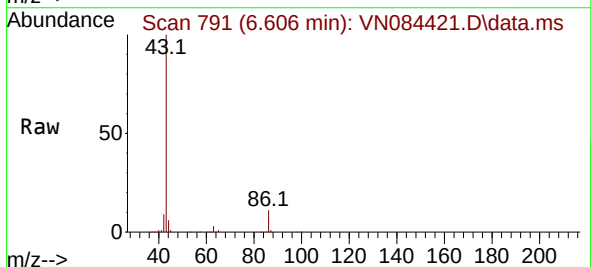
Instrument :
MSVOA_N
ClientSampleId :

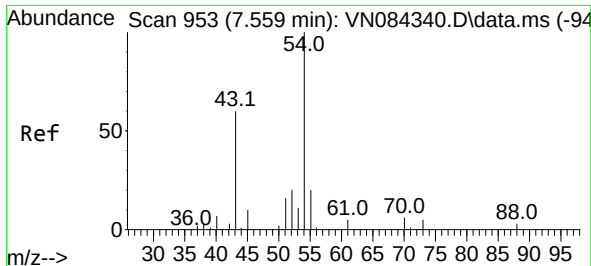
Tgt Ion: 83 Resp: 60867
Ion Ratio Lower Upper
83 100
85 63.2 47.1 70.7
127 8.4 7.1 10.7



#42
Vinyl Acetate
Concen: 91.806 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 43 Resp: 461963
Ion Ratio Lower Upper
43 100
86 10.5 8.5 12.7

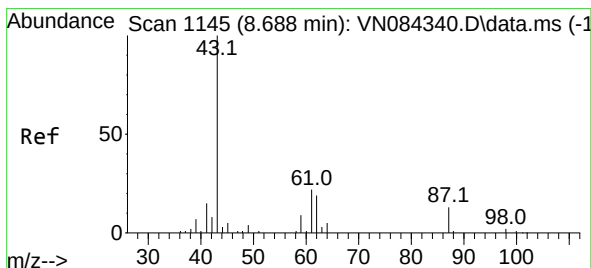
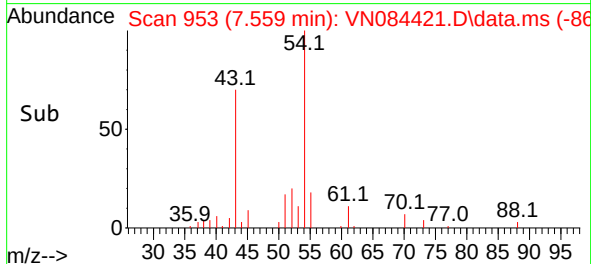
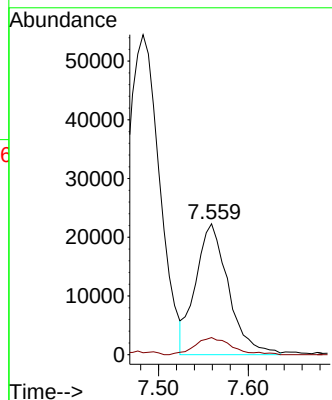
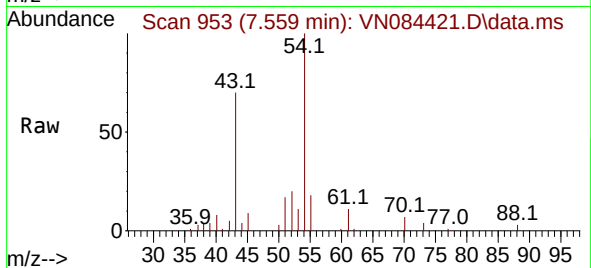




#43
Ethyl Acetate
Concen: 19.870 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

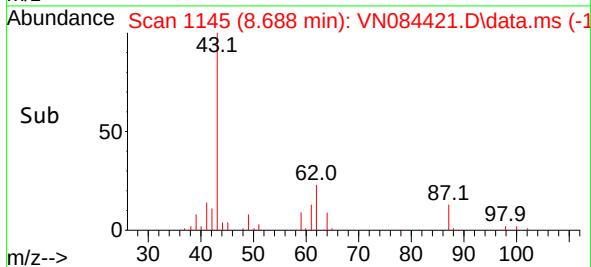
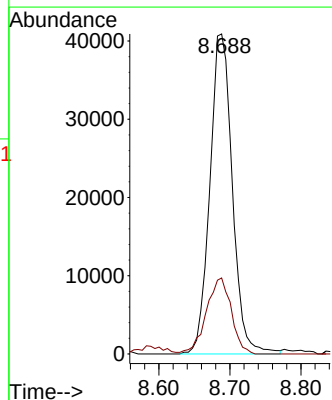
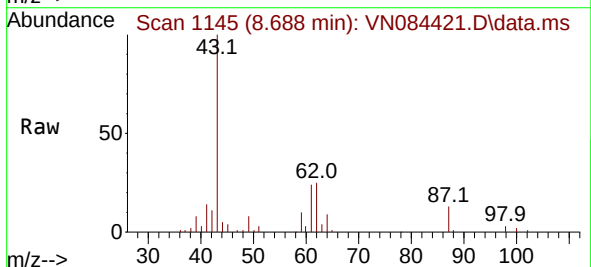
Instrument :
MSVOA_N
ClientSampleId :

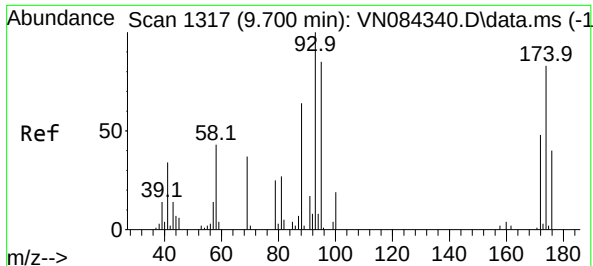
Tgt Ion: 43 Resp: 56698
Ion Ratio Lower Upper
43 100
45 13.8 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.257 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 43 Resp: 89939
Ion Ratio Lower Upper
43 100
61 26.3 21.4 32.2

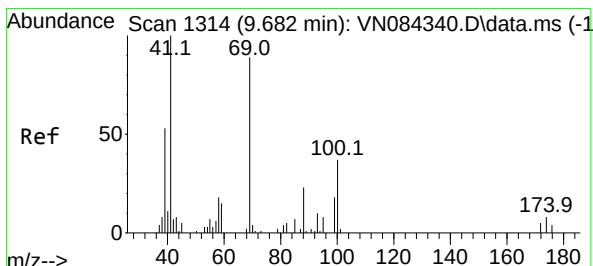
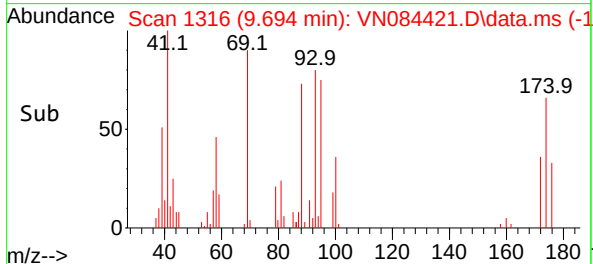
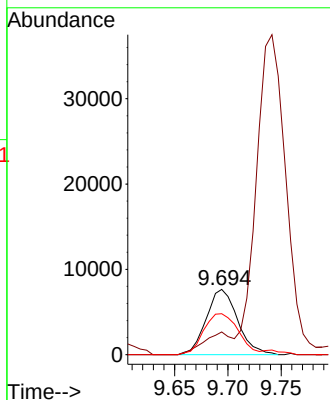
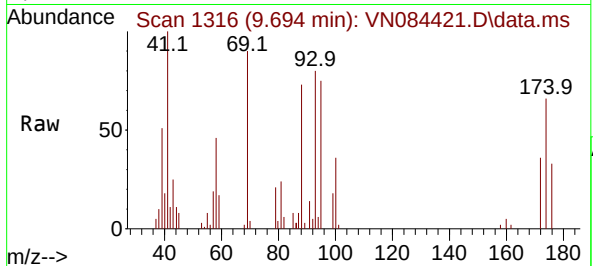




#45
1,4-Dioxane
Concen: 372.838 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

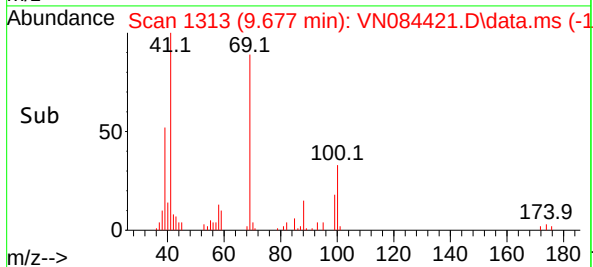
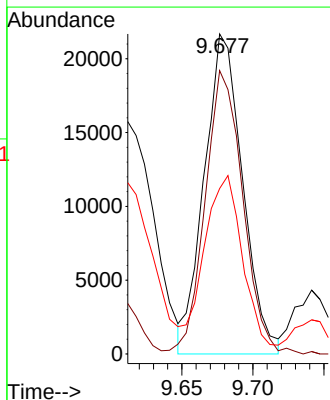
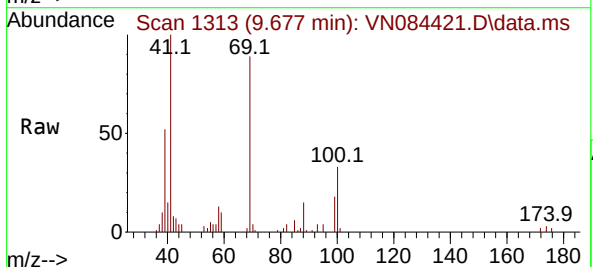
Instrument :
MSVOA_N
ClientSampleId :

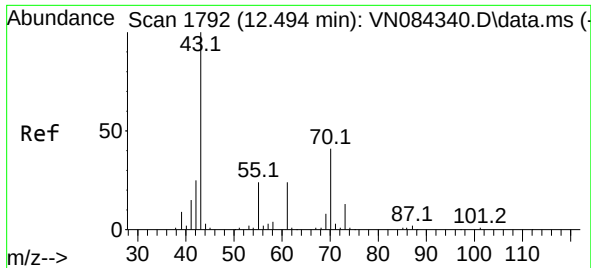
Tgt Ion: 88 Resp: 15697
Ion Ratio Lower Upper
88 100
43 31.5 22.4 33.6
58 68.9 59.7 89.5



#46
Methyl methacrylate
Concen: 18.070 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 41 Resp: 40776
Ion Ratio Lower Upper
41 100
69 91.9 42.6 128.0
39 51.4 27.5 82.4

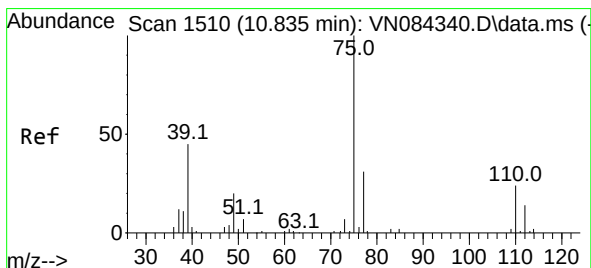
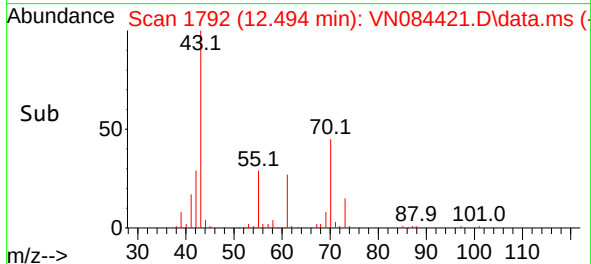
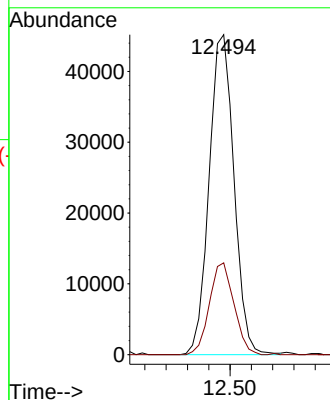
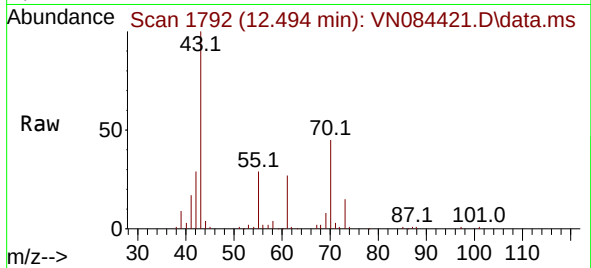




#47
n-amyl acetate
Concen: 17.653 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

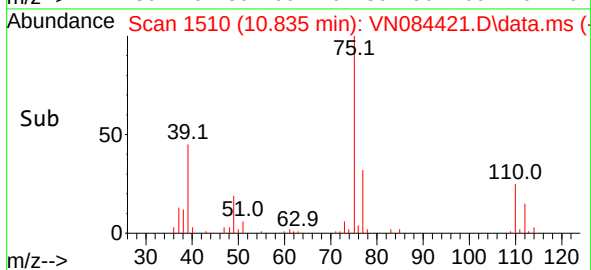
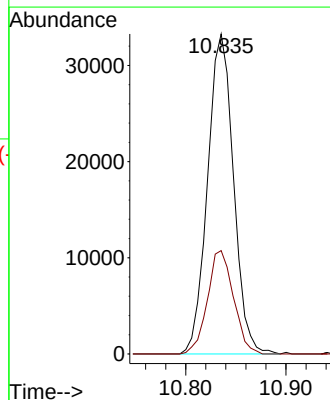
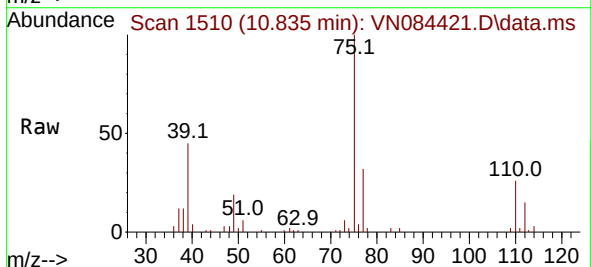
Instrument :
MSVOA_N
ClientSampleId :

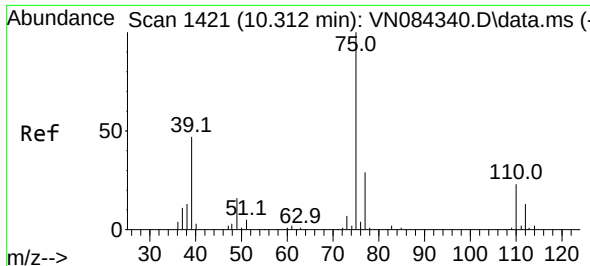
Tgt Ion: 43 Resp: 73332
Ion Ratio Lower Upper
43 100
55 28.3 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 18.846 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 75 Resp: 59936
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0

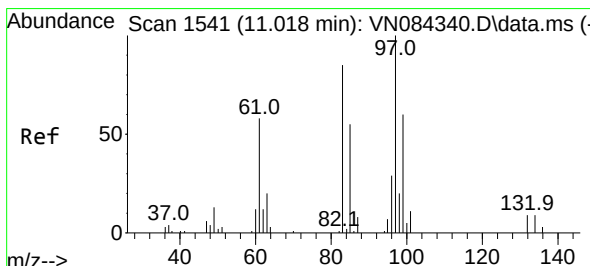
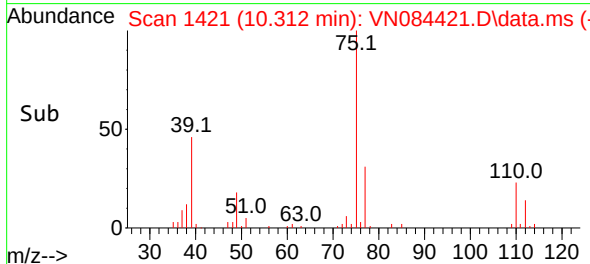
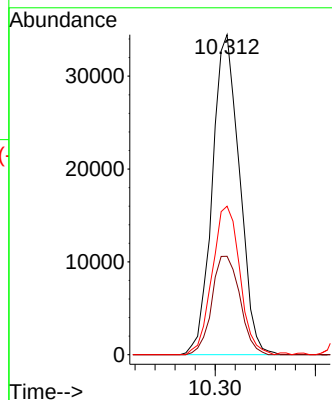
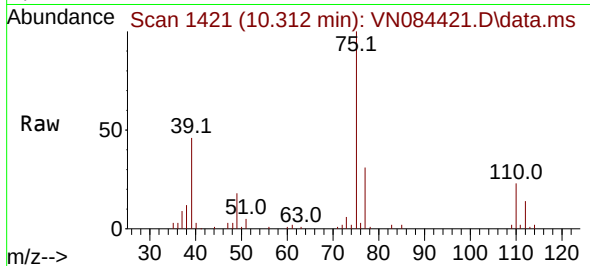




#49
 cis-1,3-Dichloropropene
 Concen: 19.473 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

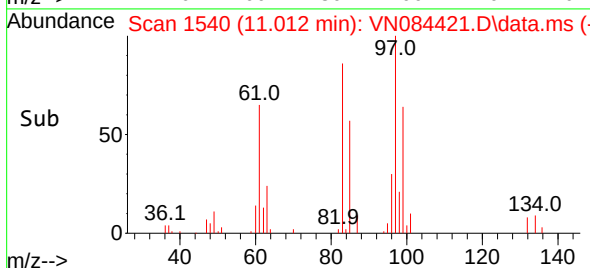
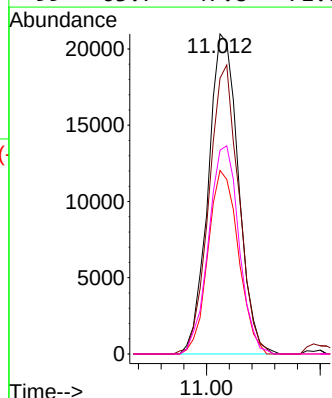
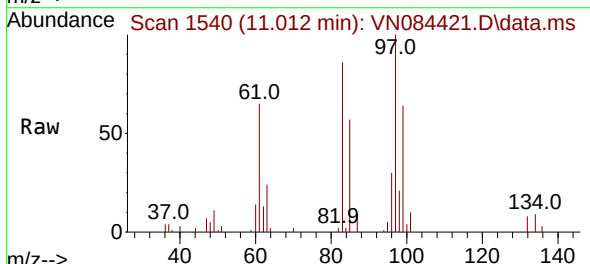
Instrument :
 MSVOA_N
 ClientSampleId :

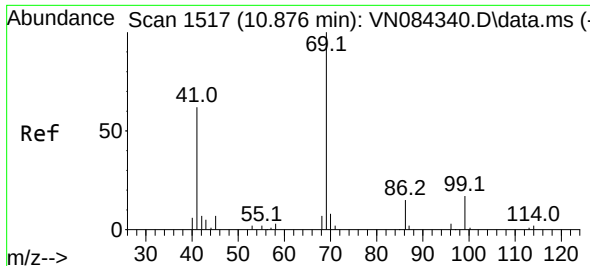
Tgt Ion: 75 Resp: 64905
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.9 34.3
 39 46.4 37.4 56.2



#50
 1,1,2-Trichloroethane
 Concen: 19.901 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Tgt Ion: 97 Resp: 38780
 Ion Ratio Lower Upper
 97 100
 83 86.2 67.8 101.8
 85 57.3 44.2 66.2
 99 63.7 47.8 71.8

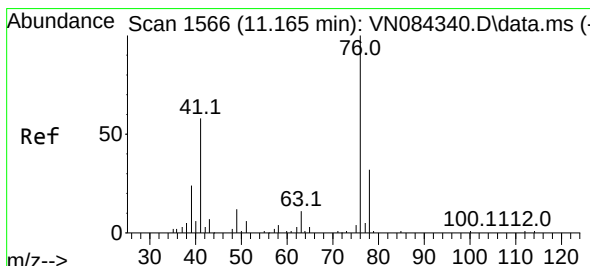
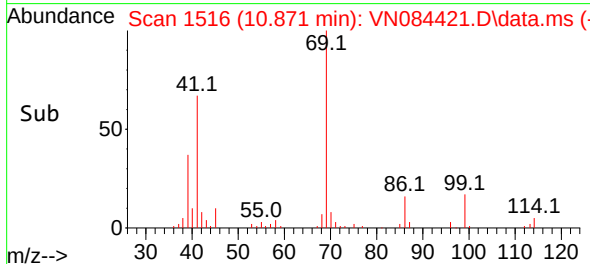
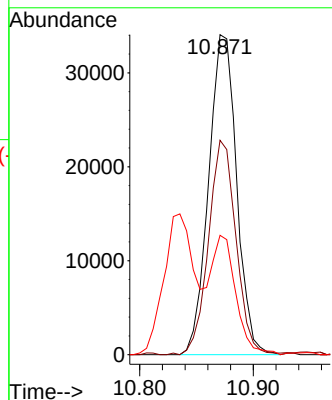
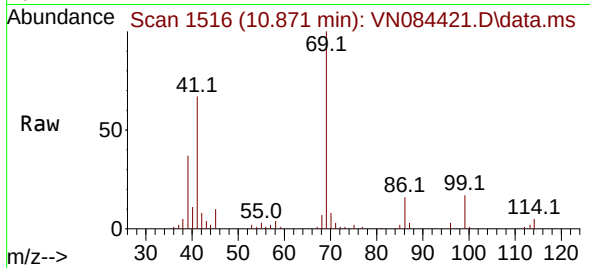




#51
Ethyl methacrylate
Concen: 18.165 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

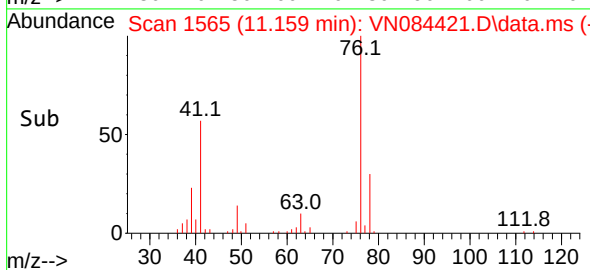
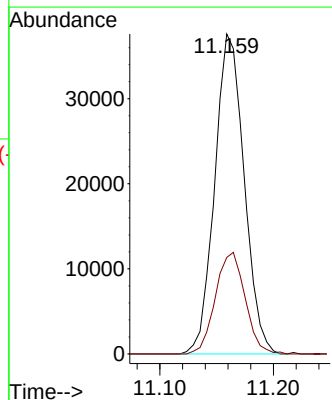
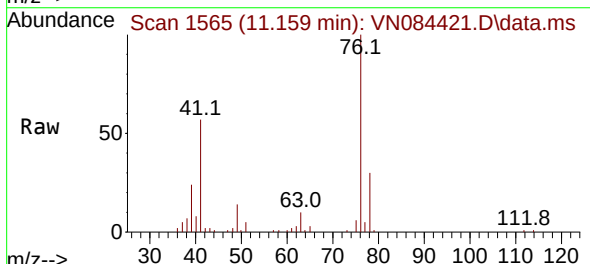
Instrument :
MSVOA_N
ClientSampleId :

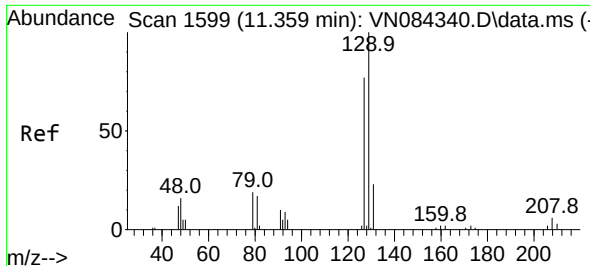
Tgt Ion: 69 Resp: 58469
Ion Ratio Lower Upper
69 100
41 67.0 30.9 92.7
39 37.3 16.6 49.7



#52
1,3-Dichloropropane
Concen: 19.862 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 76 Resp: 67675
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.2

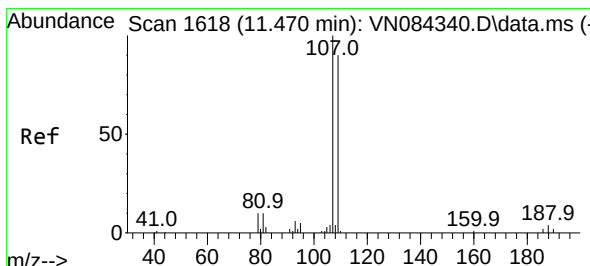
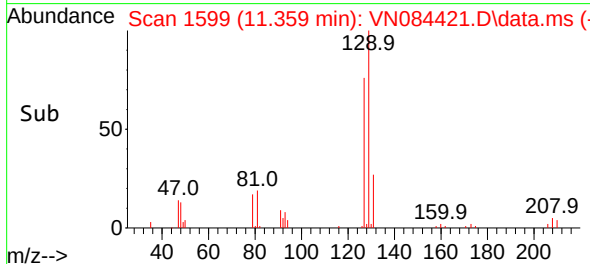
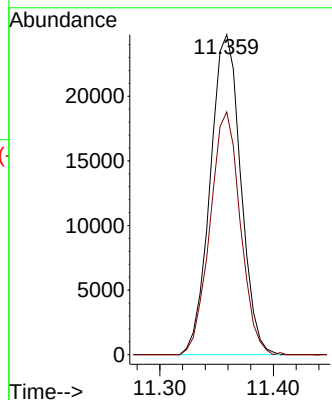
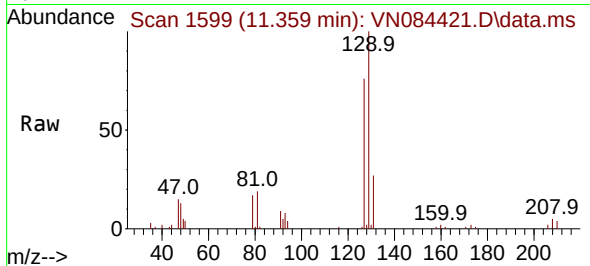




#53
Dibromochloromethane
Concen: 20.079 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

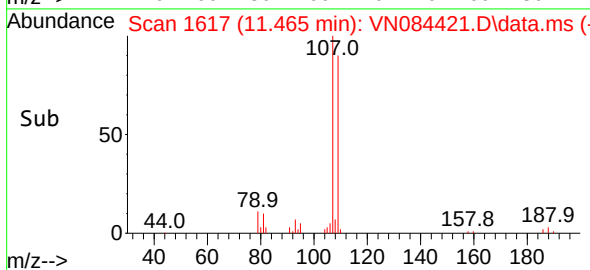
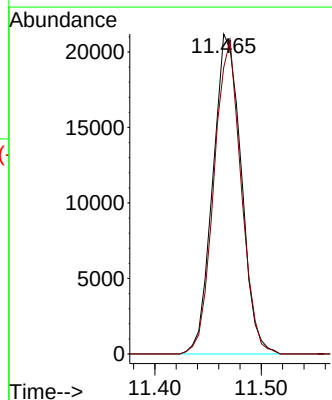
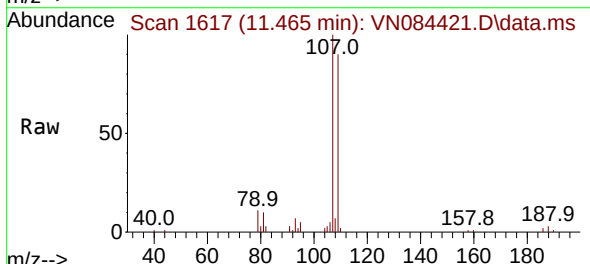
Instrument :
MSVOA_N
ClientSampleId :

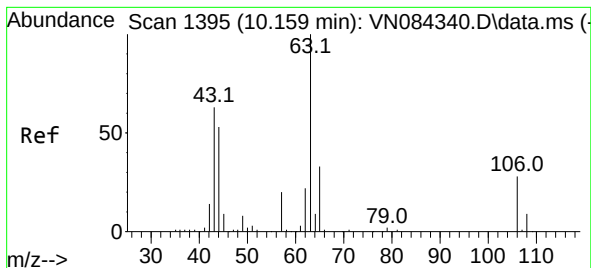
Tgt Ion:129 Resp: 46221
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.5



#54
1,2-Dibromoethane
Concen: 19.481 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion:107 Resp: 39075
Ion Ratio Lower Upper
107 100
109 94.1 73.8 110.6

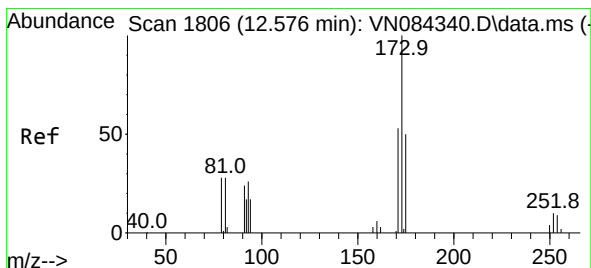
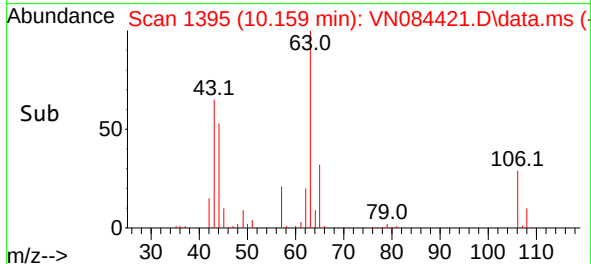
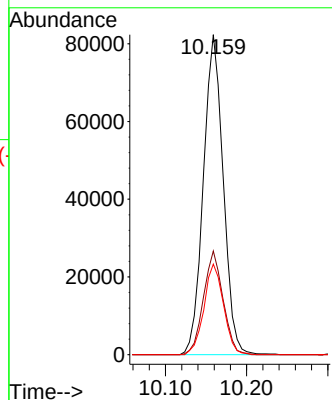
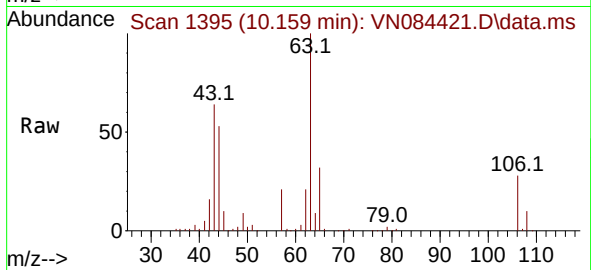




#55
2-Chloroethyl vinyl ether
Concen: 95.803 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

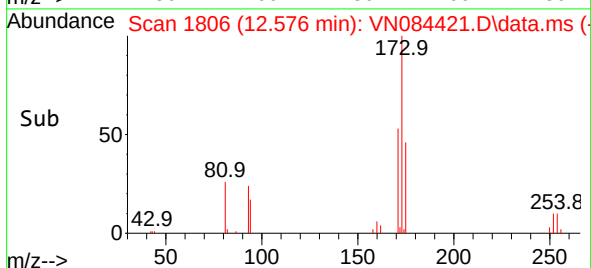
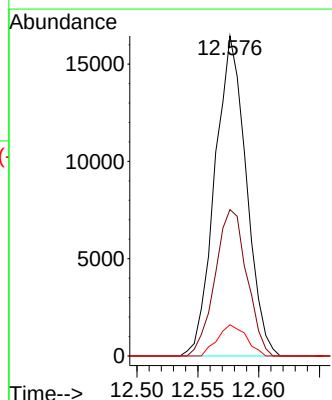
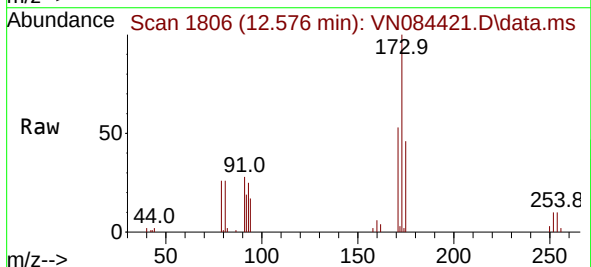
Instrument :
MSVOA_N
ClientSampleId :

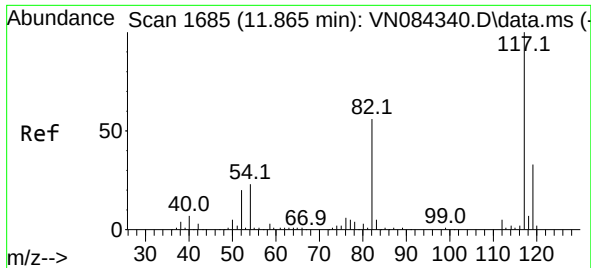
Tgt Ion: 63 Resp: 139859
Ion Ratio Lower Upper
63 100
65 31.9 25.6 38.4
106 27.9 21.6 32.4



#56
Bromoform
Concen: 19.297 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 173 Resp: 29462
Ion Ratio Lower Upper
173 100
175 46.3 39.4 59.2
254 8.9 6.8 10.2

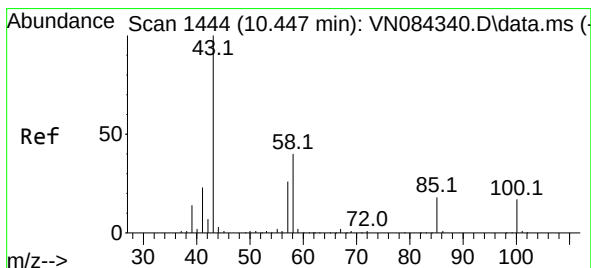
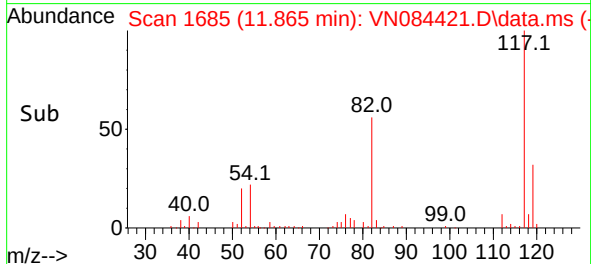
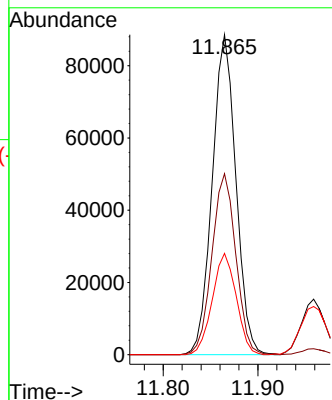
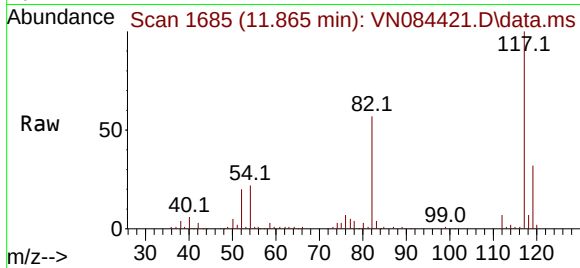




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

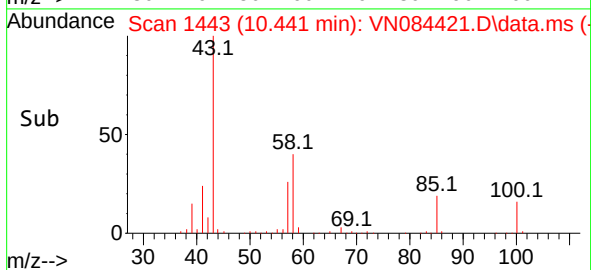
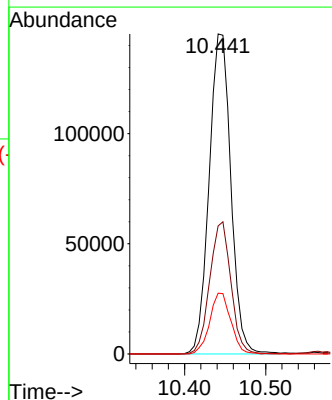
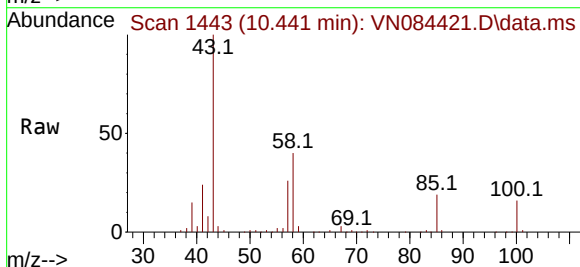
Instrument :
MSVOA_N
ClientSampleId :

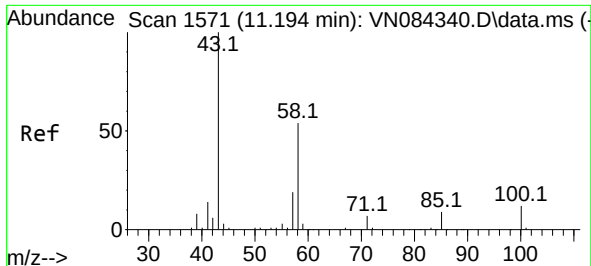
Tgt Ion:117 Resp: 153767
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 94.296 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 43 Resp: 270105
Ion Ratio Lower Upper
43 100
58 40.2 31.9 47.9
85 18.4 14.6 22.0

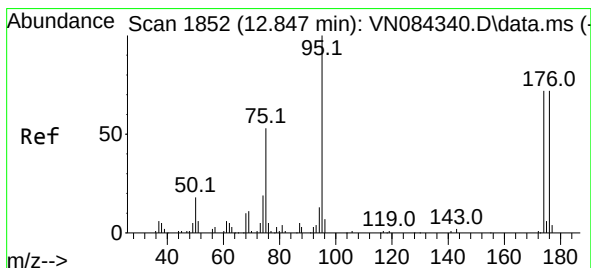
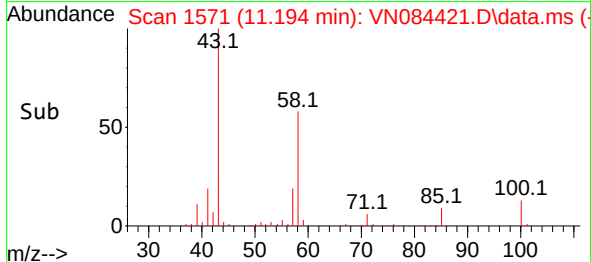
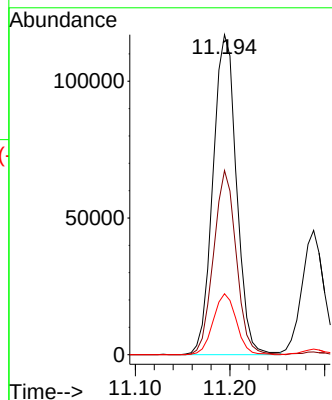
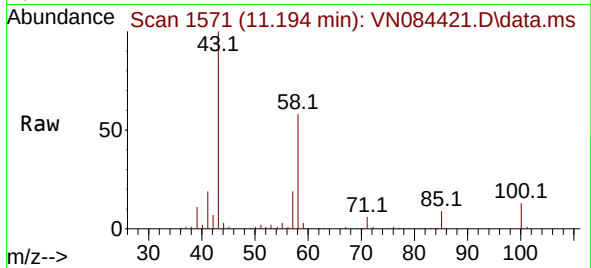




#59
2-Hexanone
Concen: 95.032 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

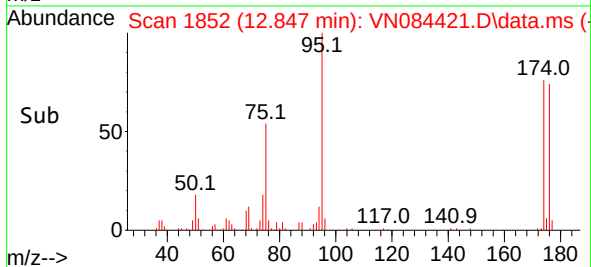
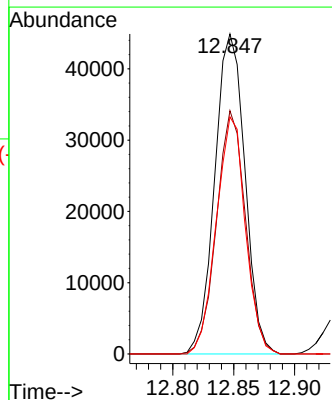
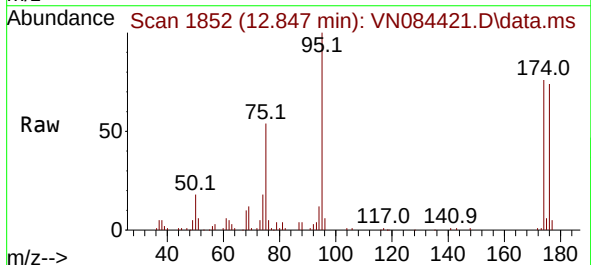
Instrument :
MSVOA_N
ClientSampleId :

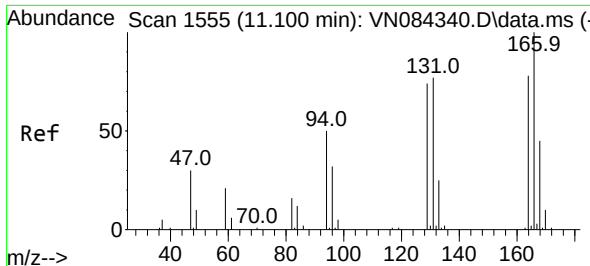
Tgt Ion: 43 Resp: 202276
Ion Ratio Lower Upper
43 100
58 55.4 44.0 66.0
57 18.7 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

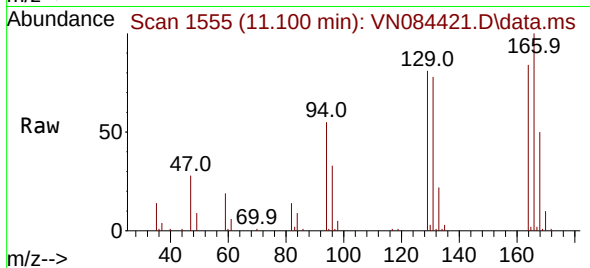
Tgt Ion: 95 Resp: 77443
Ion Ratio Lower Upper
95 100
174 72.9 58.2 87.2
176 71.4 56.4 84.6



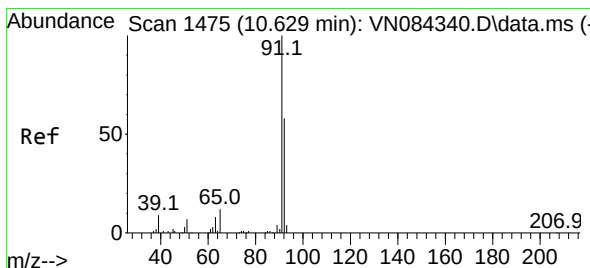
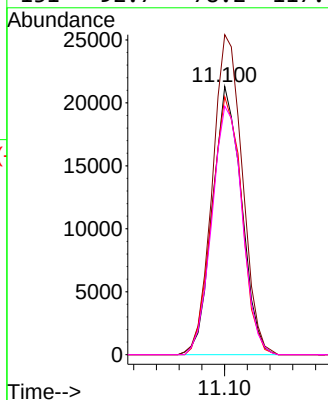
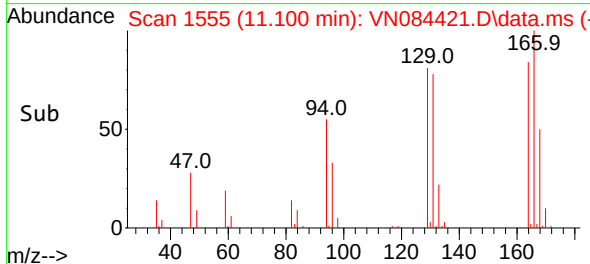


#61
Tetrachloroethene
Concen: 21.827 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

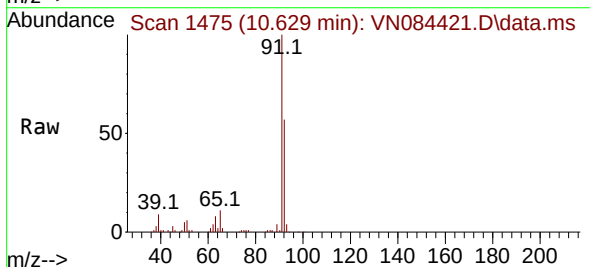
Instrument :
MSVOA_N
ClientSampleId :



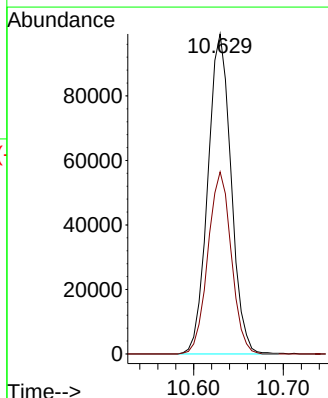
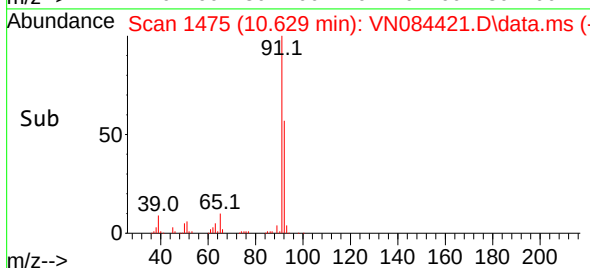
Tgt Ion:	164	Resp:	37964
Ion	Ratio	Lower	Upper
164	100		
166	119.3	102.5	153.7
129	96.2	75.7	113.5
131	92.7	78.2	117.4

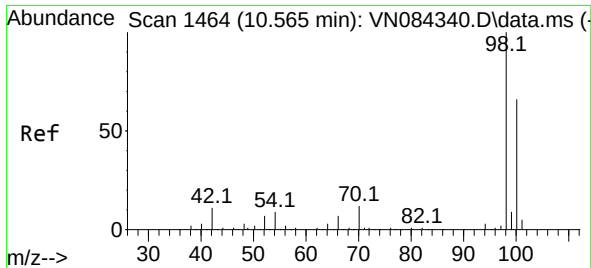


#62
Toluene
Concen: 19.827 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09



Tgt Ion:	91	Resp:	178483
Ion	Ratio	Lower	Upper
91	100		
92	57.1	47.2	70.8

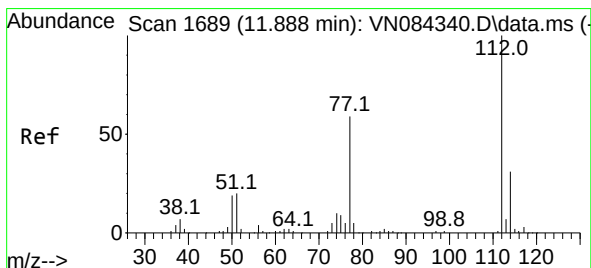
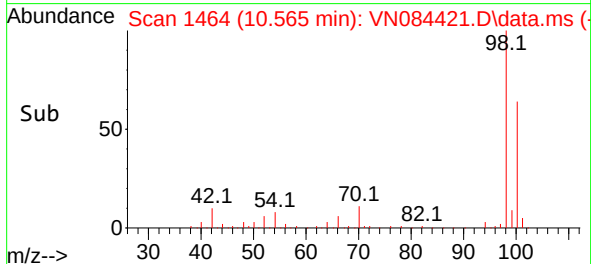
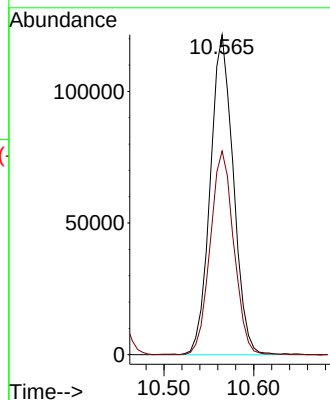
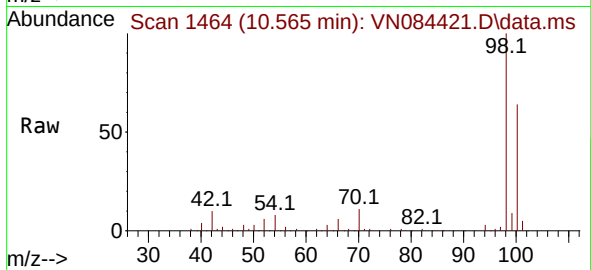




#63
Toluene-d8
Concen: 30.475 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

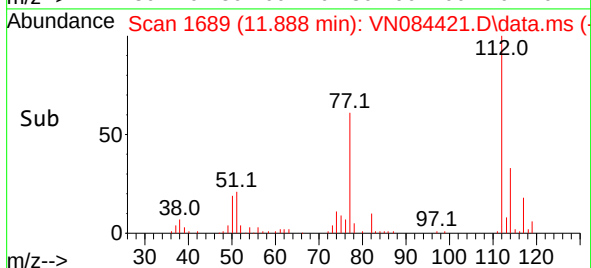
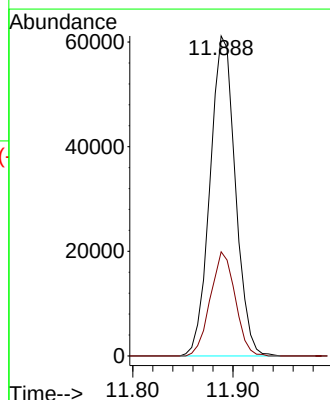
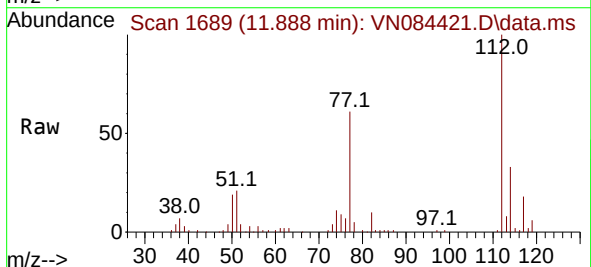
Instrument :
MSVOA_N
ClientSampleId :

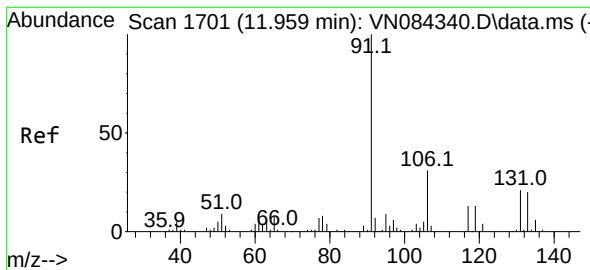
Tgt Ion: 98 Resp: 217089
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#64
Chlorobenzene
Concen: 19.166 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 112 Resp: 107366
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7

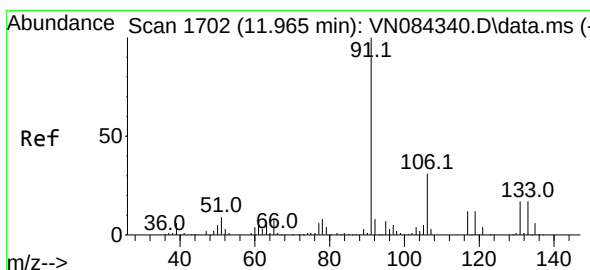
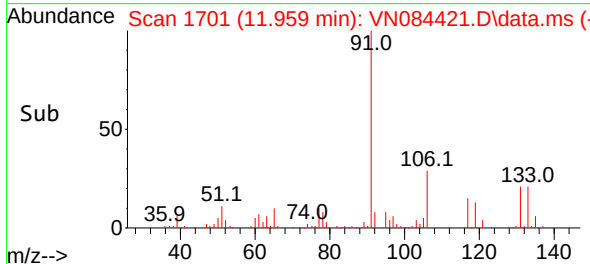
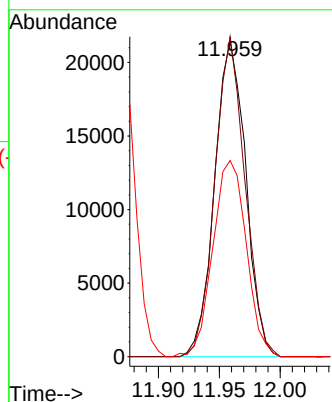
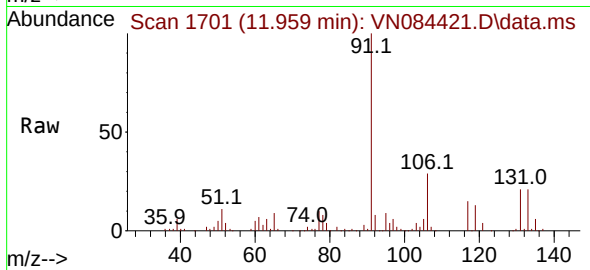




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.642 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

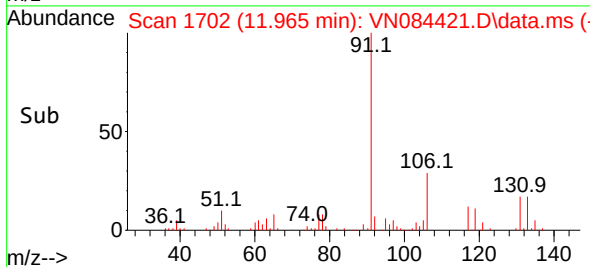
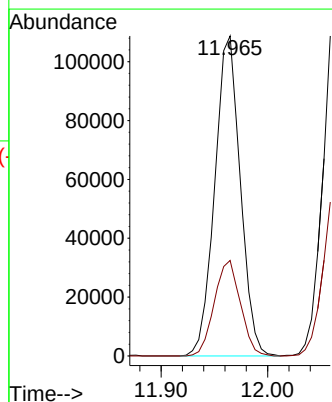
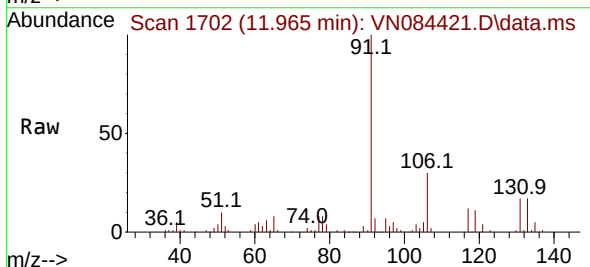
Instrument :
 MSVOA_N
 ClientSampleId :

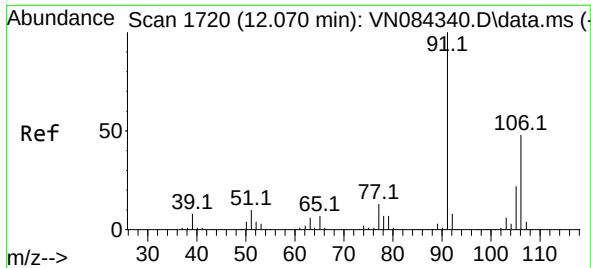
Tgt Ion:131 Resp: 38224
 Ion Ratio Lower Upper
 131 100
 133 98.0 0.0 190.4
 119 66.6 0.0 130.0



#66
 Ethyl Benzene
 Concen: 18.485 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Tgt Ion: 91 Resp: 180780
 Ion Ratio Lower Upper
 91 100
 106 29.9 25.2 37.8

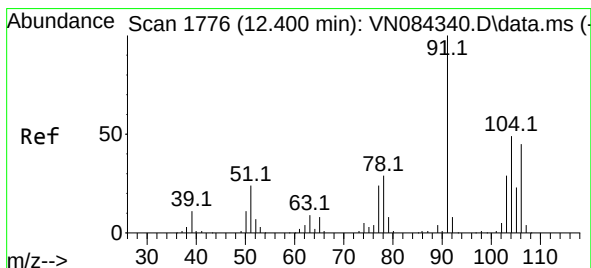
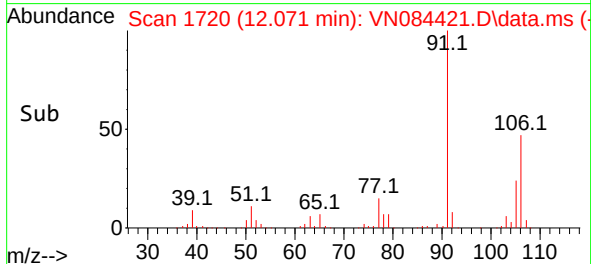
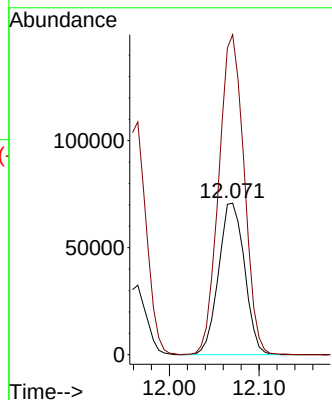
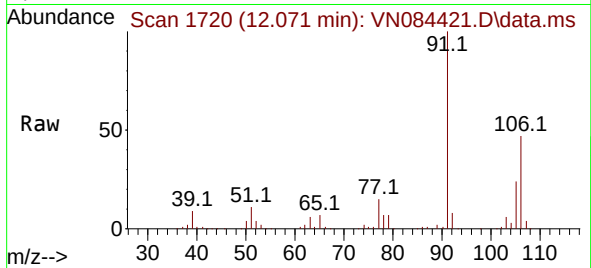




#67
m/p-Xylenes
Concen: 38.392 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

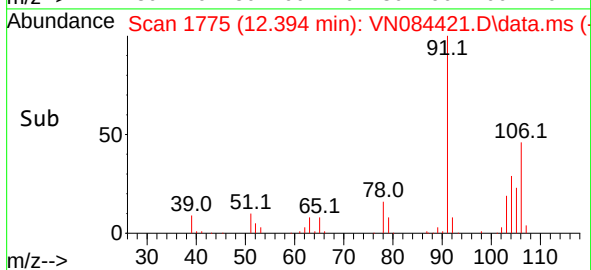
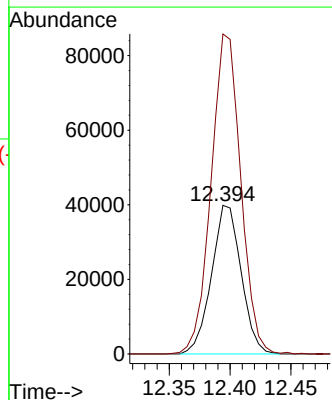
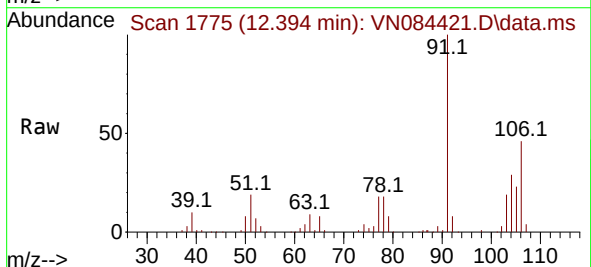
Instrument :
MSVOA_N
ClientSampleId :

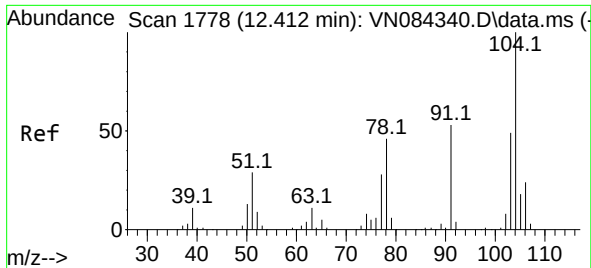
Tgt Ion:106 Resp: 142436
Ion Ratio Lower Upper
106 100
91 206.1 166.7 250.1



#68
o-Xylene
Concen: 18.863 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion:106 Resp: 67457
Ion Ratio Lower Upper
106 100
91 215.5 110.9 332.9

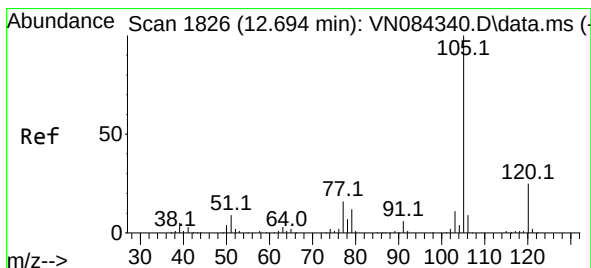
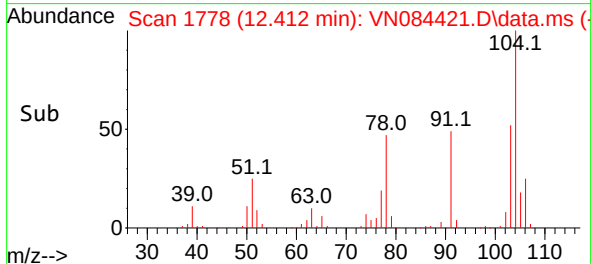
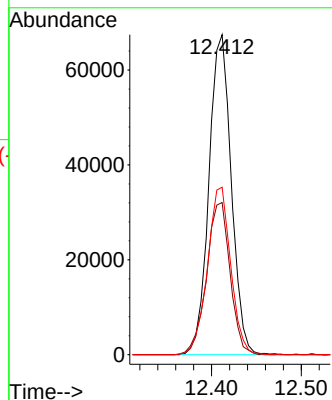
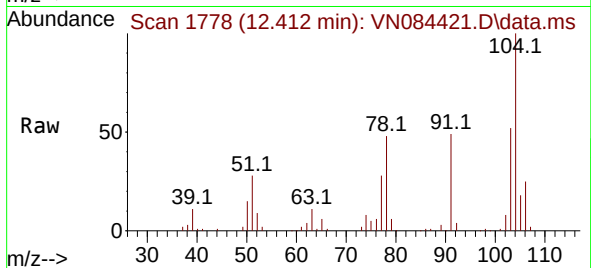




#69
Styrene
Concen: 19.024 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

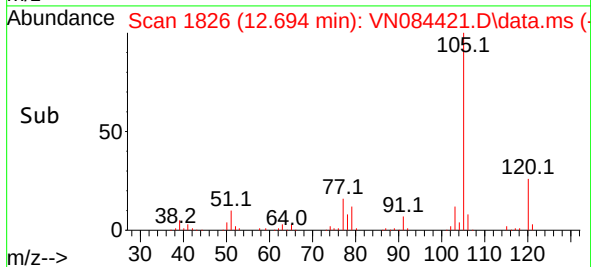
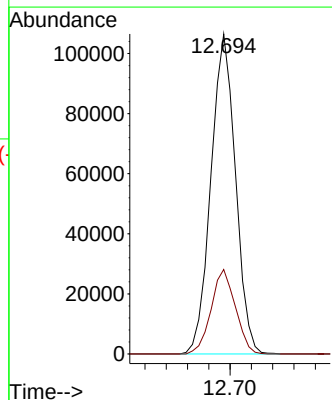
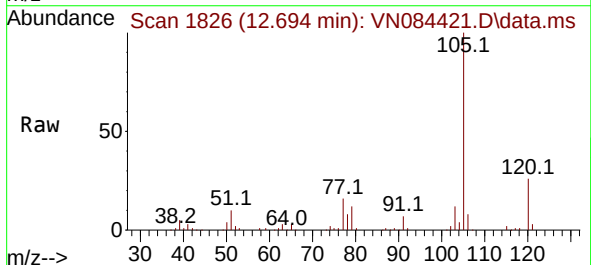
Instrument :
MSVOA_N
ClientSampleId :

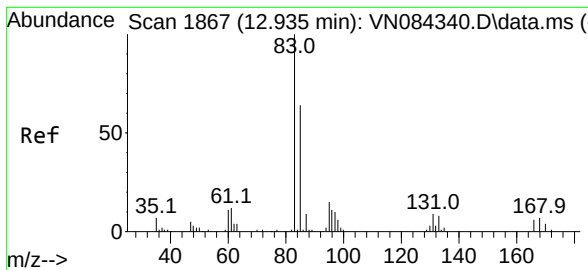
Tgt Ion:104 Resp: 116785
Ion Ratio Lower Upper
104 100
78 50.0 41.6 62.4
103 54.4 44.4 66.6



#70
Isopropylbenzene
Concen: 18.670 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion:105 Resp: 170445
Ion Ratio Lower Upper
105 100
120 26.1 17.4 32.4

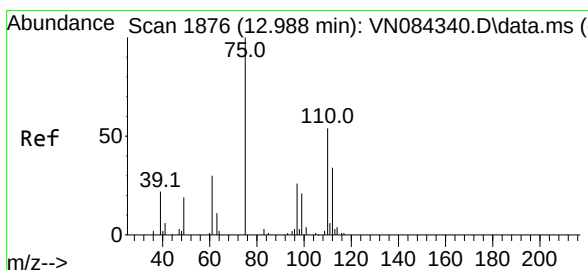
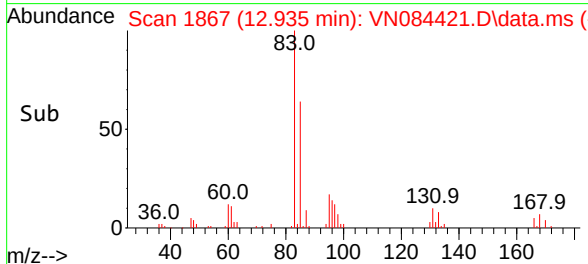
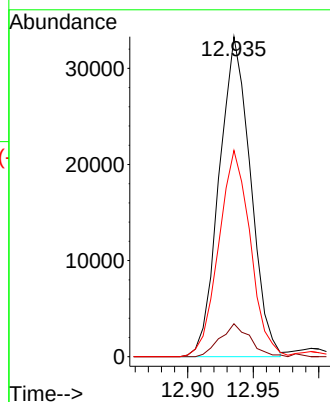
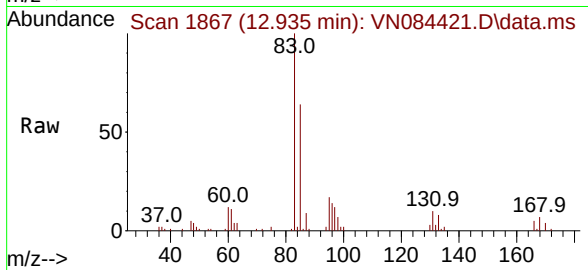




#71
 1,1,2-Tetrachloroethane
 Concen: 19.600 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

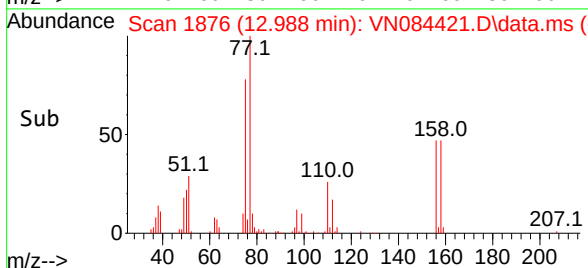
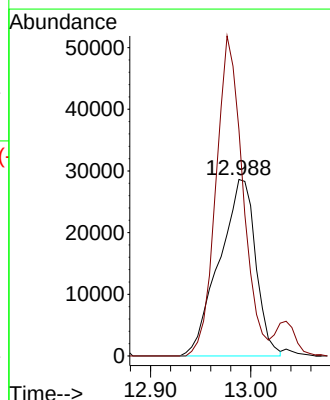
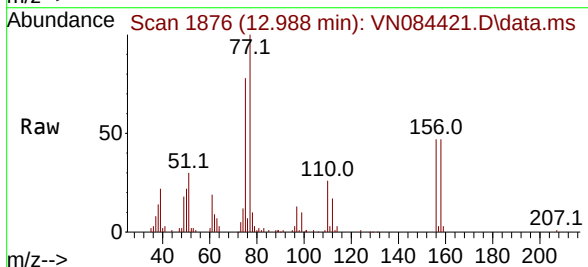
Instrument :
 MSVOA_N
 ClientSampleId :

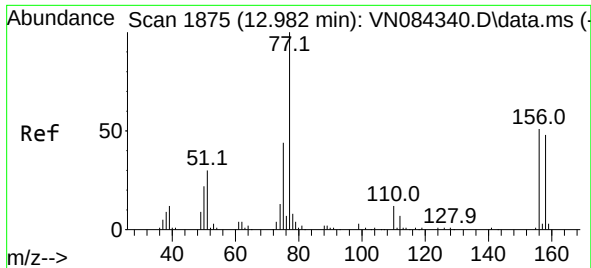
Tgt Ion: 83 Resp: 55355
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 65.0 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 29.835 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Tgt Ion: 75 Resp: 72162
 Ion Ratio Lower Upper
 75 100
 77 133.9 0.0 414.0

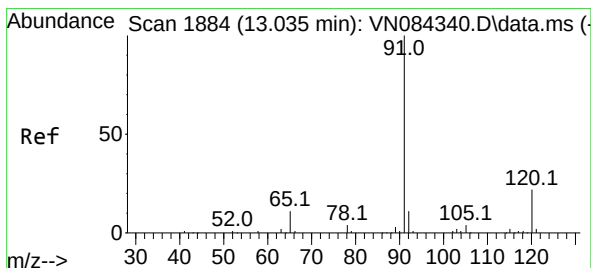
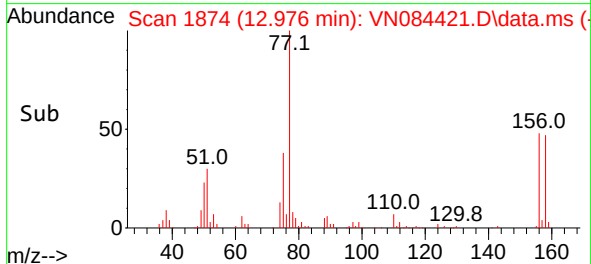
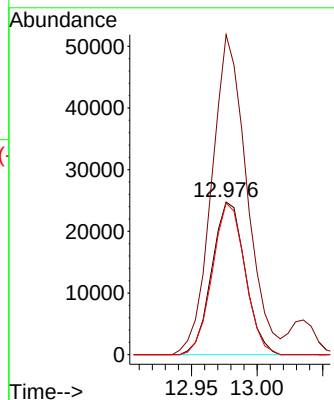
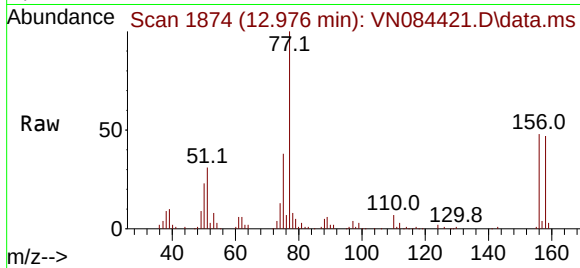




#73
Bromobenzene
Concen: 19.741 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

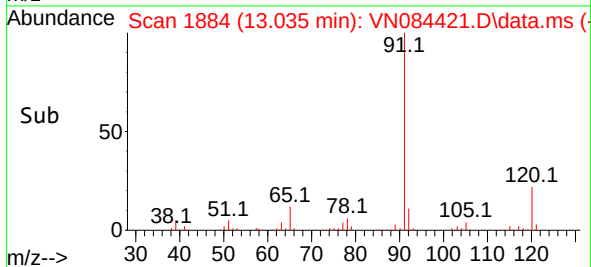
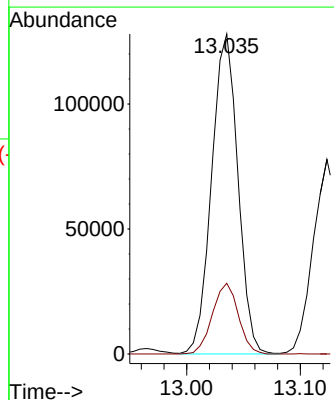
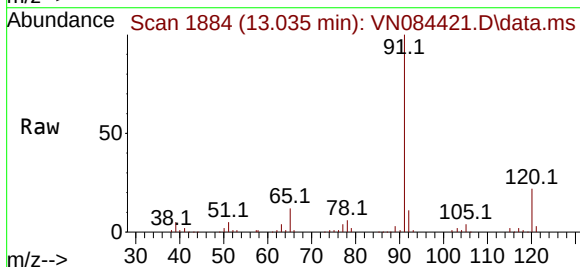
Instrument :
MSVOA_N
ClientSampleId :

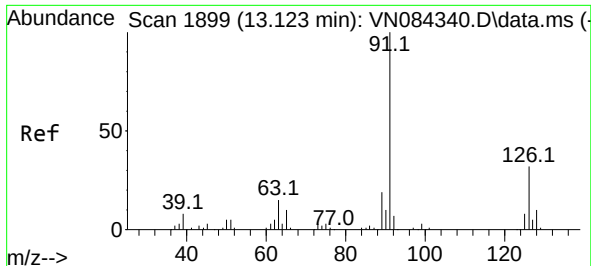
Tgt Ion:156 Resp: 43647
Ion Ratio Lower Upper
156 100
77 221.3 0.0 451.0
158 97.2 0.0 194.6



#74
n-propylbenzene
Concen: 18.930 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 91 Resp: 205943
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.2

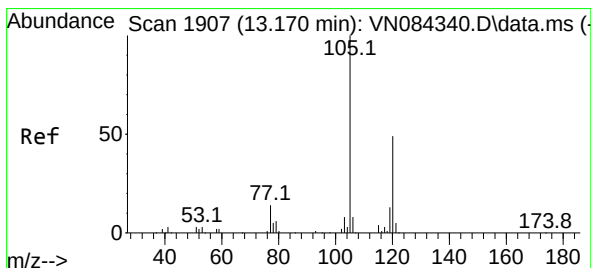
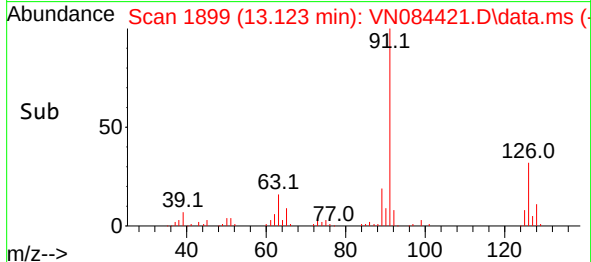
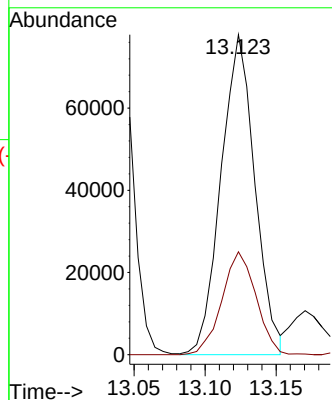
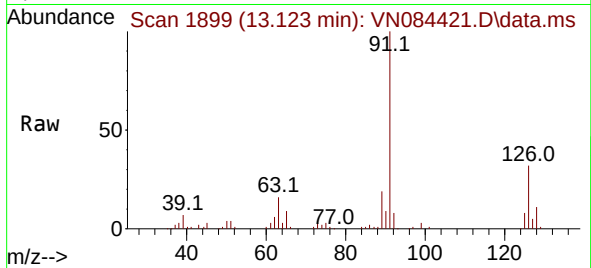




#75
2-Chlorotoluene
Concen: 19.105 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

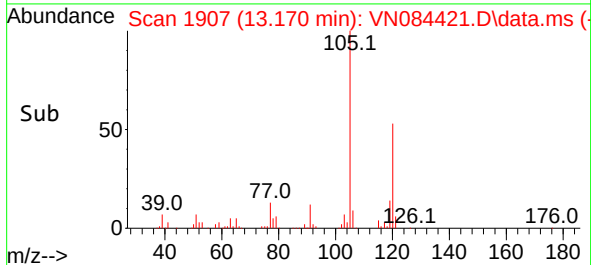
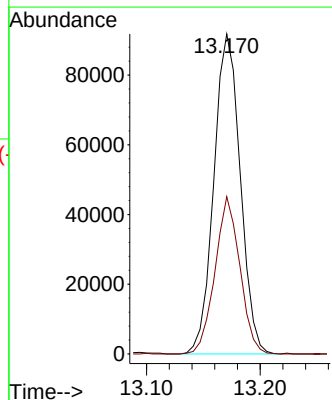
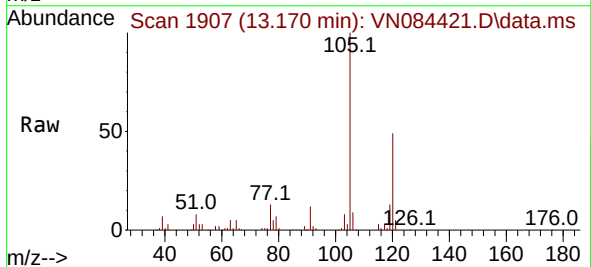
Instrument :
MSVOA_N
ClientSampleId :

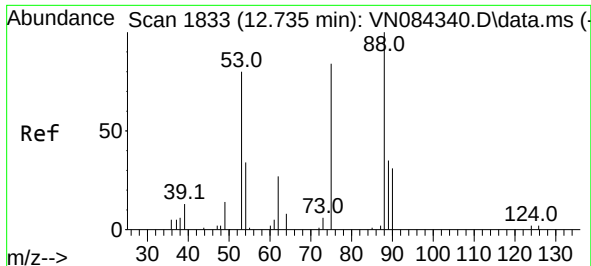
Tgt Ion: 91 Resp: 129158
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 19.273 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion:105 Resp: 148153
Ion Ratio Lower Upper
105 100
120 46.3 0.0 94.4

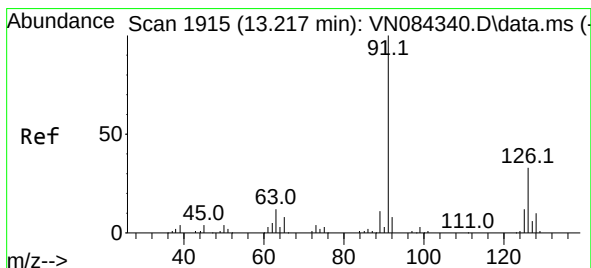
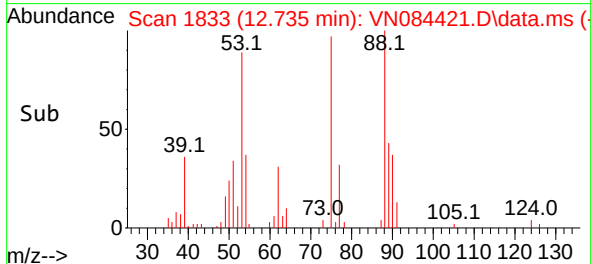
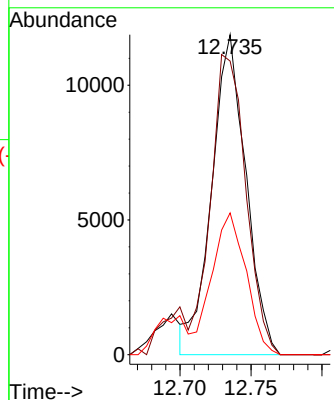
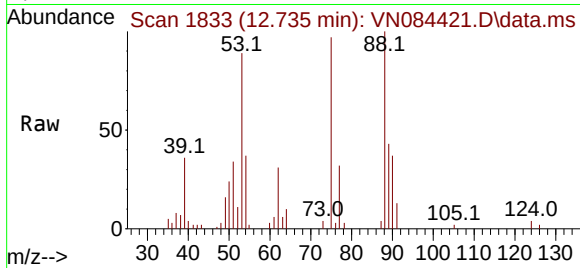




#77
t-1,4-Dichloro-2-butene
Concen: 19.229 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

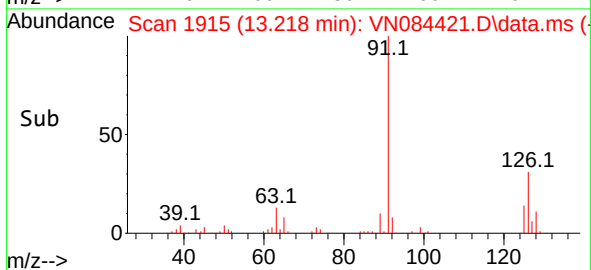
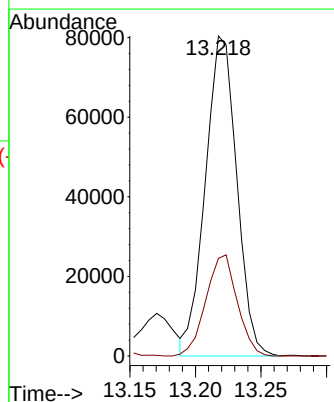
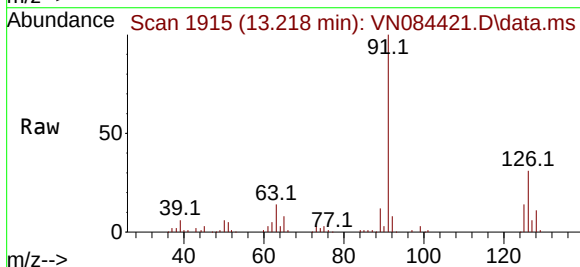
Instrument :
MSVOA_N
ClientSampleId :

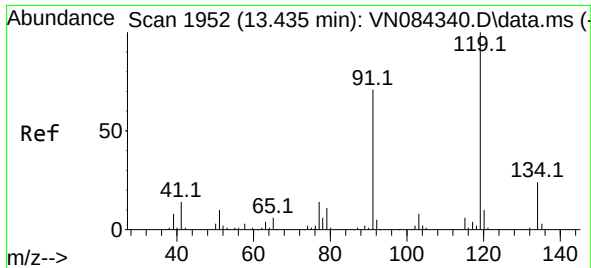
Tgt Ion: 75 Resp: 19875
Ion Ratio Lower Upper
75 100
53 91.8 47.3 142.0
89 44.3 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.515 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion: 91 Resp: 134127
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.4

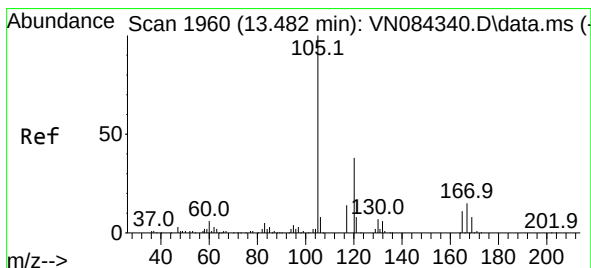
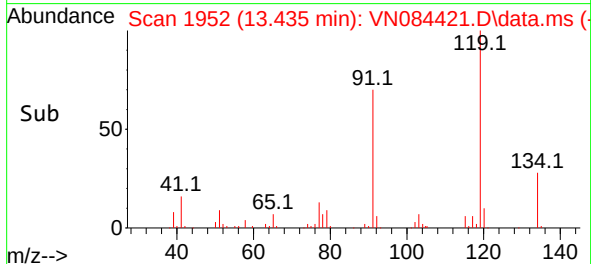
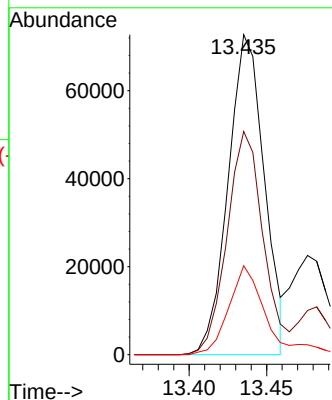
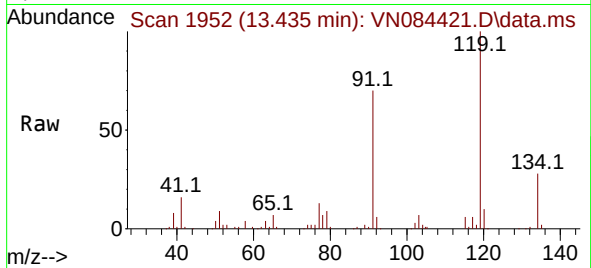




#79
tert-butylbenzene
Concen: 17.990 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

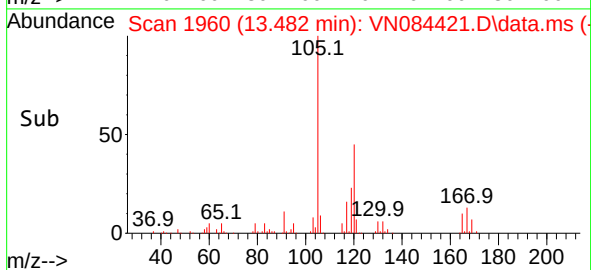
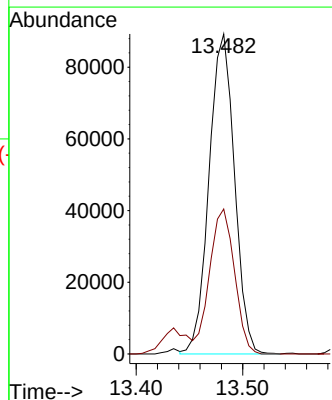
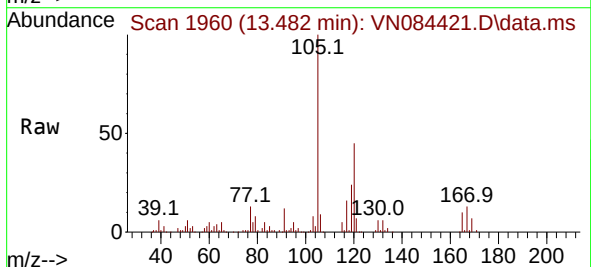
Instrument :
MSVOA_N
ClientSampleId :

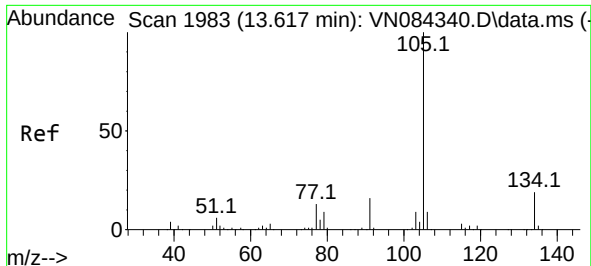
Tgt Ion:119 Resp: 117975
Ion Ratio Lower Upper
119 100
91 70.2 0.0 138.0
134 26.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.987 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084421.D
Acq: 18 Oct 2024 11:09

Tgt Ion:105 Resp: 148088
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.8

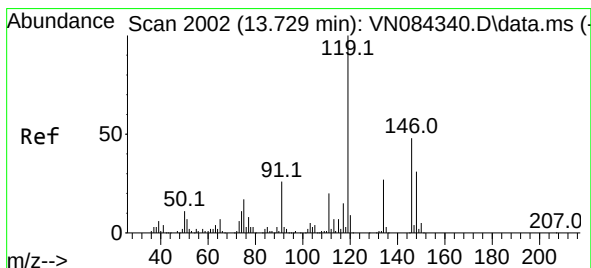
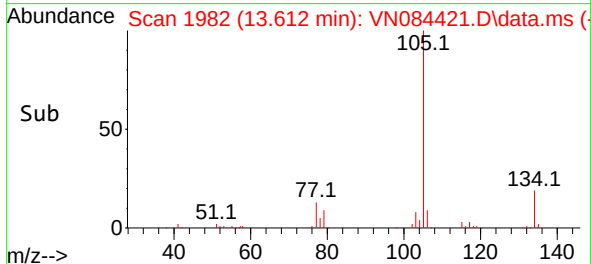
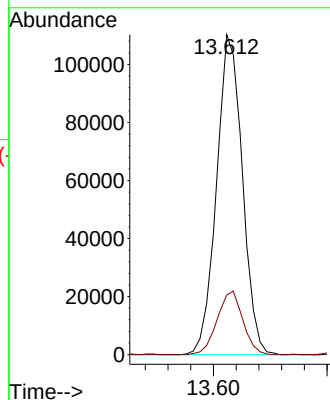
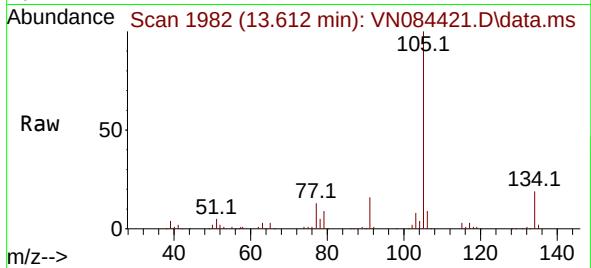




#81
 sec-Butylbenzene
 Concen: 19.279 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

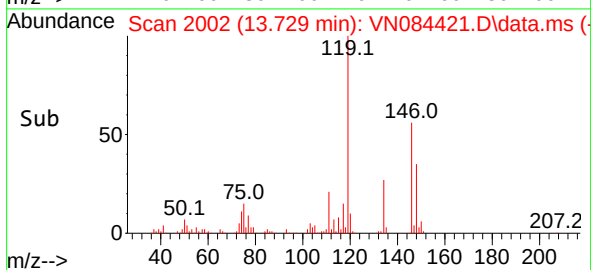
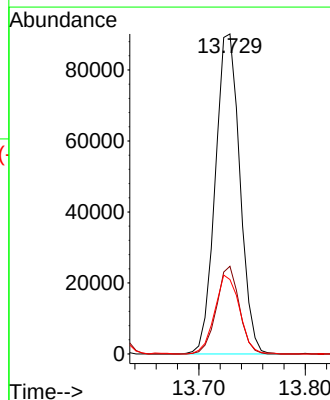
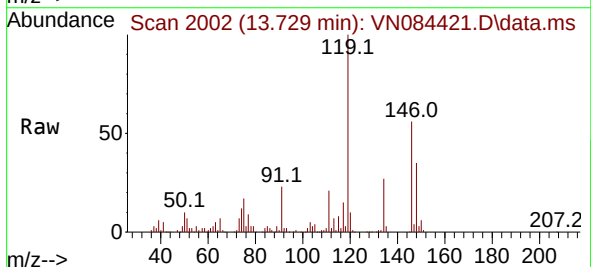
Instrument :
 MSVOA_N
 ClientSampleId :

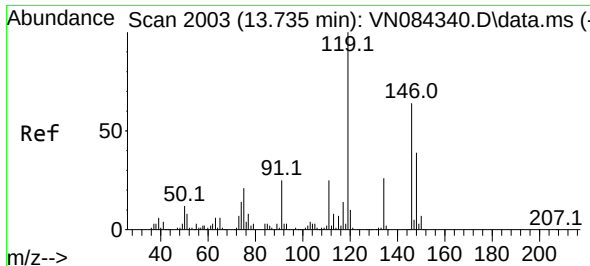
Tgt Ion:105 Resp: 174069
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 18.999 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Tgt Ion:119 Resp: 144384
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.2
 91 24.9 0.0 50.6

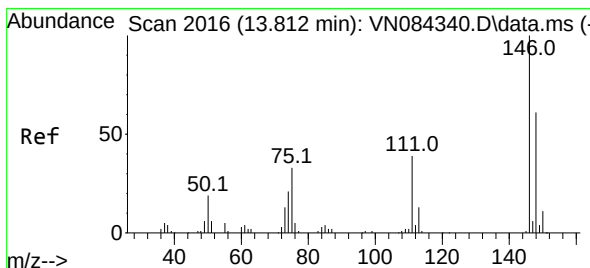
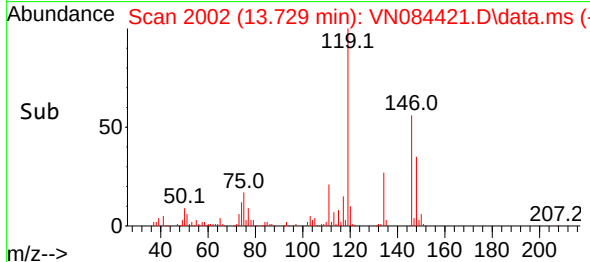
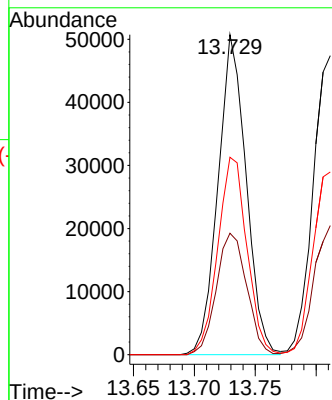
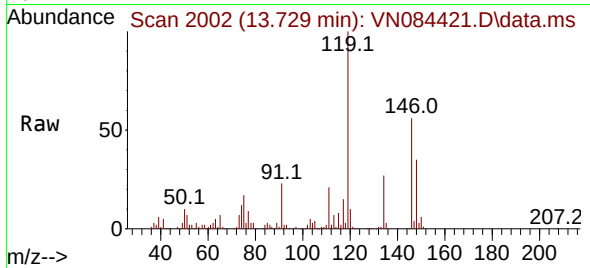




#83
 1,3-Dichlorobenzene
 Concen: 19.797 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

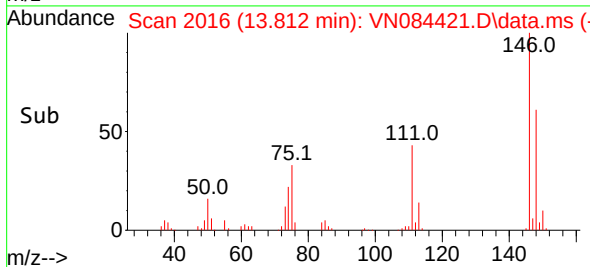
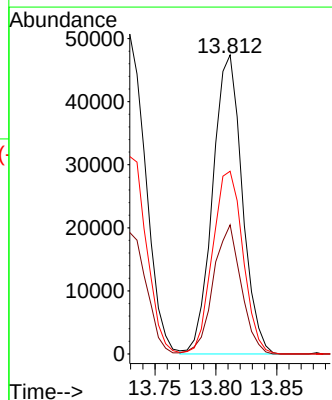
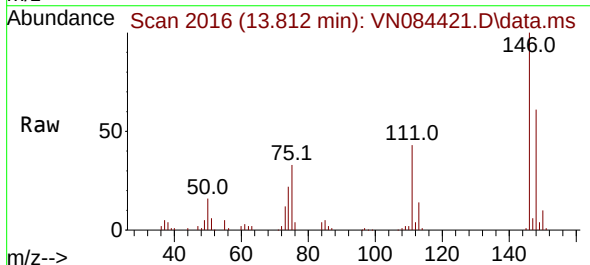
Instrument :
 MSVOA_N
 ClientSampleId :

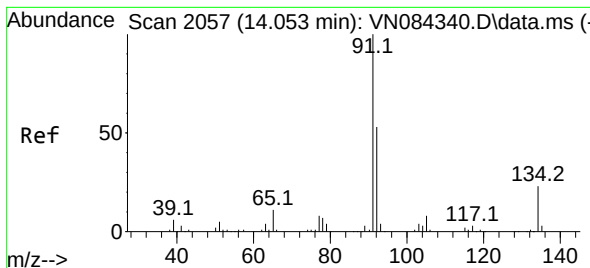
Tgt Ion:146 Resp: 81387
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 64.1 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 19.559 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084421.D
 Acq: 18 Oct 2024 11:09

Tgt Ion:146 Resp: 79847
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 63.0 32.5 97.4





#85

n-Butylbenzene

Concen: 18.223 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

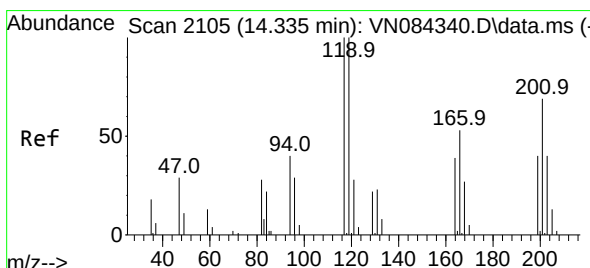
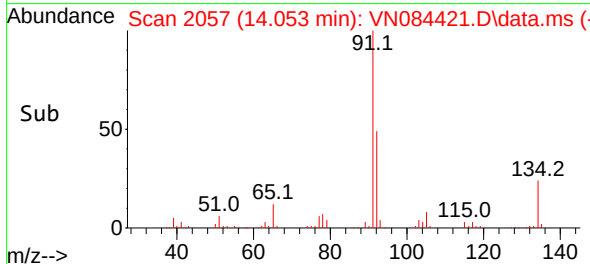
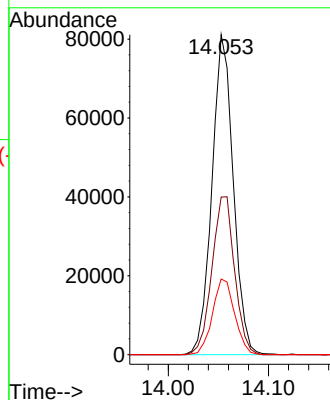
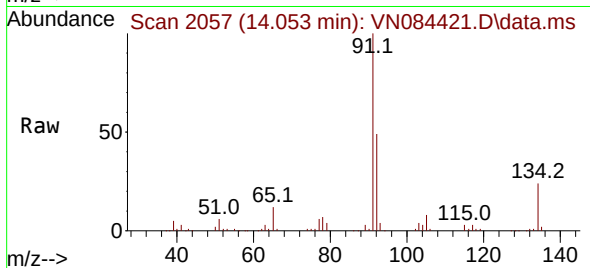
Tgt Ion: 91 Resp: 119942

Ion Ratio Lower Upper

91 100

92 52.4 0.0 103.4

134 24.5 0.0 48.0



#86

Hexachloroethane

Concen: 18.950 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN084421.D

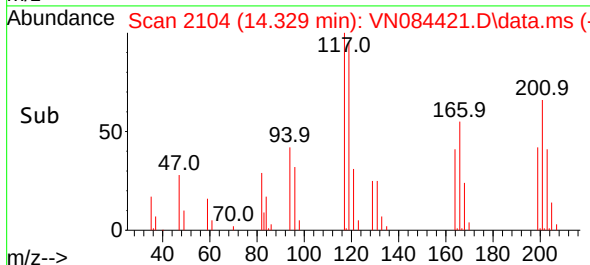
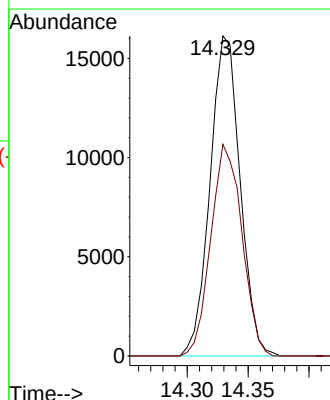
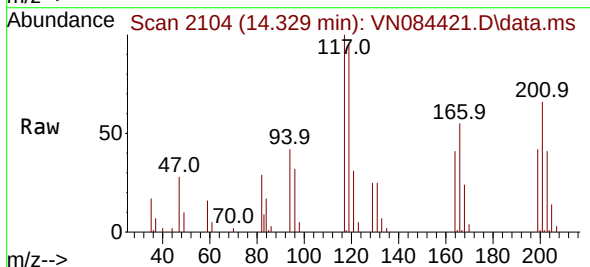
Acq: 18 Oct 2024 11:09

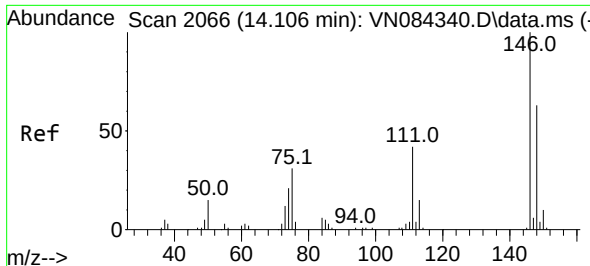
Tgt Ion: 117 Resp: 27745

Ion Ratio Lower Upper

117 100

201 68.4 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.993 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

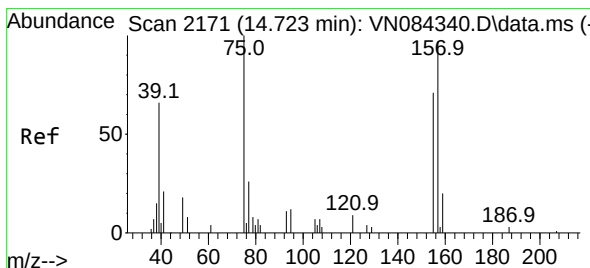
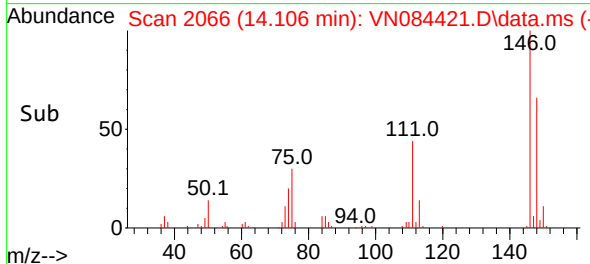
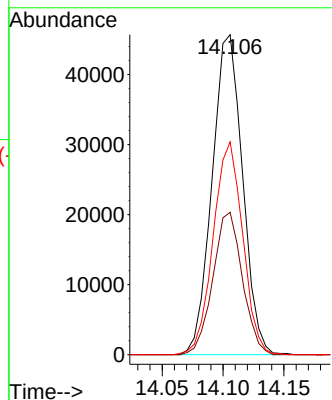
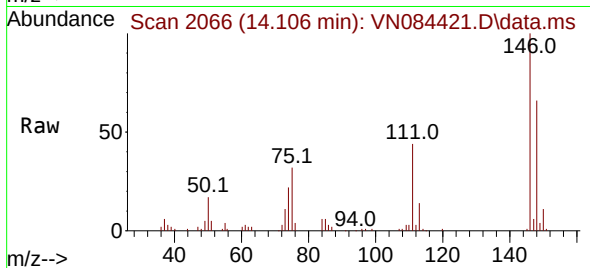
Tgt Ion:146 Resp: 79467

Ion Ratio Lower Upper

146 100

111 43.0 21.9 65.5

148 64.5 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.635 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

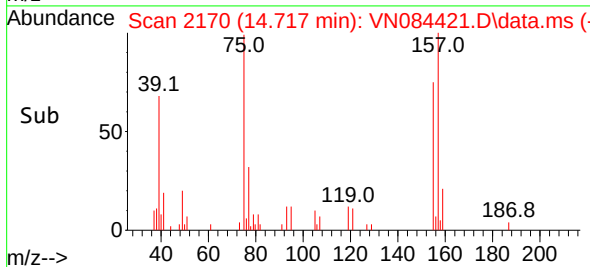
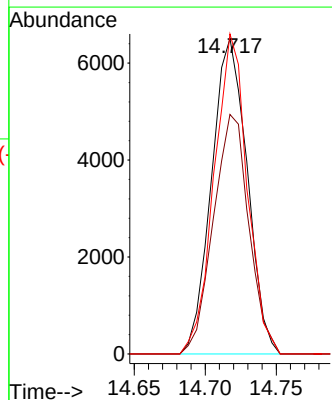
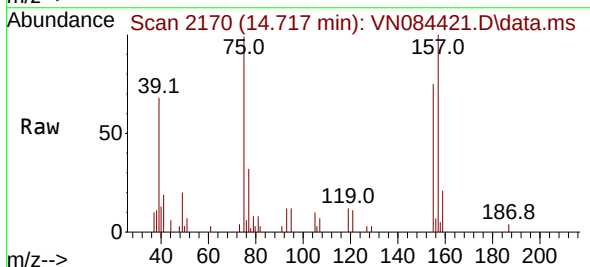
Tgt Ion: 75 Resp: 11340

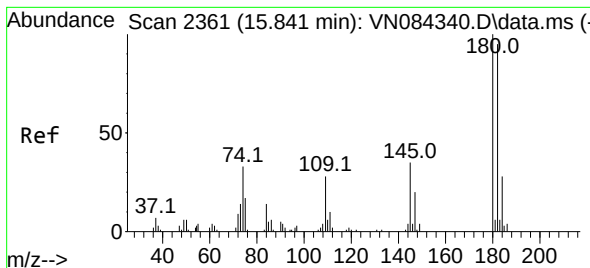
Ion Ratio Lower Upper

75 100

155 75.7 61.8 92.8

157 94.2 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 18.627 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

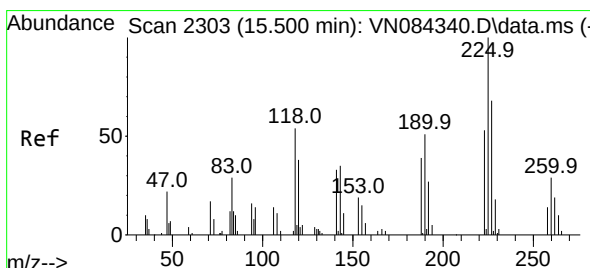
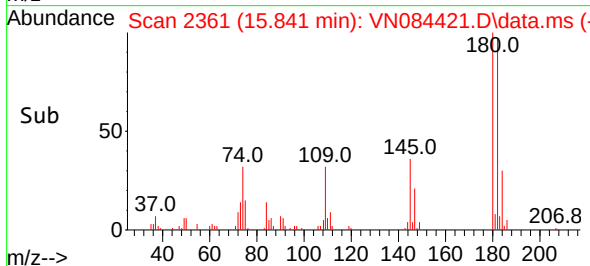
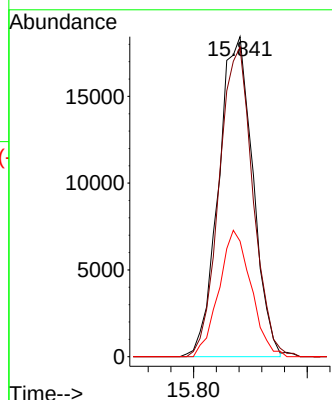
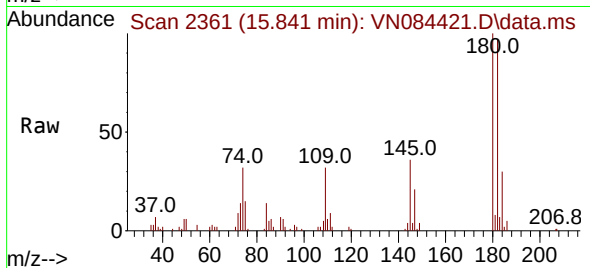
Tgt Ion:180 Resp: 38496

Ion Ratio Lower Upper

180 100

182 95.2 77.8 116.6

145 37.1 28.9 43.3



#90

Hexachlorobutadiene

Concen: 19.459 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

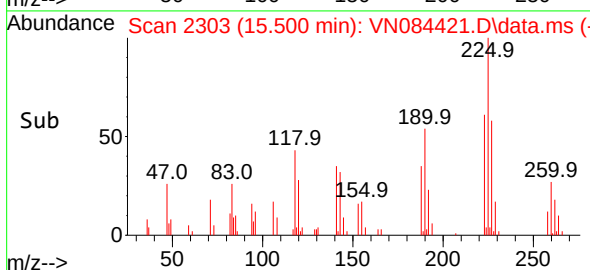
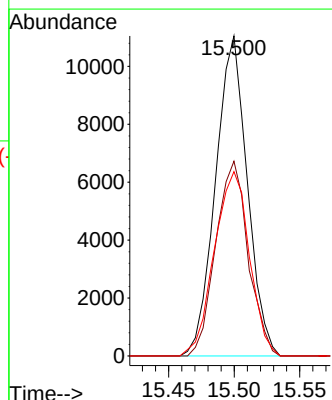
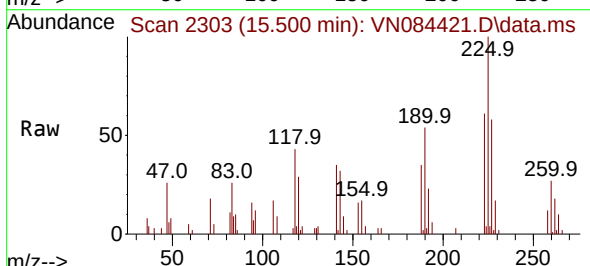
Tgt Ion:225 Resp: 18604

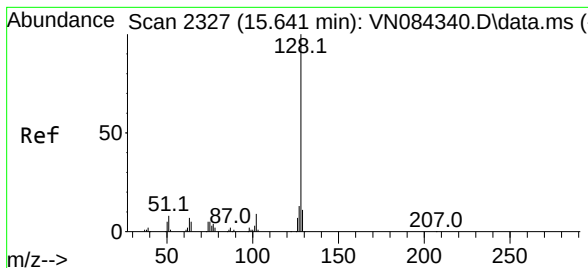
Ion Ratio Lower Upper

225 100

223 62.1 0.0 124.0

227 63.5 0.0 130.8





#91

Naphthalene

Concen: 16.527 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

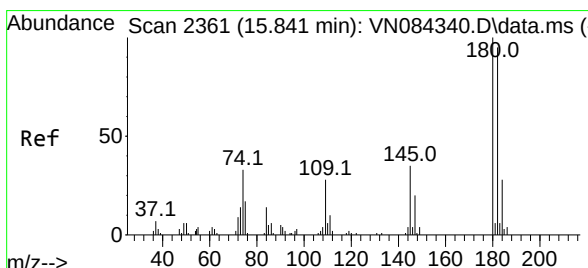
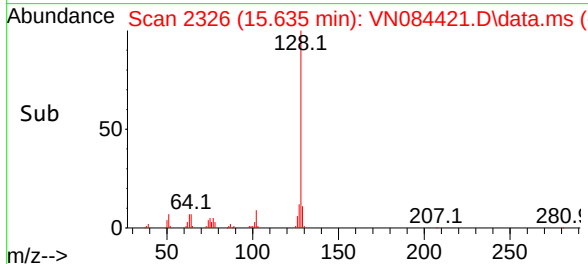
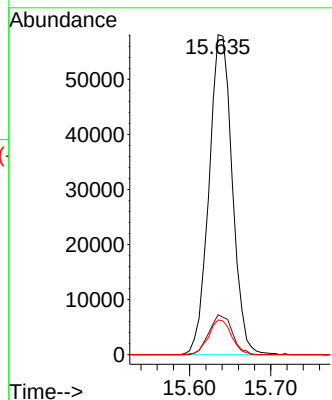
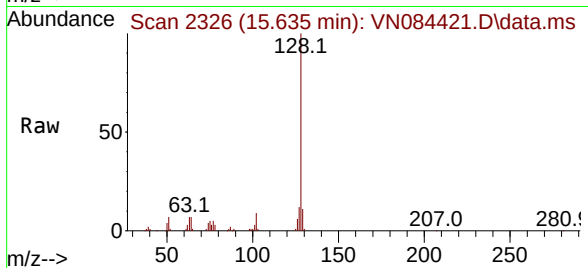
Tgt Ion:128 Resp: 115738

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.7 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 18.627 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084421.D

Acq: 18 Oct 2024 11:09

Tgt Ion:180 Resp: 38496

Ion Ratio Lower Upper

180 100

182 95.2 0.0 194.4

145 37.1 0.0 72.2

