

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084615.D
 Acq On : 31 Oct 2024 12:56
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Nov 01 02:22:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32918	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	176826	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164720	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78237	29.563	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.533%
60) 4-Bromofluorobenzene	12.847	95	87434	30.828	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.767%
63) Toluene-d8	10.565	98	233304	29.919	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.733%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94735	49.481	ug/l	96
3) Chloromethane	2.359	50	109029	47.299	ug/l	98
4) Vinyl Chloride	2.512	62	106283	49.654	ug/l	97
5) Bromomethane	2.901	94	51725	47.610	ug/l	100
6) Chloroethane	2.830	64	132	0.093	ug/l	91
7) Trichlorofluoromethane	3.471	101	169605	48.790	ug/l	97
8) Diethyl Ether	3.953	74	61891	49.913	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	97991	49.880	ug/l	99
10) 1,1-Dichloroethene	4.324	96	93892	48.943	ug/l	95
11) Methyl Iodide	4.583	142	130322	49.426	ug/l	100
12) Methyl Acetate	5.018	43	127594	42.624	ug/l	94
13) Acrolein	4.171	56	85754	232.550	ug/l	98
14) Acrylonitrile	5.712	53	243950	249.373	ug/l	99
15) Acetone	4.430	58	61279	243.784	ug/l	91
16) Carbon Disulfide	4.700	76	275193	48.752	ug/l	99
17) Allyl chloride	5.012	41	152844	47.220	ug/l	98
18) Methylene Chloride	5.265	84	108652	48.332	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	99291	49.378	ug/l	91
20) Diisopropyl ether	6.671	45	332986	50.885	ug/l	98
21) 1,1-Dichloroethane	6.565	63	190325	48.363	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	119146	49.630	ug/l	94
23) tert-Butyl Alcohol	5.542	59	75243	220.317	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	308206	49.680	ug/l	99
25) Chloroform	7.959	83	197402	48.959	ug/l	94
26) Cyclohexane	8.253	56	153309	51.000	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	133196	50.010	ug/l	100
30) 2-Butanone	7.477	43	305143	248.373	ug/l	99
31) 2,2-Dichloropropane	7.483	77	161607	49.708	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	178128	49.229	ug/l	99
33) Carbon Tetrachloride	8.359	117	152324	49.334	ug/l	98
34) Benzene	8.600	78	434965	49.409	ug/l	97
35) Methacrylonitrile	7.777	41	69021	47.401	ug/l	97
36) 1,2-Dichloroethane	8.665	62	143921	49.161	ug/l	100
37) Trichloroethene	9.353	130	97539	49.114	ug/l	99
38) Methylcyclohexane	9.600	83	145824	50.859	ug/l	98
39) 1,2-Dichloropropane	9.618	63	103300	48.746	ug/l	97
40) Dibromomethane	9.706	93	72848	49.139	ug/l	99
41) Bromodichloromethane	9.882	83	154994	48.769	ug/l	99
42) Vinyl Acetate	6.600	43	1161725	252.978	ug/l	100

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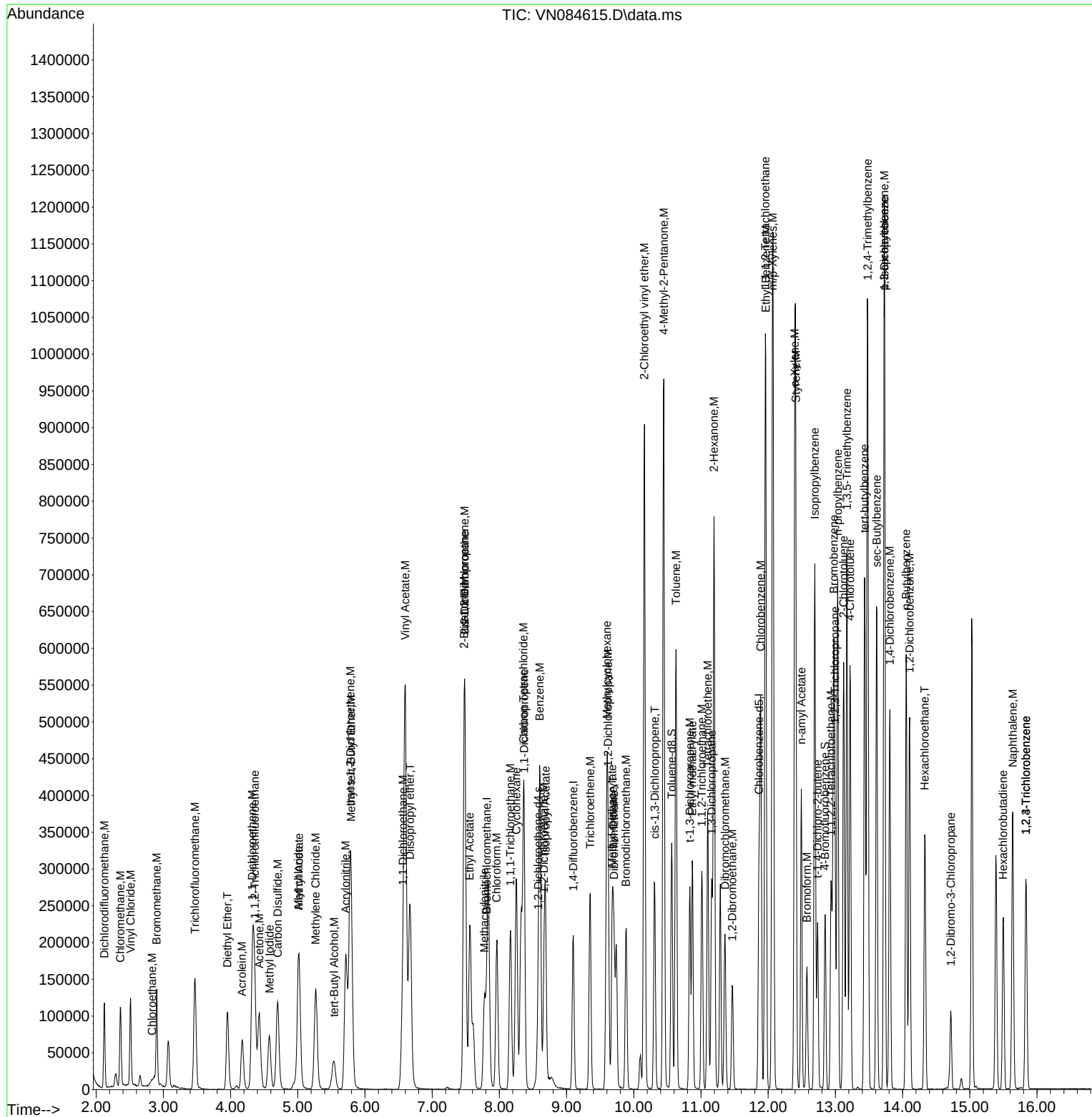
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	131344	50.265	ug/l	98
44) Isopropyl Acetate	8.688	43	231400	44.267	ug/l	98
45) 1,4-Dioxane	9.694	88	33980	973.675	ug/l #	89
46) Methyl methacrylate	9.677	41	104945	49.957	ug/l	96
47) n-amyl Acetate	12.494	43	202564	51.886	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	157614	50.224	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	167077	49.675	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	98990	49.780	ug/l	96
51) Ethyl methacrylate	10.871	69	158738	51.786	ug/l	96
52) 1,3-Dichloropropane	11.159	76	172748	50.047	ug/l	99
53) Dibromochloromethane	11.359	129	118100	50.750	ug/l	97
54) 1,2-Dibromoethane	11.465	107	99236	49.341	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	395250	263.010	ug/l	99
56) Bromoform	12.576	173	79210	50.781	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	647306	249.093	ug/l	98
59) 2-Hexanone	11.194	43	478961	251.701	ug/l	99
61) Tetrachloroethene	11.100	164	85090	49.359	ug/l	98
62) Toluene	10.629	91	459711	49.000	ug/l	99
64) Chlorobenzene	11.888	112	279544	49.357	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	104199	50.060	ug/l	98
66) Ethyl Benzene	11.965	91	502126	50.927	ug/l	94
67) m/p-Xylenes	12.071	106	387469	102.646	ug/l	98
68) o-Xylene	12.394	106	187021	51.361	ug/l	98
69) Styrene	12.412	104	323595	53.002	ug/l	98
70) Isopropylbenzene	12.694	105	470823	52.050	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	145223	49.532	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	186982	66.851	ug/l	71
73) Bromobenzene	12.976	156	116686	50.015	ug/l	97
74) n-propylbenzene	13.035	91	557232	52.681	ug/l	99
75) 2-Chlorotoluene	13.123	91	356739	51.790	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	406282	52.568	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	53054	51.671	ug/l	86
78) 4-Chlorotoluene	13.218	91	357227	51.329	ug/l	100
79) tert-butylbenzene	13.435	119	331066	51.799	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	415493	53.289	ug/l	98
81) sec-Butylbenzene	13.618	105	464362	52.727	ug/l	100
82) p-Isopropyltoluene	13.729	119	396709	53.609	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	217624	50.438	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	216965	50.890	ug/l	97
85) n-Butylbenzene	14.053	91	325553	52.381	ug/l	99
86) Hexachloroethane	14.329	117	75612	49.961	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	215946	50.790	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	28965	51.201	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	104664	50.558	ug/l	96
90) Hexachlorobutadiene	15.494	225	44832	49.577	ug/l	95
91) Naphthalene	15.641	128	349297	52.834	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	104664	50.558	ug/l	96

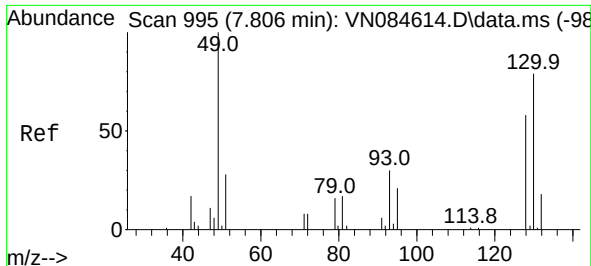
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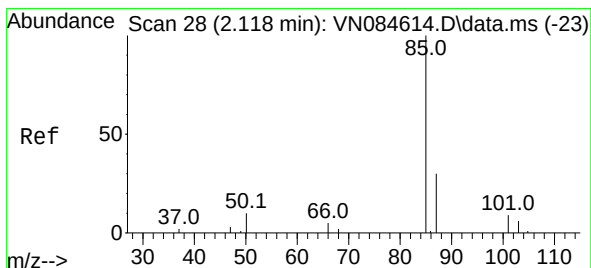
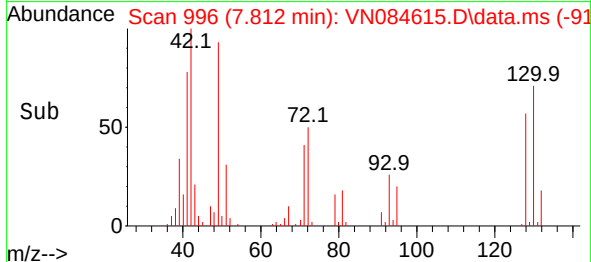
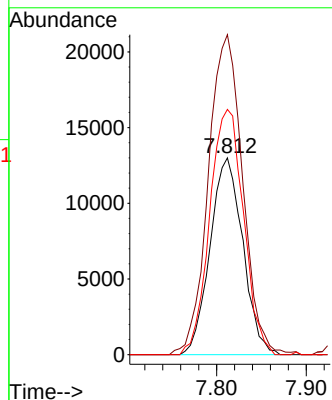
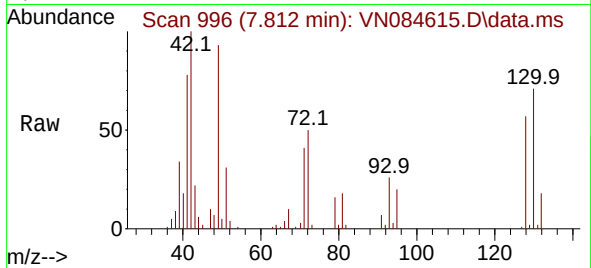




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
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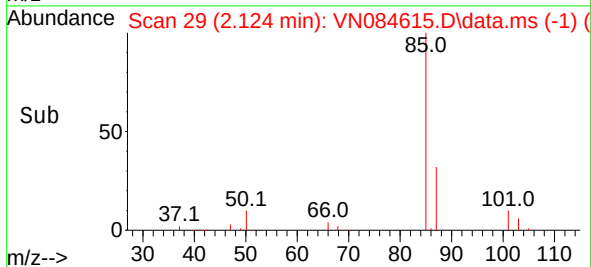
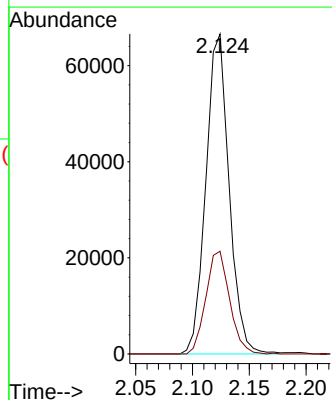
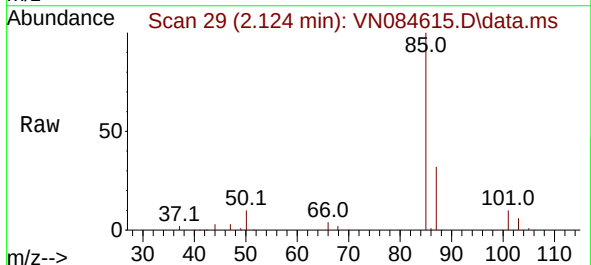
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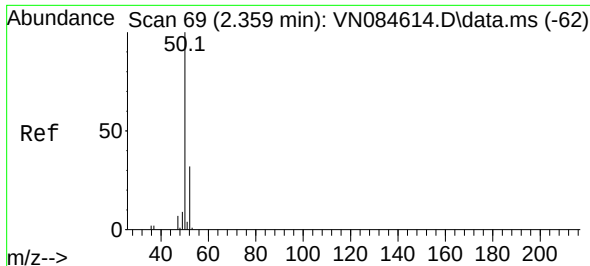
Tgt Ion:128 Resp: 32918
Ion Ratio Lower Upper
128 100
49 170.3 0.0 427.0
130 128.9 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 49.481 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 85 Resp: 94735
Ion Ratio Lower Upper
85 100
87 32.1 14.9 44.9

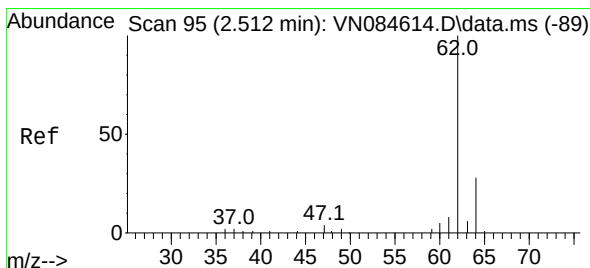
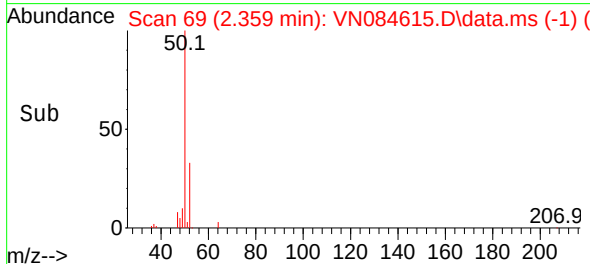
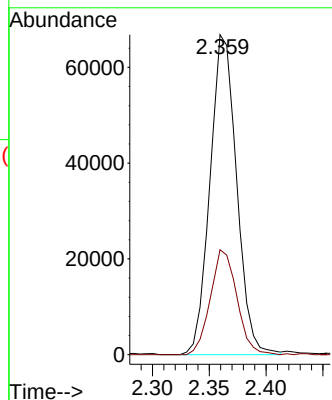
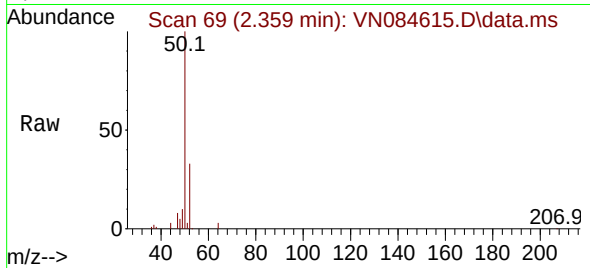




#3
Chloromethane
Concen: 47.299 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

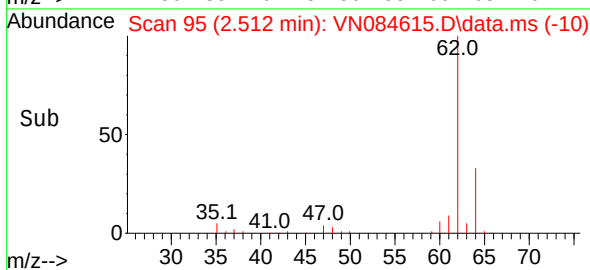
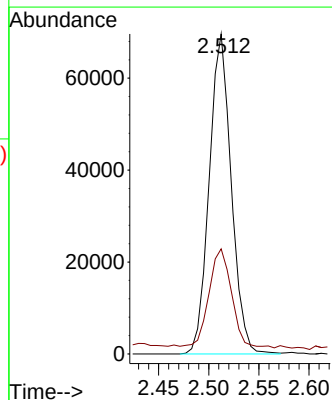
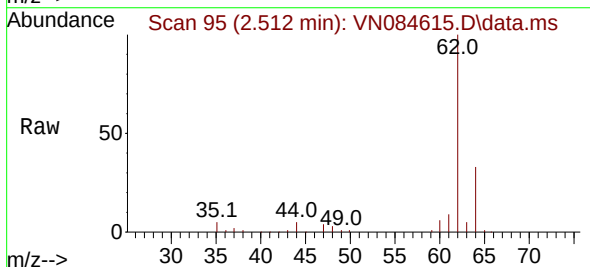
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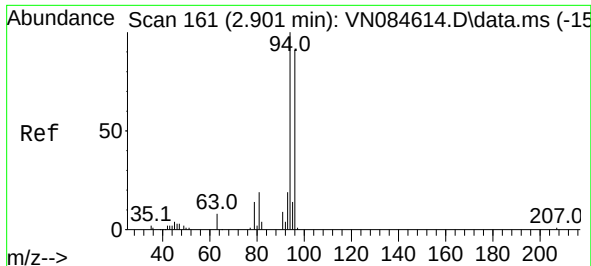
Tgt Ion: 50 Resp: 109029
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3



#4
Vinyl Chloride
Concen: 49.654 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 62 Resp: 106283
Ion Ratio Lower Upper
62 100
64 30.5 23.1 34.7

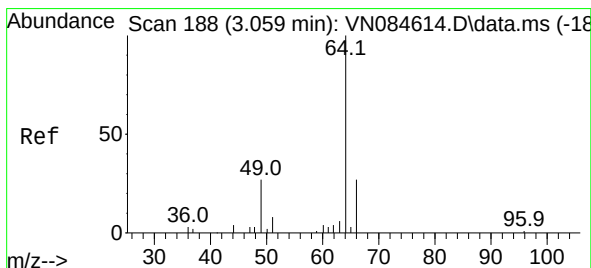
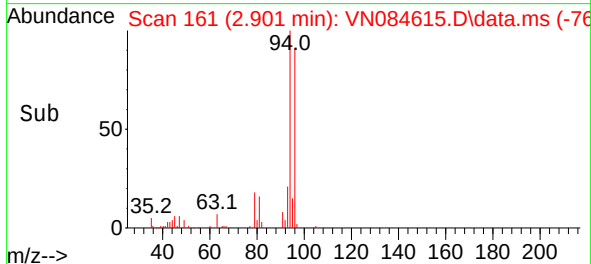
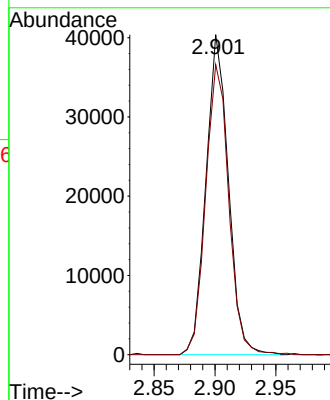
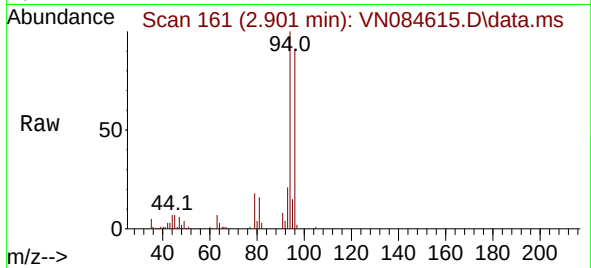




#5
Bromomethane
Concen: 47.610 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084615.D
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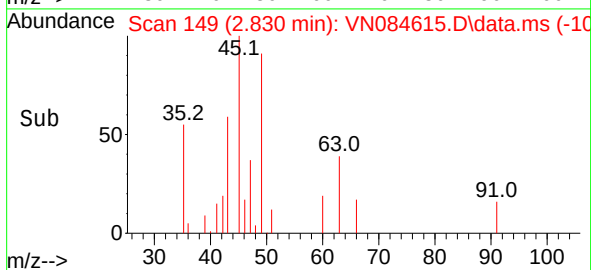
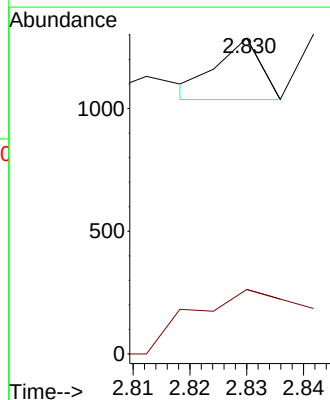
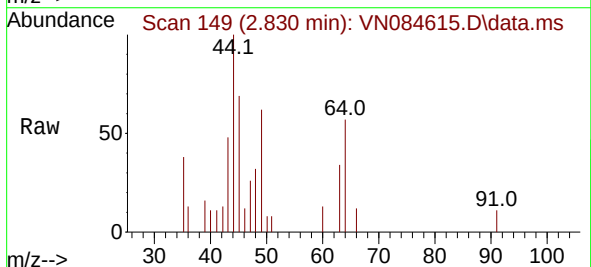
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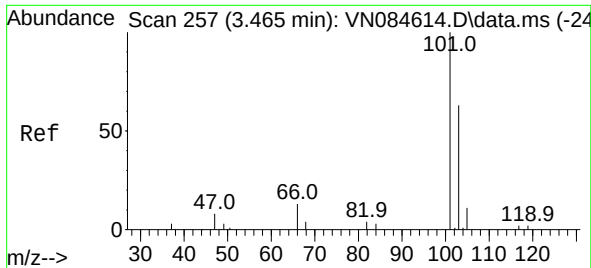
Tgt Ion: 94 Resp: 51725
Ion Ratio Lower Upper
94 100
96 90.6 72.7 109.1



#6
Chloroethane
Concen: 0.093 ug/l
RT: 2.830 min Scan# 149
Delta R.T. -0.229 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 32.4 22.1 33.1

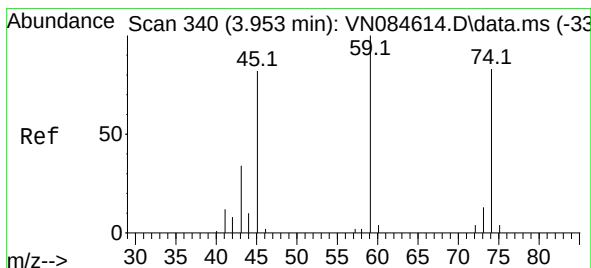
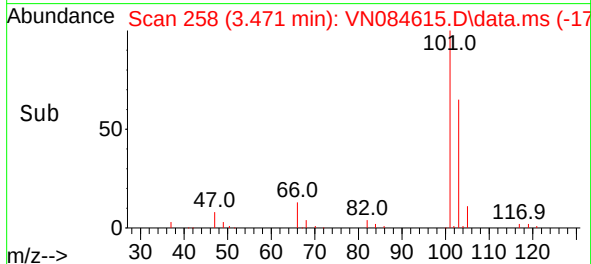
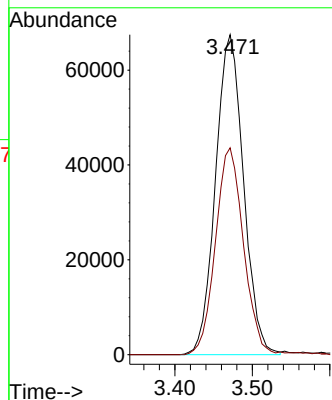
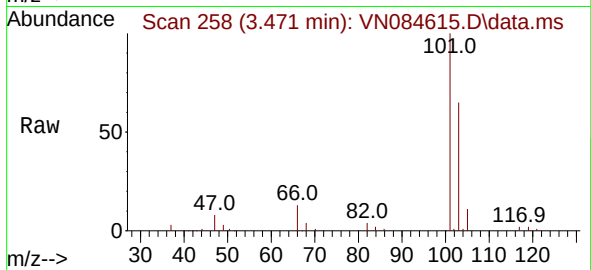




#7
 Trichlorofluoromethane
 Concen: 48.790 ug/l
 RT: 3.471 min Scan# 257
 Delta R.T. 0.006 min
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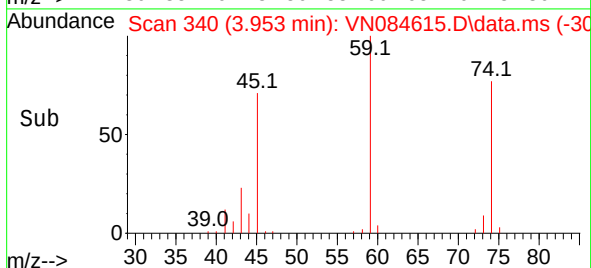
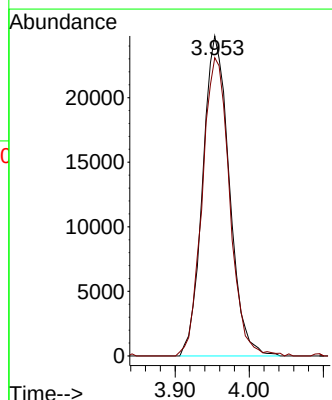
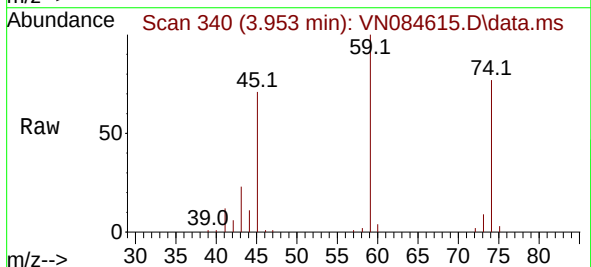
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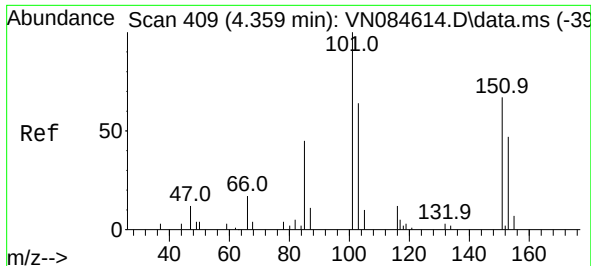
Tgt Ion:101 Resp: 169605
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 49.913 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 61891
 Ion Ratio Lower Upper
 74 100
 45 95.0 19.8 178.4

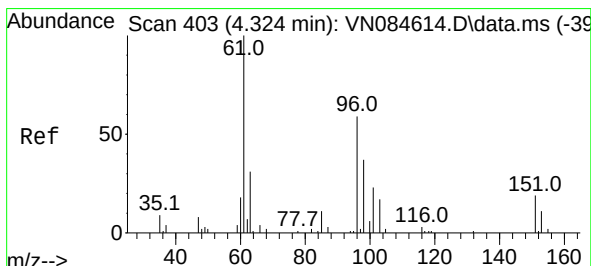
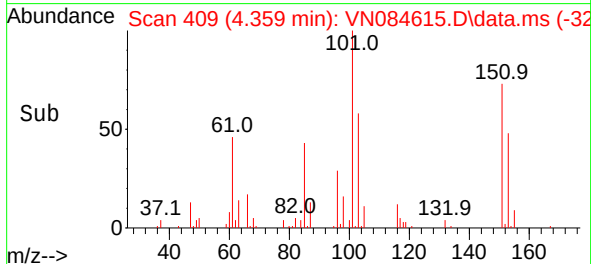
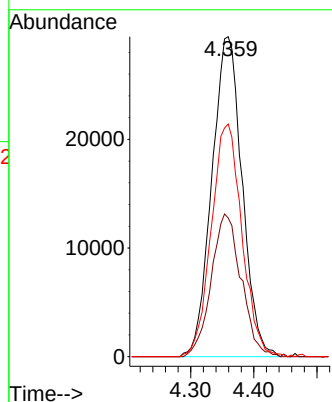
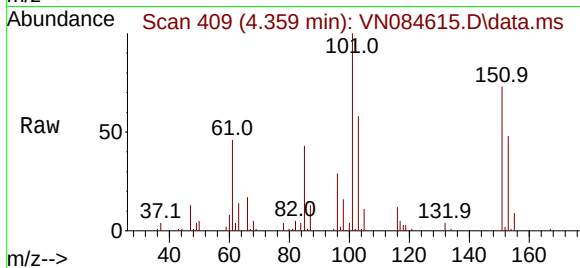




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.880 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
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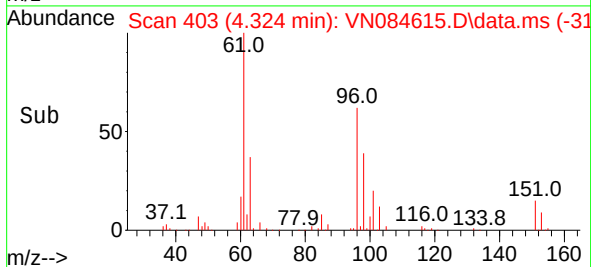
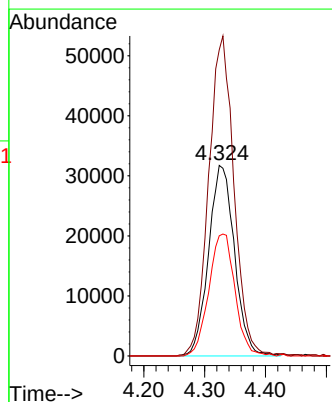
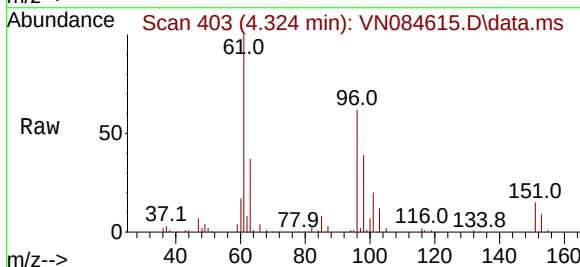
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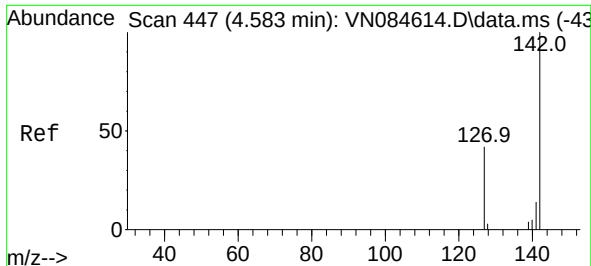
Tgt Ion:101 Resp: 97991
Ion Ratio Lower Upper
101 100
85 44.1 0.0 89.6
151 73.7 0.0 149.4



#10
1,1-Dichloroethene
Concen: 48.943 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

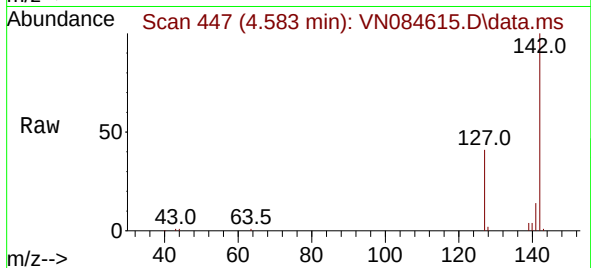
Tgt Ion: 96 Resp: 93892
Ion Ratio Lower Upper
96 100
61 160.0 135.1 202.7
98 63.0 50.4 75.6



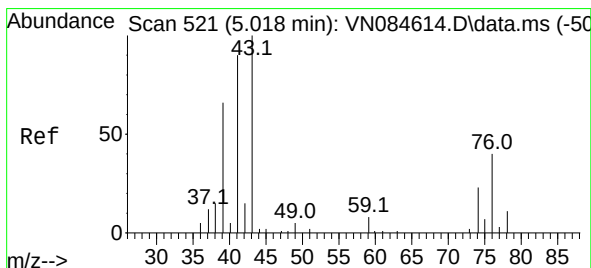
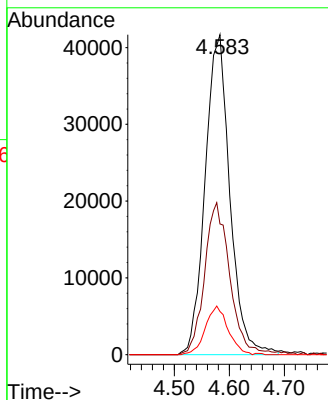
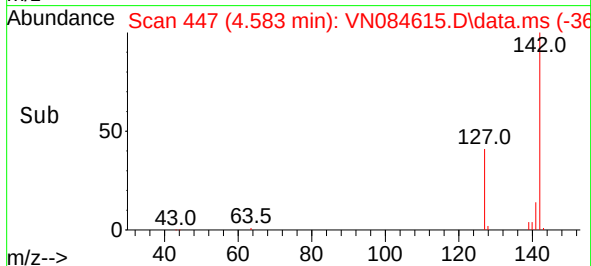


#11
Methyl Iodide
Concen: 49.426 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

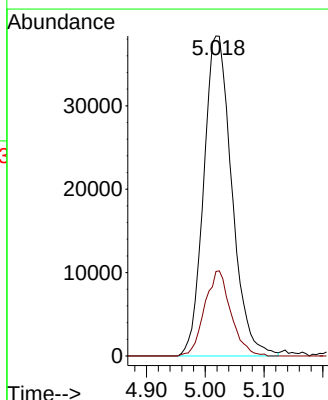
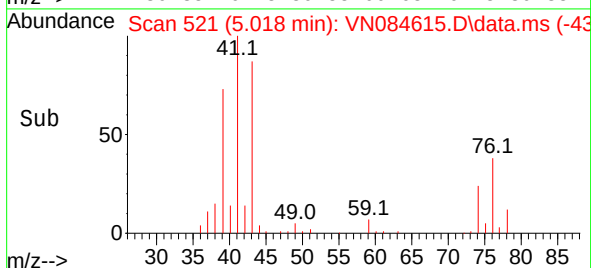
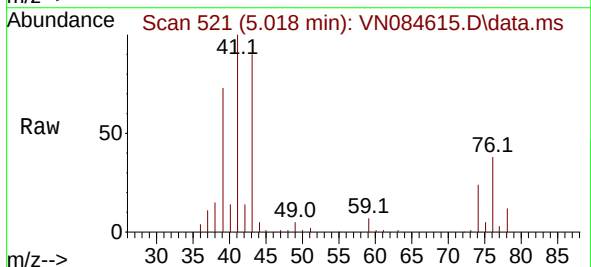


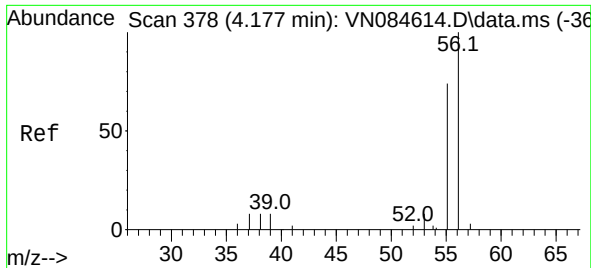
Tgt Ion:142 Resp: 130322
Ion Ratio Lower Upper
142 100
127 40.6 20.3 60.9
141 13.6 6.9 20.7



#12
Methyl Acetate
Concen: 42.624 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 43 Resp: 127594
Ion Ratio Lower Upper
43 100
74 26.6 19.0 28.4





#13

Acrolein

Concen: 232.550 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

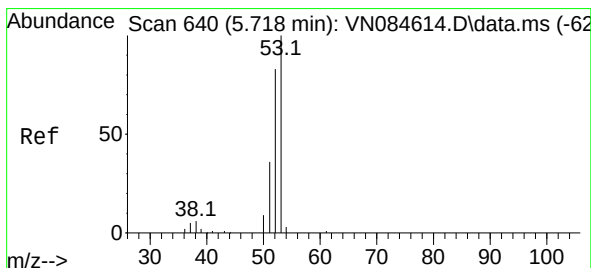
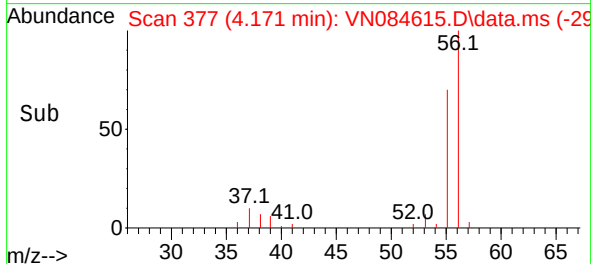
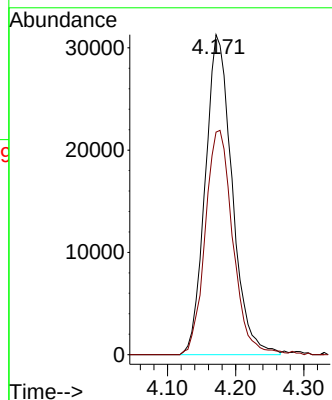
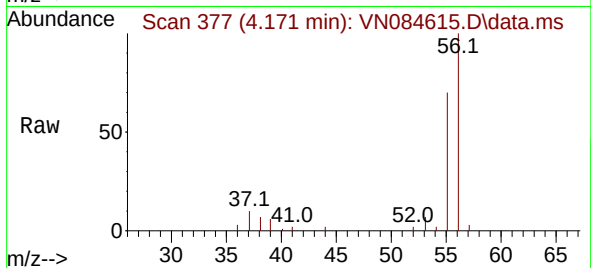
VSTDICC050

Tgt Ion: 56 Resp: 85754

Ion Ratio Lower Upper

56 100

55 72.2 56.7 85.1



#14

Acrylonitrile

Concen: 249.373 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

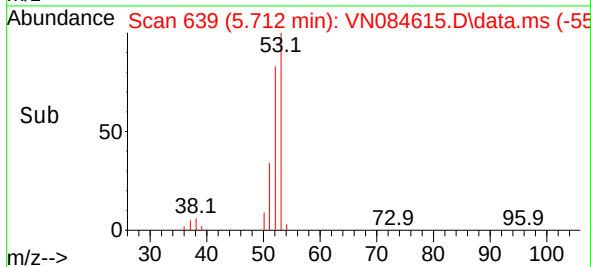
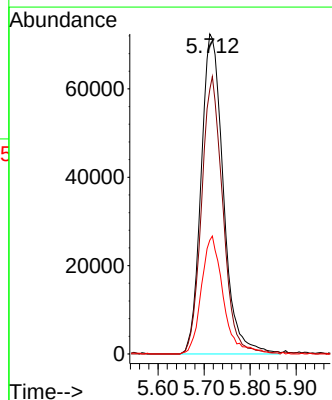
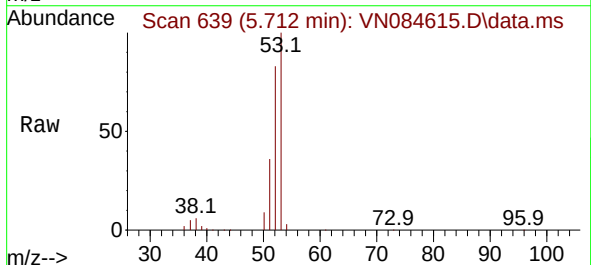
Tgt Ion: 53 Resp: 243950

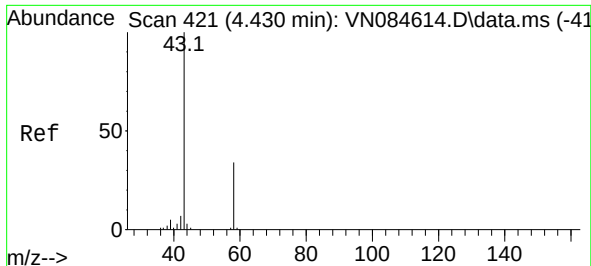
Ion Ratio Lower Upper

53 100

52 82.4 41.6 124.9

51 35.1 18.2 54.6





#15

Acetone

Concen: 243.784 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

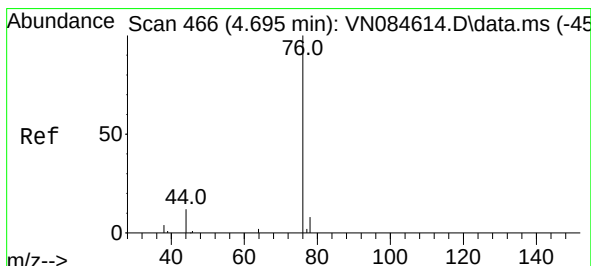
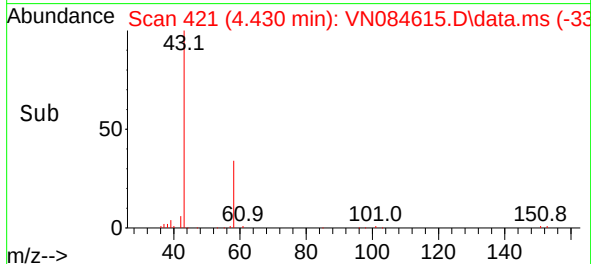
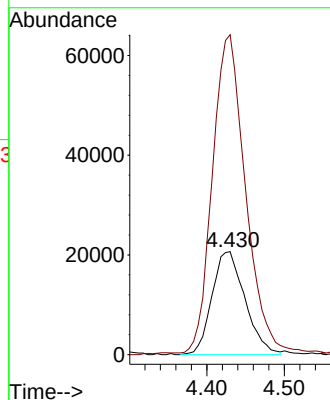
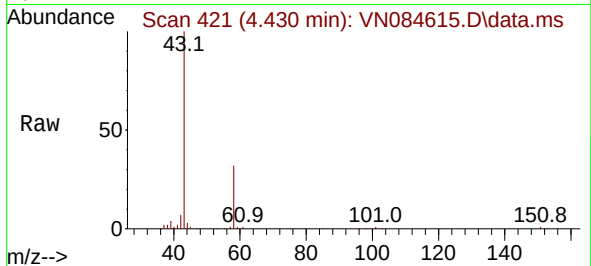
VSTDIC050

Tgt Ion: 58 Resp: 61279

Ion Ratio Lower Upper

58 100

43 308.9 233.0 349.6



#16

Carbon Disulfide

Concen: 48.752 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084615.D

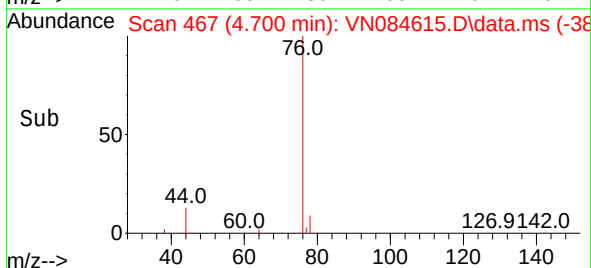
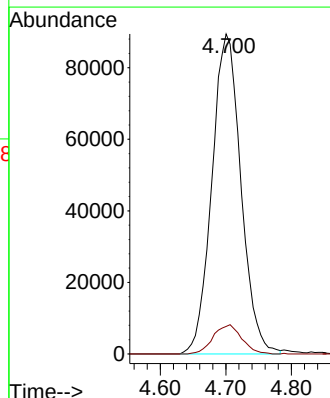
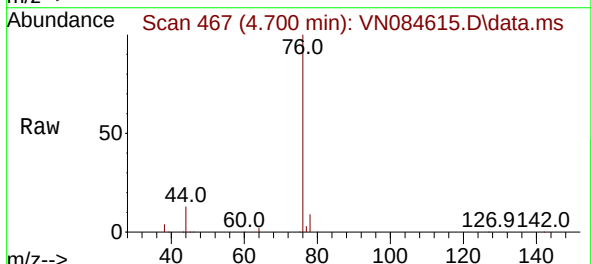
Acq: 31 Oct 2024 12:56

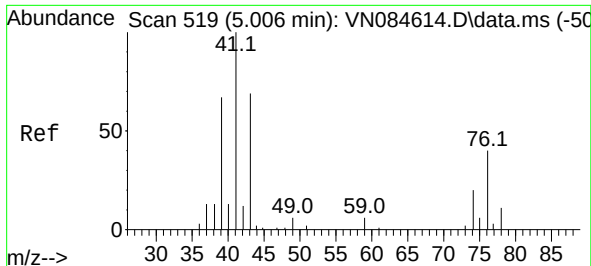
Tgt Ion: 76 Resp: 275193

Ion Ratio Lower Upper

76 100

78 8.6 6.6 9.8



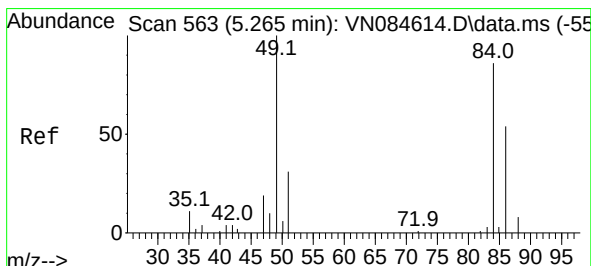
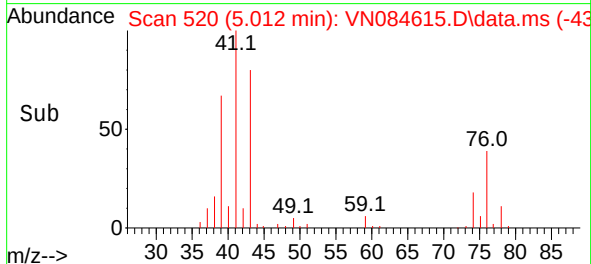
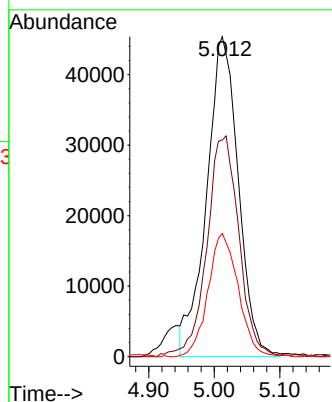
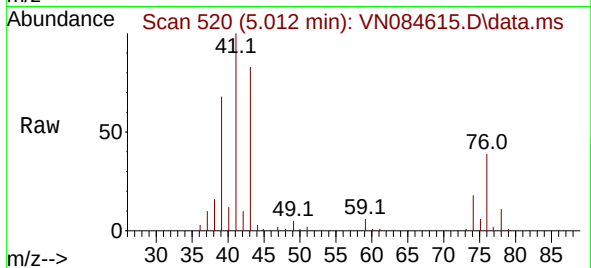


#17
 Allyl chloride
 Concen: 47.220 ug/l
 RT: 5.012 min Scan# 519
 Delta R.T. 0.006 min
 Lab File: VN084615.D
 Acq: 31 Oct 2024 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 41 Resp: 152844

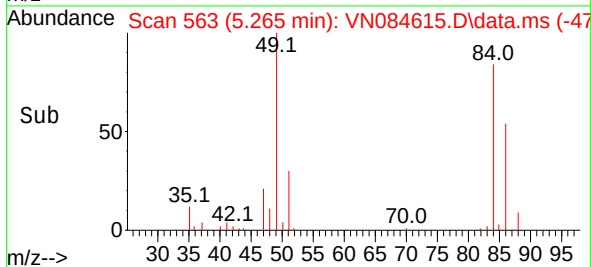
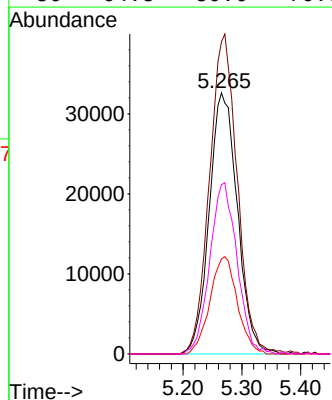
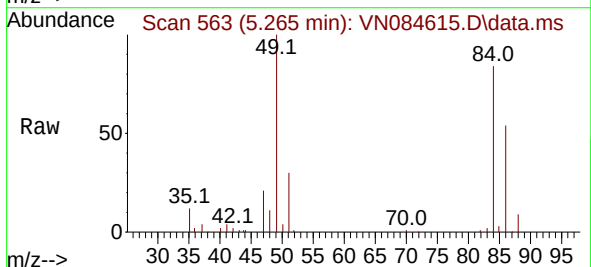
Ion	Ratio	Lower	Upper
41	100		
39	67.4	33.4	100.2
76	38.5	20.2	60.6

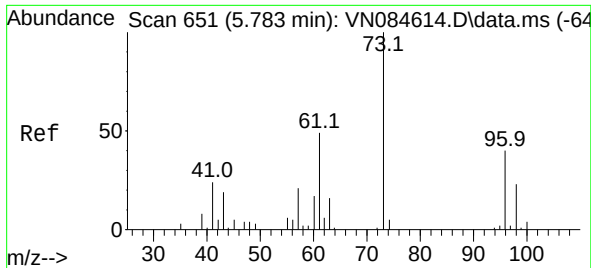


#18
 Methylene Chloride
 Concen: 48.332 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: VN084615.D
 Acq: 31 Oct 2024 12:56

Tgt Ion: 84 Resp: 108652

Ion	Ratio	Lower	Upper
84	100		
49	119.6	93.0	139.6
51	36.4	28.9	43.3
86	64.8	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 49.378 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

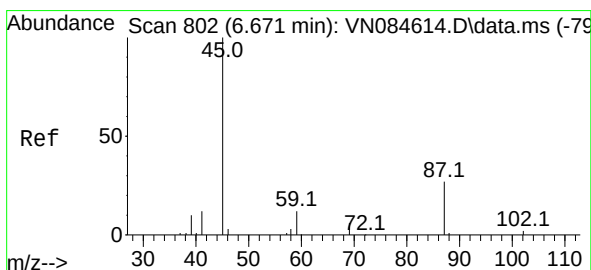
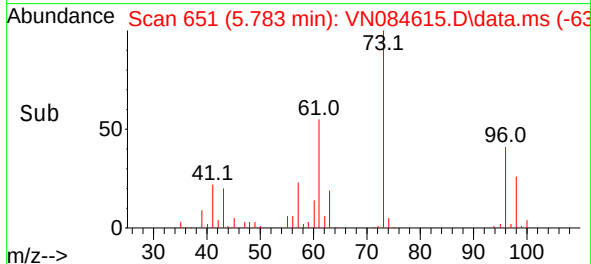
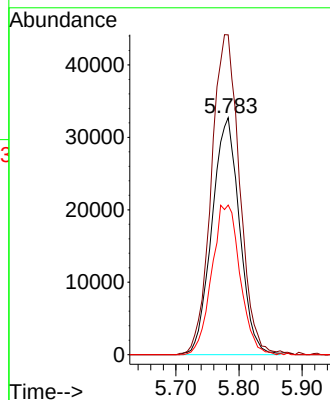
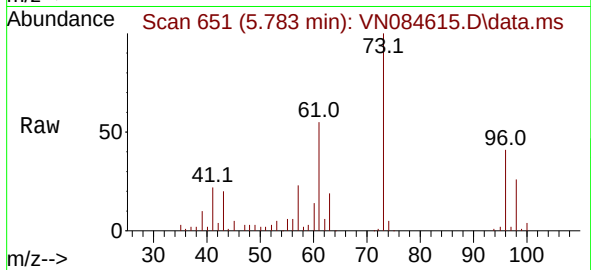
Tgt Ion: 96 Resp: 99291

Ion Ratio Lower Upper

96 100

61 134.5 98.1 147.1

98 63.2 46.6 69.8



#20

Diisopropyl ether

Concen: 50.885 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Tgt Ion: 45 Resp: 332986

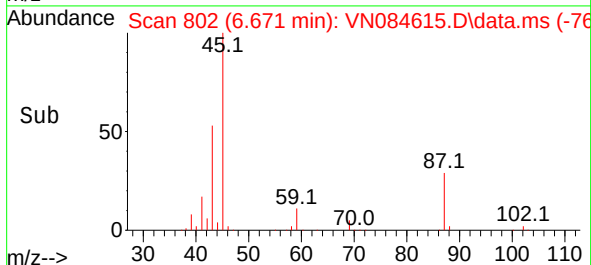
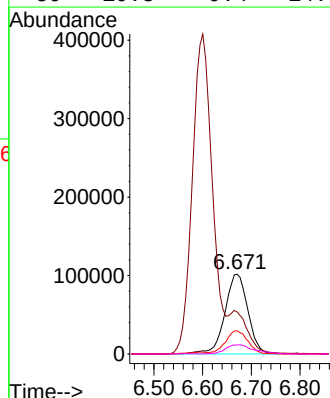
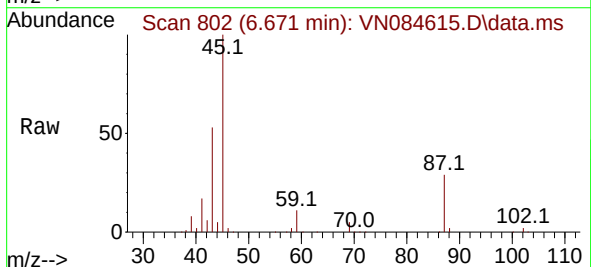
Ion Ratio Lower Upper

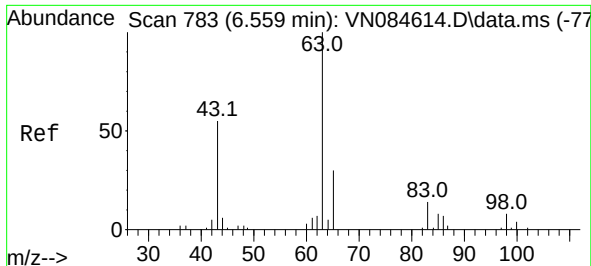
45 100

43 51.6 42.6 64.0

87 29.1 23.0 34.4

59 10.8 9.4 14.0





#21

1,1-Dichloroethane

Concen: 48.363 ug/l

RT: 6.565 min Scan# 783

Delta R.T. 0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

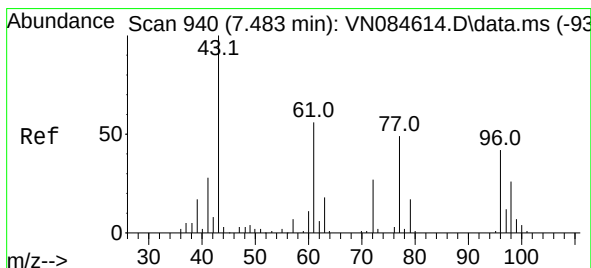
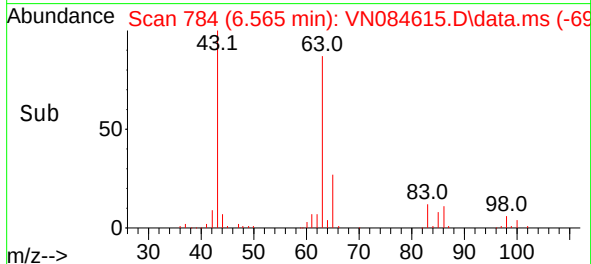
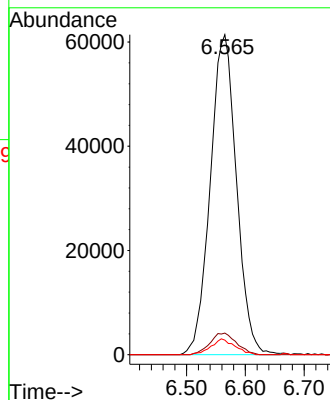
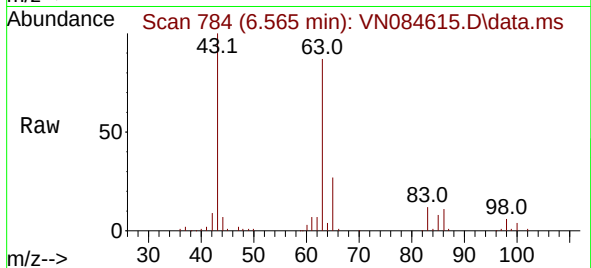
Tgt Ion: 63 Resp: 190325

Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.4

100 4.5 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 49.630 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

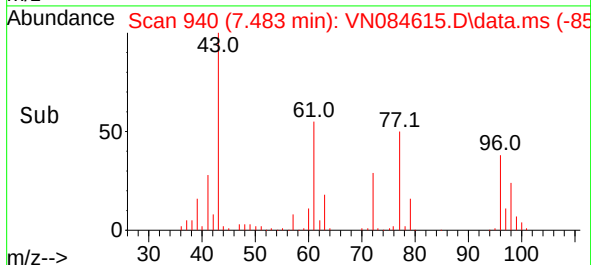
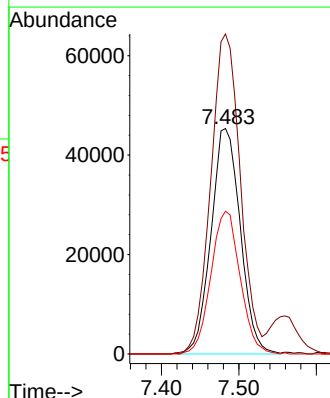
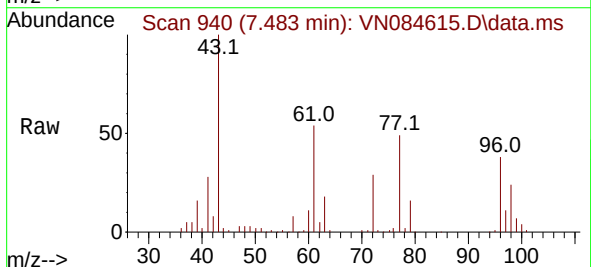
Tgt Ion: 96 Resp: 119146

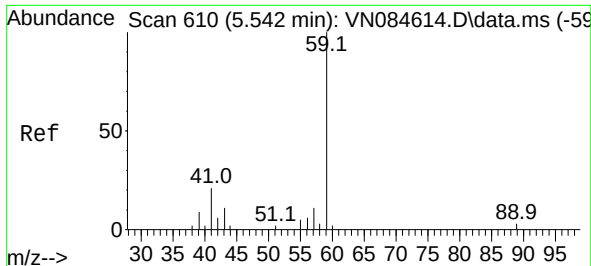
Ion Ratio Lower Upper

96 100

61 143.4 121.8 182.8

98 63.1 53.2 79.8

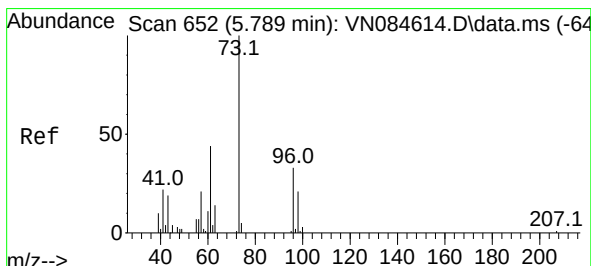
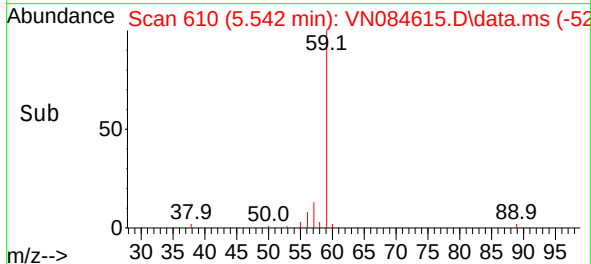
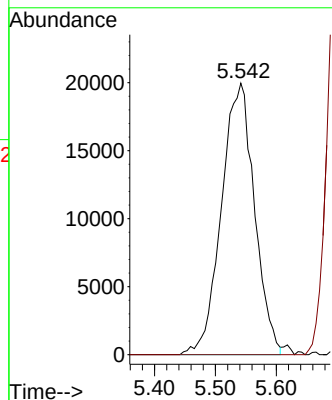
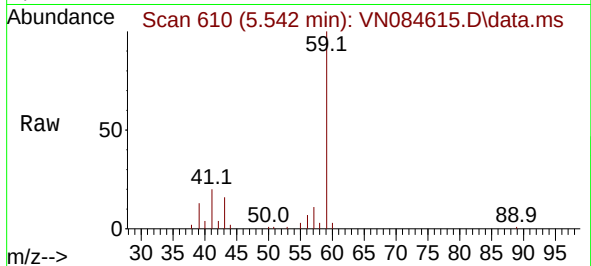




#23
tert-Butyl Alcohol
Concen: 220.317 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

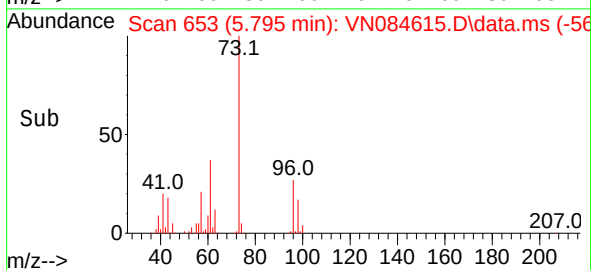
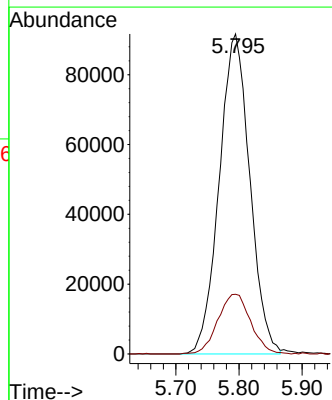
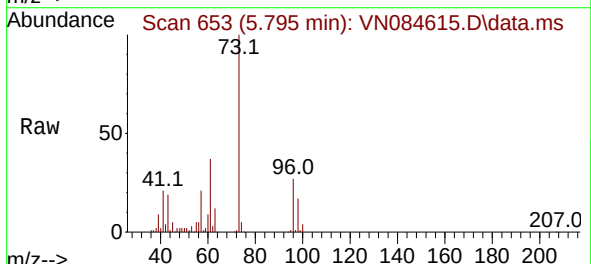
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

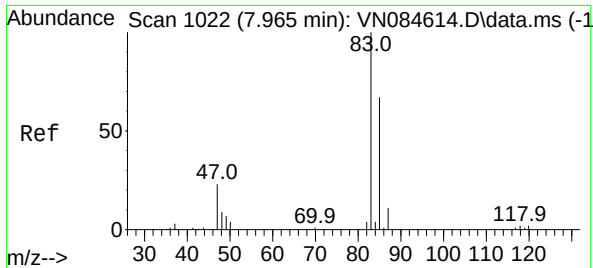
Tgt Ion: 59 Resp: 75243
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 49.680 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 73 Resp: 308206
Ion Ratio Lower Upper
73 100
43 20.0 16.5 24.7





#25

Chloroform

Concen: 48.959 ug/l

RT: 7.959 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

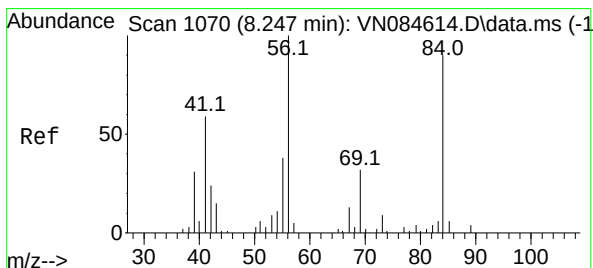
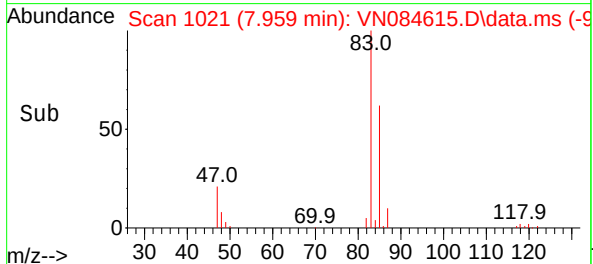
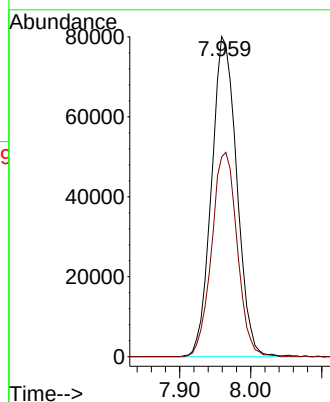
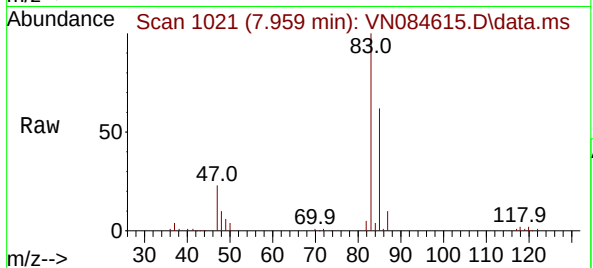
VSTDICC050

Tgt Ion: 83 Resp: 197402

Ion Ratio Lower Upper

83 100

85 62.4 53.4 80.2



#26

Cyclohexane

Concen: 51.000 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

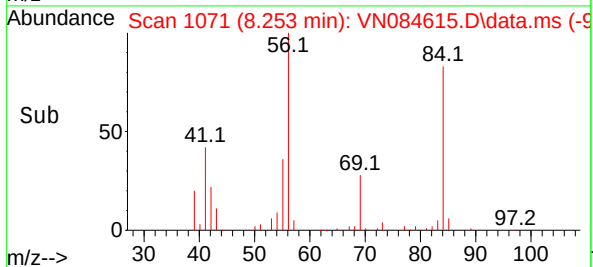
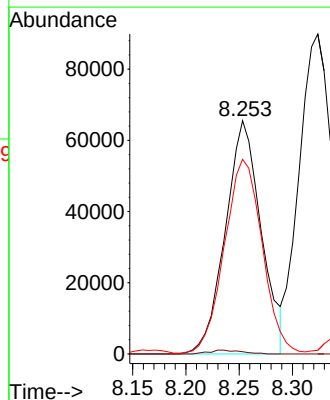
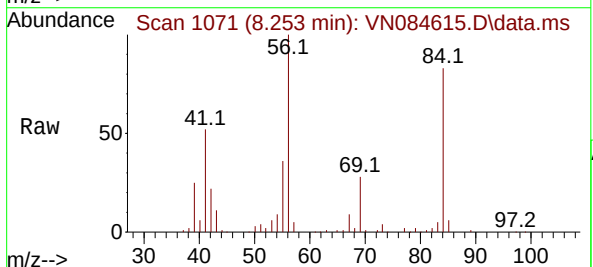
Tgt Ion: 56 Resp: 153309

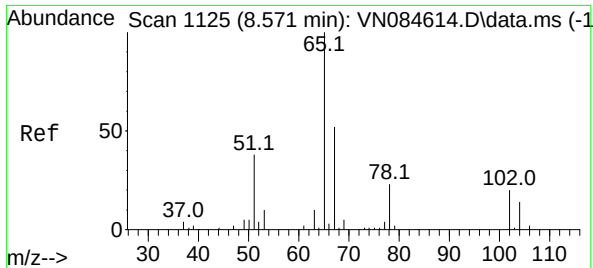
Ion Ratio Lower Upper

56 100

89 1.5 3.0 4.4#

84 88.4 70.6 106.0

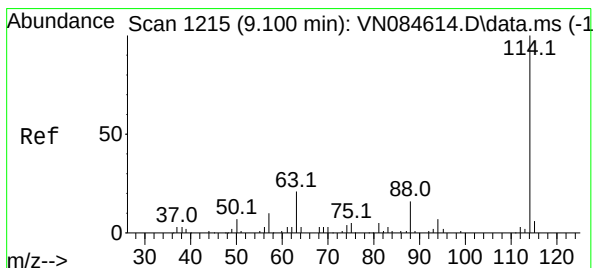
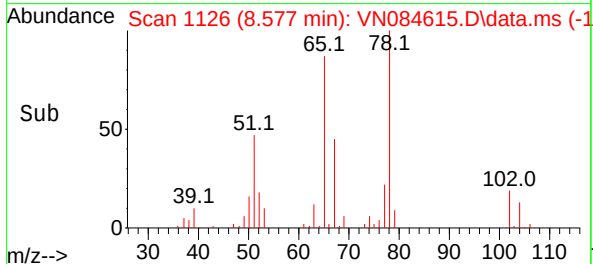
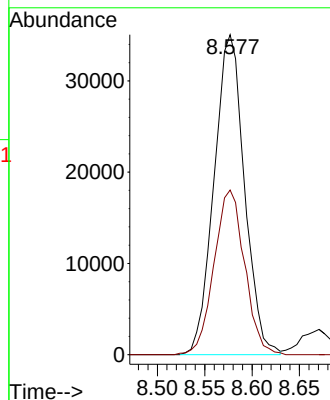
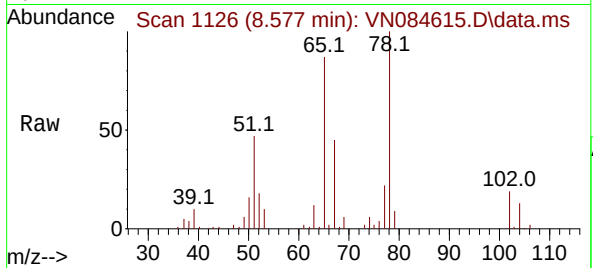




#27
1,2-Dichloroethane-d4
Concen: 29.563 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

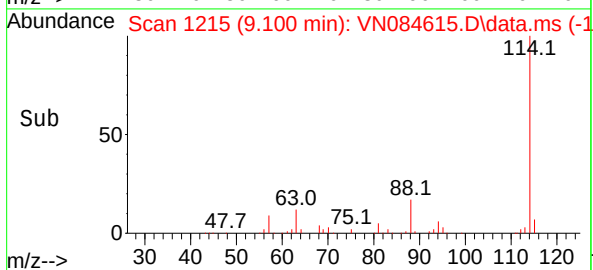
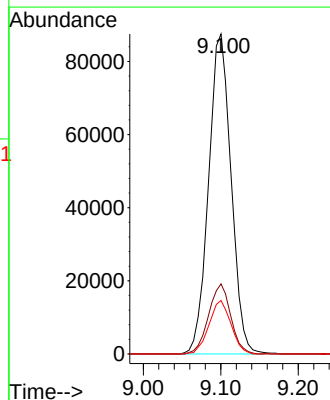
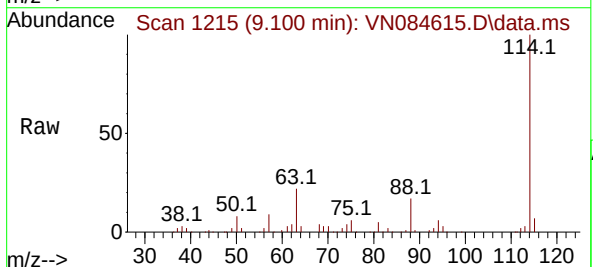
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

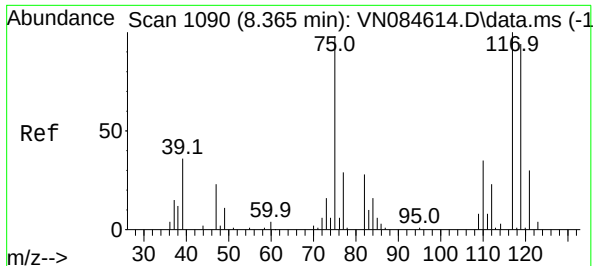
Tgt Ion: 65 Resp: 78237
Ion Ratio Lower Upper
65 100
67 51.8 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 114 Resp: 176826
Ion Ratio Lower Upper
114 100
63 21.5 16.8 25.2
88 16.3 12.9 19.3

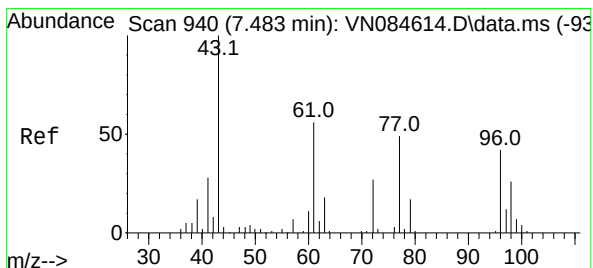
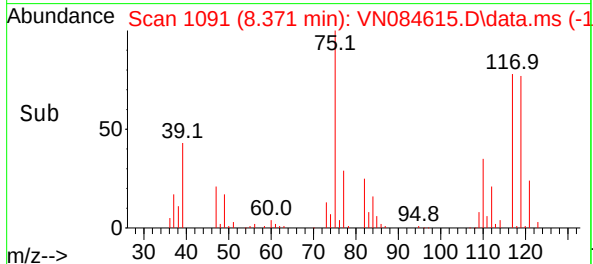
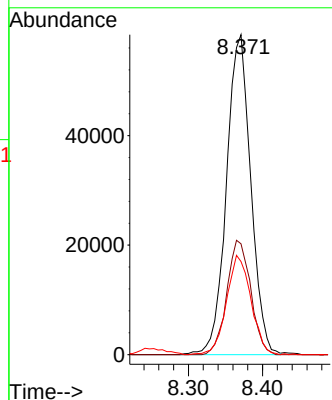
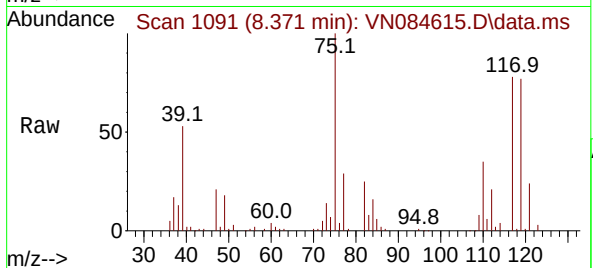




#29
1,1-Dichloropropene
Concen: 50.010 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

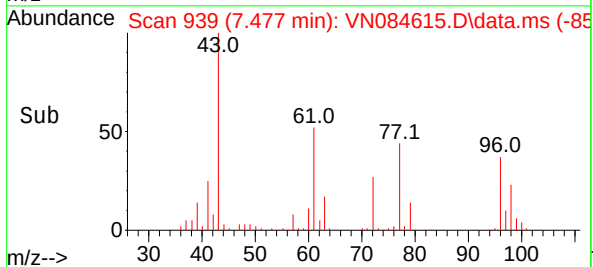
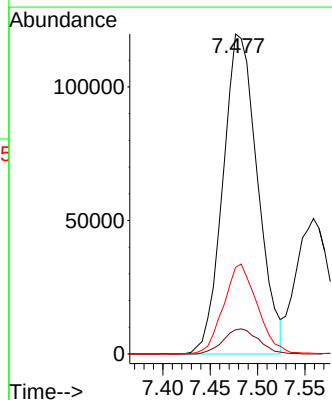
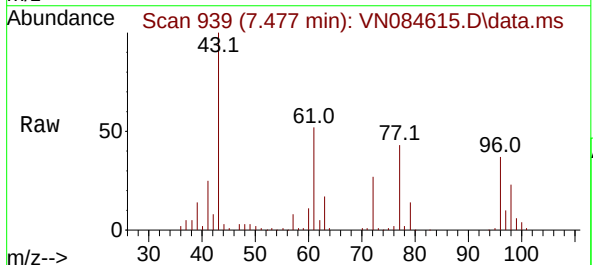
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

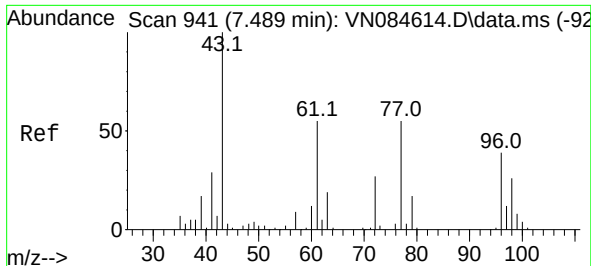
Tgt Ion: 75 Resp: 133196
Ion Ratio Lower Upper
75 100
110 34.9 0.0 69.4
77 31.2 0.0 62.0



#30
2-Butanone
Concen: 248.373 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 43 Resp: 305143
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.4
72 27.4 21.5 32.3

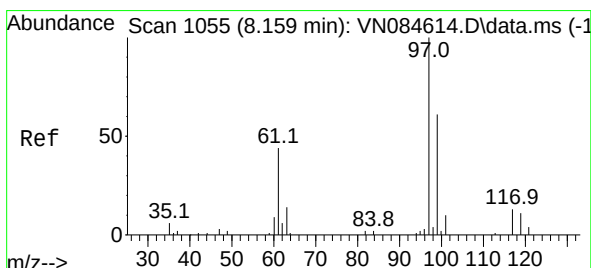
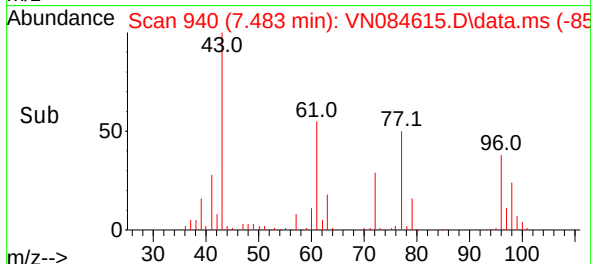
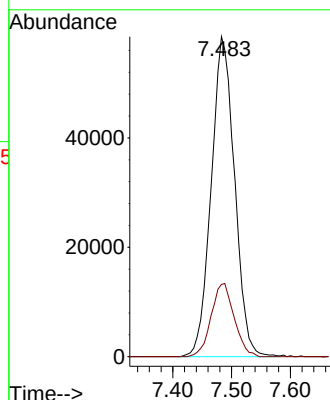
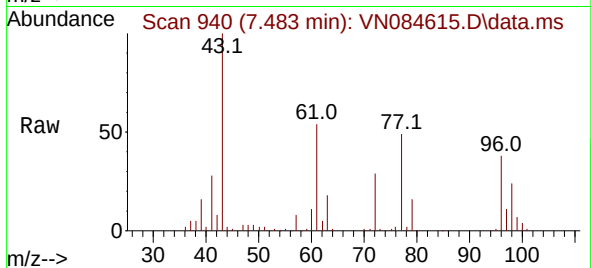




#31
2,2-Dichloropropane
Concen: 49.708 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

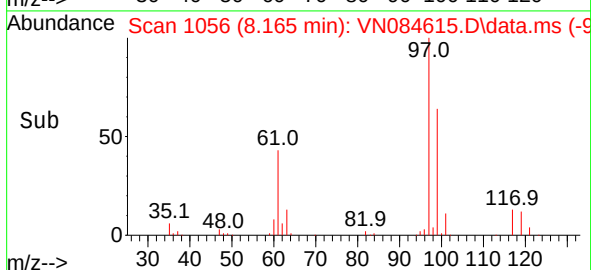
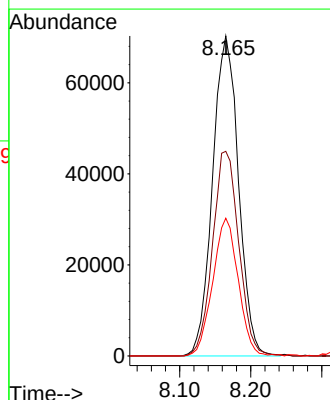
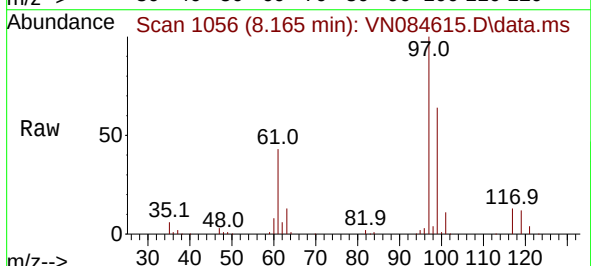
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

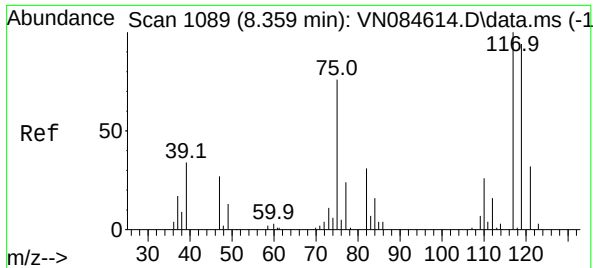
Tgt Ion: 77 Resp: 161607
Ion Ratio Lower Upper
77 100
97 22.5 17.4 26.2



#32
1,1,1-Trichloroethane
Concen: 49.229 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 97 Resp: 178128
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 42.3 34.2 51.4

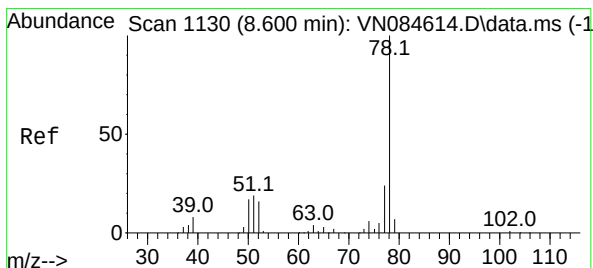
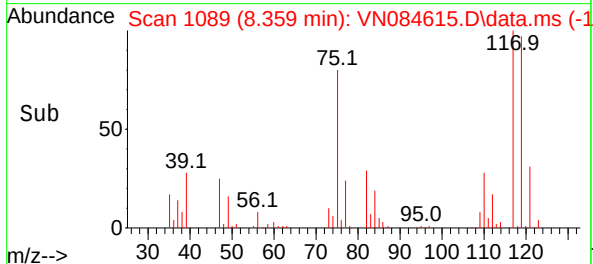
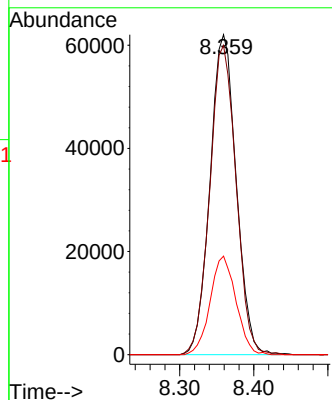
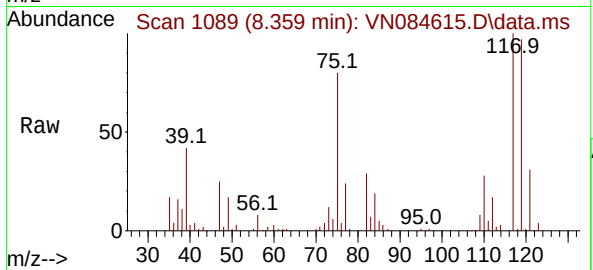




#33
Carbon Tetrachloride
Concen: 49.334 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

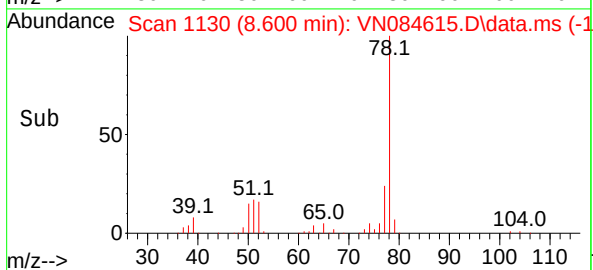
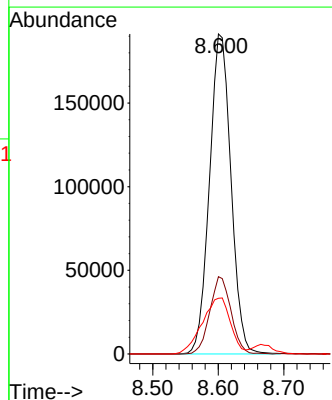
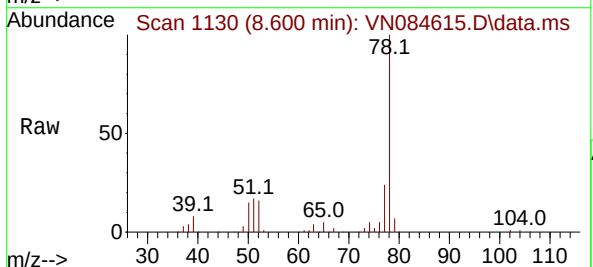
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

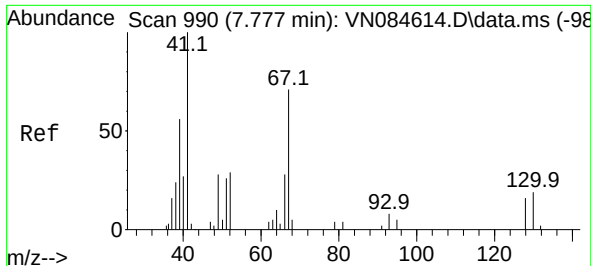
Tgt Ion:117 Resp: 152324
Ion Ratio Lower Upper
117 100
119 96.7 75.7 113.5
121 30.8 25.4 38.0



#34
Benzene
Concen: 49.409 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 78 Resp: 434965
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 16.9 16.1 24.1

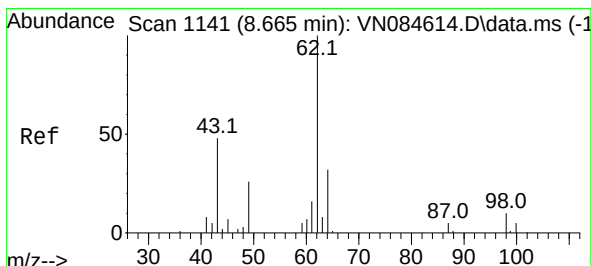
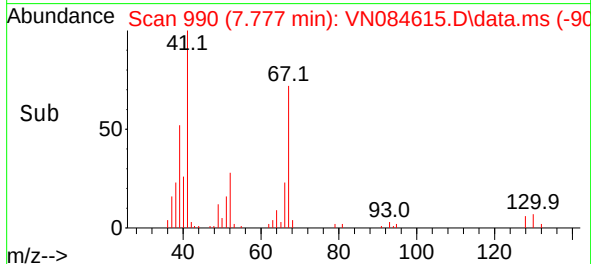
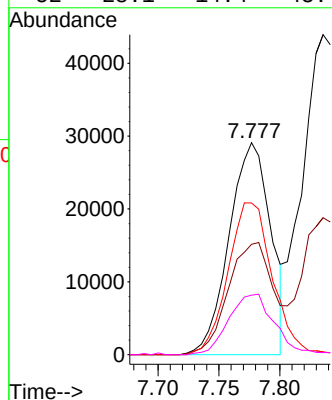
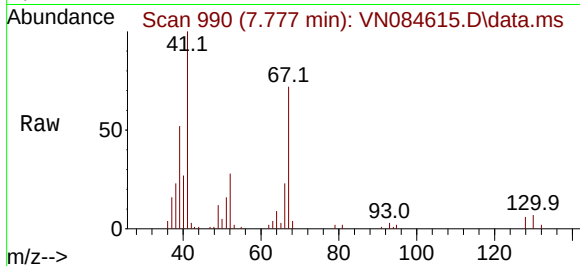




#35
Methacrylonitrile
Concen: 47.401 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

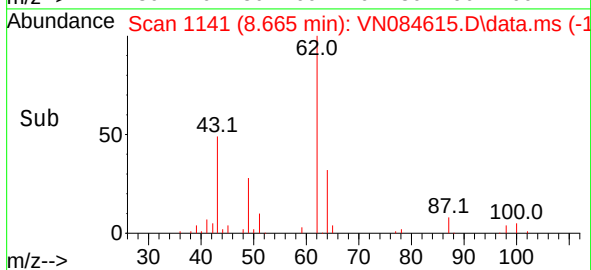
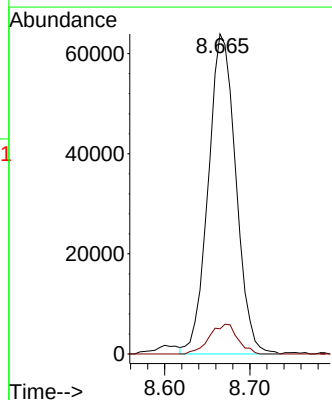
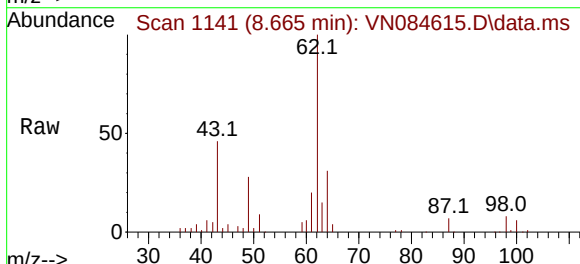
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

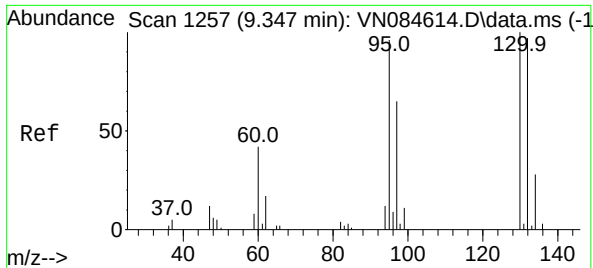
Tgt Ion:	41	Resp:	69021
Ion Ratio	Lower	Upper	
41	100		
39	52.1	28.2	84.6
67	71.5	35.6	106.8
52	28.1	14.4	43.4



#36
1,2-Dichloroethane
Concen: 49.161 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion:	62	Resp:	143921
Ion Ratio	Lower	Upper	
62	100		
98	9.5	7.8	11.6

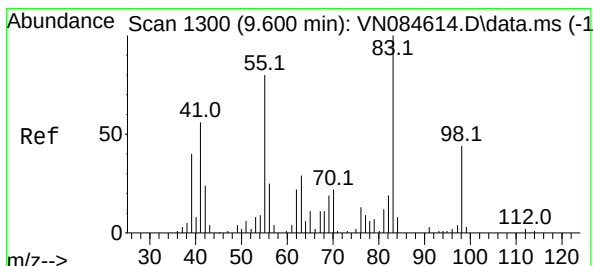
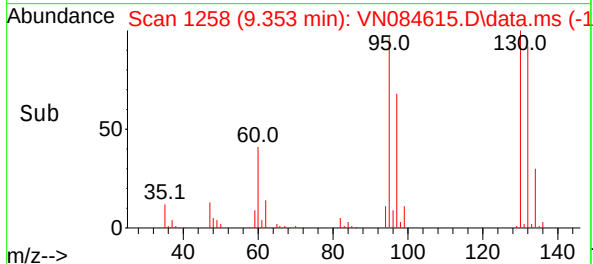
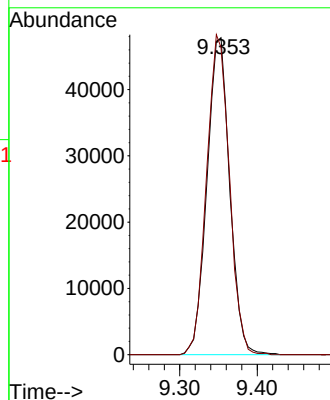
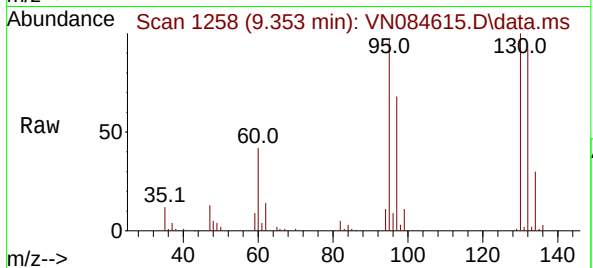




#37
Trichloroethene
Concen: 49.114 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

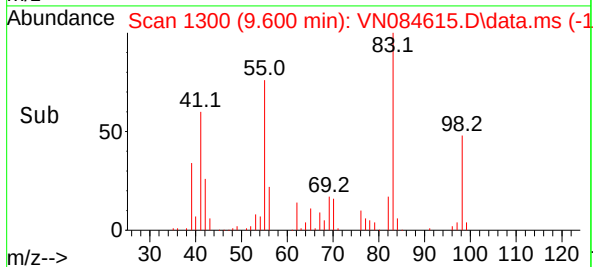
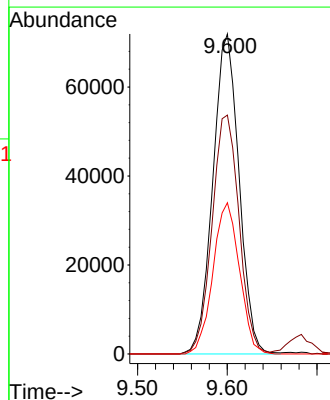
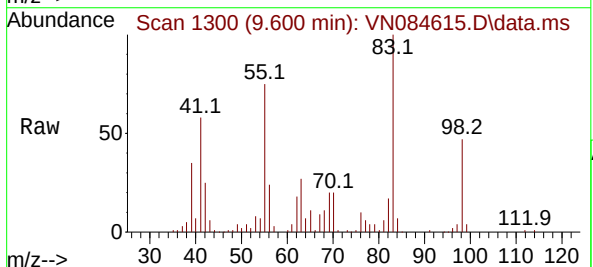
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

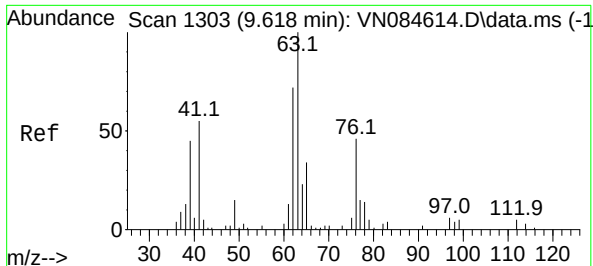
Tgt Ion:130 Resp: 97539
Ion Ratio Lower Upper
130 100
95 97.0 76.6 115.0



#38
Methylcyclohexane
Concen: 50.859 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 83 Resp: 145824
Ion Ratio Lower Upper
83 100
55 77.0 39.6 118.8
98 47.8 23.2 69.5

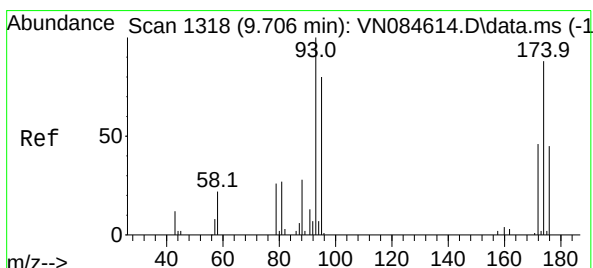
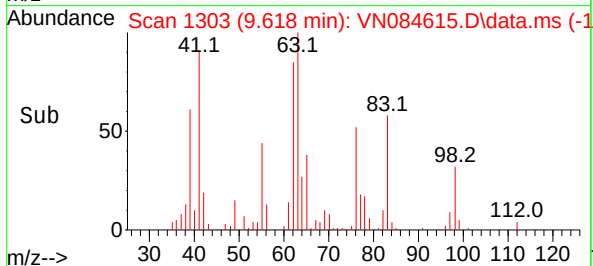
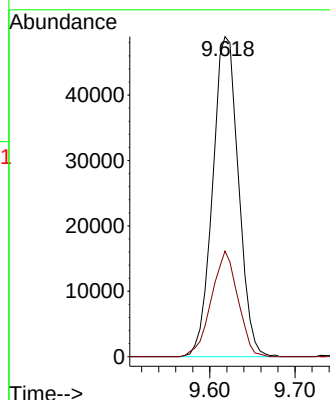
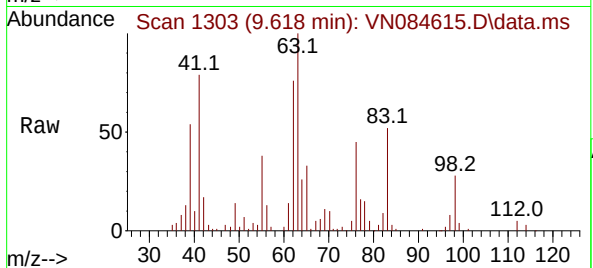




#39
1,2-Dichloropropane
Concen: 48.746 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

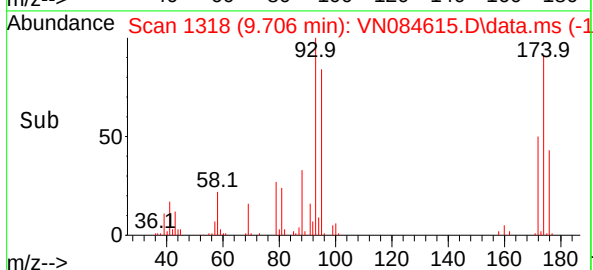
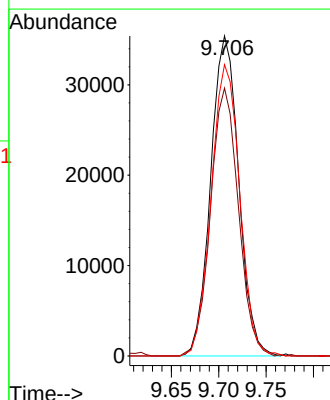
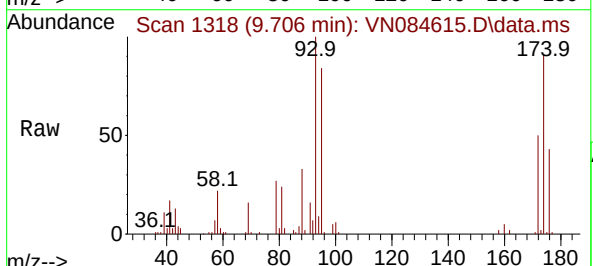
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

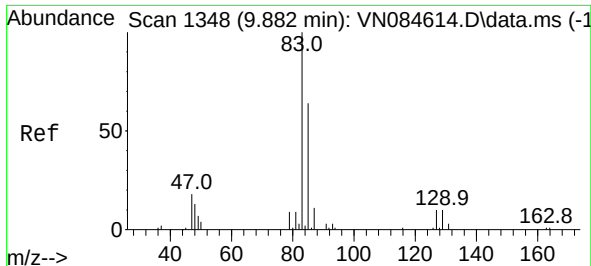
Tgt Ion: 63 Resp: 103300
Ion Ratio Lower Upper
63 100
65 33.0 27.8 41.8



#40
Dibromomethane
Concen: 49.139 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 93 Resp: 72848
Ion Ratio Lower Upper
93 100
95 83.2 0.0 168.4
174 92.8 0.0 183.4

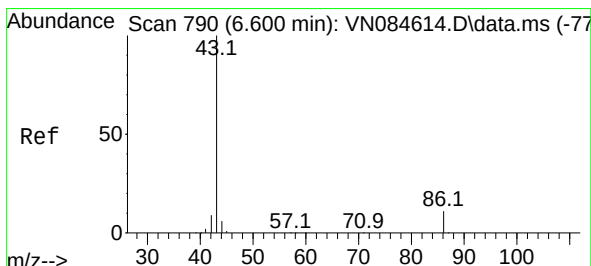
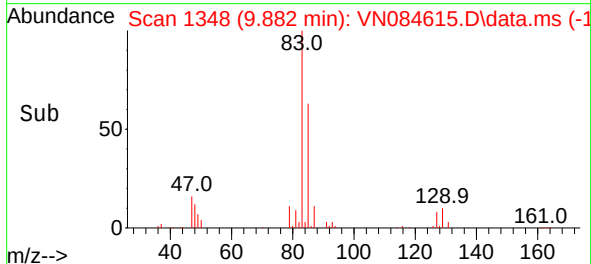
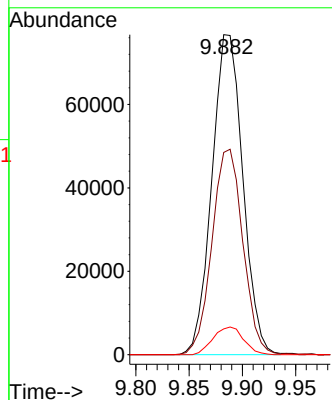
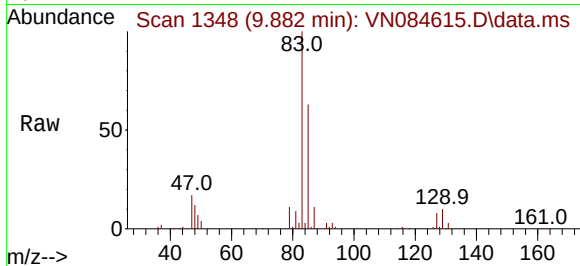




#41
Bromodichloromethane
Concen: 48.769 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

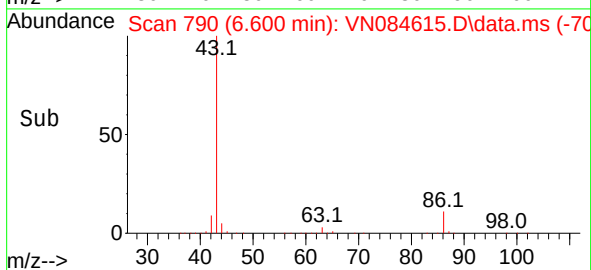
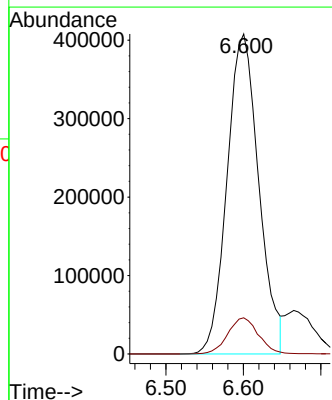
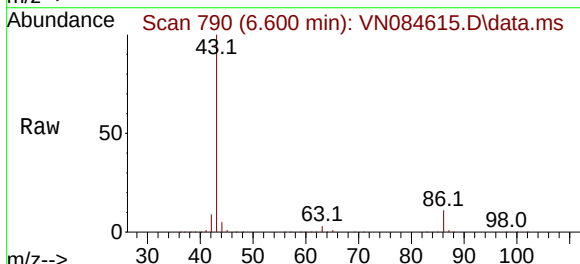
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

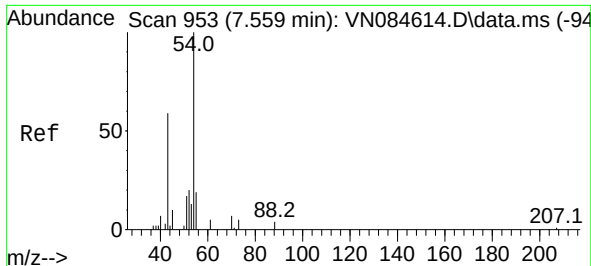
Tgt Ion: 83 Resp: 154994
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.6
127 8.0 7.8 11.6



#42
Vinyl Acetate
Concen: 252.978 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 43 Resp: 1161725
Ion Ratio Lower Upper
43 100
86 10.9 8.6 13.0





#43

Ethyl Acetate

Concen: 50.265 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

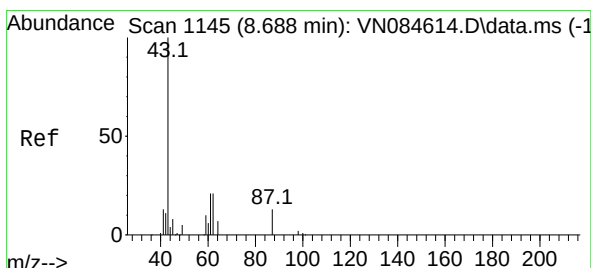
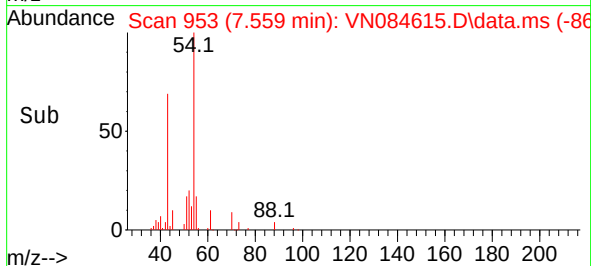
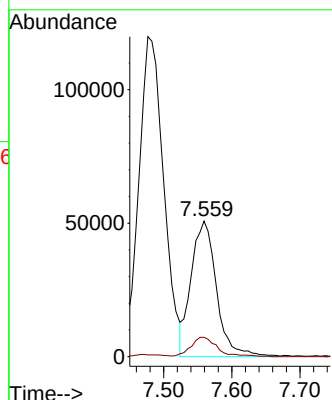
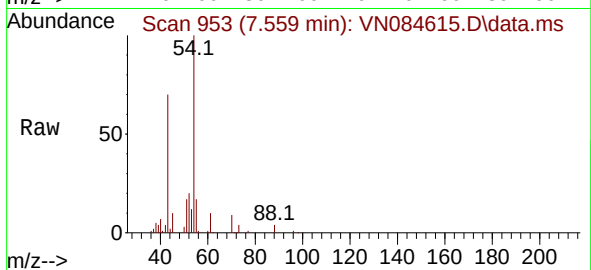
VSTDICC050

Tgt Ion: 43 Resp: 131344

Ion Ratio Lower Upper

43 100

45 12.9 11.0 16.4



#44

Isopropyl Acetate

Concen: 44.267 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084615.D

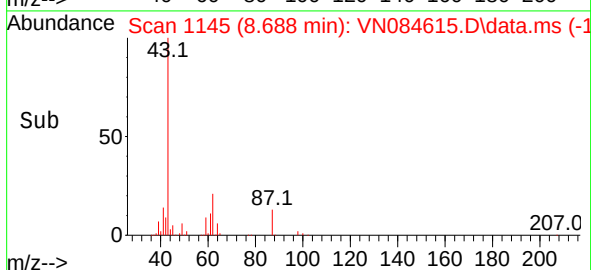
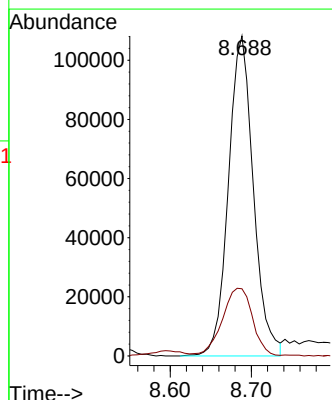
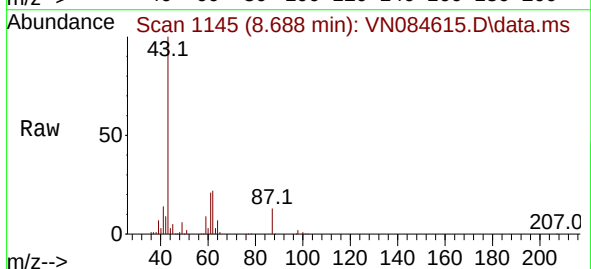
Acq: 31 Oct 2024 12:56

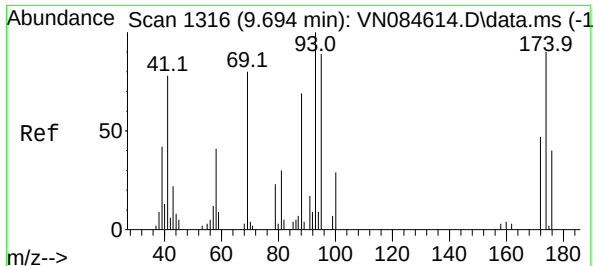
Tgt Ion: 43 Resp: 231400

Ion Ratio Lower Upper

43 100

61 25.7 19.8 29.8





#45

1,4-Dioxane

Concen: 973.675 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

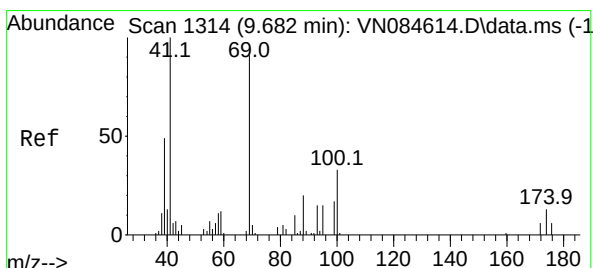
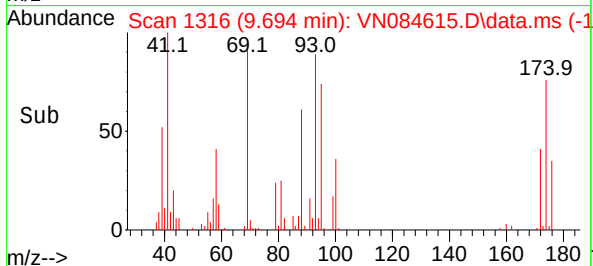
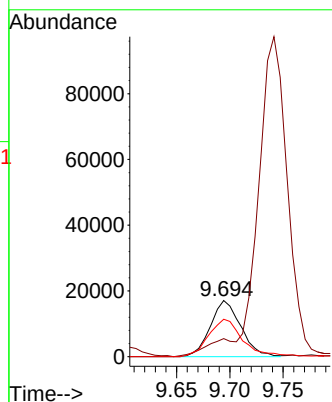
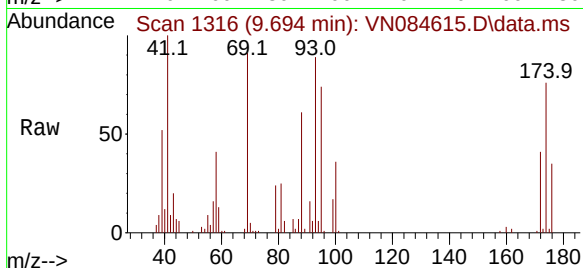
Tgt Ion: 88 Resp: 33980

Ion Ratio Lower Upper

88 100

43 31.5 20.8 31.2#

58 75.3 53.4 80.2



#46

Methyl methacrylate

Concen: 49.957 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

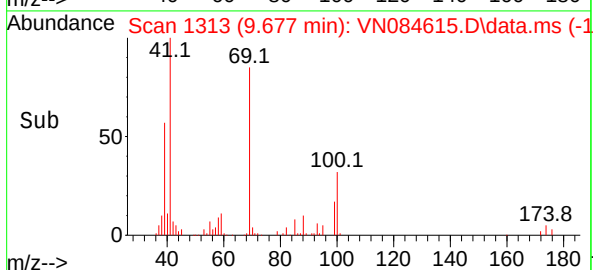
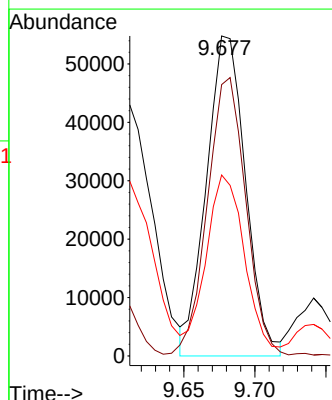
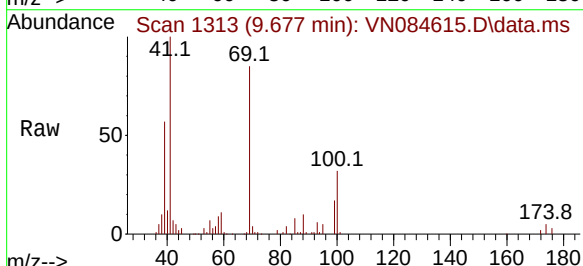
Tgt Ion: 41 Resp: 104945

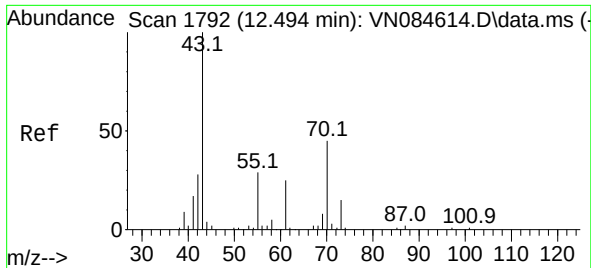
Ion Ratio Lower Upper

41 100

69 87.3 43.4 130.2

39 56.2 24.7 74.1

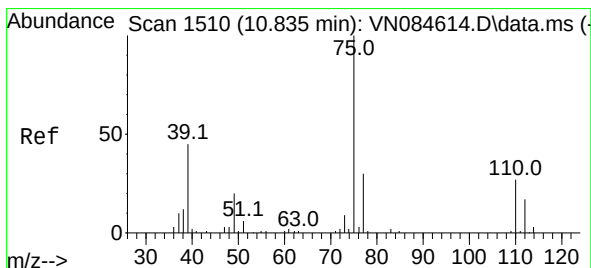
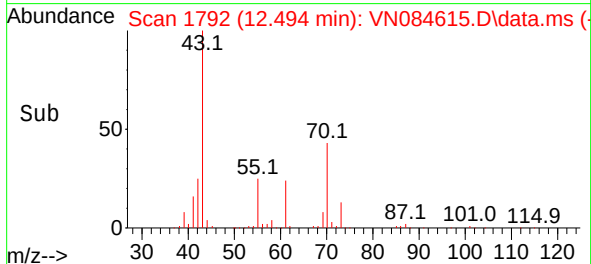
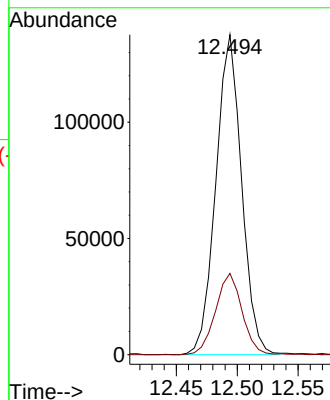
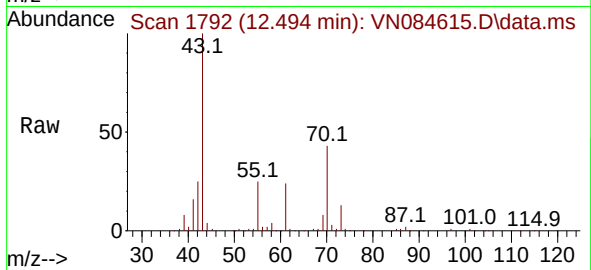




#47
n-amyI Acetate
Concen: 51.886 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

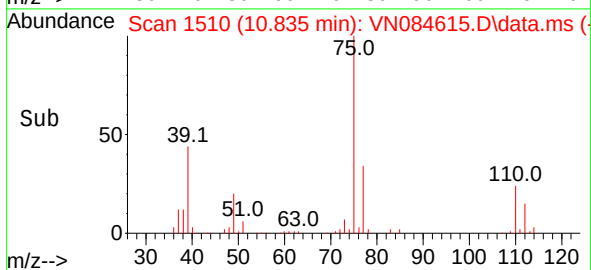
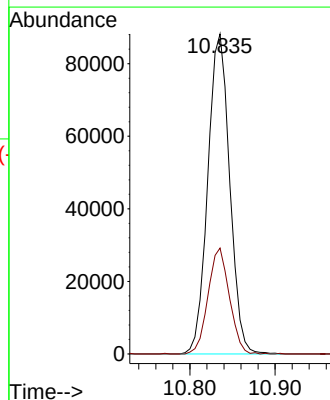
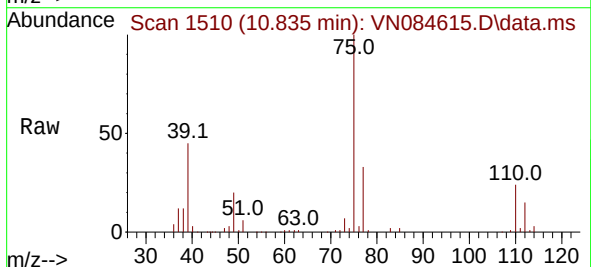
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

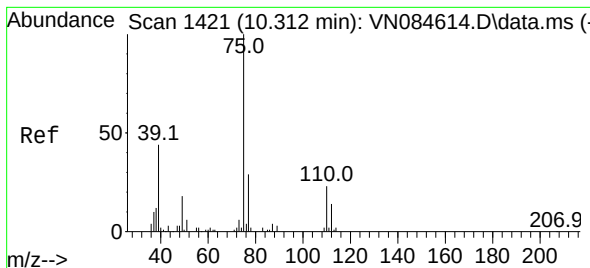
Tgt Ion: 43 Resp: 202564
Ion Ratio Lower Upper
43 100
55 26.2 22.0 33.0



#48
t-1,3-Dichloropropene
Concen: 50.224 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 75 Resp: 157614
Ion Ratio Lower Upper
75 100
77 33.1 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 49.675 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

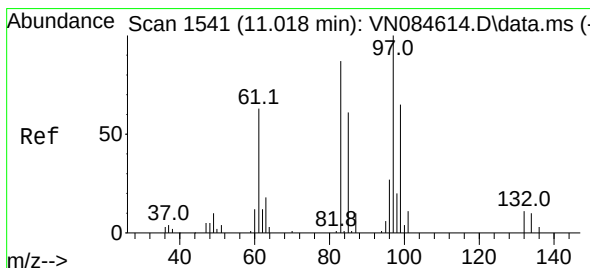
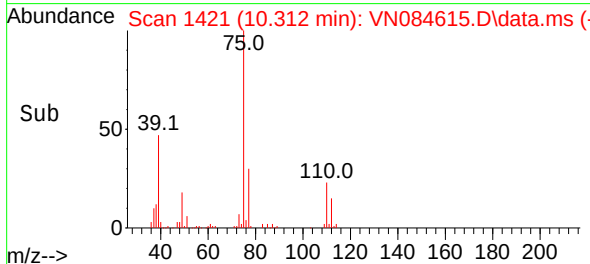
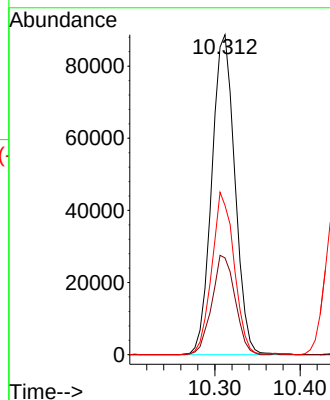
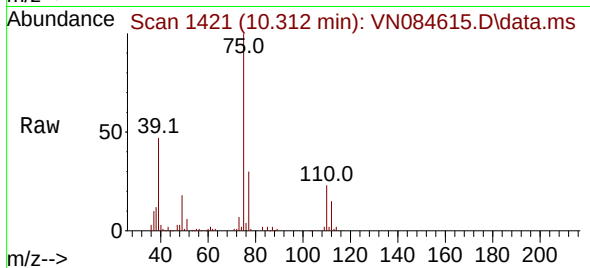
Tgt Ion: 75 Resp: 167077

Ion Ratio Lower Upper

75 100

77 30.3 23.4 35.2

39 46.7 35.4 53.2



#50

1,1,2-Trichloroethane

Concen: 49.780 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Tgt Ion: 97 Resp: 98990

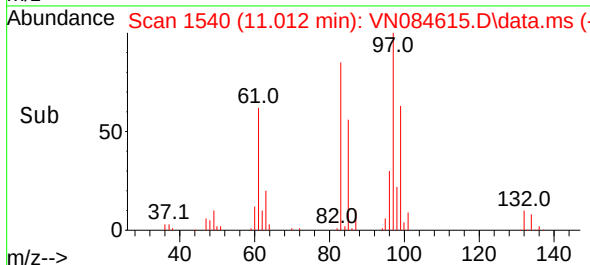
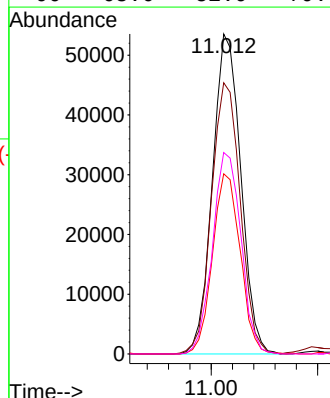
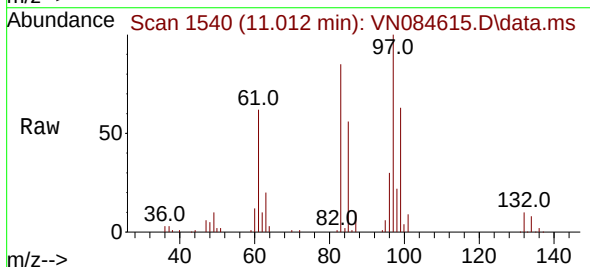
Ion Ratio Lower Upper

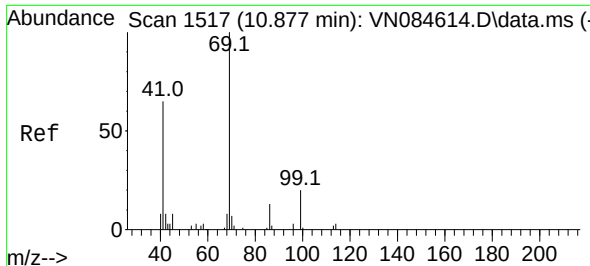
97 100

83 84.7 69.8 104.8

85 56.3 48.6 73.0

99 63.0 52.9 79.3

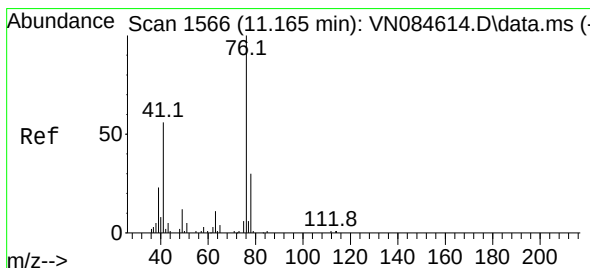
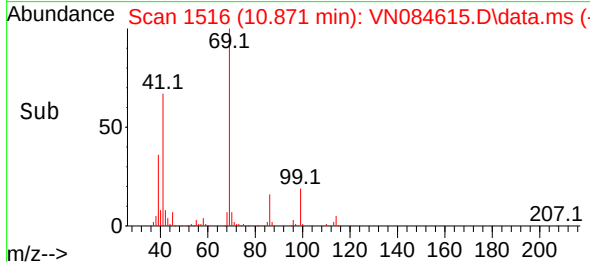
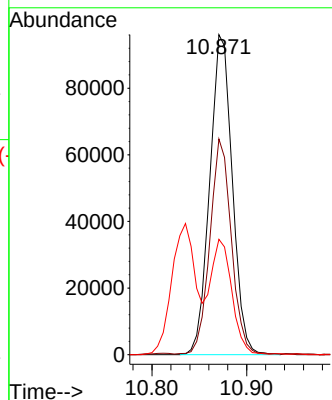
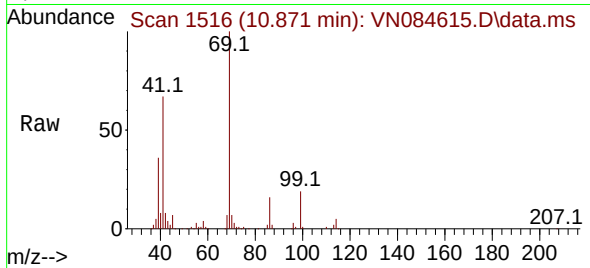




#51
Ethyl methacrylate
Concen: 51.786 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

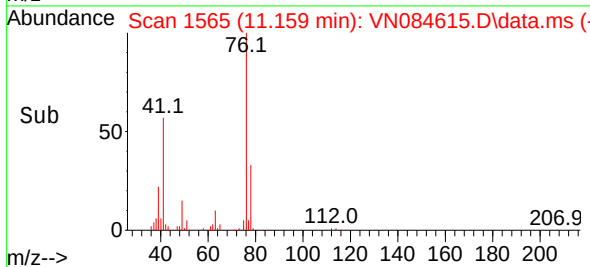
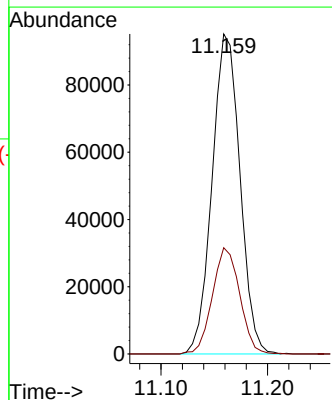
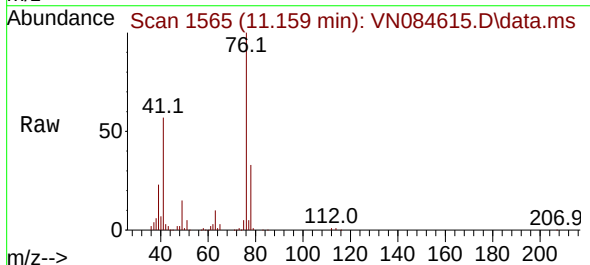
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

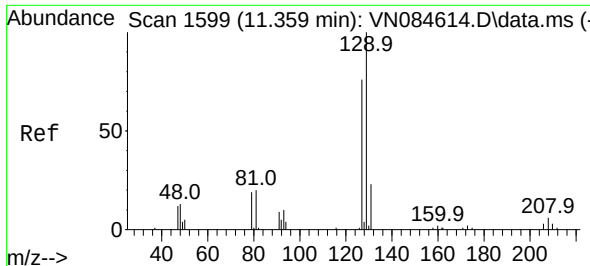
Tgt Ion: 69 Resp: 158738
Ion Ratio Lower Upper
69 100
41 67.1 32.8 98.3
39 35.8 15.4 46.1



#52
1,3-Dichloropropane
Concen: 50.047 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 76 Resp: 172748
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.0





#53

Dibromochloromethane

Concen: 50.750 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

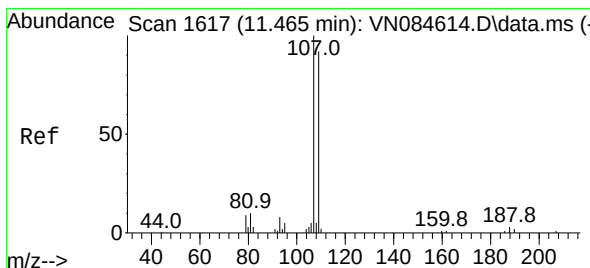
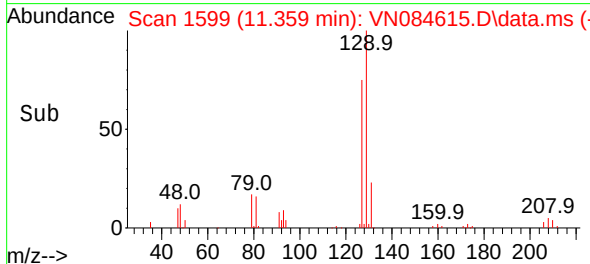
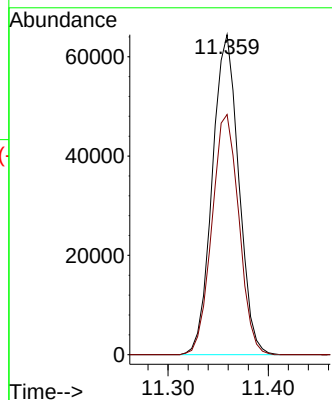
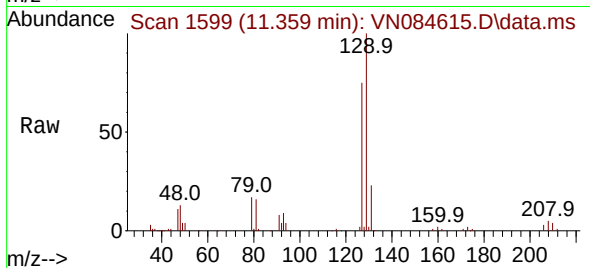
VSTDIC050

Tgt Ion:129 Resp: 118100

Ion Ratio Lower Upper

129 100

127 76.5 39.6 119.0



#54

1,2-Dibromoethane

Concen: 49.341 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN084615.D

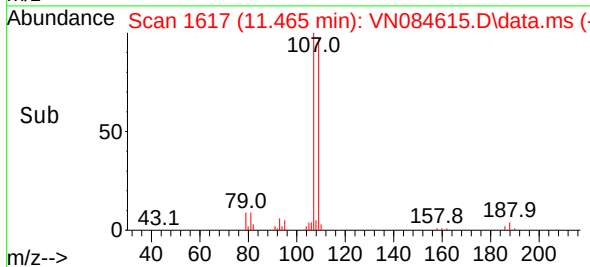
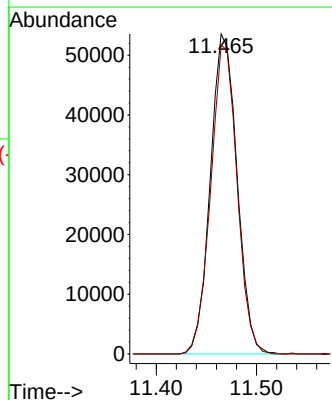
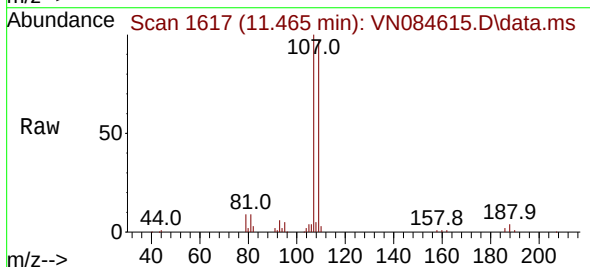
Acq: 31 Oct 2024 12:56

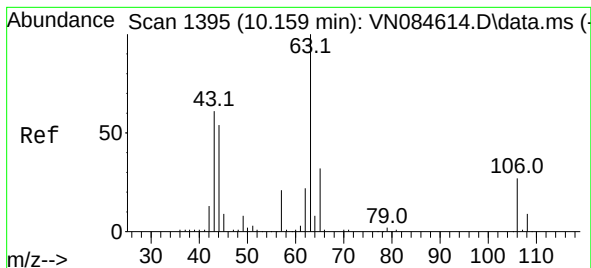
Tgt Ion:107 Resp: 99236

Ion Ratio Lower Upper

107 100

109 95.2 73.4 110.0

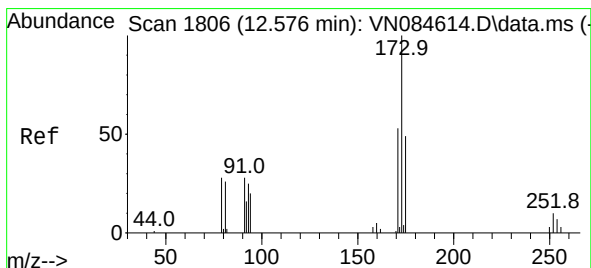
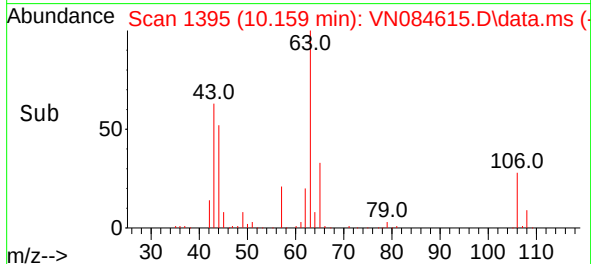
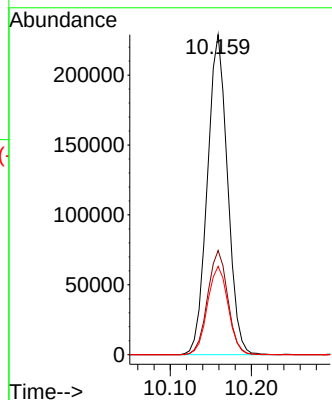
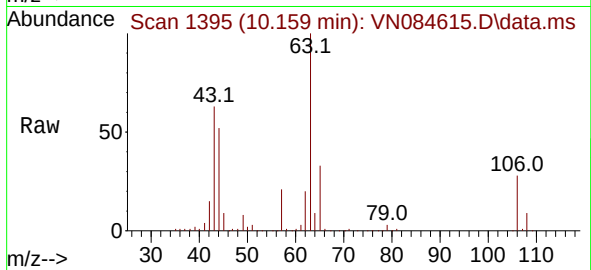




#55
2-Chloroethyl vinyl ether
Concen: 263.010 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

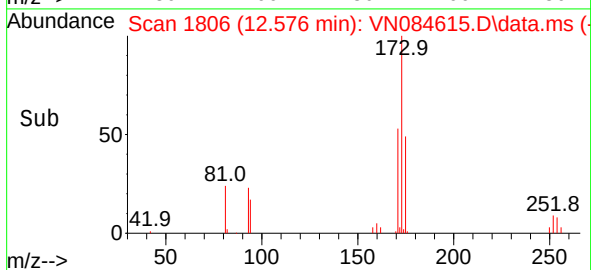
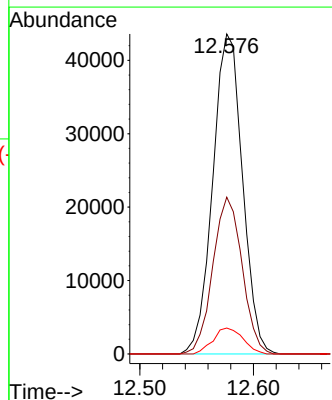
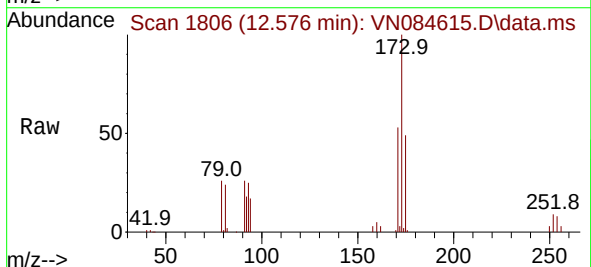
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

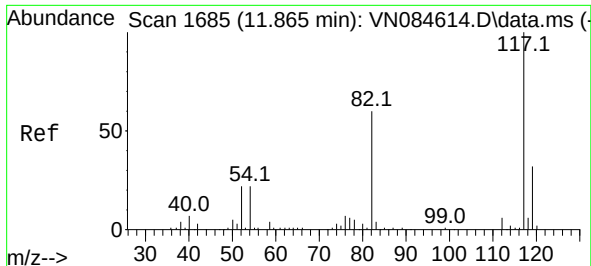
Tgt Ion: 63 Resp: 395250
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 28.3 22.3 33.5



#56
Bromoform
Concen: 50.781 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion:173 Resp: 79210
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 8.2 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

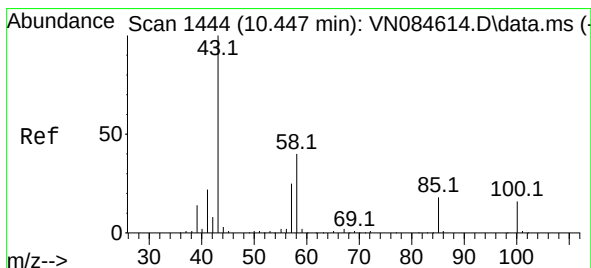
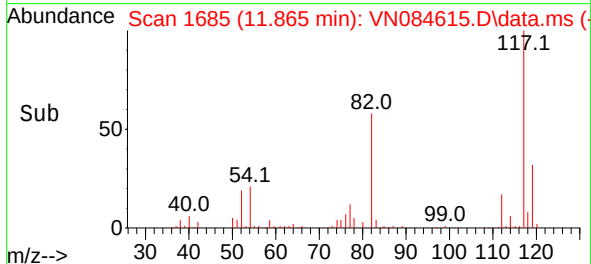
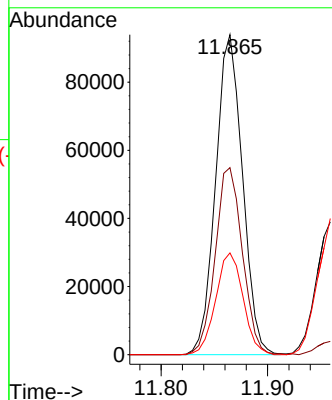
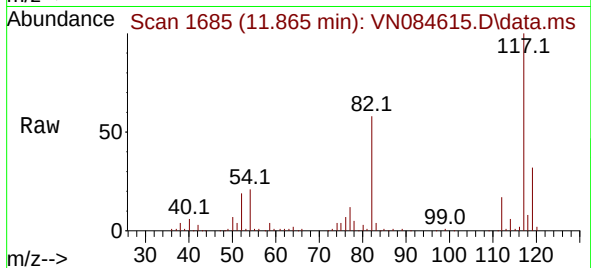
Tgt Ion:117 Resp: 164720

Ion Ratio Lower Upper

117 100

82 59.2 45.5 68.3

119 32.4 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 249.093 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

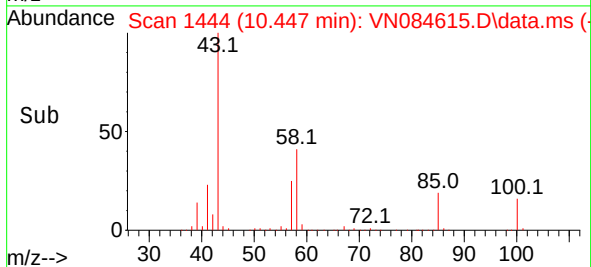
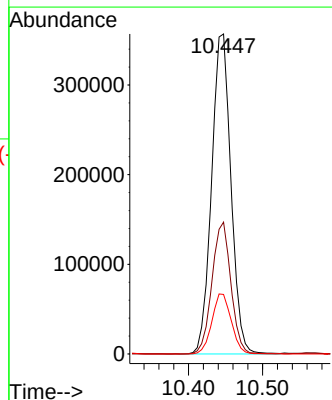
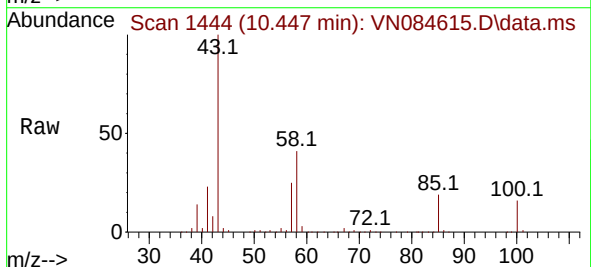
Tgt Ion: 43 Resp: 647306

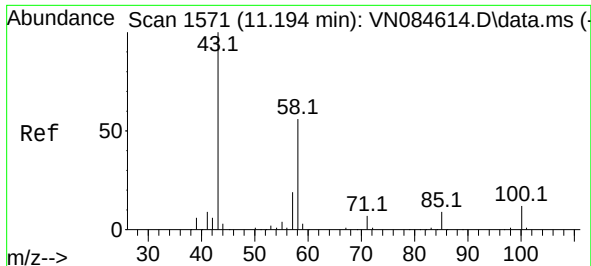
Ion Ratio Lower Upper

43 100

58 40.3 31.2 46.8

85 18.8 14.9 22.3





#59

2-Hexanone

Concen: 251.701 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

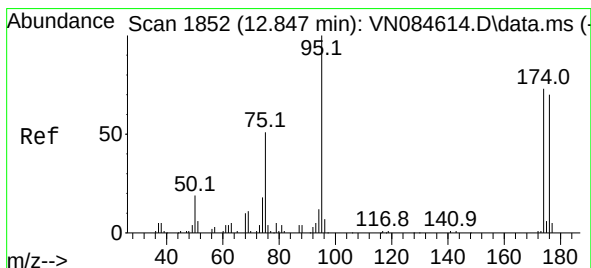
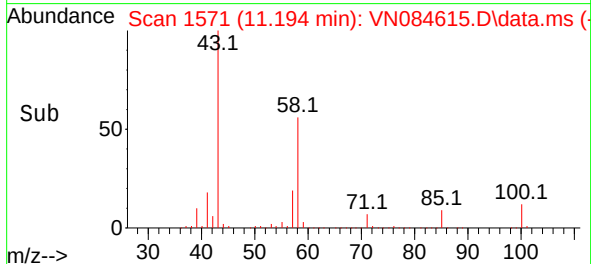
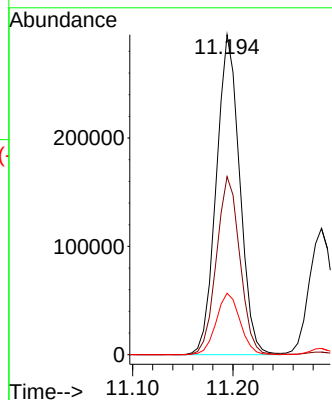
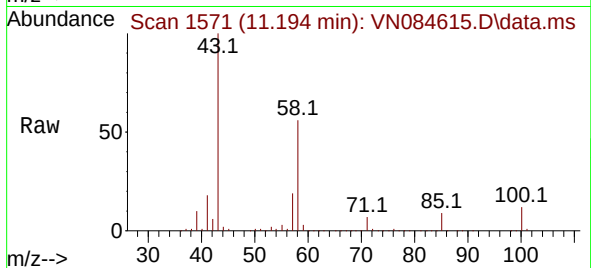
Tgt Ion: 43 Resp: 478961

Ion Ratio Lower Upper

43 100

58 55.6 43.8 65.6

57 19.5 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 30.828 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

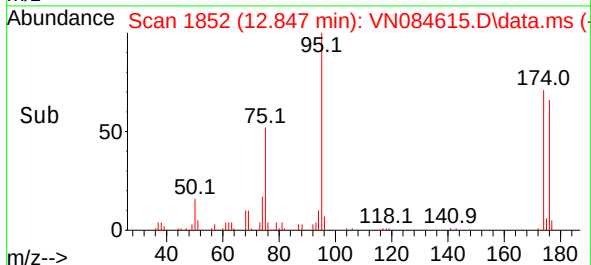
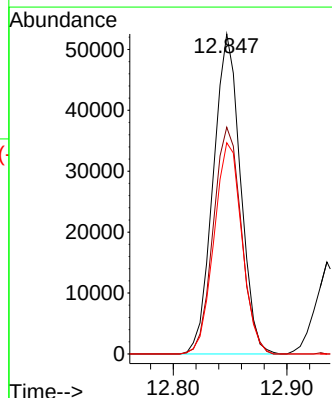
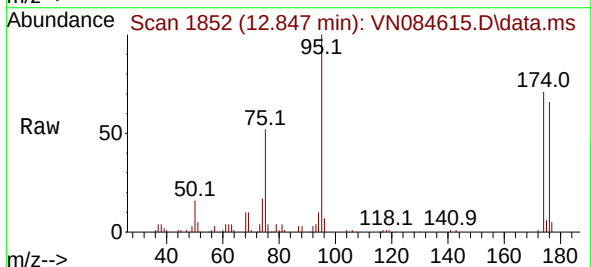
Tgt Ion: 95 Resp: 87434

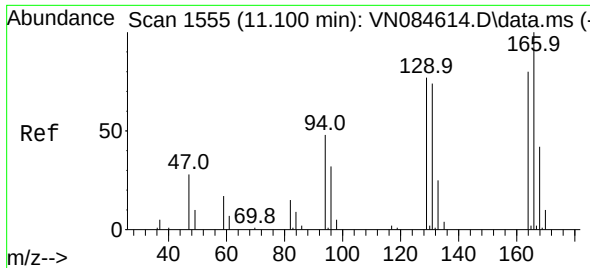
Ion Ratio Lower Upper

95 100

174 73.0 59.6 89.4

176 67.7 58.6 88.0

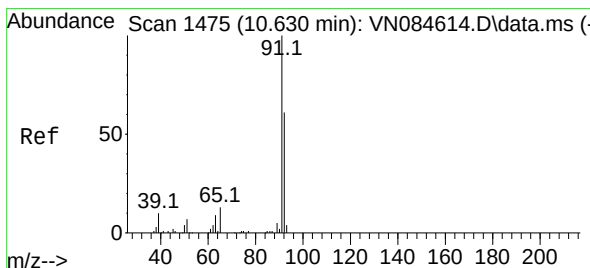
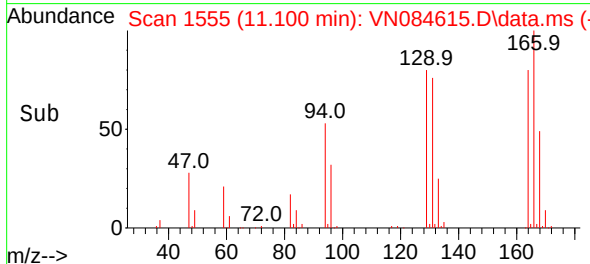
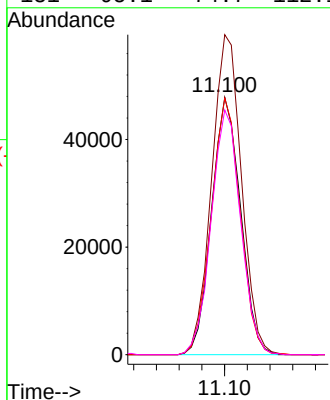
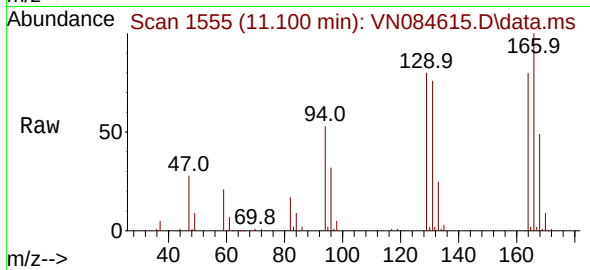




#61
Tetrachloroethene
Concen: 49.359 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

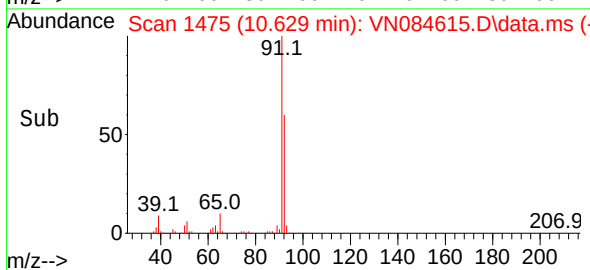
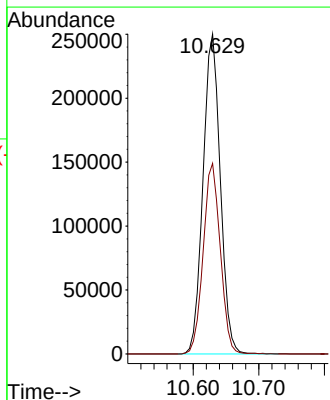
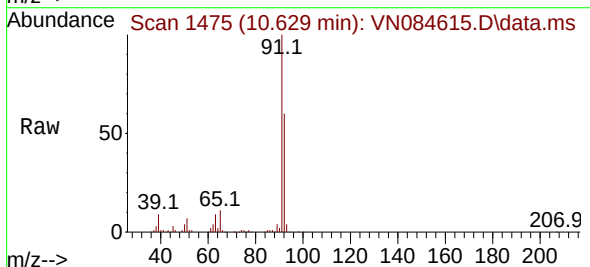
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

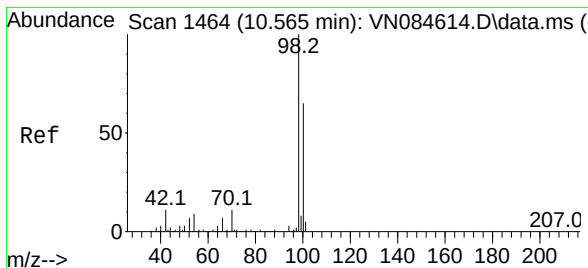
Tgt Ion:164 Resp: 85090
Ion Ratio Lower Upper
164 100
166 124.4 100.5 150.7
129 99.7 77.7 116.5
131 95.1 74.7 112.1



#62
Toluene
Concen: 49.000 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 91 Resp: 459711
Ion Ratio Lower Upper
91 100
92 58.7 47.5 71.3





#63

Toluene-d8

Concen: 29.919 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

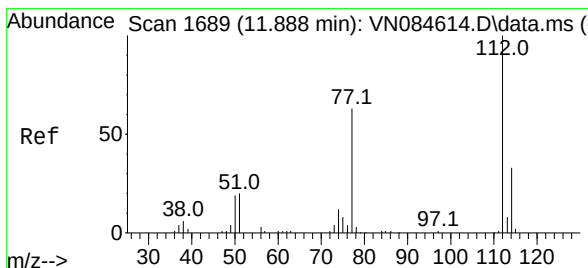
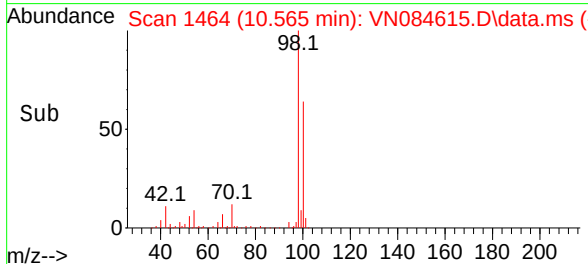
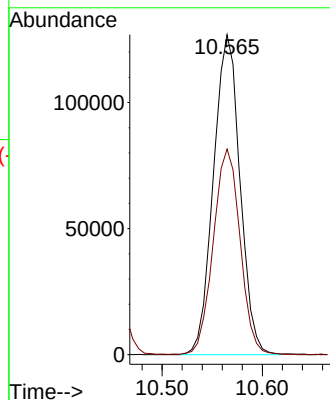
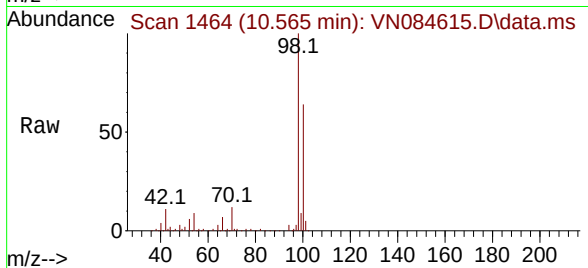
VSTDIC050

Tgt Ion: 98 Resp: 233304

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#64

Chlorobenzene

Concen: 49.357 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084615.D

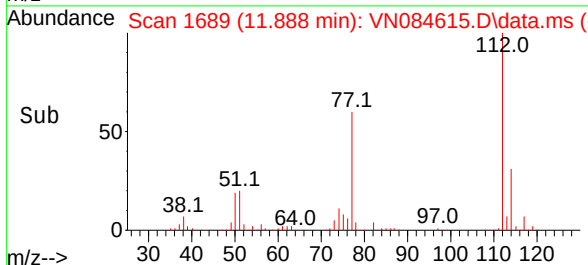
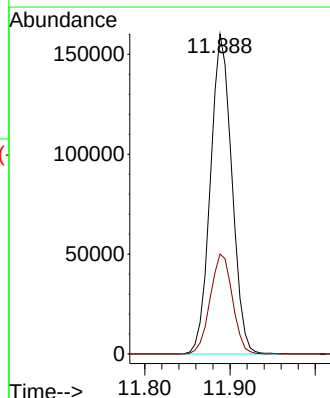
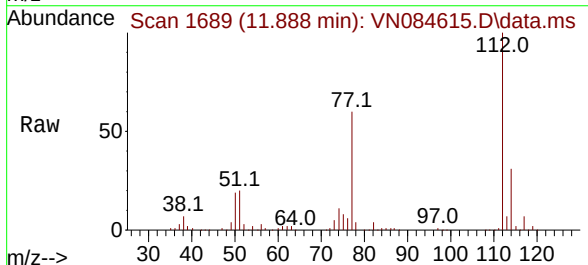
Acq: 31 Oct 2024 12:56

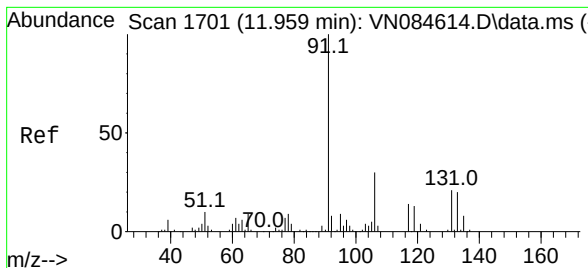
Tgt Ion: 112 Resp: 279544

Ion Ratio Lower Upper

112 100

114 31.2 26.2 39.4

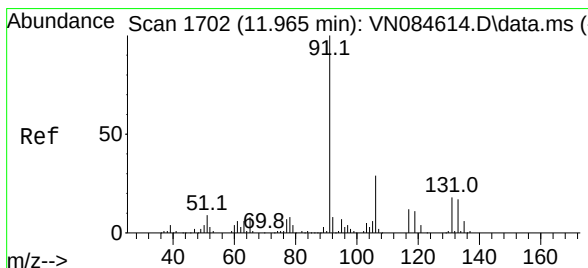
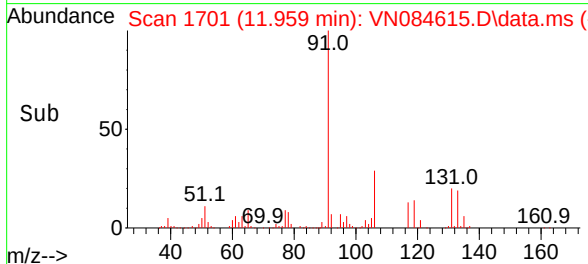
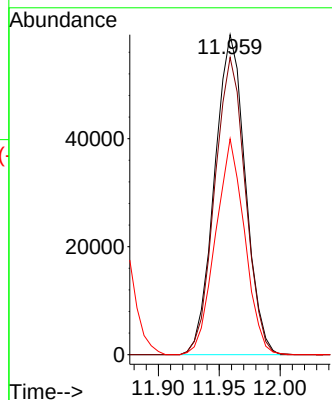
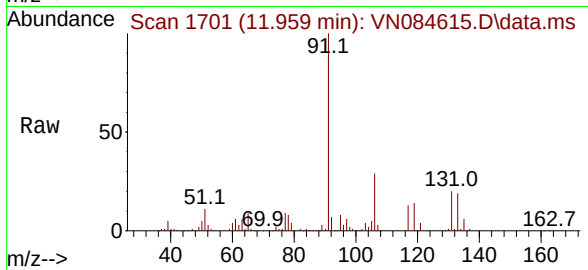




#65
1,1,1,2-Tetrachloroethane
Concen: 50.060 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

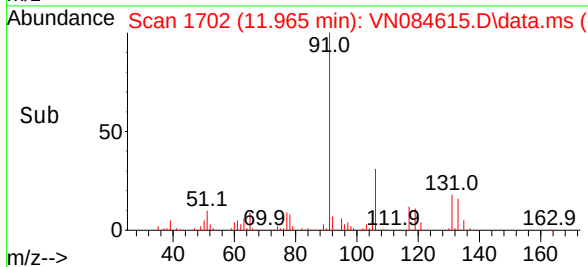
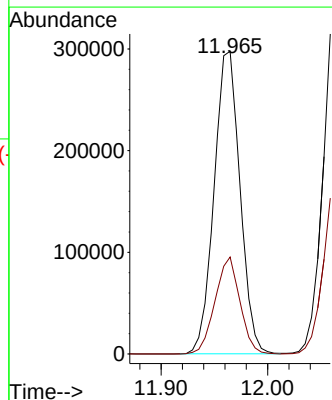
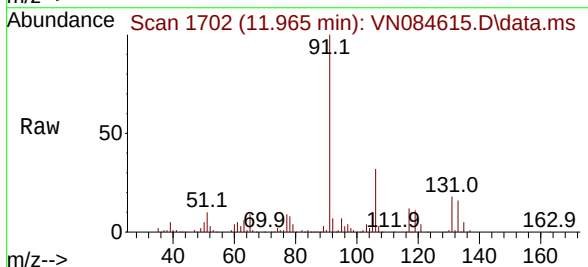
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

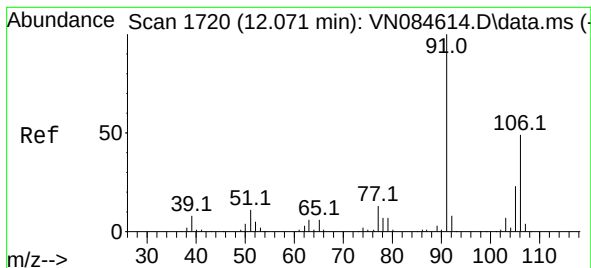
Tgt Ion:131 Resp: 104199
Ion Ratio Lower Upper
131 100
133 92.5 0.0 189.2
119 63.9 0.0 129.4



#66
Ethyl Benzene
Concen: 50.927 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 91 Resp: 502126
Ion Ratio Lower Upper
91 100
106 32.0 22.9 34.3

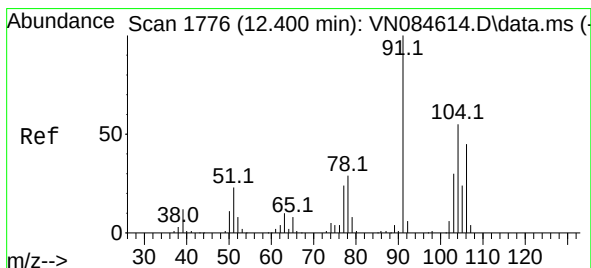
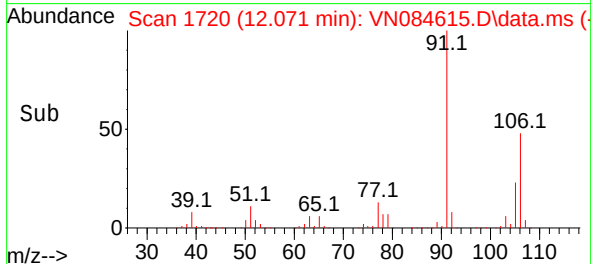
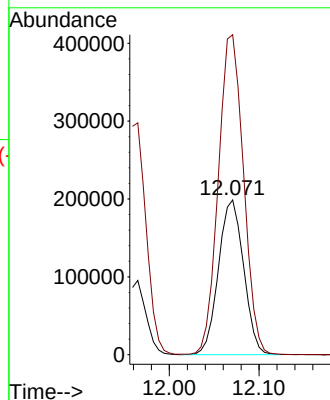
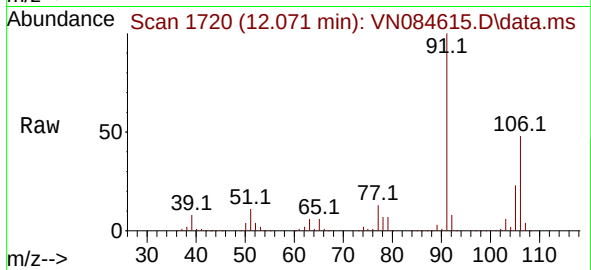




#67
m/p-Xylenes
Concen: 102.646 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

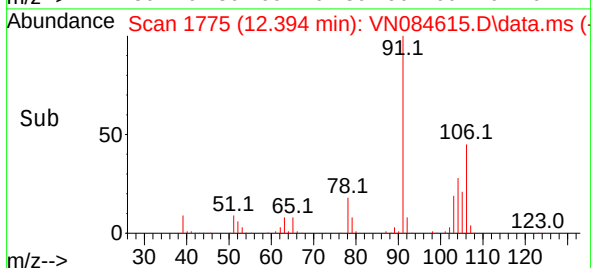
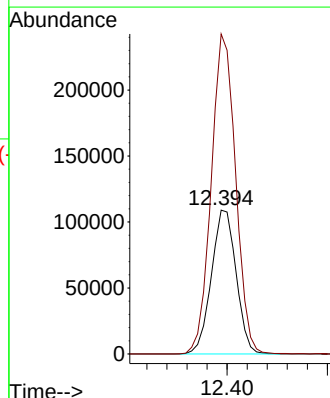
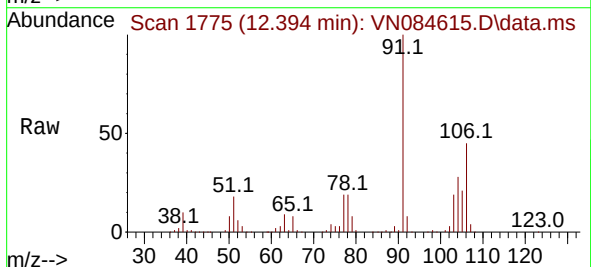
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

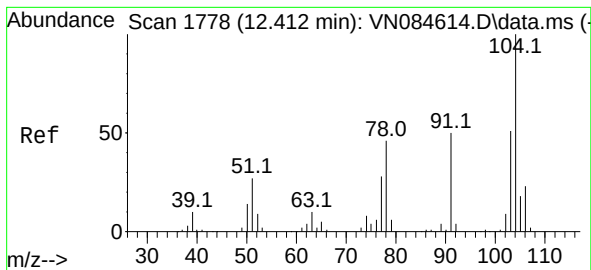
Tgt Ion:106 Resp: 387469
Ion Ratio Lower Upper
106 100
91 207.4 168.1 252.1



#68
o-Xylene
Concen: 51.361 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion:106 Resp: 187021
Ion Ratio Lower Upper
106 100
91 218.4 107.7 322.9





#69

Styrene

Concen: 53.002 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

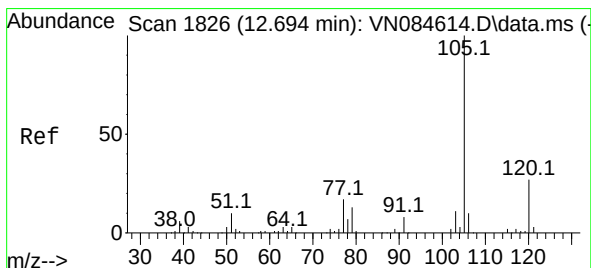
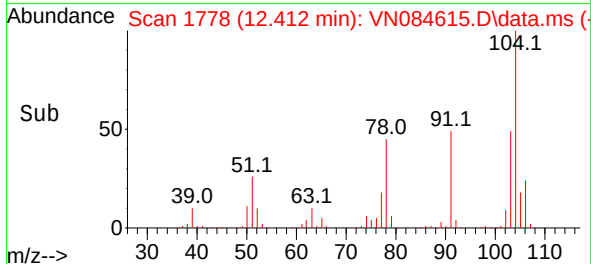
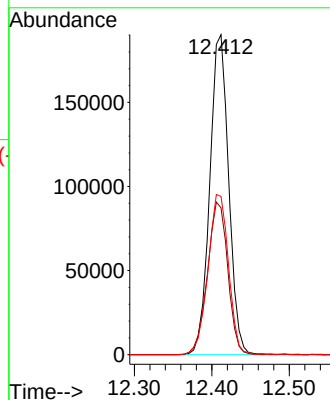
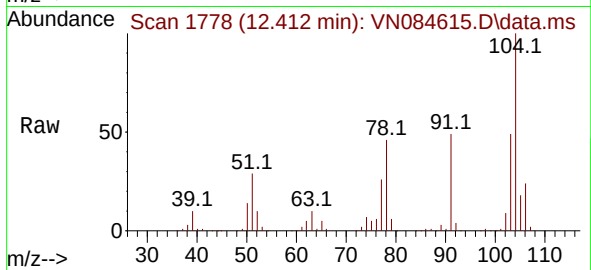
Tgt Ion:104 Resp: 323595

Ion Ratio Lower Upper

104 100

78 51.2 41.5 62.3

103 54.2 44.6 67.0



#70

Isopropylbenzene

Concen: 52.050 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084615.D

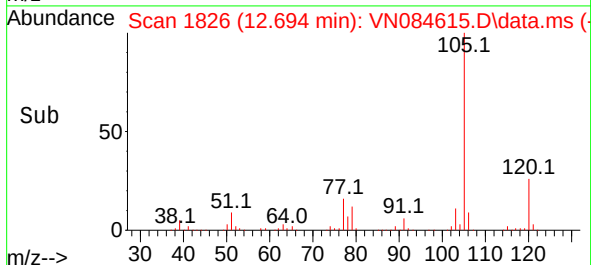
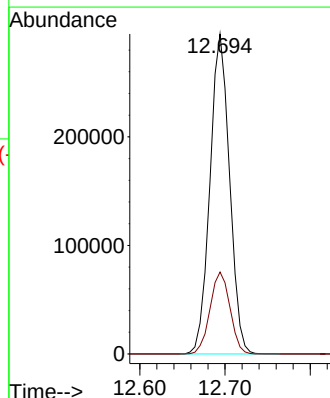
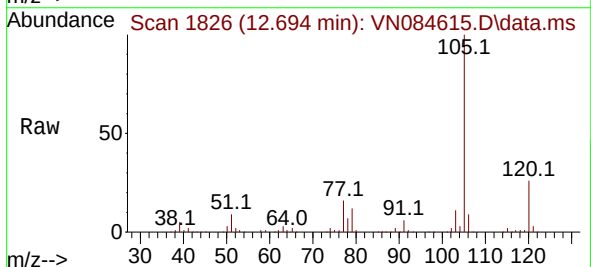
Acq: 31 Oct 2024 12:56

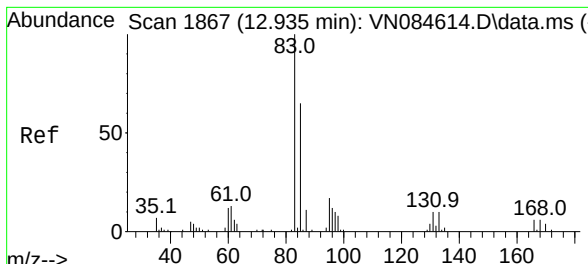
Tgt Ion:105 Resp: 470823

Ion Ratio Lower Upper

105 100

120 26.0 18.7 34.7

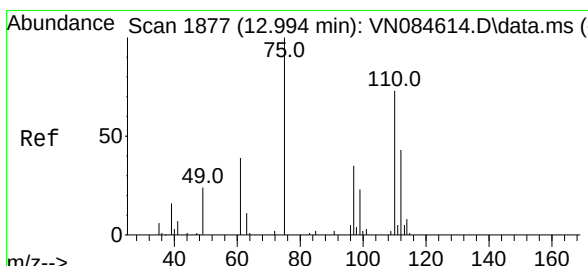
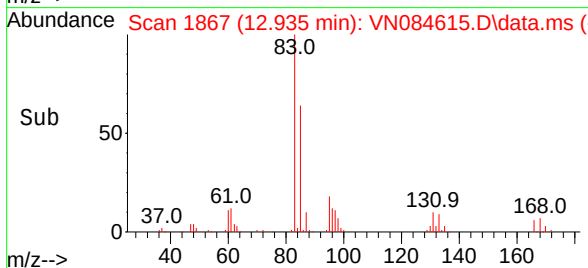
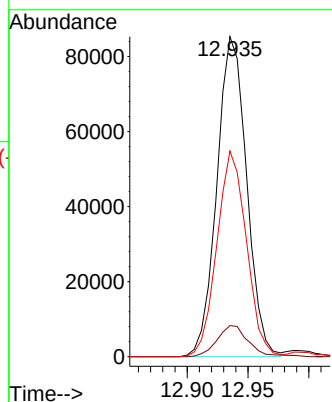
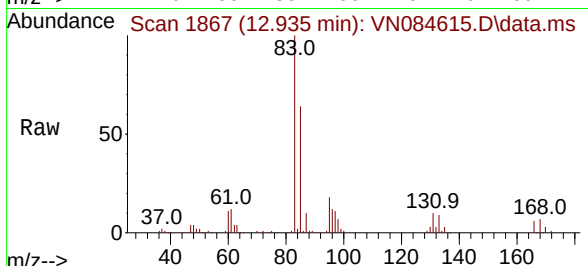




#71
 1,1,2,2-Tetrachloroethane
 Concen: 49.532 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084615.D
 Acq: 31 Oct 2024 12:56

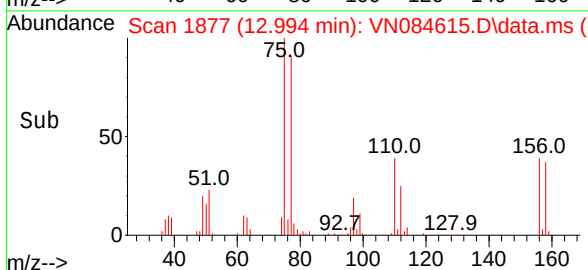
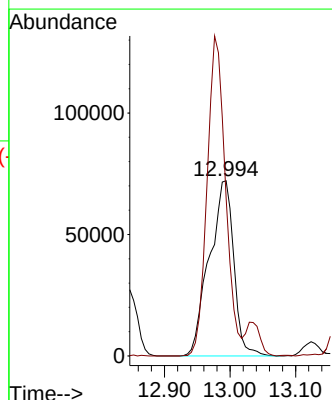
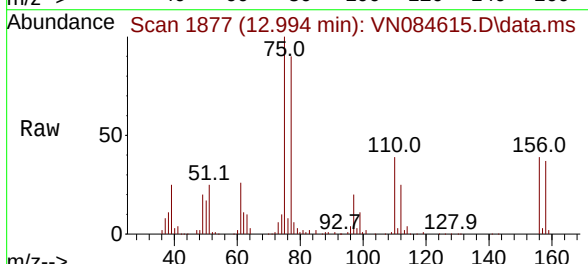
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

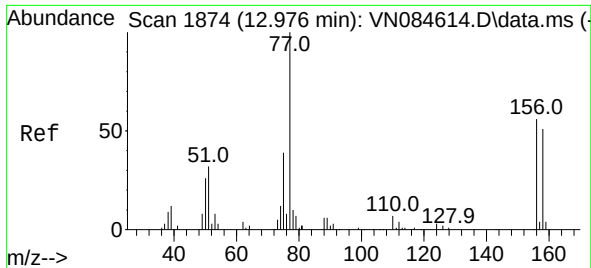
Tgt Ion: 83 Resp: 145223
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 63.6 33.3 99.9



#72
 1,2,3-Trichloropropane
 Concen: 66.851 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN084615.D
 Acq: 31 Oct 2024 12:56

Tgt Ion: 75 Resp: 186982
 Ion Ratio Lower Upper
 75 100
 77 137.7 0.0 358.4

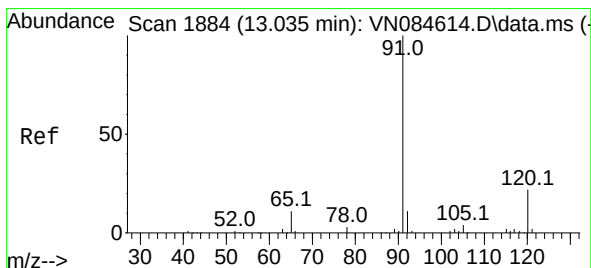
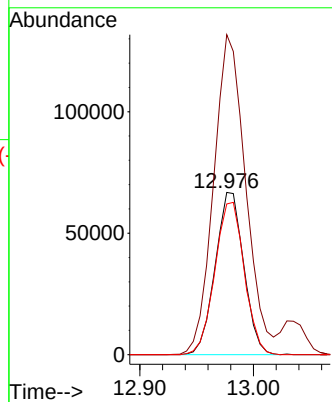
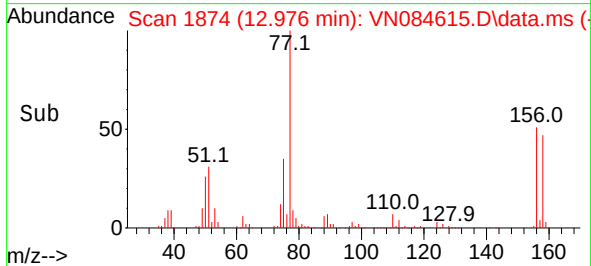
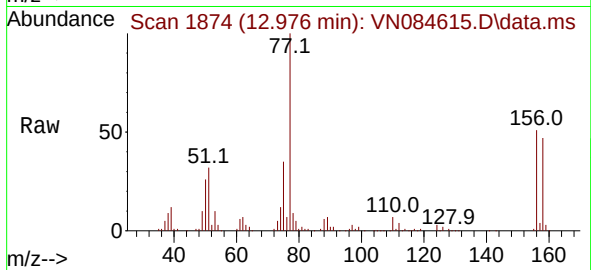




#73
Bromobenzene
Concen: 50.015 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

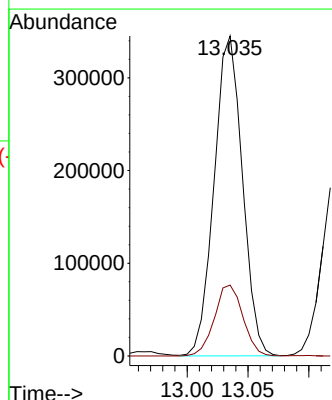
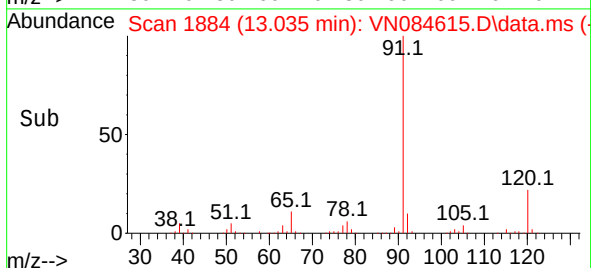
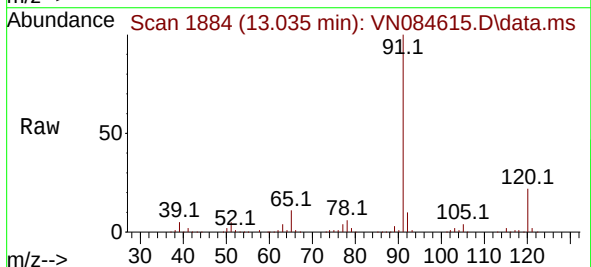
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

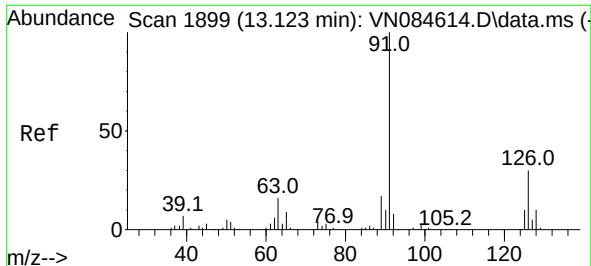
Tgt Ion:156 Resp: 116686
Ion Ratio Lower Upper
156 100
77 220.7 0.0 427.6
158 96.9 0.0 191.6



#74
n-propylbenzene
Concen: 52.681 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 91 Resp: 557232
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0

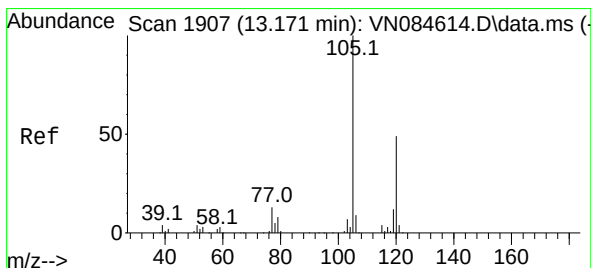
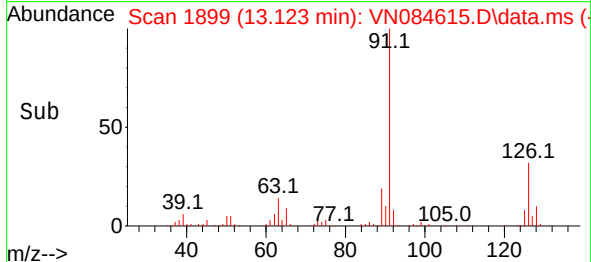
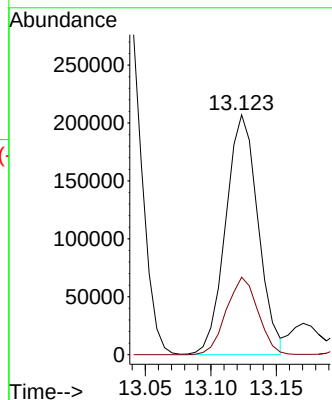
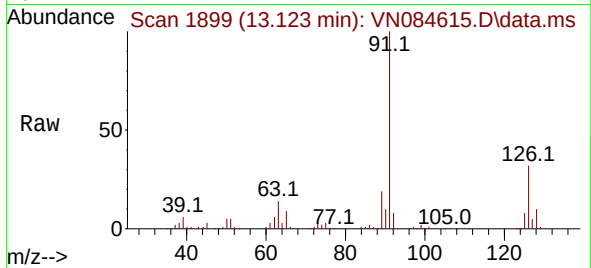




#75
2-Chlorotoluene
Concen: 51.790 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

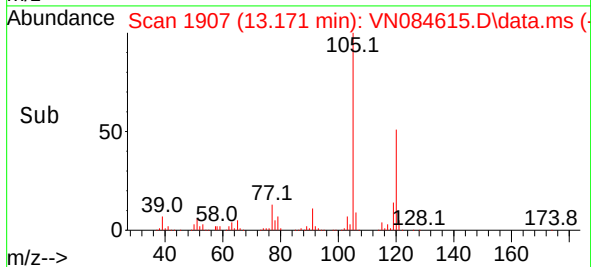
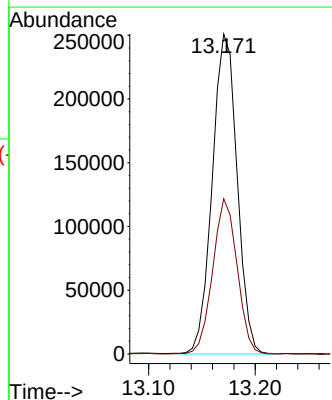
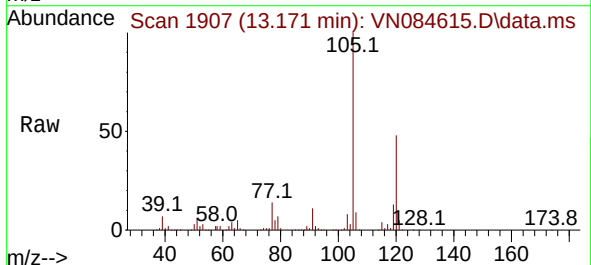
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

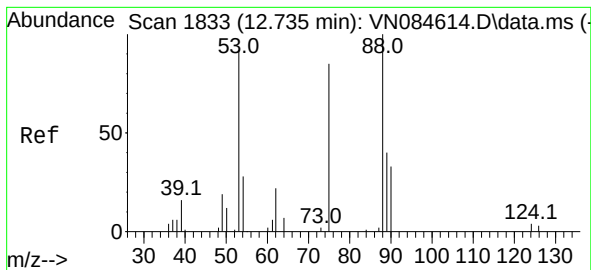
Tgt Ion: 91 Resp: 356739
Ion Ratio Lower Upper
91 100
126 31.5 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 52.568 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion:105 Resp: 406282
Ion Ratio Lower Upper
105 100
120 47.7 0.0 96.8

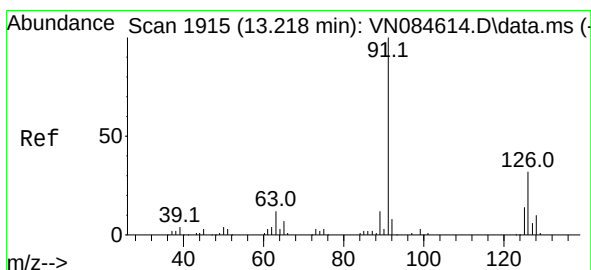
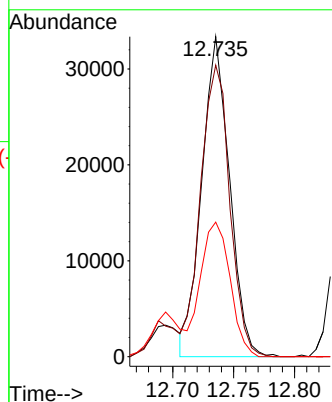
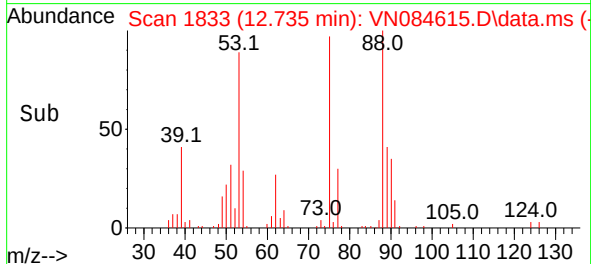
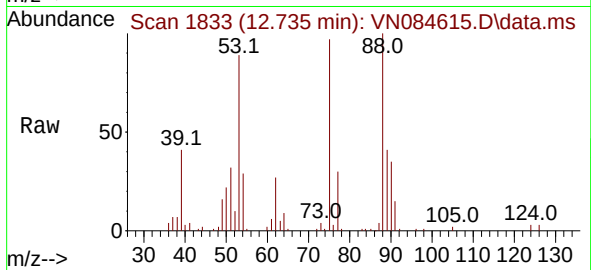




#77
t-1,4-Dichloro-2-butene
Concen: 51.671 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

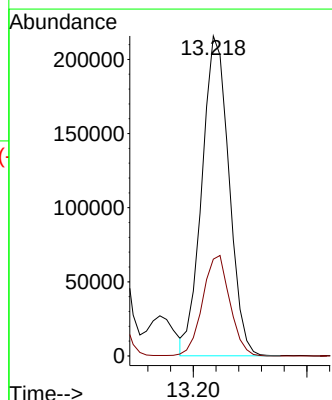
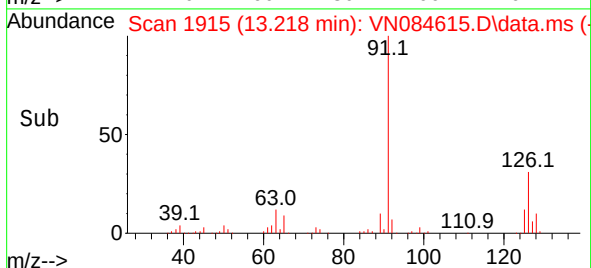
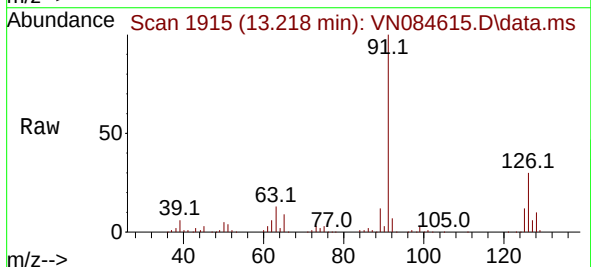
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

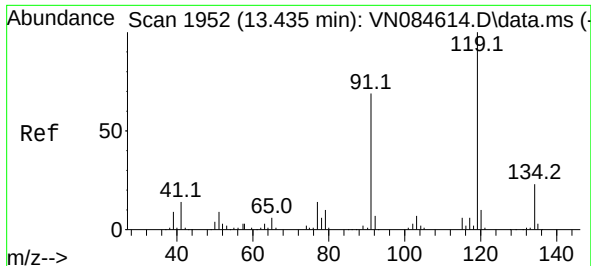
Tgt Ion: 75 Resp: 53054
Ion Ratio Lower Upper
75 100
53 91.1 52.4 157.2
89 42.0 26.0 78.0



#78
4-Chlorotoluene
Concen: 51.329 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 91 Resp: 357227
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4





#79

tert-butylbenzene

Concen: 51.799 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

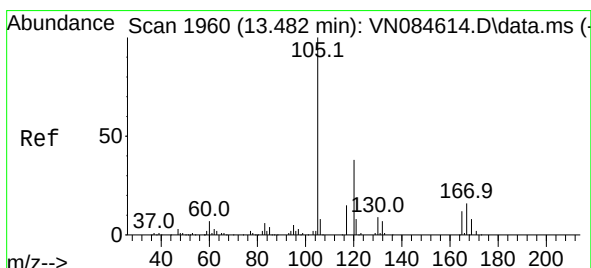
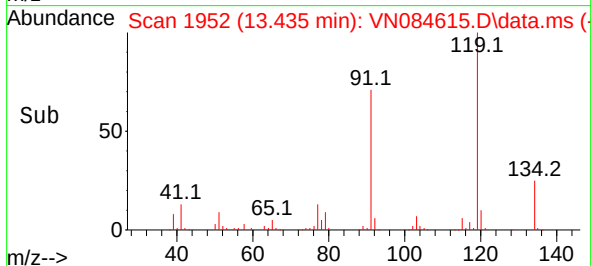
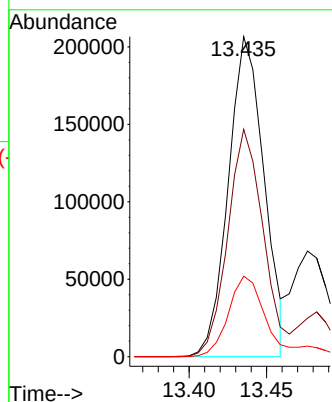
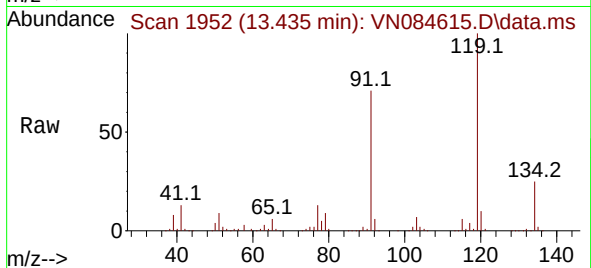
Tgt Ion:119 Resp: 331066

Ion Ratio Lower Upper

119 100

91 71.1 0.0 143.2

134 25.2 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 53.289 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084615.D

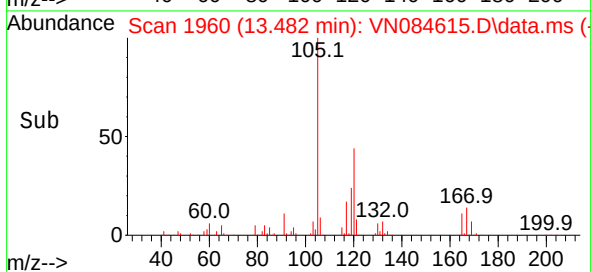
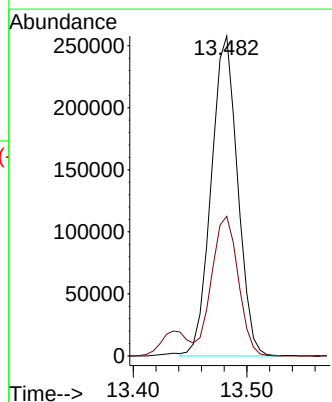
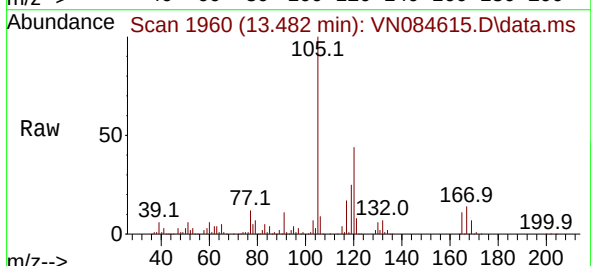
Acq: 31 Oct 2024 12:56

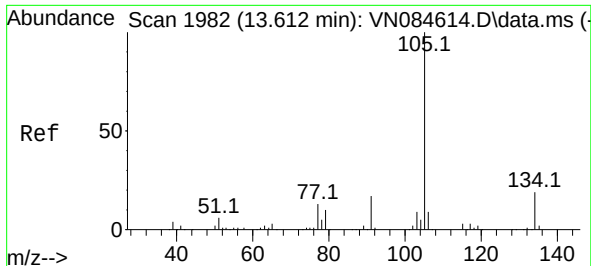
Tgt Ion:105 Resp: 415493

Ion Ratio Lower Upper

105 100

120 44.1 0.0 90.4





#81

sec-Butylbenzene

Concen: 52.727 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

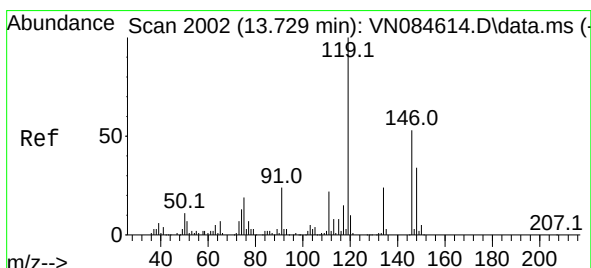
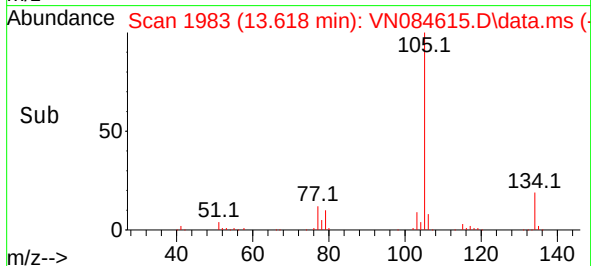
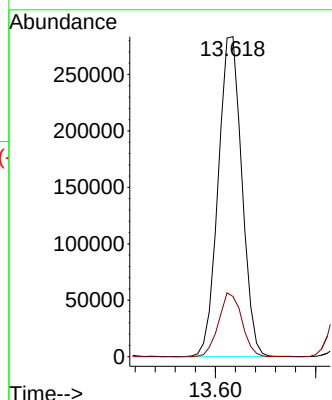
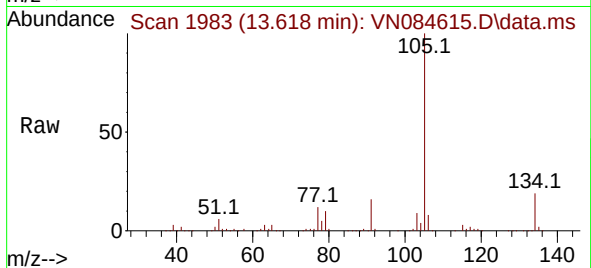
VSTDIC050

Tgt Ion:105 Resp: 464362

Ion Ratio Lower Upper

105 100

134 19.6 0.0 39.0



#82

p-Isopropyltoluene

Concen: 53.609 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

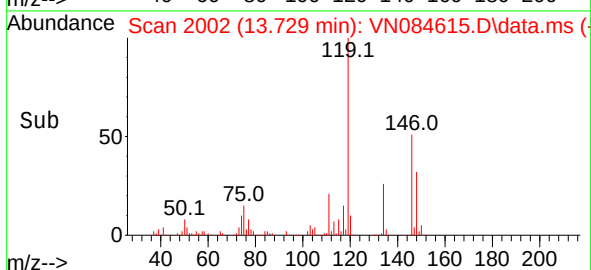
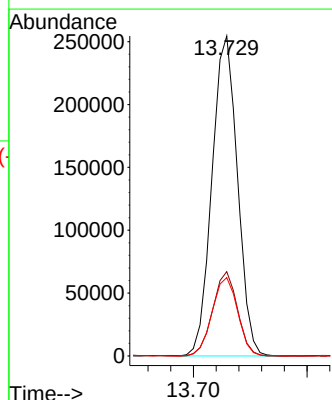
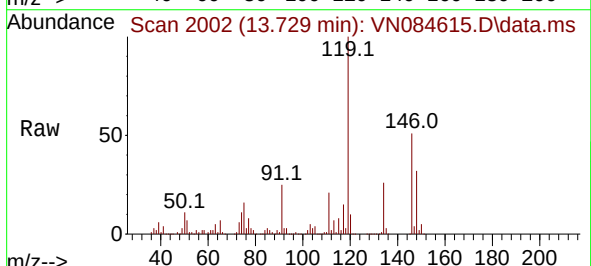
Tgt Ion:119 Resp: 396709

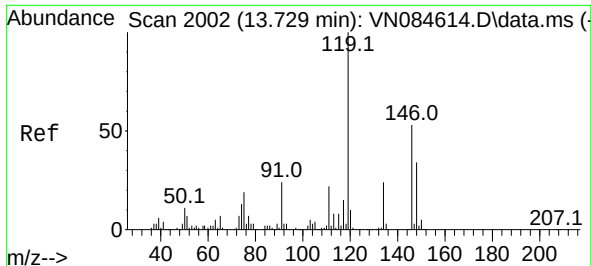
Ion Ratio Lower Upper

119 100

134 25.6 0.0 51.4

91 24.6 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 50.438 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

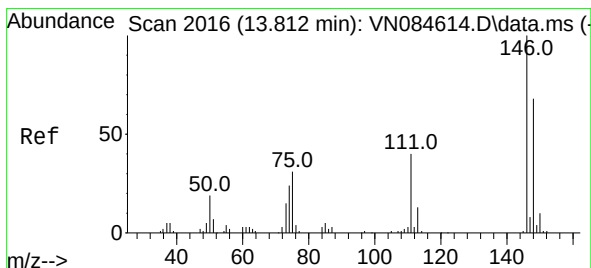
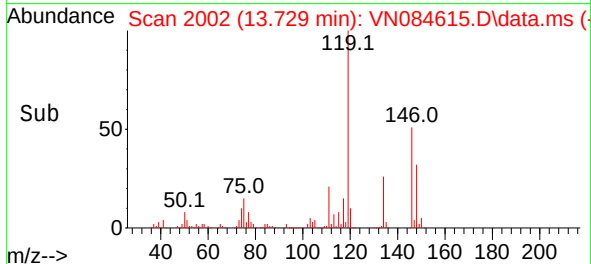
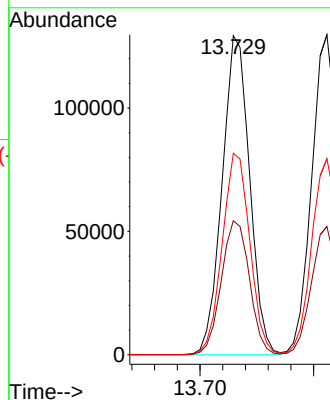
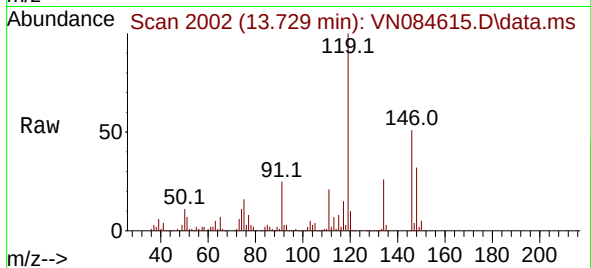
Tgt Ion:146 Resp: 217624

Ion Ratio Lower Upper

146 100

111 42.9 21.0 63.0

148 63.5 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 50.890 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

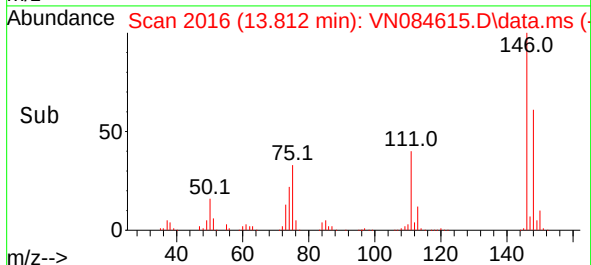
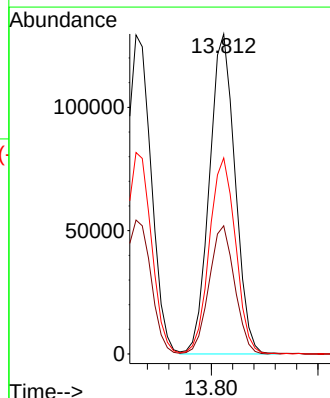
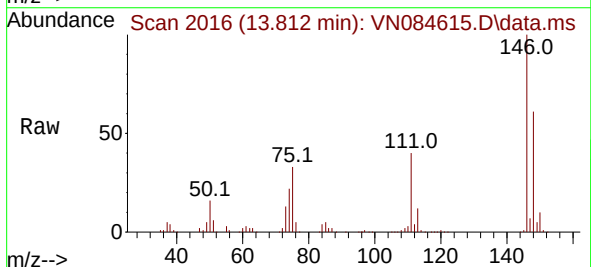
Tgt Ion:146 Resp: 216965

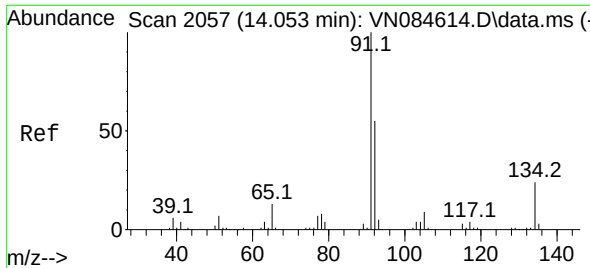
Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

148 62.4 32.6 98.0

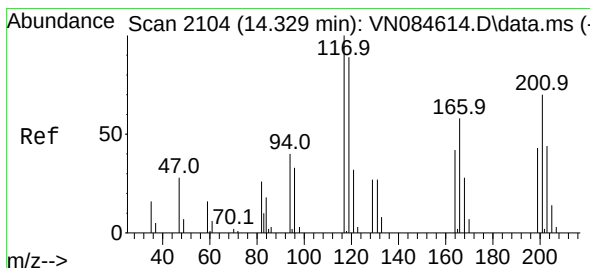
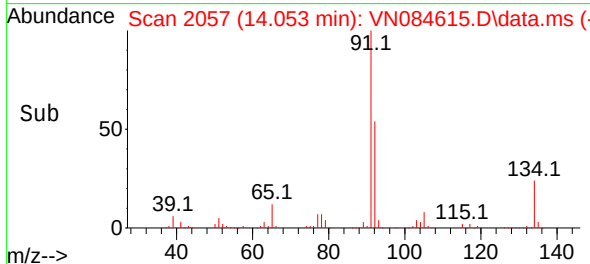
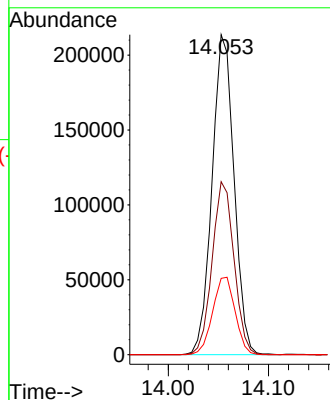
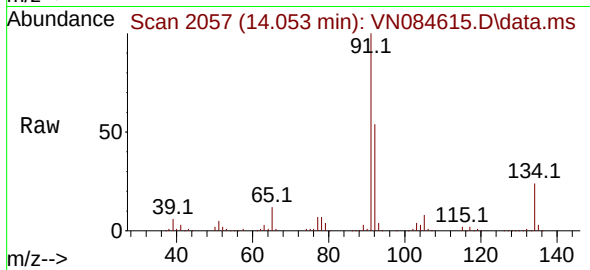




#85
n-Butylbenzene
Concen: 52.381 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

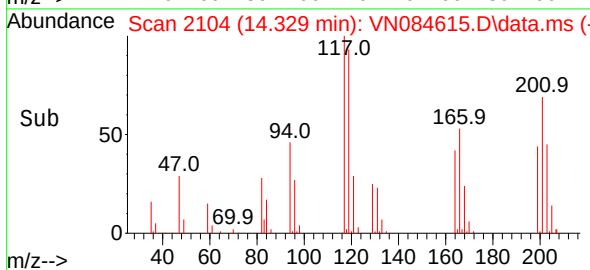
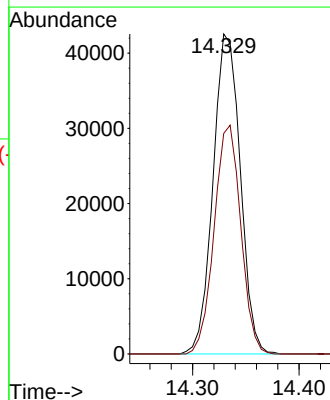
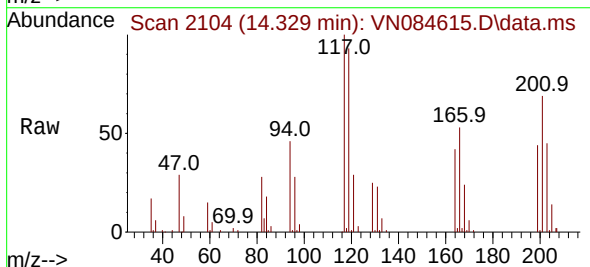
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

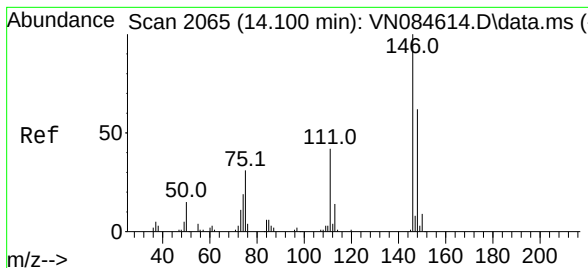
Tgt Ion: 91 Resp: 325553
Ion Ratio Lower Upper
91 100
92 53.8 0.0 106.2
134 24.8 0.0 48.2



#86
Hexachloroethane
Concen: 49.961 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion: 117 Resp: 75612
Ion Ratio Lower Upper
117 100
201 69.8 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 50.790 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

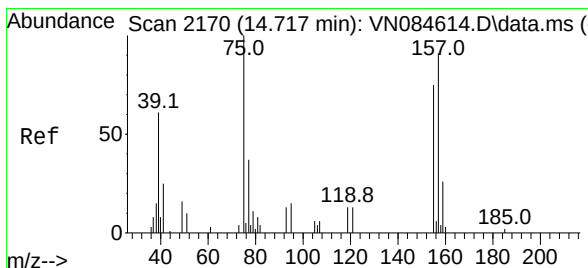
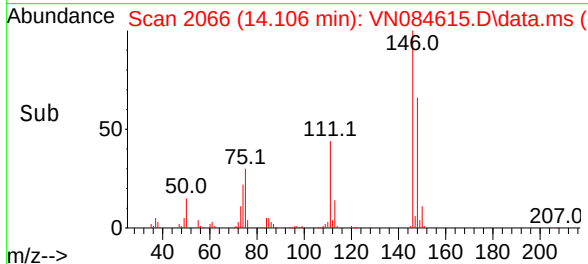
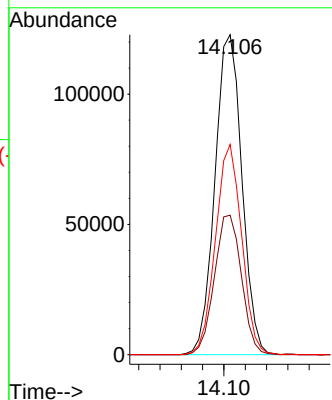
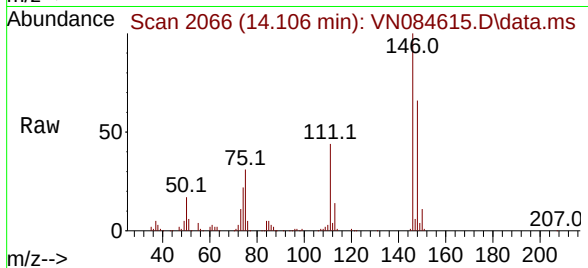
Tgt Ion:146 Resp: 215946

Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

148 63.7 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 51.201 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

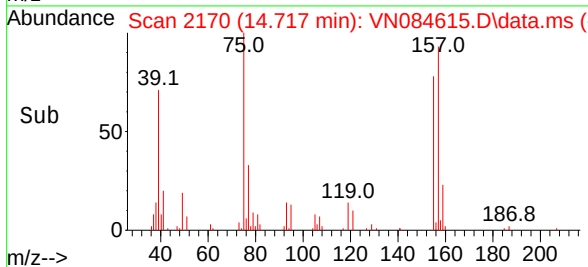
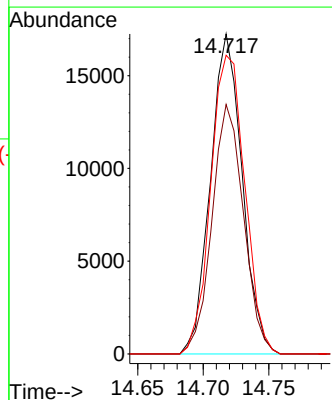
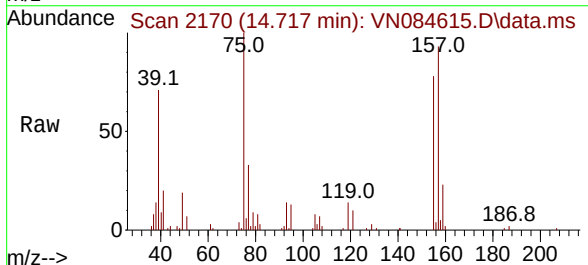
Tgt Ion: 75 Resp: 28965

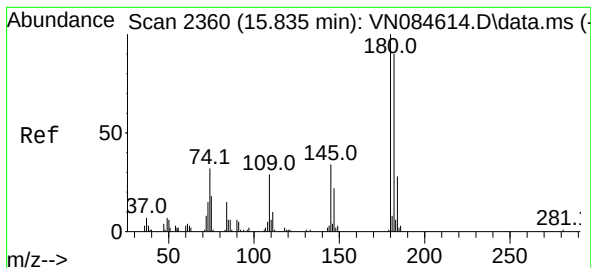
Ion Ratio Lower Upper

75 100

155 77.7 61.8 92.6

157 100.6 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 50.558 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

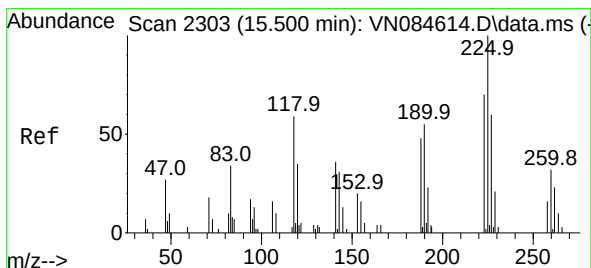
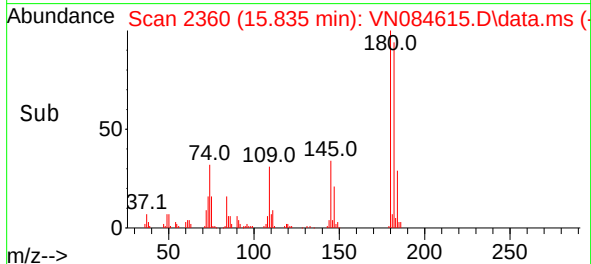
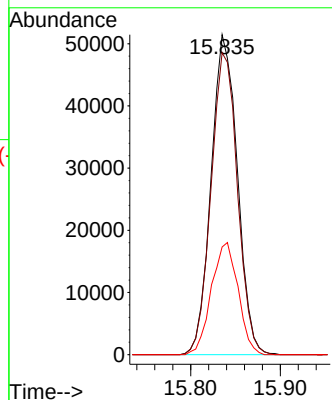
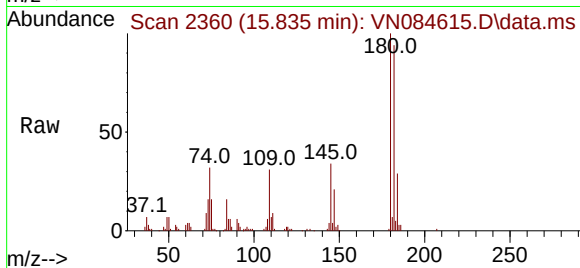
Tgt Ion:180 Resp: 104664

Ion Ratio Lower Upper

180 100

182 95.0 73.0 109.6

145 35.6 26.5 39.7



#90

Hexachlorobutadiene

Concen: 49.577 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084615.D

Acq: 31 Oct 2024 12:56

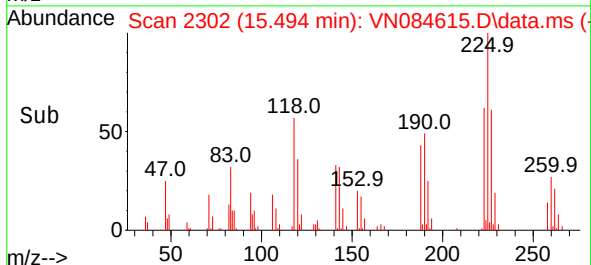
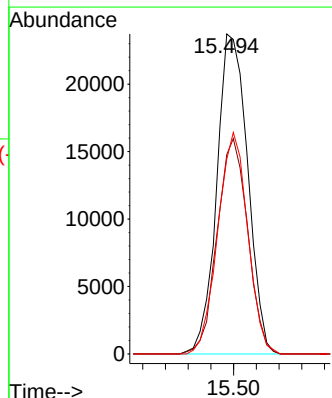
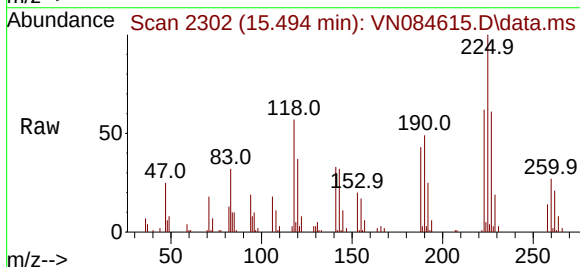
Tgt Ion:225 Resp: 44832

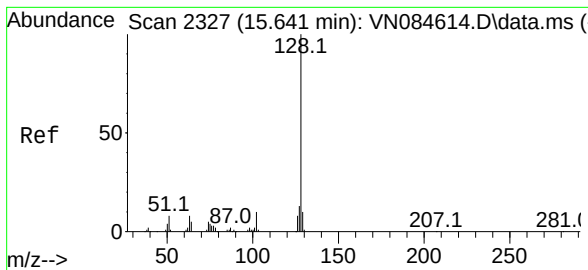
Ion Ratio Lower Upper

225 100

223 66.5 0.0 138.8

227 66.9 0.0 123.2

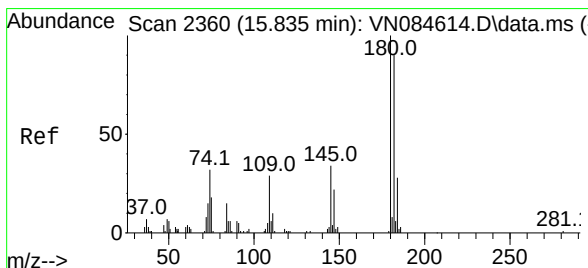
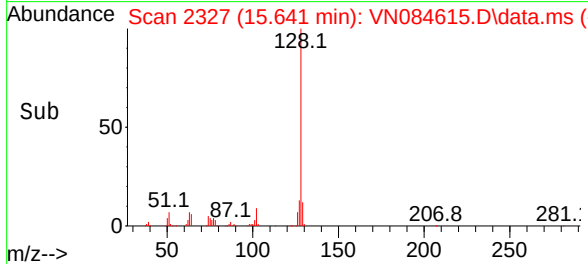
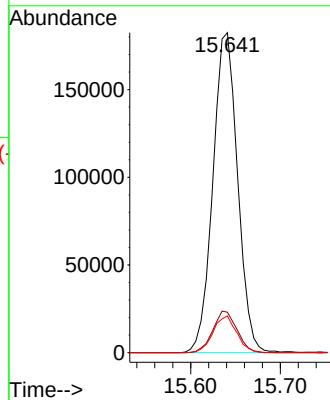
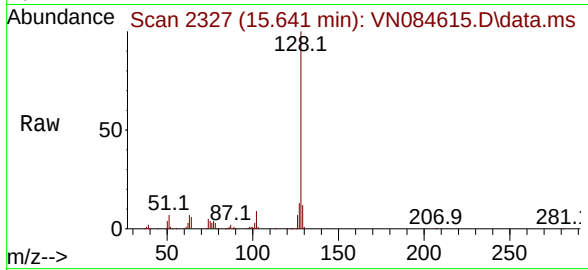




#91
Naphthalene
Concen: 52.834 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 349297
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 50.558 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084615.D
Acq: 31 Oct 2024 12:56

Tgt Ion:180 Resp: 104664
Ion Ratio Lower Upper
180 100
182 95.0 0.0 182.6
145 35.6 0.0 66.2

