

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087438.D
 Acq On : 30 Jul 2025 09:57
 Operator : JC\MD
 Sample : VN0730WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Quant Time: Jul 31 01:12:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	49112	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.089	114	271089	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	246291	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	116642	31.059	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.533%	
60) 4-Bromofluorobenzene	12.829	95	116180	28.726	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.767%	
63) Toluene-d8	10.547	98	340245	30.082	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.267%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55856	19.493	ug/l	97
3) Chloromethane	2.383	50	59897	19.691	ug/l	100
4) Vinyl Chloride	2.542	62	58308	18.946	ug/l	99
5) Bromomethane	2.983	94	29324	19.539	ug/l	92
6) Chloroethane	3.142	64	36492	21.023	ug/l	97
7) Trichlorofluoromethane	3.512	101	79493	20.531	ug/l	91
8) Diethyl Ether	3.959	74	36526	22.603	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	22671	10.734	ug/l	62
10) 1,1-Dichloroethene	4.342	96	43877	20.883	ug/l	94
11) Methyl Iodide	4.577	142	28500	14.981	ug/l	91
12) Methyl Acetate	5.012	43	99268	21.669	ug/l	99
13) Acrolein	4.171	56	50220	134.418	ug/l	96
14) Acrylonitrile	5.706	53	200441	100.904	ug/l	99
15) Acetone	4.136	58	198	0.430	ug/l	93
16) Carbon Disulfide	4.695	76	128474	17.206	ug/l	99
17) Allyl chloride	5.018	41	90664	18.520	ug/l	97
18) Methylene Chloride	5.259	84	59682	18.868	ug/l	92
19) trans-1,2-Dichloroethene	5.765	96	53359	17.877	ug/l	98
20) Diisopropyl ether	6.665	45	221177	19.858	ug/l	97
21) 1,1-Dichloroethane	6.559	63	110956	19.655	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	67924	18.723	ug/l	99
23) tert-Butyl Alcohol	5.530	59	80490	104.539	ug/l	100
24) Methyl tert-Butyl Ether	5.783	73	205911	19.754	ug/l	98
25) Chloroform	7.953	83	112293	19.703	ug/l	93
26) Cyclohexane	8.242	56	90697	17.396	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	71058	18.464	ug/l	97
30) 2-Butanone	7.471	43	297647	106.752	ug/l	99
31) 2,2-Dichloropropane	7.477	77	95585	19.933	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	85774	18.543	ug/l	98
33) Carbon Tetrachloride	8.347	117	69921	18.331	ug/l	89
34) Benzene	8.589	78	245758	19.525	ug/l	98
35) Methacrylonitrile	7.771	41	64452	20.179	ug/l	97
36) 1,2-Dichloroethane	8.653	62	83679	19.976	ug/l #	92
37) Trichloroethene	9.336	130	52219	18.175	ug/l #	79
38) Methylcyclohexane	9.583	83	87308	17.590	ug/l	97
39) 1,2-Dichloropropane	9.600	63	61914	19.538	ug/l	92
40) Dibromomethane	9.689	93	44055	19.598	ug/l	98
41) Bromodichloromethane	9.871	83	90515	20.007	ug/l	95
42) Vinyl Acetate	6.595	43	1045165	111.388	ug/l	96

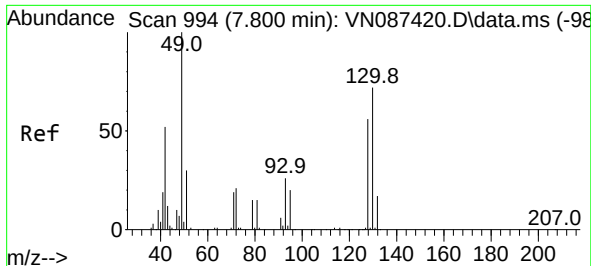
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	113032	19.775	ug/l	# 67
44) Isopropyl Acetate	8.671	43	196705	21.542	ug/l	92
45) 1,4-Dioxane	9.683	88	25213	435.179	ug/l	96
46) Methyl methacrylate	9.665	41	89192	20.978	ug/l	95
47) n-amyl Acetate	12.365	43	997	0.265	ug/l	93
48) t-1,3-Dichloropropene	10.818	75	102545	20.134	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	103474	19.344	ug/l	94
50) 1,1,2-Trichloroethane	11.000	97	61484	20.548	ug/l	97
51) Ethyl methacrylate	10.859	69	106582	19.668	ug/l	94
52) 1,3-Dichloropropane	11.147	76	106517	20.597	ug/l	98
53) Dibromochloromethane	11.341	129	67198	19.579	ug/l	97
54) 1,2-Dibromoethane	11.453	107	62459	19.838	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	307484	138.008	ug/l	99
56) Bromoform	12.559	173	45997	19.098	ug/l	98
58) 4-Methyl-2-Pentanone	10.430	43	598355	107.858	ug/l	98
59) 2-Hexanone	11.183	43	396291	103.079	ug/l	98
61) Tetrachloroethene	11.083	164	42271	18.077	ug/l	94
62) Toluene	10.612	91	265234	19.082	ug/l	100
64) Chlorobenzene	11.877	112	161138	18.851	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	57380	19.796	ug/l	98
66) Ethyl Benzene	11.941	91	288027	18.966	ug/l	100
67) m/p-Xylenes	12.053	106	213320	37.489	ug/l	98
68) o-Xylene	12.377	106	107584	19.321	ug/l	97
69) Styrene	12.394	104	182419	19.152	ug/l	98
70) Isopropylbenzene	12.677	105	272570	19.061	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	96360	19.761	ug/l	99
72) 1,2,3-Trichloropropane	12.977	75	127556	28.758	ug/l	67
73) Bromobenzene	12.959	156	65156	19.610	ug/l	95
74) n-propylbenzene	13.018	91	340238	19.271	ug/l	97
75) 2-Chlorotoluene	13.106	91	201268	19.208	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	225695	19.051	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	33368	17.729	ug/l	94
78) 4-Chlorotoluene	13.200	91	205233	19.074	ug/l	99
79) tert-butylbenzene	13.418	119	188402	18.409	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	225466	19.180	ug/l	98
81) sec-Butylbenzene	13.594	105	284356	18.705	ug/l	99
82) p-Isopropyltoluene	13.712	119	235598	19.094	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	121415	19.310	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	122695	18.660	ug/l	98
85) n-Butylbenzene	14.035	91	233841	18.818	ug/l	98
86) Hexachloroethane	14.312	117	46491	18.552	ug/l	94
87) 1,2-Dichlorobenzene	14.088	146	120173	19.660	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21882	19.442	ug/l	94
89) 1,2,4-Trichlorobenzene	15.812	180	67898	18.212	ug/l	97
90) Hexachlorobutadiene	15.476	225	23513	16.565	ug/l	93
91) Naphthalene	15.618	128	268427	19.050	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	67898	18.212	ug/l	97

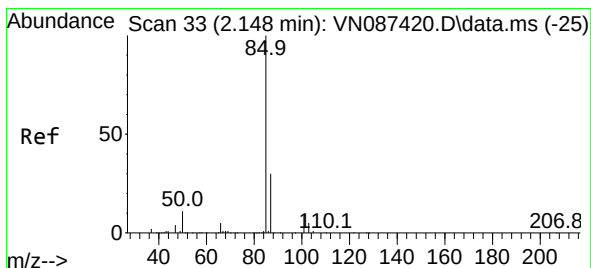
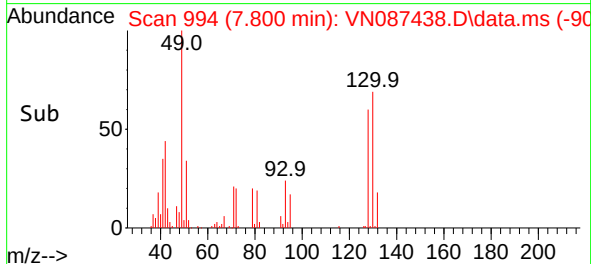
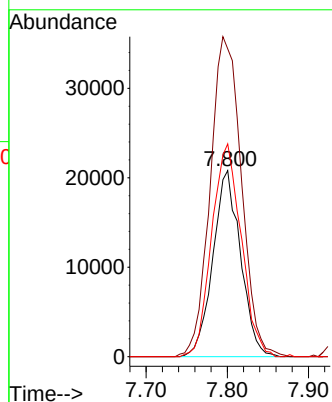
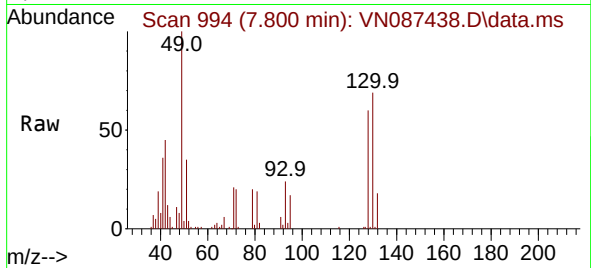
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

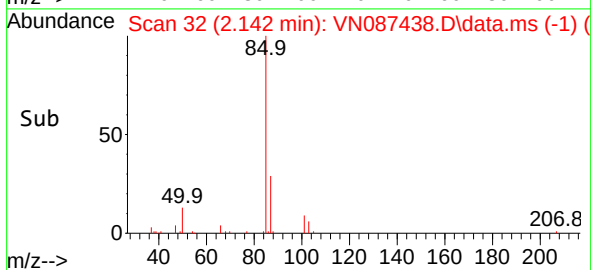
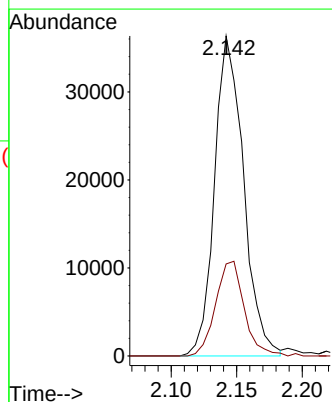
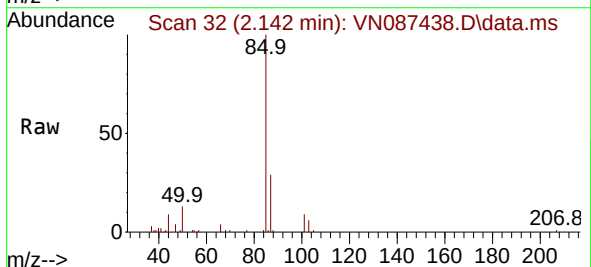
Instrument :
MSVOA_N
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VN0730WBS01

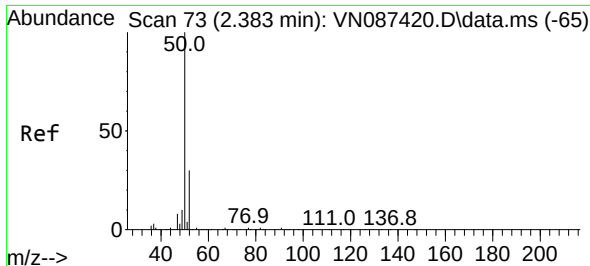
Tgt Ion:128 Resp: 49112
Ion Ratio Lower Upper
128 100
49 194.5 0.0 457.3
130 122.4 0.0 316.0



#2
Dichlorodifluoromethane
Concen: 19.493 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 85 Resp: 55856
Ion Ratio Lower Upper
85 100
87 28.7 15.0 45.1

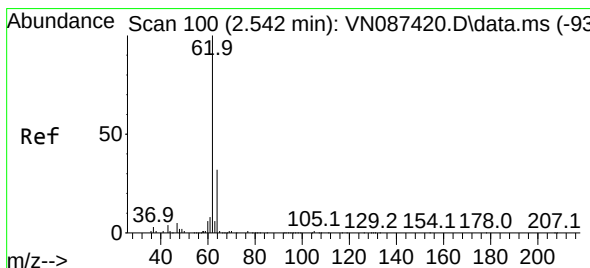
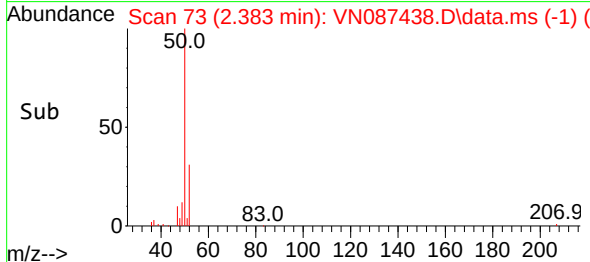
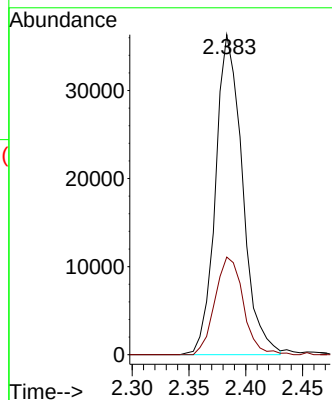
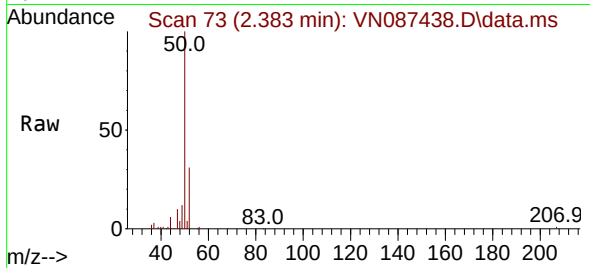




#3
Chloromethane
Concen: 19.691 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

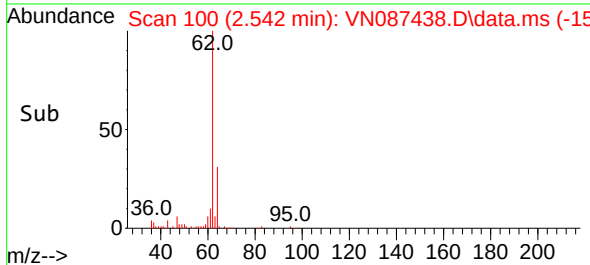
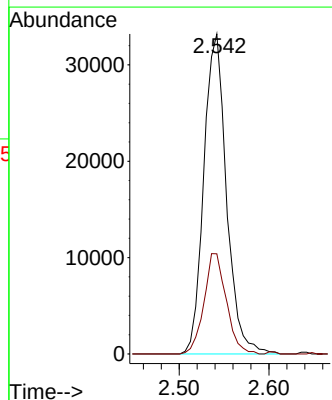
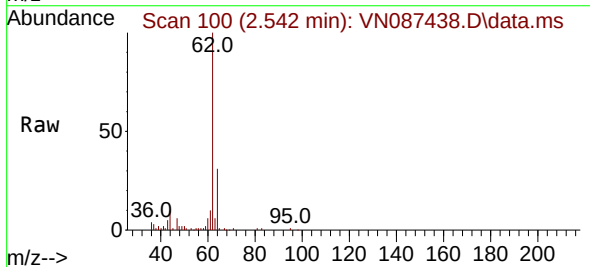
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MSVOA_N
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VN0730WBS01

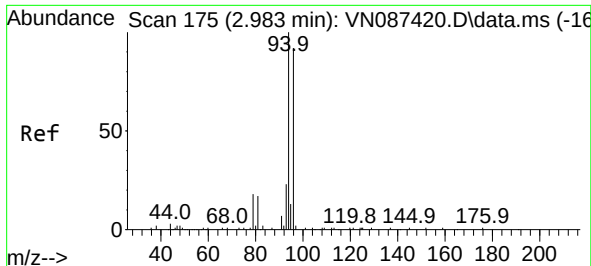
Tgt Ion: 50 Resp: 59897
Ion Ratio Lower Upper
50 100
52 30.5 24.3 36.5



#4
Vinyl Chloride
Concen: 18.946 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 62 Resp: 58308
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4

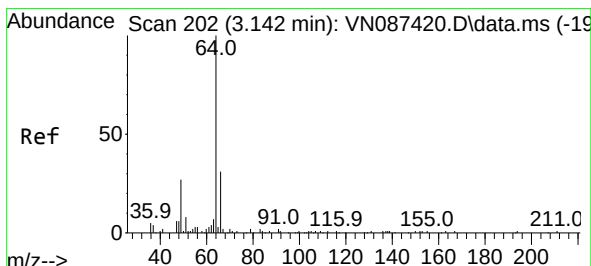
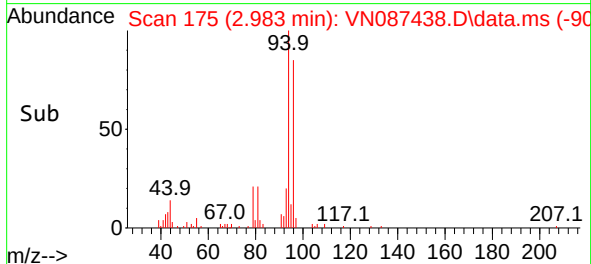
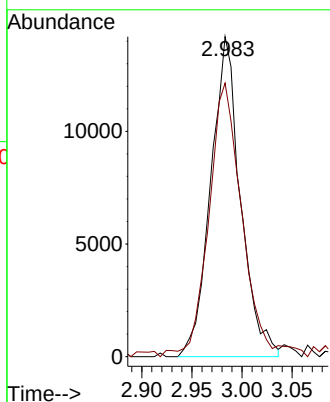
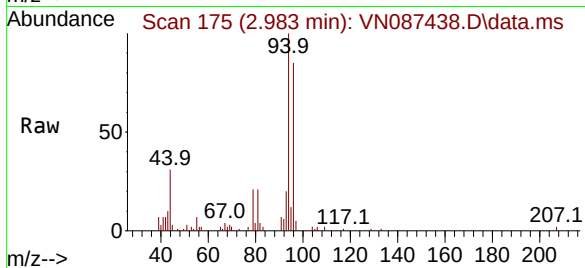




#5
Bromomethane
Concen: 19.539 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

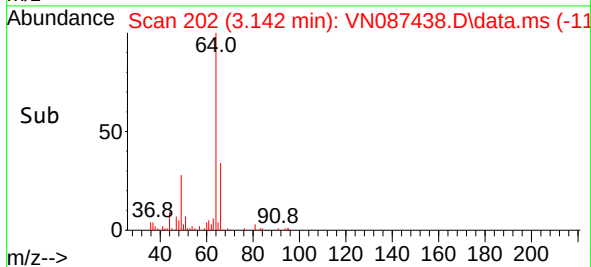
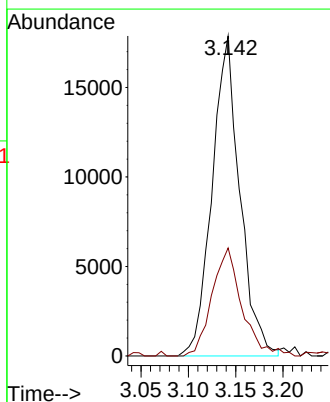
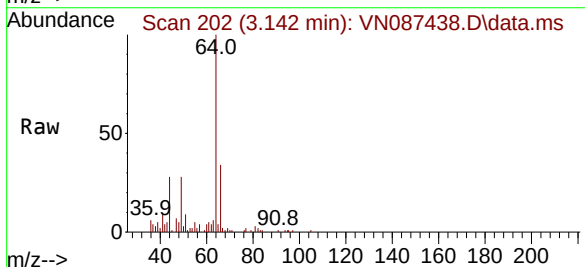
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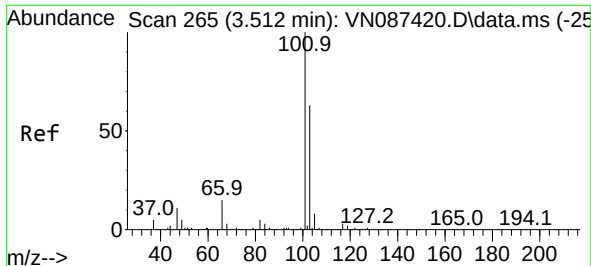
Tgt Ion: 94 Resp: 29324
Ion Ratio Lower Upper
94 100
96 83.8 73.2 109.8



#6
Chloroethane
Concen: 21.023 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 64 Resp: 36492
Ion Ratio Lower Upper
64 100
66 33.8 25.6 38.4

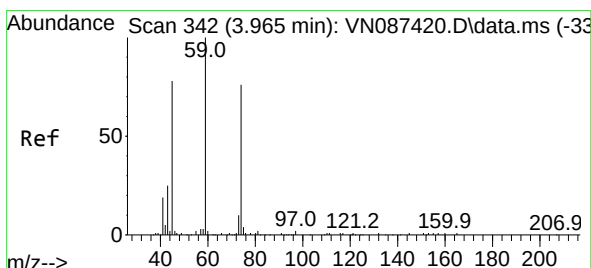
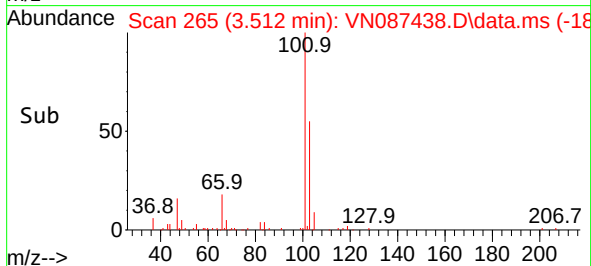
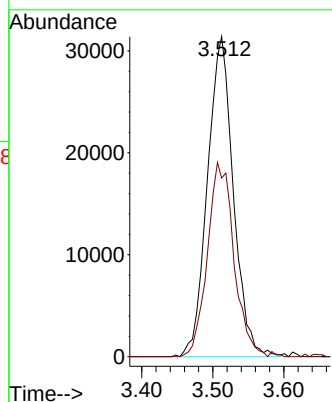
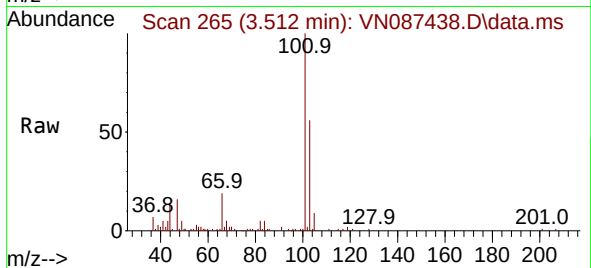




#7
 Trichlorofluoromethane
 Concen: 20.531 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

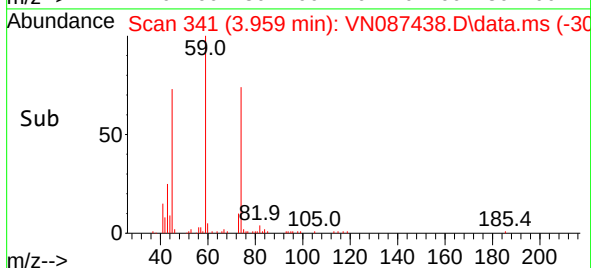
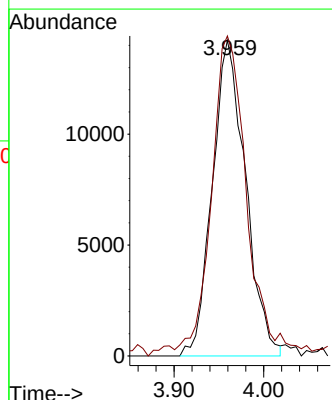
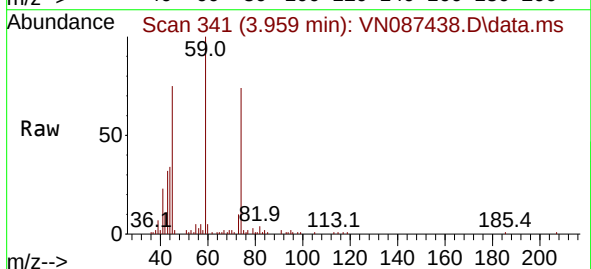
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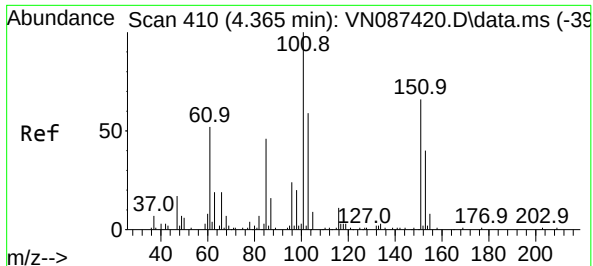
Tgt Ion:101 Resp: 79493
 Ion Ratio Lower Upper
 101 100
 103 55.8 50.0 75.0



#8
 Diethyl Ether
 Concen: 22.603 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 74 Resp: 36526
 Ion Ratio Lower Upper
 74 100
 45 101.8 20.2 181.4

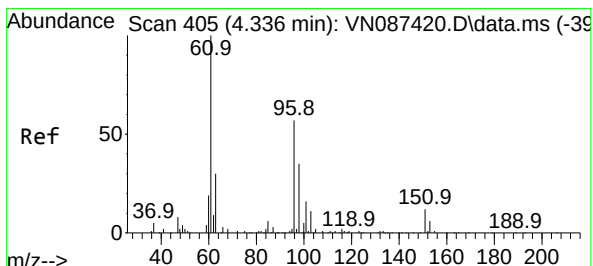
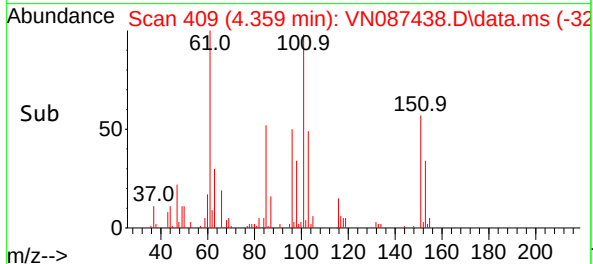
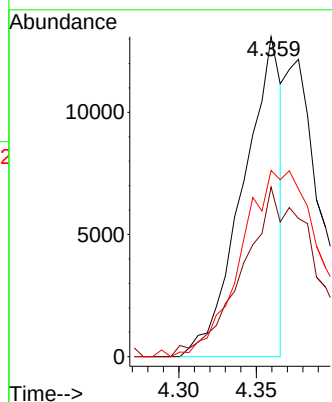
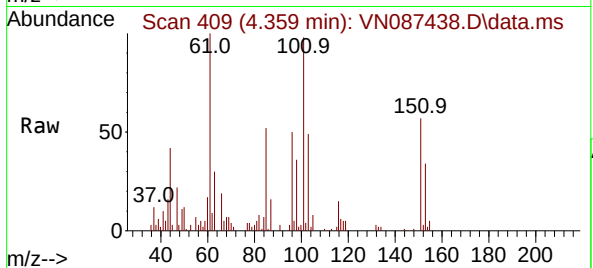




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.734 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

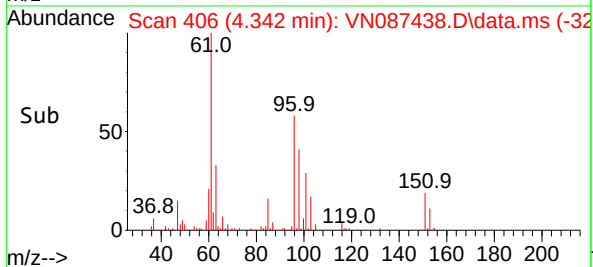
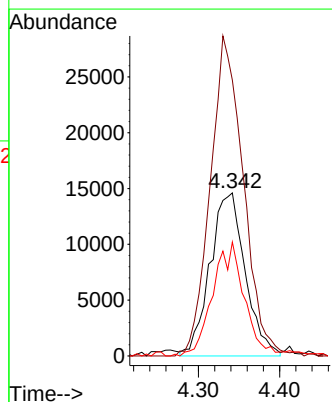
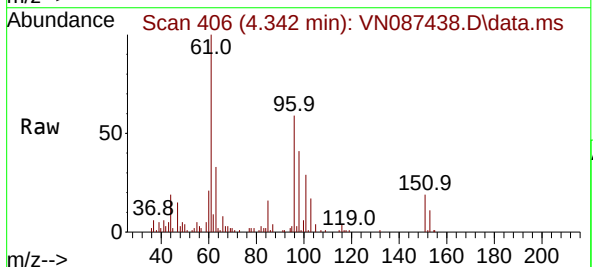
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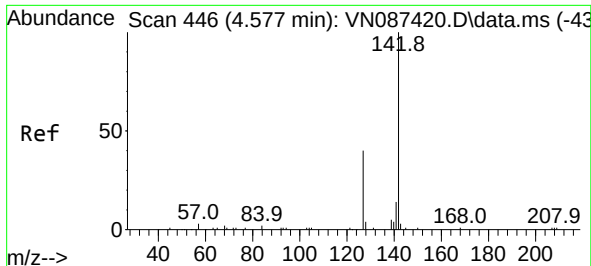
Tgt Ion:101 Resp: 22671
 Ion Ratio Lower Upper
 101 100
 85 53.5 0.0 101.2
 151 121.5 0.0 140.6



#10
 1,1-Dichloroethene
 Concen: 20.883 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 96 Resp: 43877
 Ion Ratio Lower Upper
 96 100
 61 169.4 140.4 210.6
 98 71.3 49.6 74.4

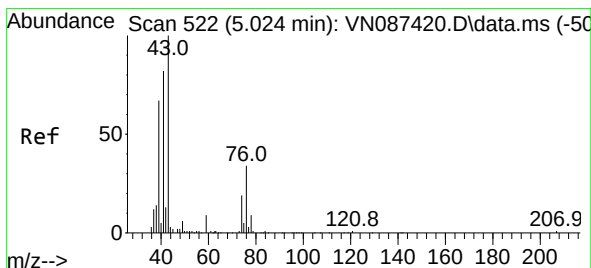
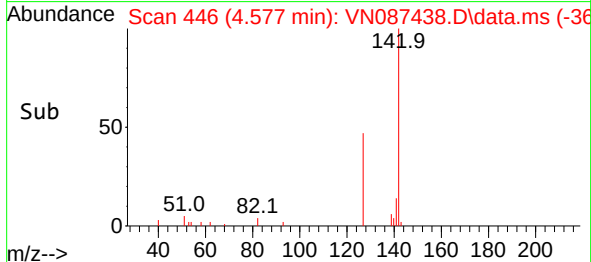
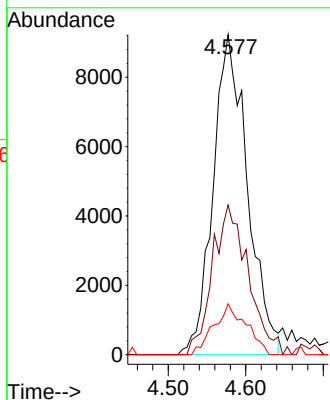
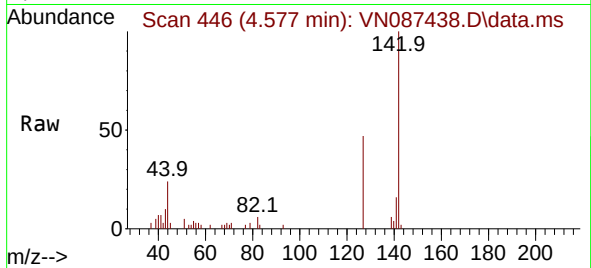




#11
Methyl Iodide
Concen: 14.981 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

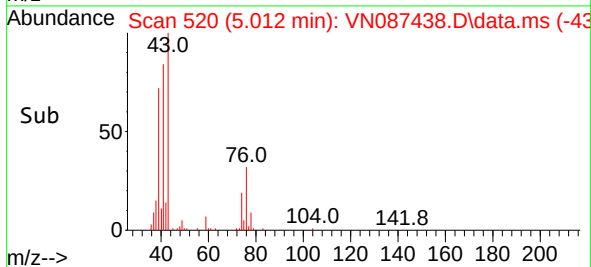
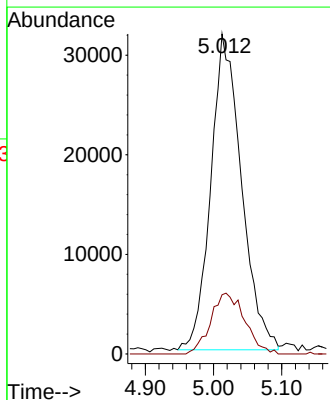
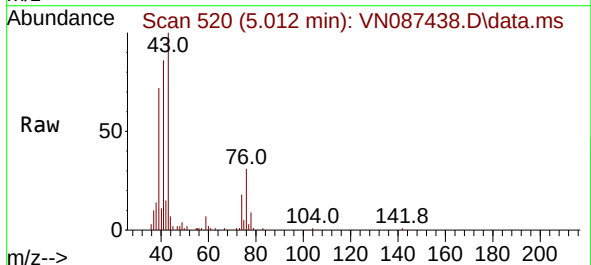
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

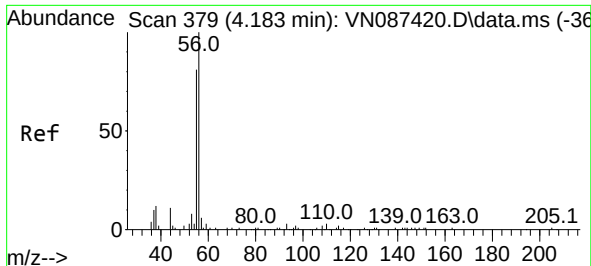
Tgt Ion:142 Resp: 28500
Ion Ratio Lower Upper
142 100
127 45.5 20.0 59.9
141 16.5 6.8 20.4



#12
Methyl Acetate
Concen: 21.669 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 43 Resp: 99268
Ion Ratio Lower Upper
43 100
74 18.8 15.4 23.0

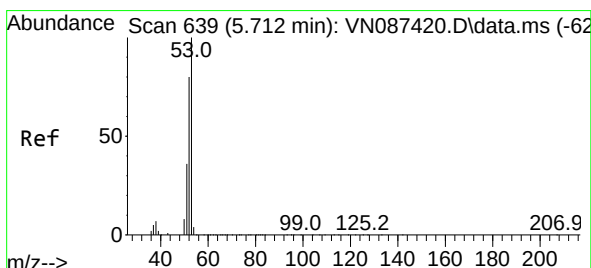
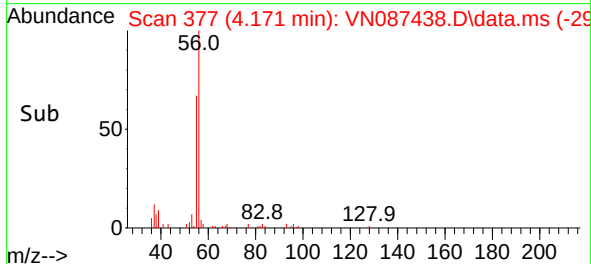
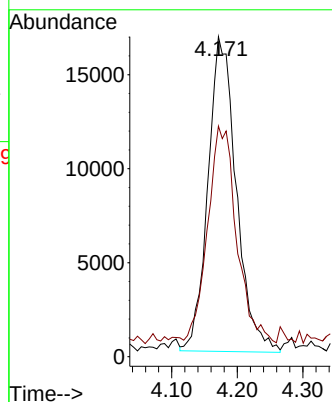
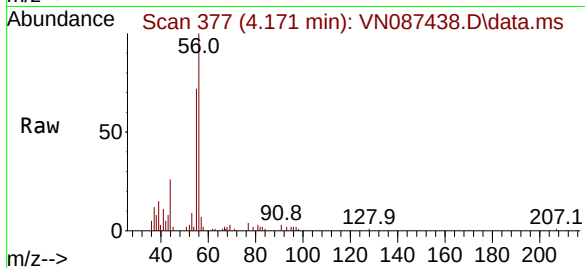




#13
Acrolein
Concen: 134.418 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

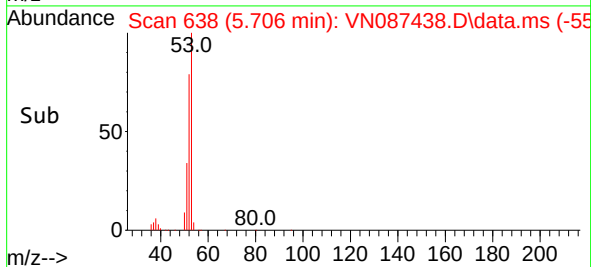
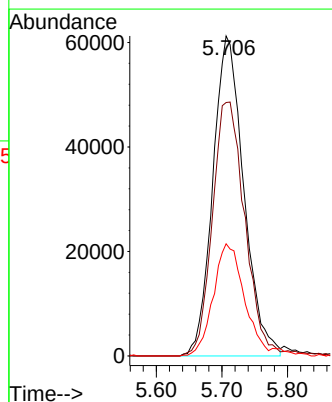
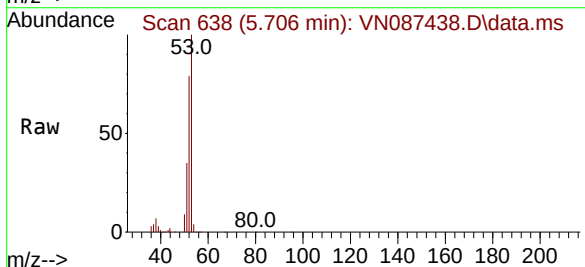
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

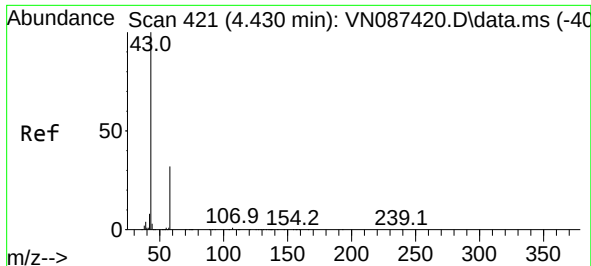
Tgt Ion: 56 Resp: 50220
Ion Ratio Lower Upper
56 100
55 70.2 58.9 88.3



#14
Acrylonitrile
Concen: 100.904 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 53 Resp: 200441
Ion Ratio Lower Upper
53 100
52 82.7 41.6 124.9
51 35.0 18.1 54.4

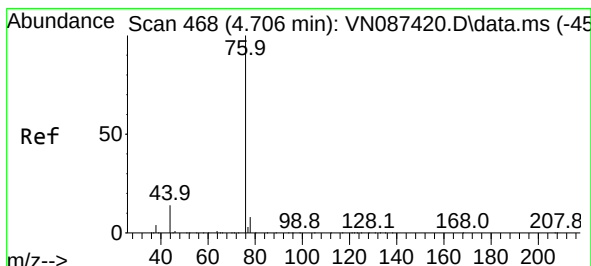
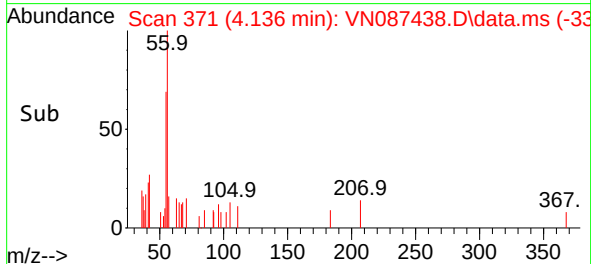
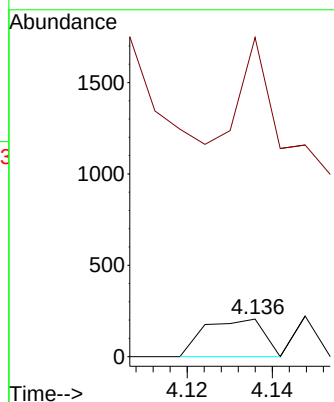
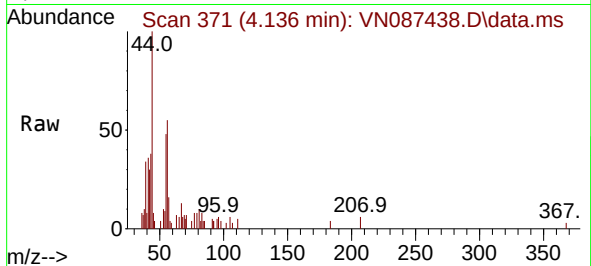




#15
Acetone
Concen: 0.430 ug/l
RT: 4.136 min Scan# 31
Delta R.T. -0.294 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

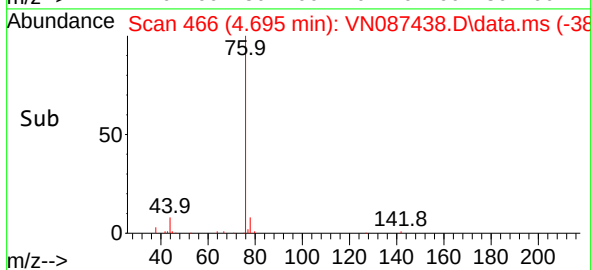
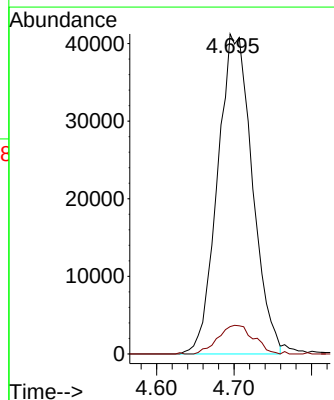
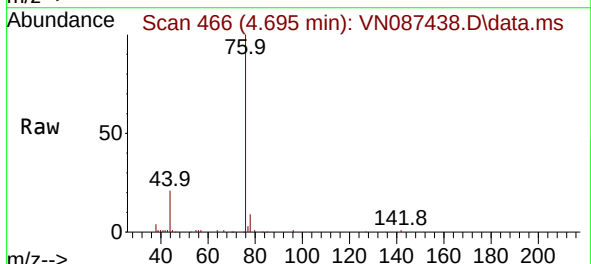
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

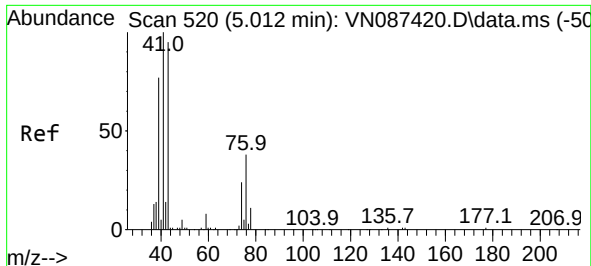
Tgt Ion: 58 Resp: 198
Ion Ratio Lower Upper
58 100
43 296.6 248.4 372.6



#16
Carbon Disulfide
Concen: 17.206 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 76 Resp: 128474
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0





#17

Allyl chloride

Concen: 18.520 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

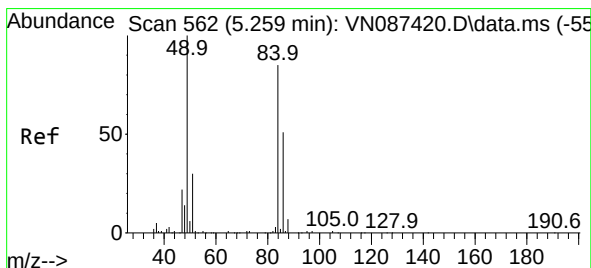
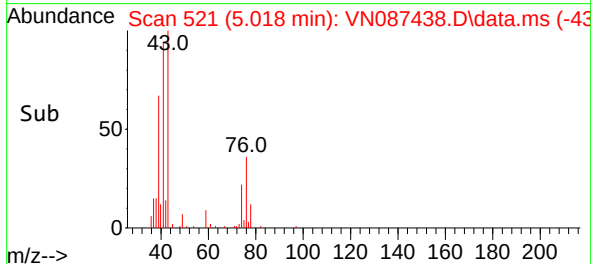
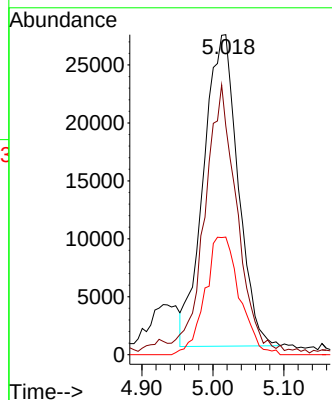
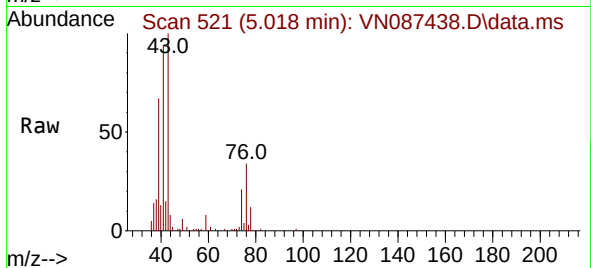
Tgt Ion: 41 Resp: 90664

Ion Ratio Lower Upper

41 100

39 70.6 35.9 107.8

76 37.8 17.5 52.5



#18

Methylene Chloride

Concen: 18.868 ug/l

RT: 5.259 min Scan# 562

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Tgt Ion: 84 Resp: 59682

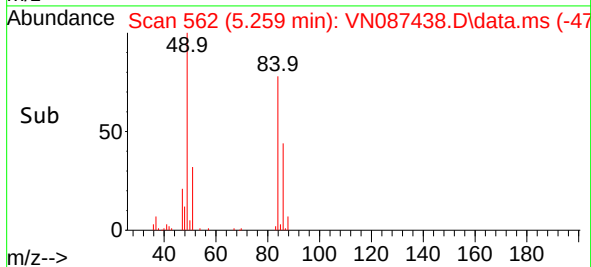
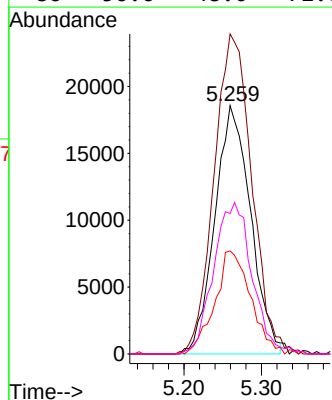
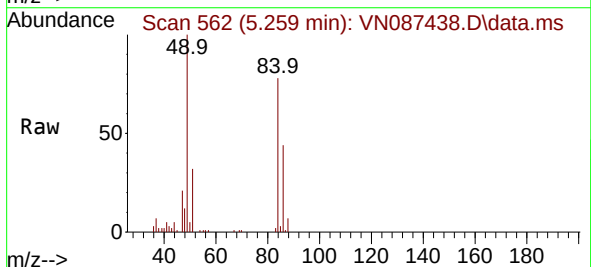
Ion Ratio Lower Upper

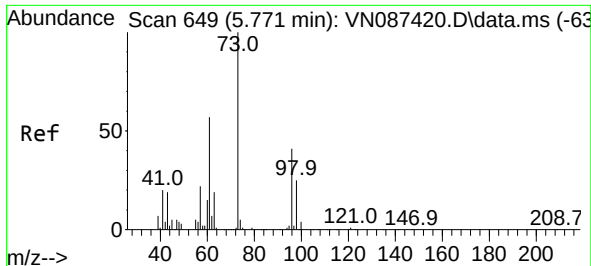
84 100

49 128.0 93.5 140.3

51 40.5 28.0 42.0

86 56.6 48.0 72.0

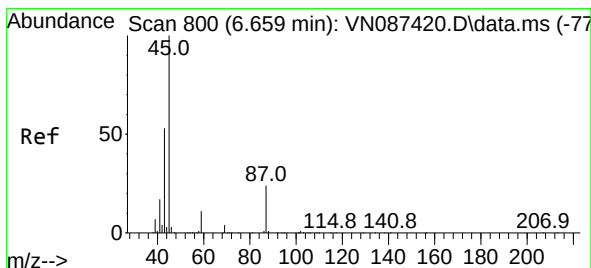
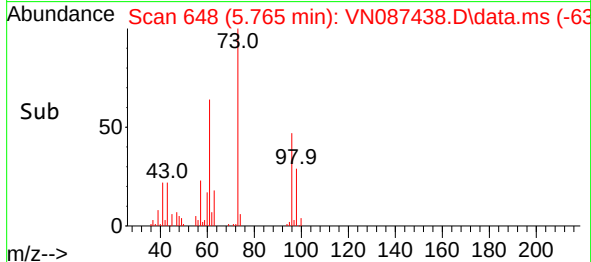
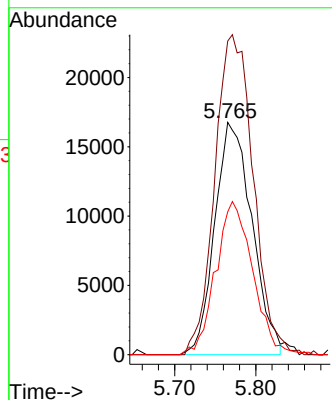
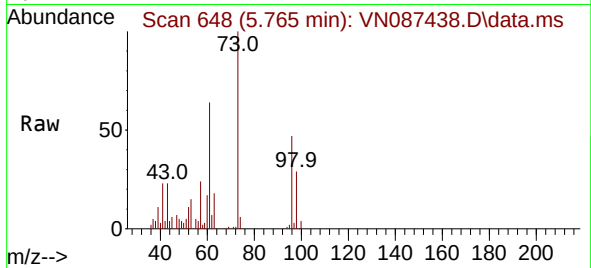




#19
trans-1,2-Dichloroethene
Concen: 17.877 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

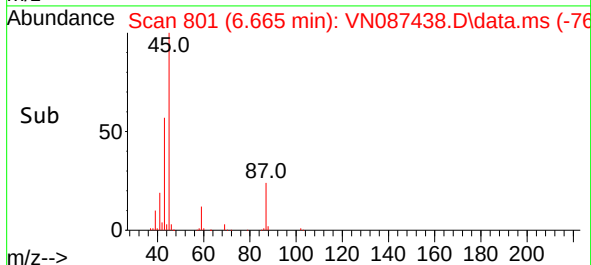
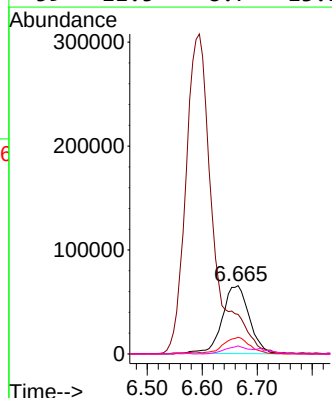
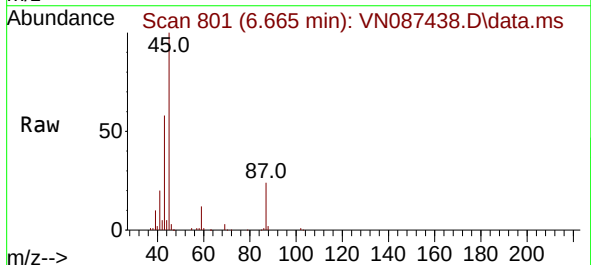
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

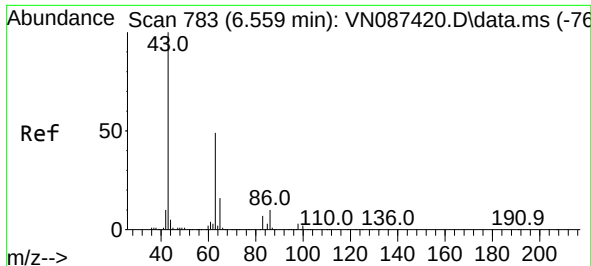
Tgt Ion: 96 Resp: 53359
Ion Ratio Lower Upper
96 100
61 135.0 110.2 165.4
98 61.5 47.9 71.9



#20
Diisopropyl ether
Concen: 19.858 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 45 Resp: 221177
Ion Ratio Lower Upper
45 100
43 56.6 42.7 64.1
87 24.2 19.4 29.0
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.655 ug/l

RT: 6.559 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

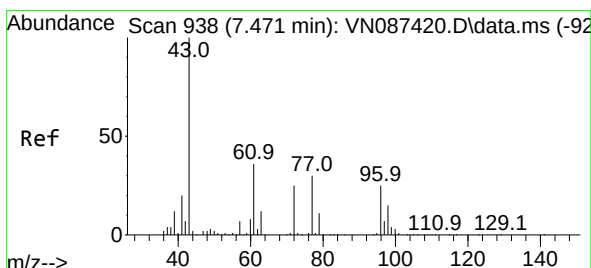
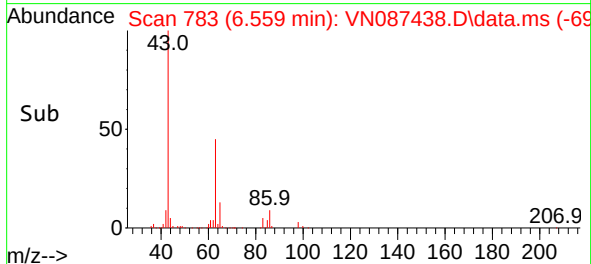
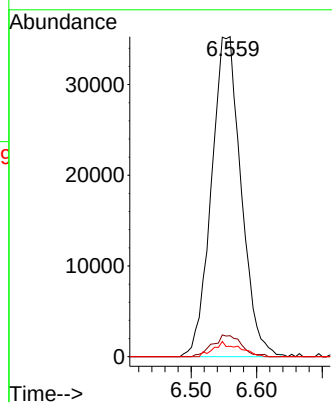
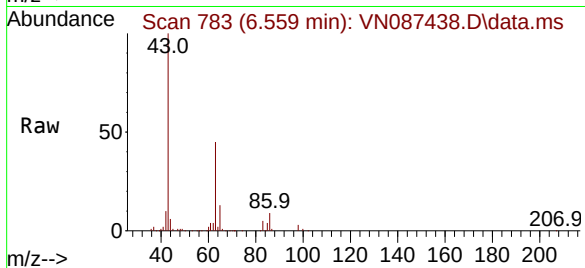
Tgt Ion: 63 Resp: 110956

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 3.3 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 18.723 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

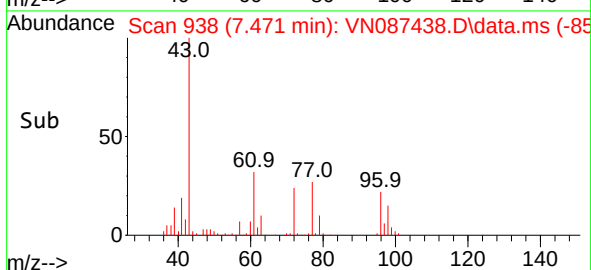
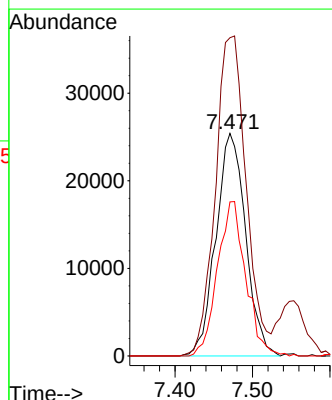
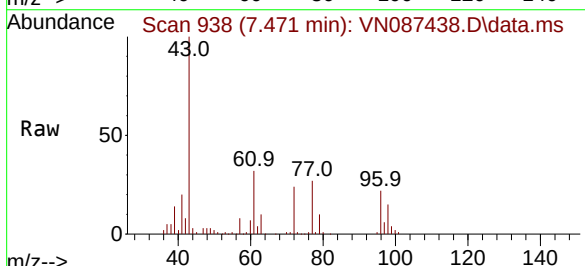
Tgt Ion: 96 Resp: 67924

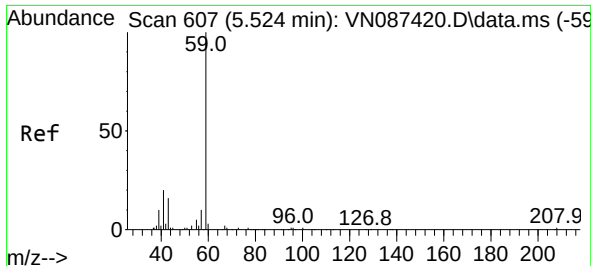
Ion Ratio Lower Upper

96 100

61 149.1 118.8 178.2

98 65.9 51.5 77.3

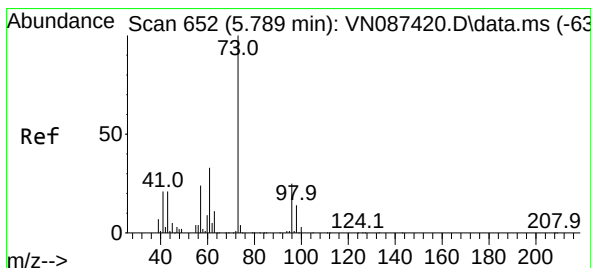
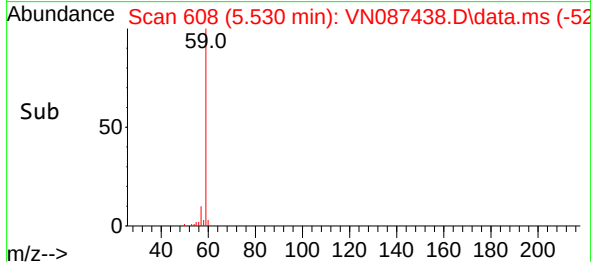
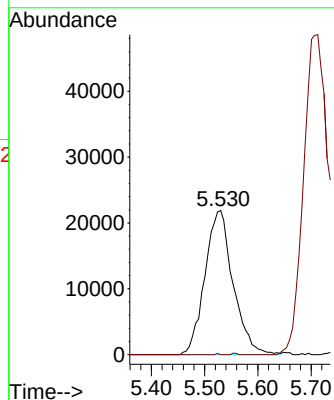
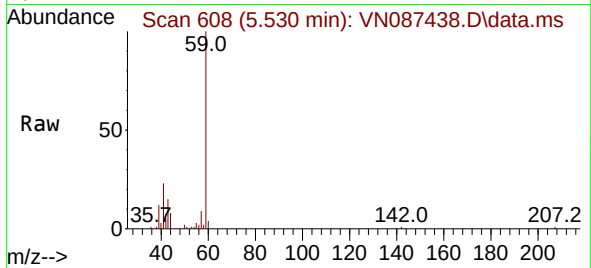




#23
tert-Butyl Alcohol
Concen: 104.539 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

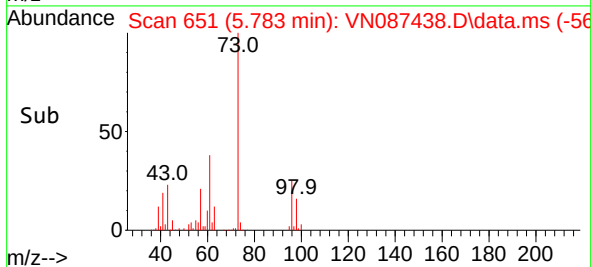
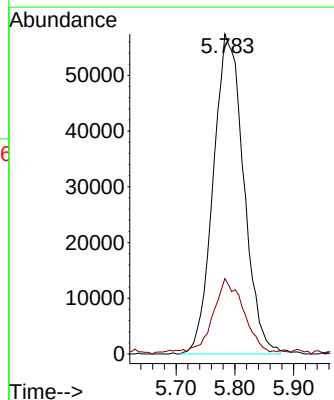
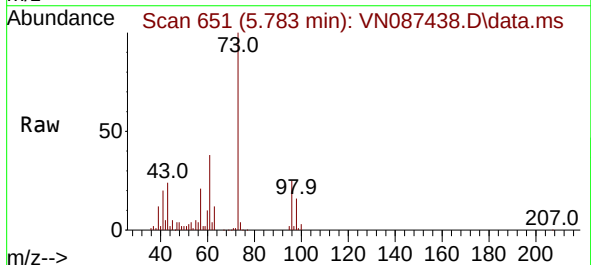
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

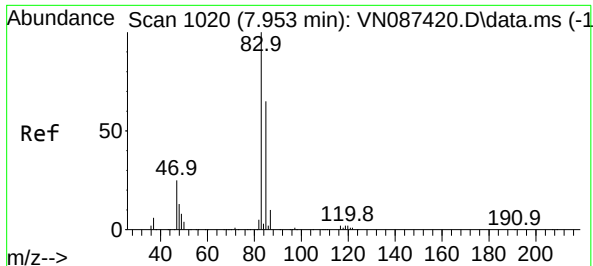
Tgt Ion: 59 Resp: 80490
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 19.754 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 73 Resp: 205911
Ion Ratio Lower Upper
73 100
43 22.2 17.1 25.7





#25

Chloroform

Concen: 19.703 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

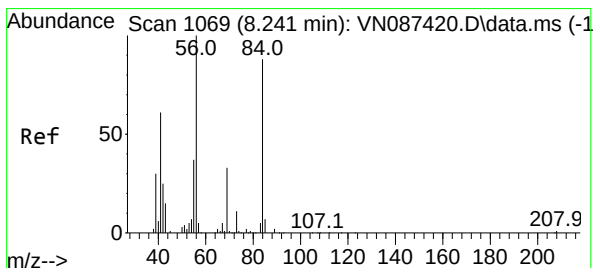
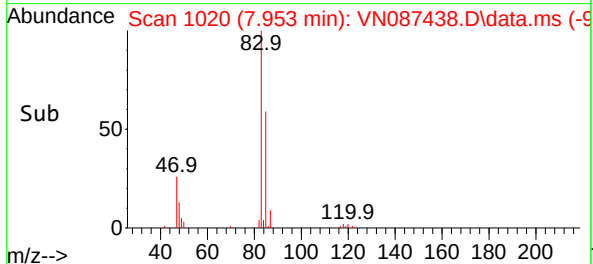
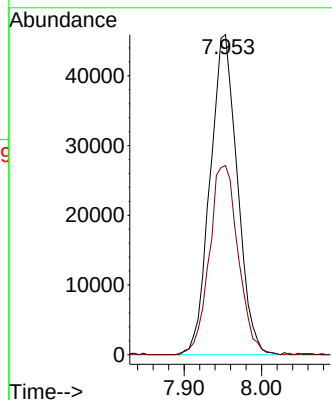
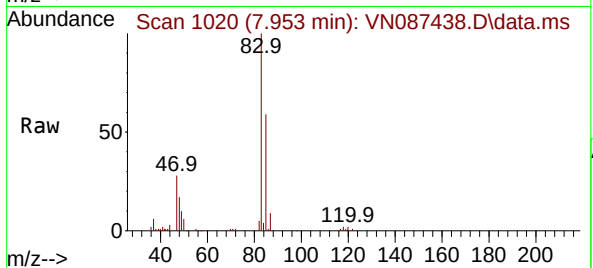
VN0730WBS01

Tgt Ion: 83 Resp: 112293

Ion Ratio Lower Upper

83 100

85 59.1 52.0 78.0



#26

Cyclohexane

Concen: 17.396 ug/l

RT: 8.242 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

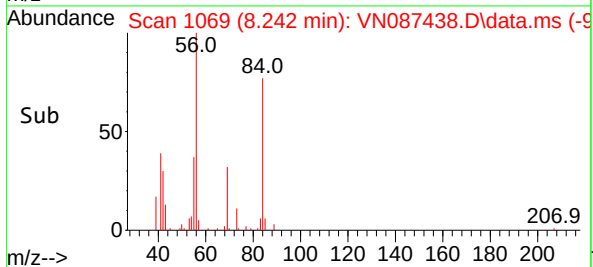
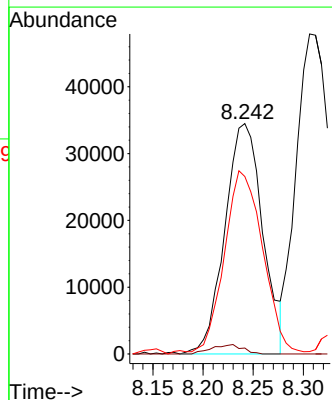
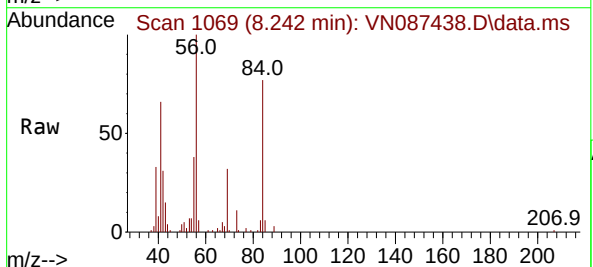
Tgt Ion: 56 Resp: 90697

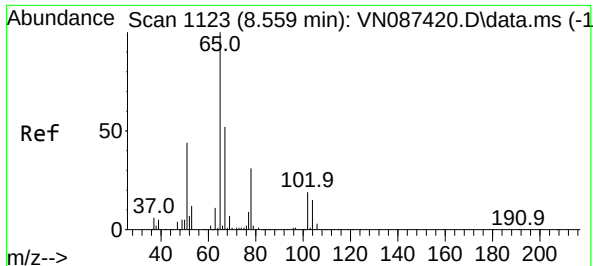
Ion Ratio Lower Upper

56 100

89 3.3 4.7 7.1#

84 78.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 31.059 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

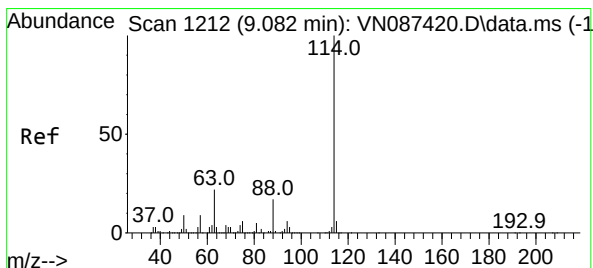
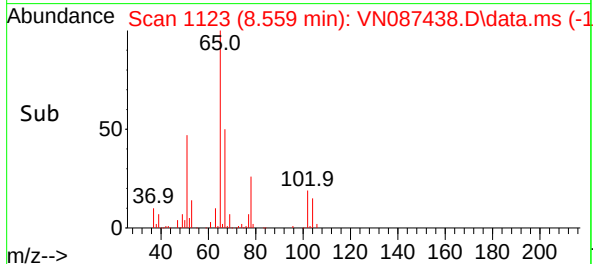
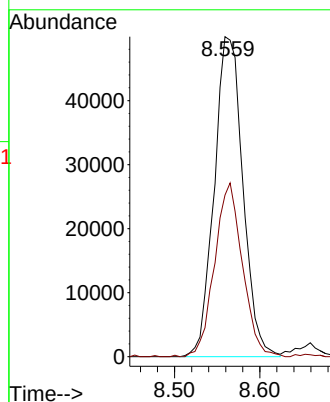
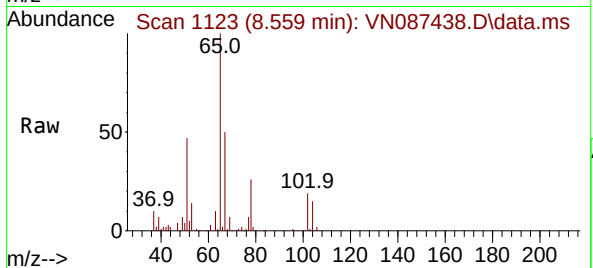
VN0730WBS01

Tgt Ion: 65 Resp: 116642

Ion Ratio Lower Upper

65 100

67 52.6 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.089 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

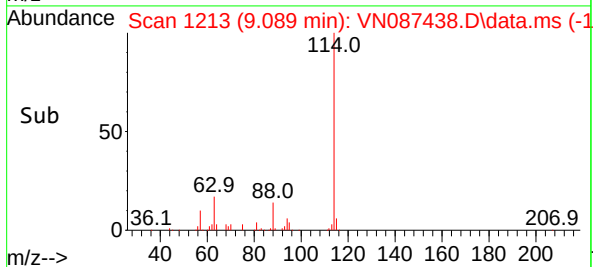
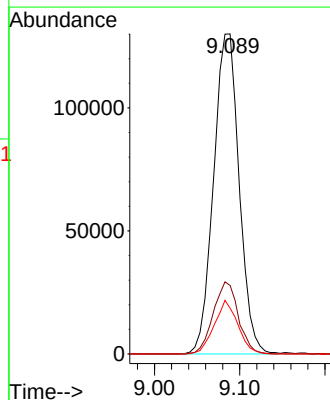
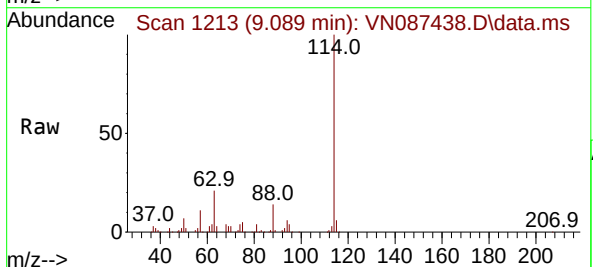
Tgt Ion: 114 Resp: 271089

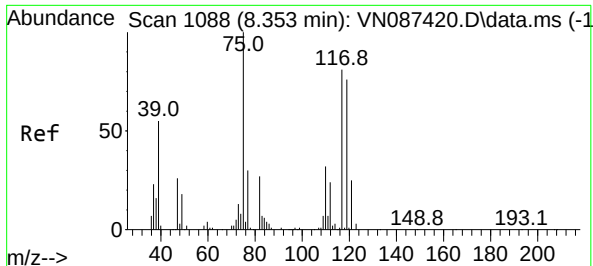
Ion Ratio Lower Upper

114 100

63 22.1 17.8 26.6

88 15.4 13.0 19.4

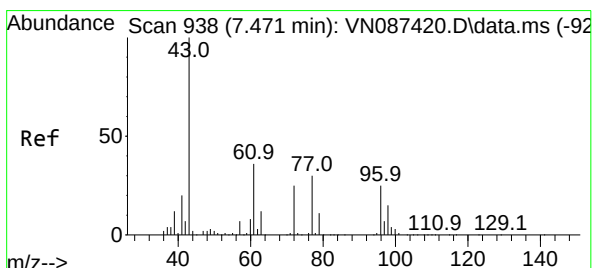
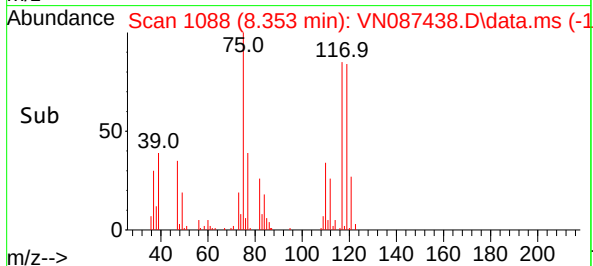
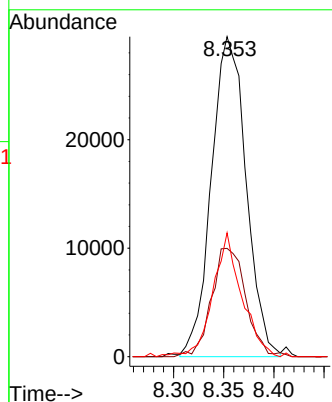
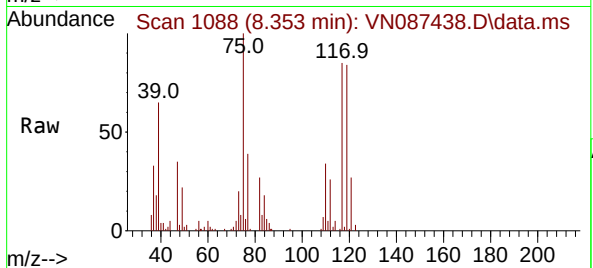




#29
1,1-Dichloropropene
Concen: 18.464 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

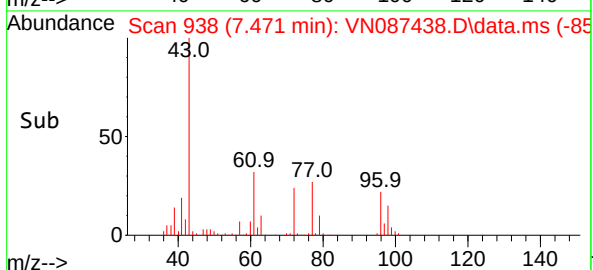
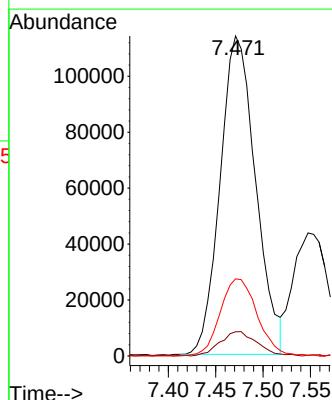
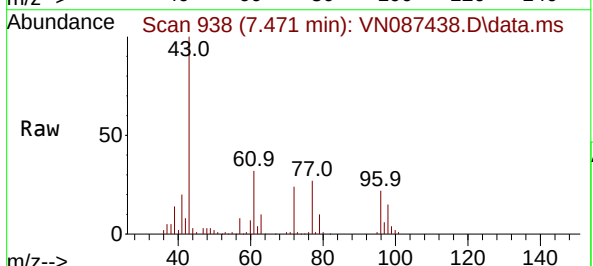
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

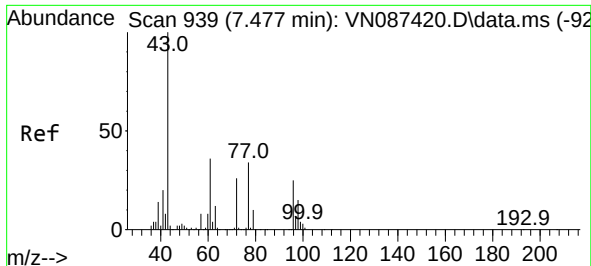
Tgt Ion:	75	Resp:	71058
Ion	Ratio	Lower	Upper
75	100		
110	32.7	0.0	69.6
77	31.5	0.0	60.2



#30
2-Butanone
Concen: 106.752 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:	43	Resp:	297647
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.0	9.0
72	25.2	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.933 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

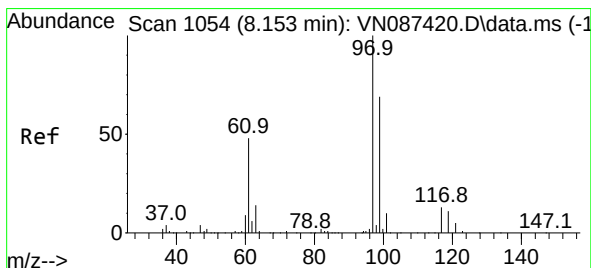
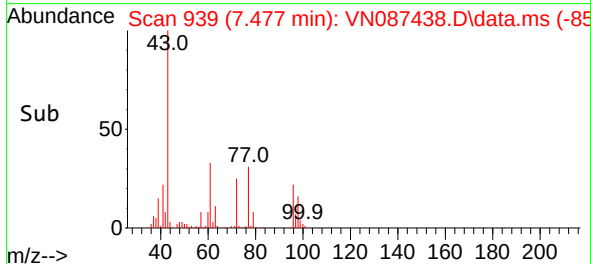
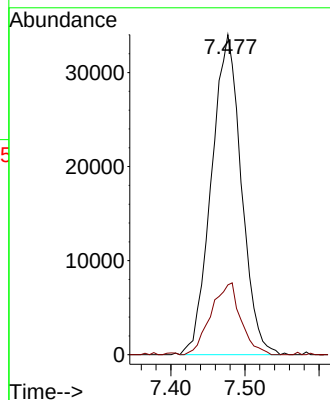
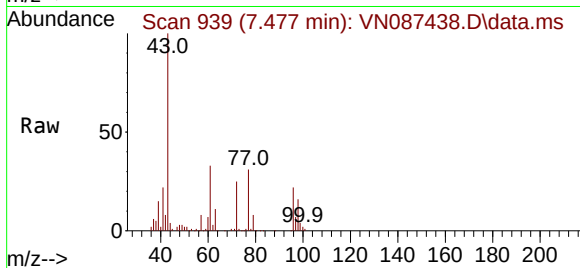
VN0730WBS01

Tgt Ion: 77 Resp: 95585

Ion Ratio Lower Upper

77 100

97 22.3 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 18.543 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

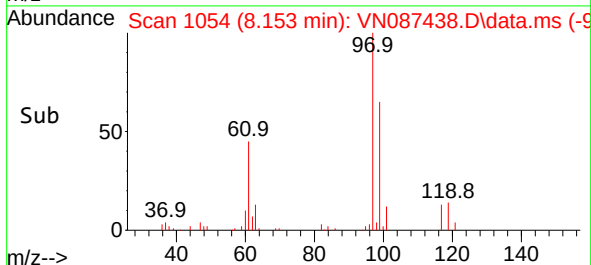
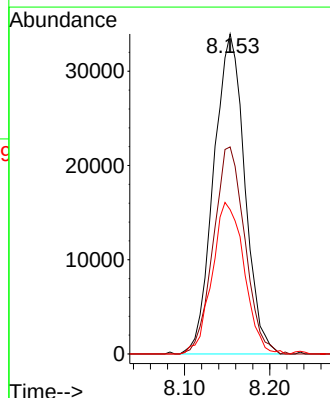
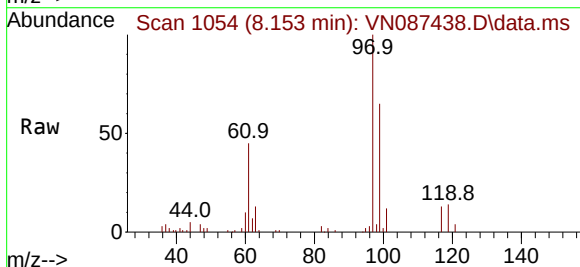
Tgt Ion: 97 Resp: 85774

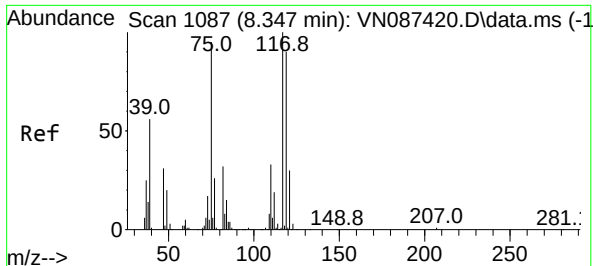
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 48.7 36.3 54.5

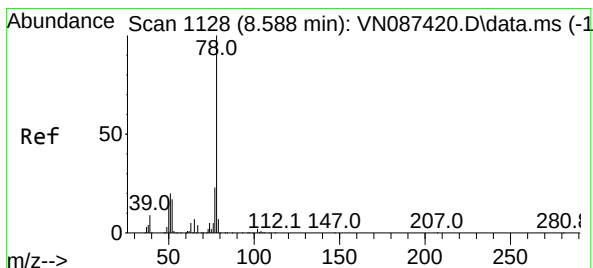
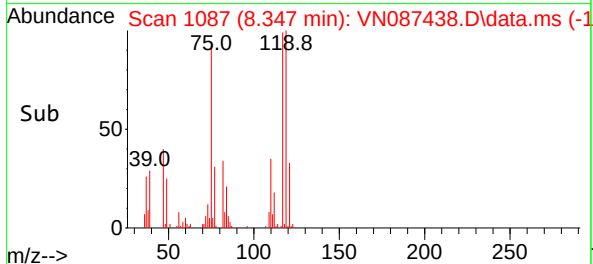
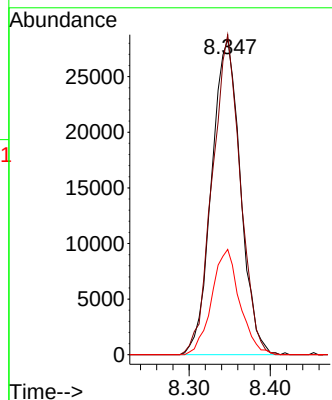
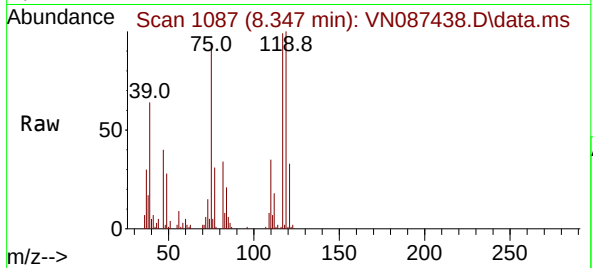




#33
Carbon Tetrachloride
Concen: 18.331 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

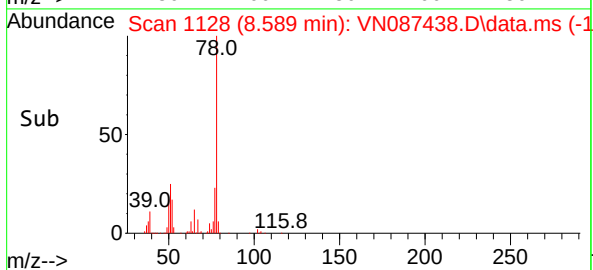
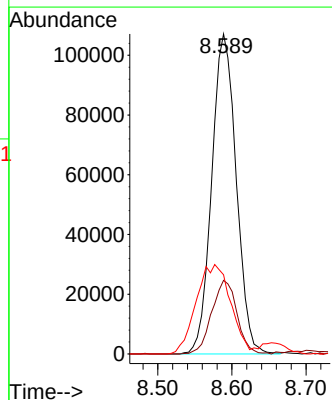
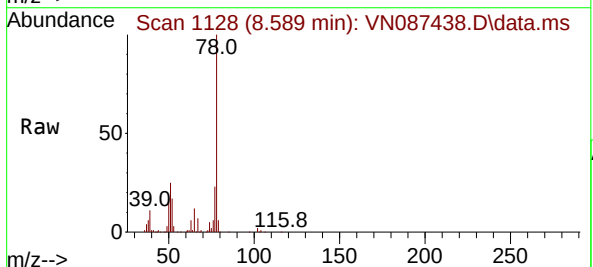
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

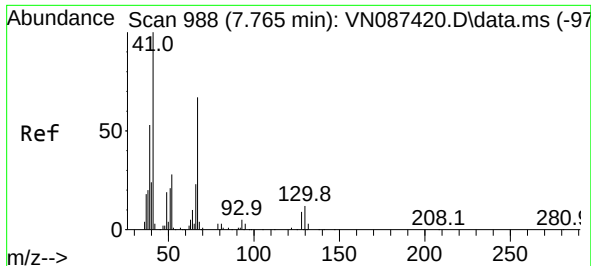
Tgt Ion:117 Resp: 69921
Ion Ratio Lower Upper
117 100
119 101.5 71.9 107.9
121 33.4 24.4 36.6



#34
Benzene
Concen: 19.525 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 78 Resp: 245758
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0
51 22.1 16.3 24.5

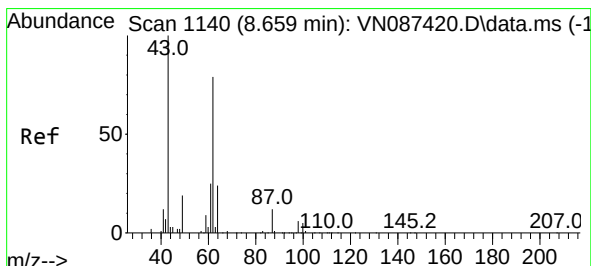
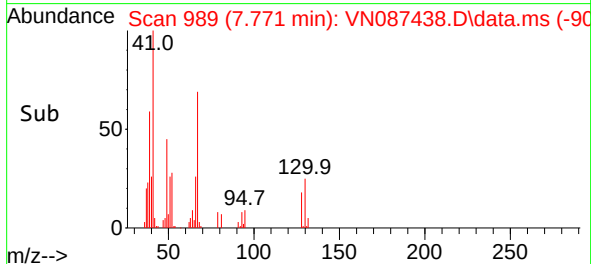
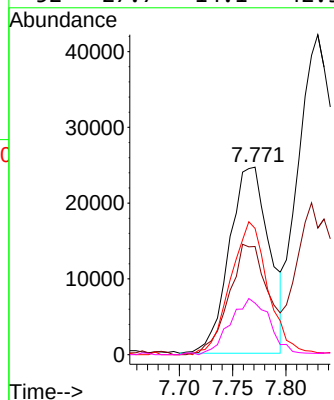
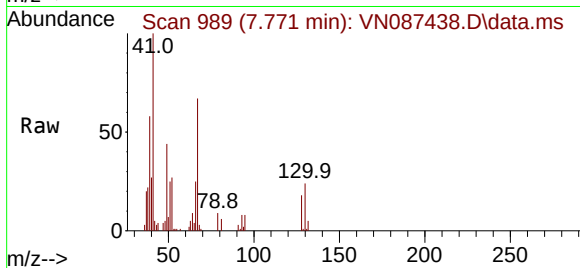




#35
Methacrylonitrile
Concen: 20.179 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

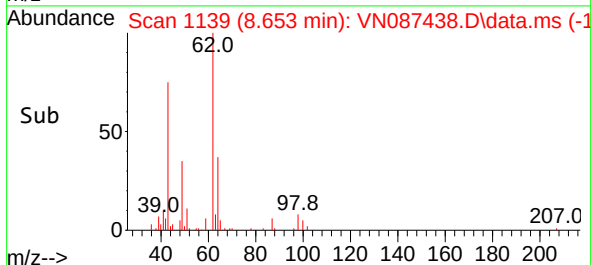
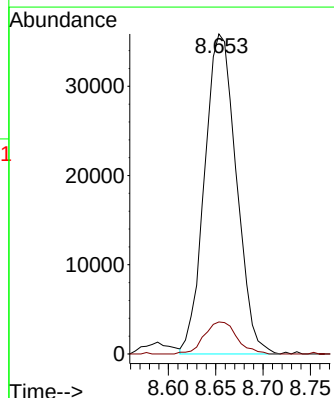
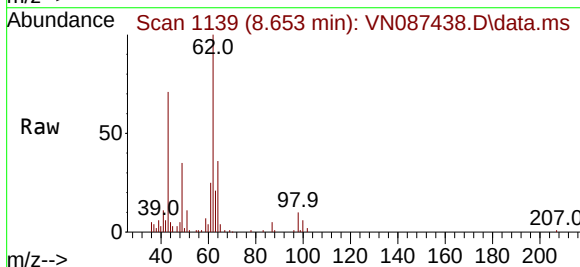
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

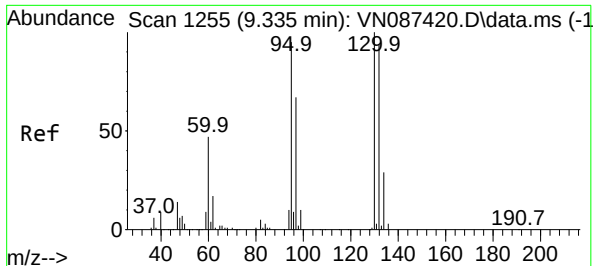
Tgt Ion:	41	Resp:	64452
Ion	Ratio	Lower	Upper
41	100		
39	58.1	26.7	80.1
67	67.9	33.5	100.4
52	27.7	14.1	42.3



#36
1,2-Dichloroethane
Concen: 19.976 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:	62	Resp:	83679
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.2	0.2#





#37

Trichloroethene

Concen: 18.175 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

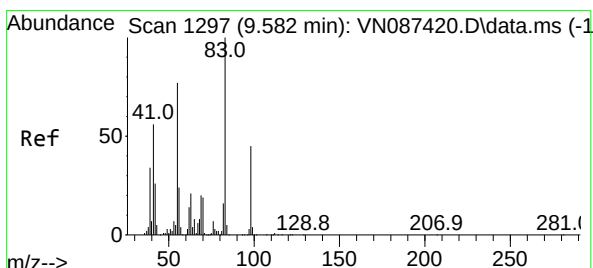
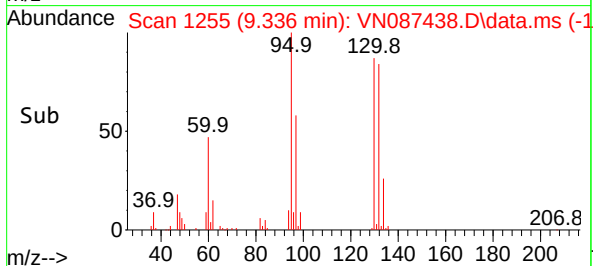
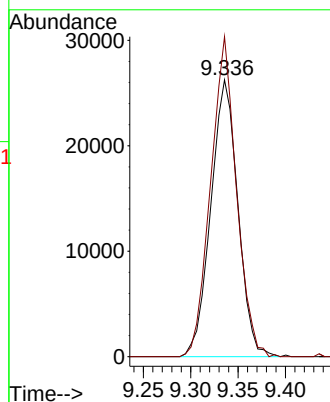
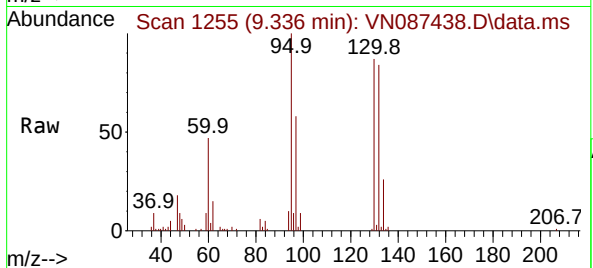
VN0730WBS01

Tgt Ion:130 Resp: 52219

Ion Ratio Lower Upper

130 100

95 115.6 76.4 114.6#



#38

Methylcyclohexane

Concen: 17.590 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

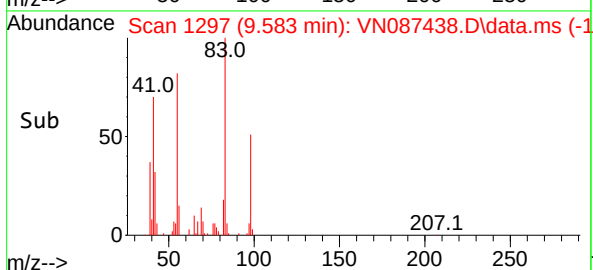
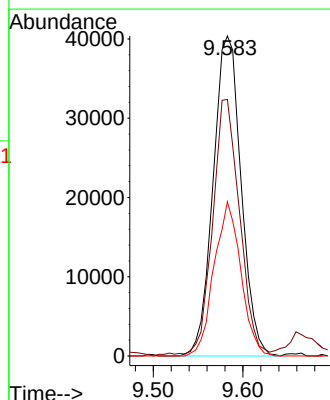
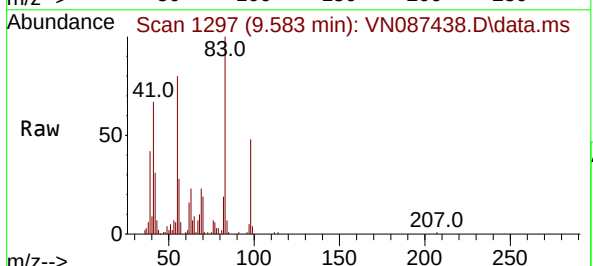
Tgt Ion: 83 Resp: 87308

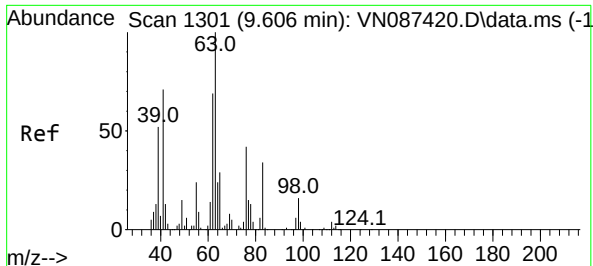
Ion Ratio Lower Upper

83 100

55 75.7 39.4 118.1

98 46.2 23.6 70.8

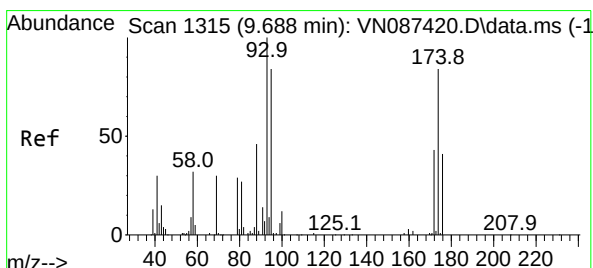
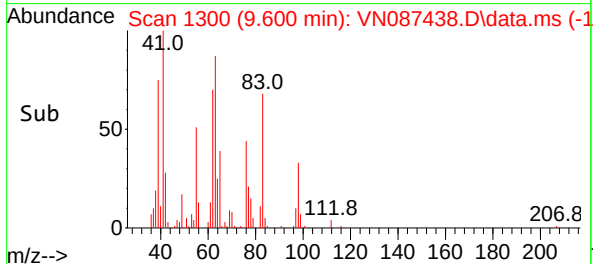
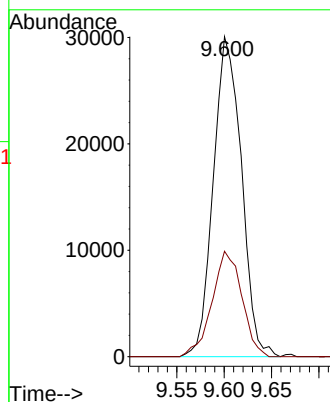
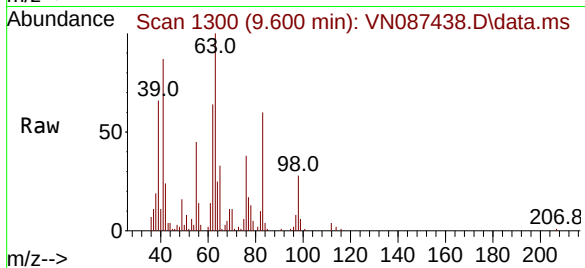




#39
1,2-Dichloropropane
Concen: 19.538 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

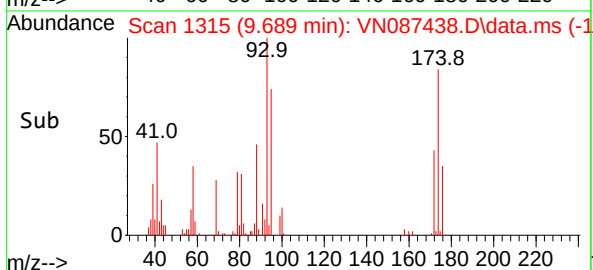
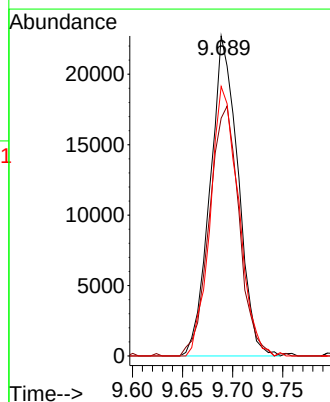
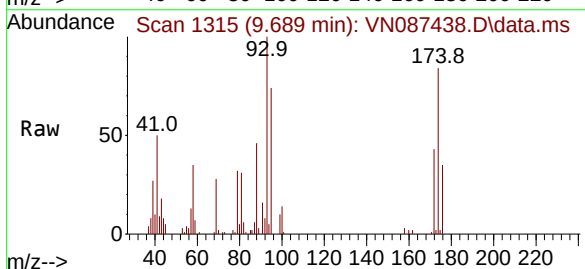
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

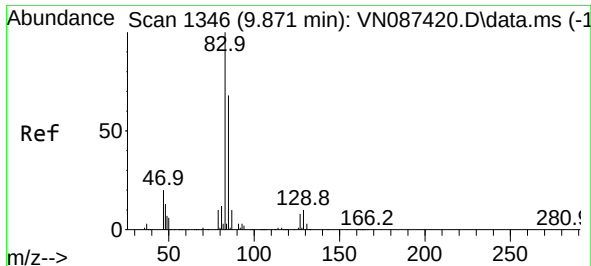
Tgt Ion: 63 Resp: 61914
Ion Ratio Lower Upper
63 100
65 33.0 23.1 34.7



#40
Dibromomethane
Concen: 19.598 ug/l
RT: 9.689 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 93 Resp: 44055
Ion Ratio Lower Upper
93 100
95 83.0 0.0 164.8
174 84.9 0.0 174.4

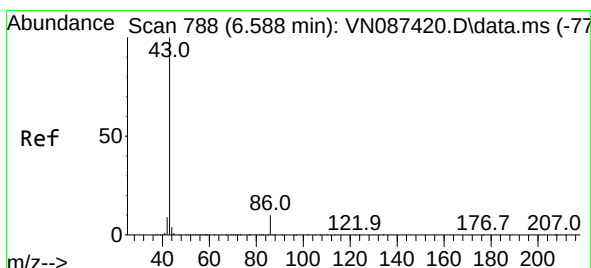
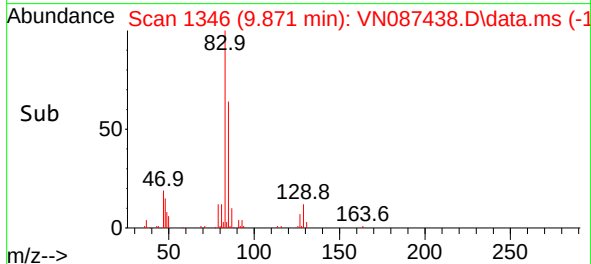
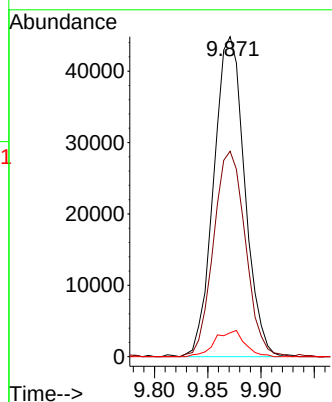
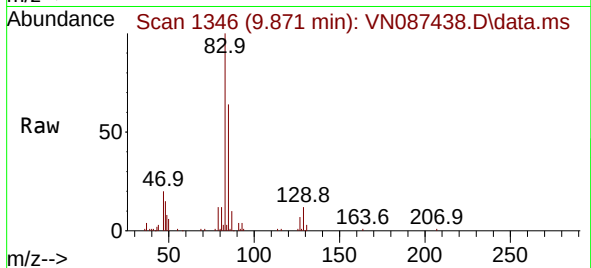




#41
Bromodichloromethane
Concen: 20.007 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

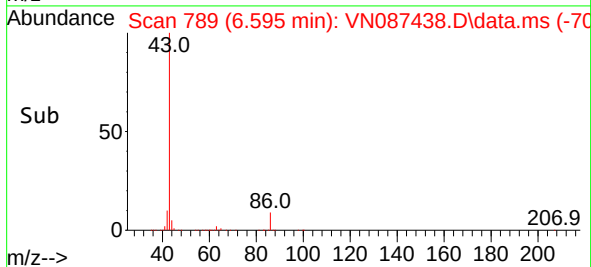
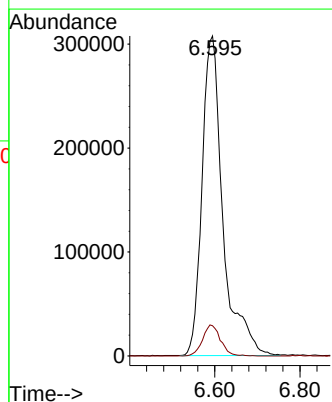
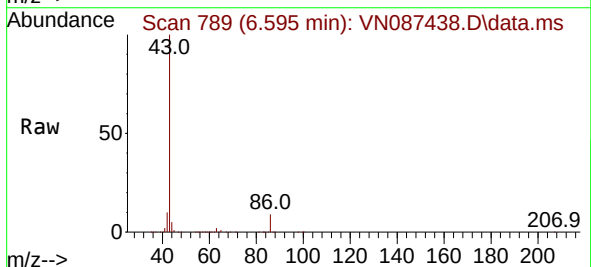
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

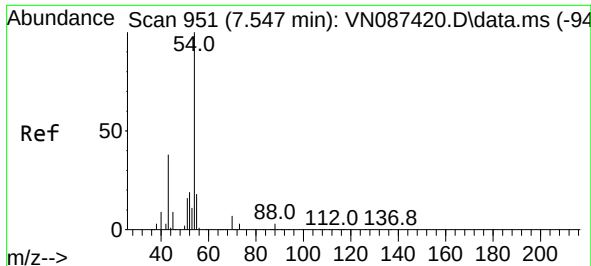
Tgt Ion: 83 Resp: 90515
Ion Ratio Lower Upper
83 100
85 64.2 54.5 81.7
127 7.5 6.6 10.0



#42
Vinyl Acetate
Concen: 111.388 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 43 Resp: 1045165
Ion Ratio Lower Upper
43 100
86 8.3 7.9 11.9

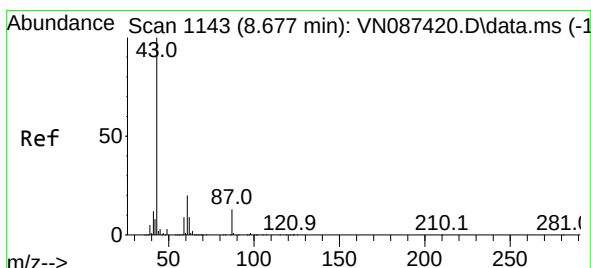
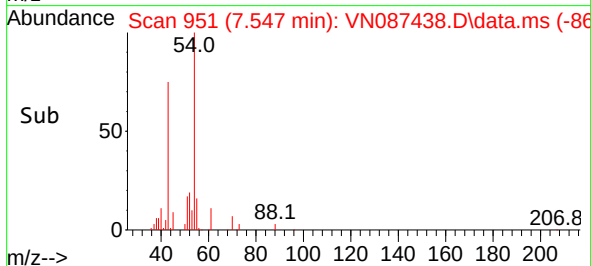
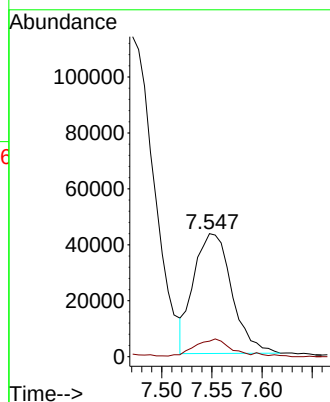
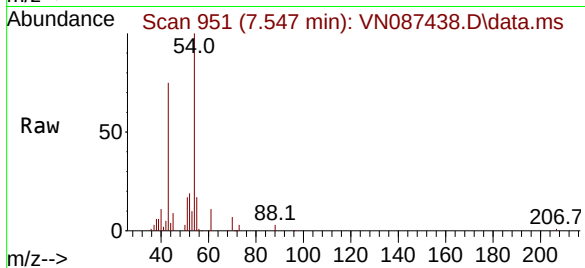




#43
Ethyl Acetate
Concen: 19.775 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

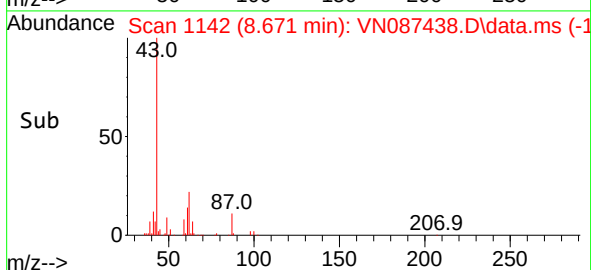
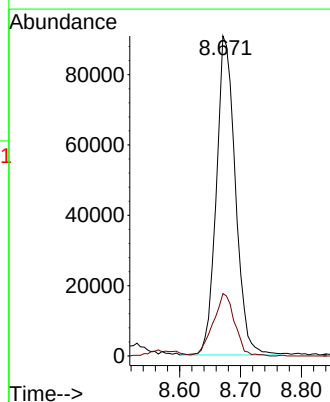
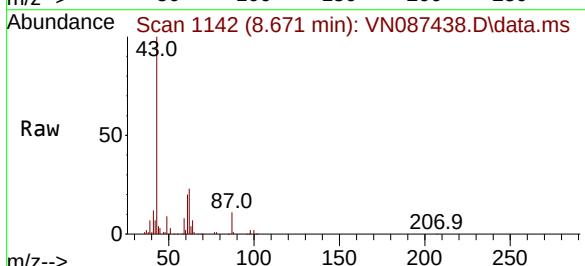
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

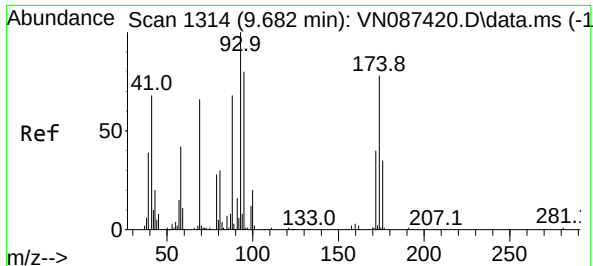
Tgt Ion: 43 Resp: 113032
Ion Ratio Lower Upper
43 100
45 13.7 1.6 2.4#



#44
Isopropyl Acetate
Concen: 21.542 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 43 Resp: 196705
Ion Ratio Lower Upper
43 100
61 21.1 20.0 30.0





#45

1,4-Dioxane

Concen: 435.179 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

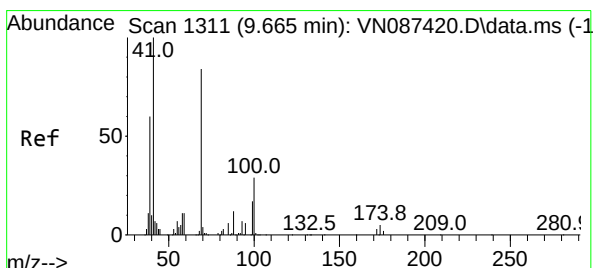
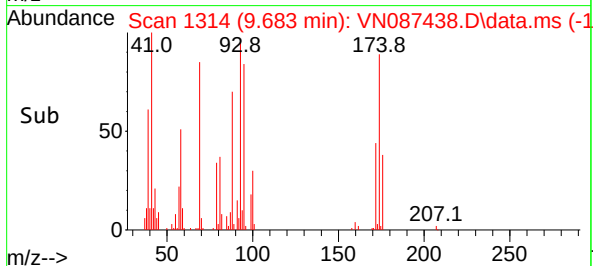
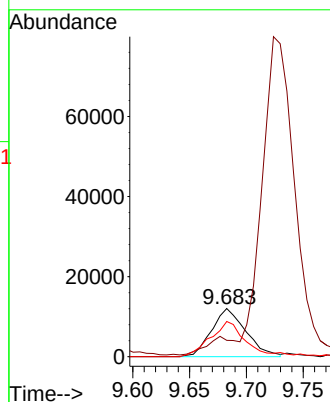
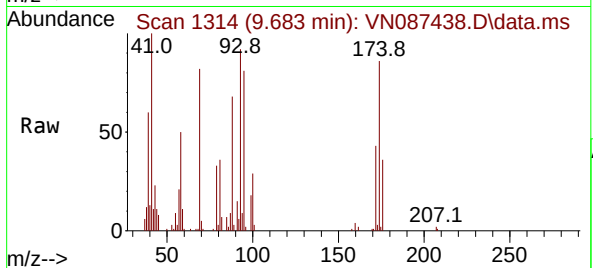
Tgt Ion: 88 Resp: 25213

Ion Ratio Lower Upper

88 100

43 32.9 22.7 34.1

58 72.1 56.2 84.4



#46

Methyl methacrylate

Concen: 20.978 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

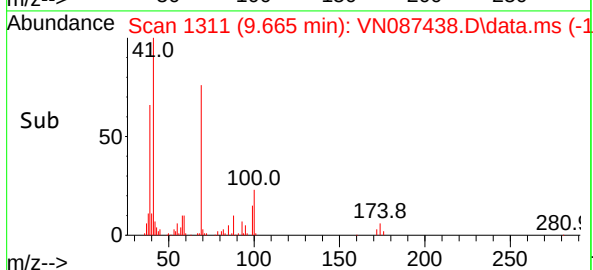
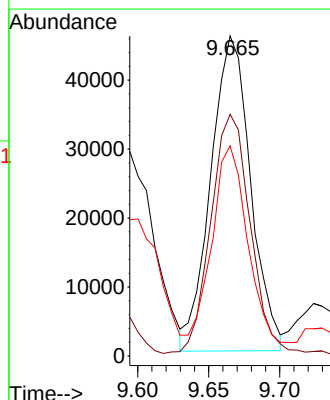
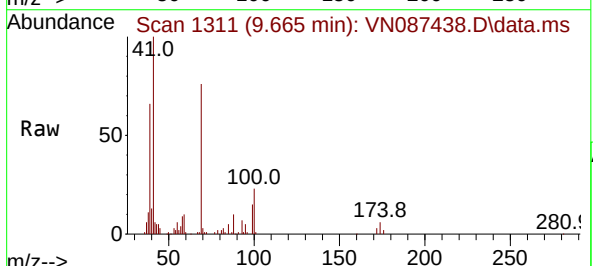
Tgt Ion: 41 Resp: 89192

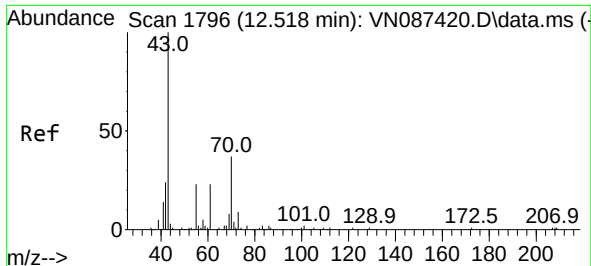
Ion Ratio Lower Upper

41 100

69 79.4 41.9 125.7

39 65.6 31.1 93.5

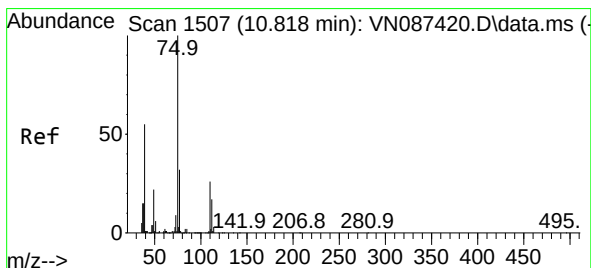
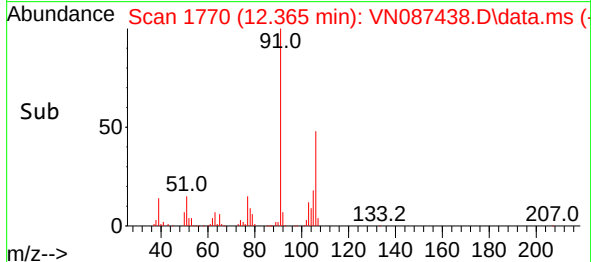
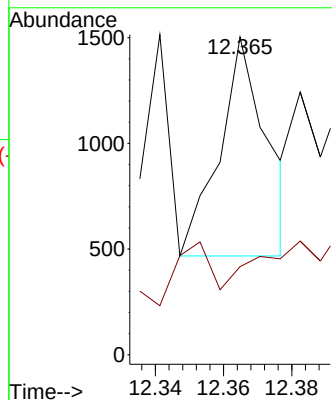
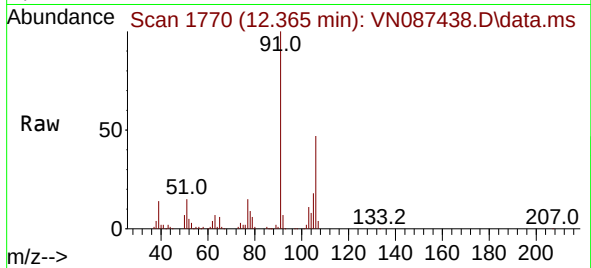




#47
n-amy1 Acetate
Concen: 0.265 ug/l
RT: 12.365 min Scan# 11
Delta R.T. -0.153 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

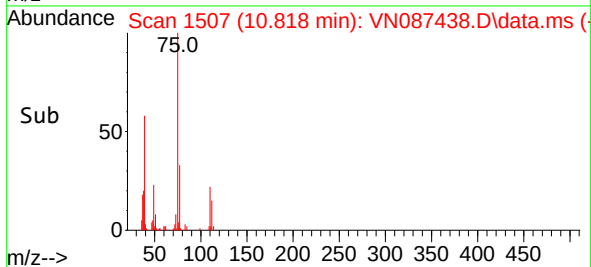
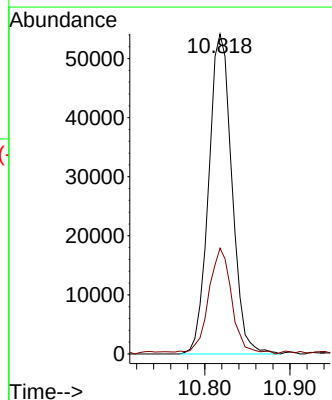
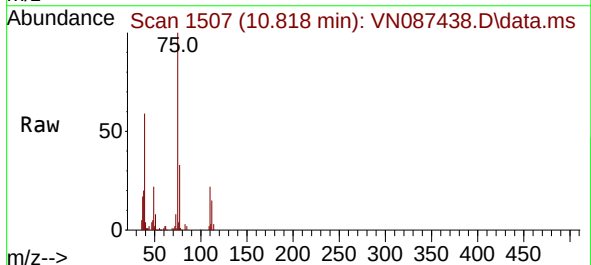
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

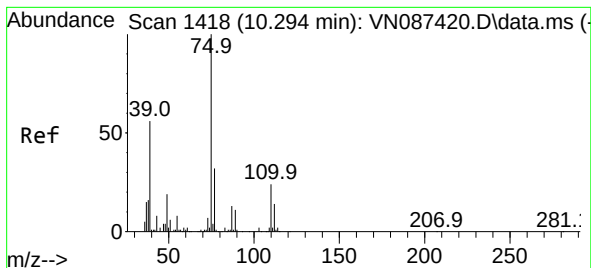
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
55 21.8 15.0 22.6



#48
t-1,3-Dichloropropene
Concen: 20.134 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 75 Resp: 102545
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2

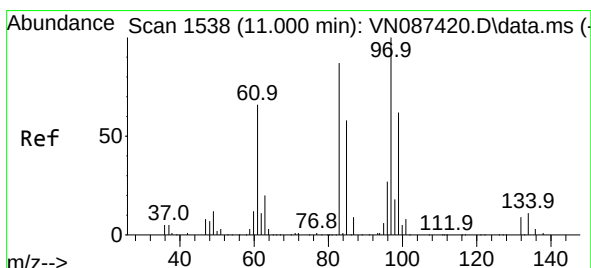
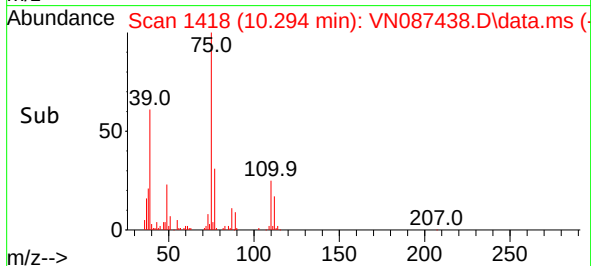
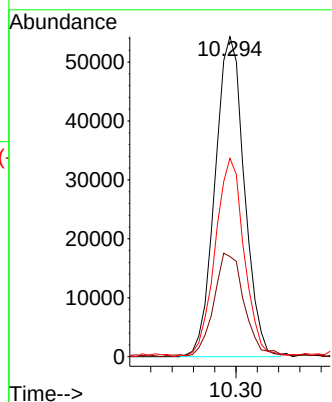
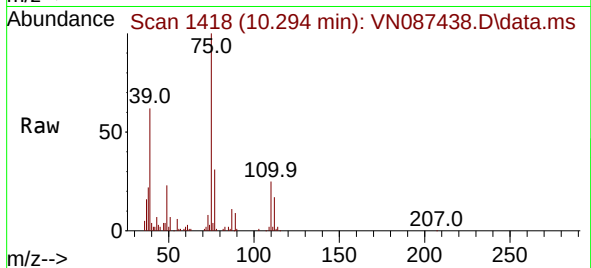




#49
 cis-1,3-Dichloropropene
 Concen: 19.344 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

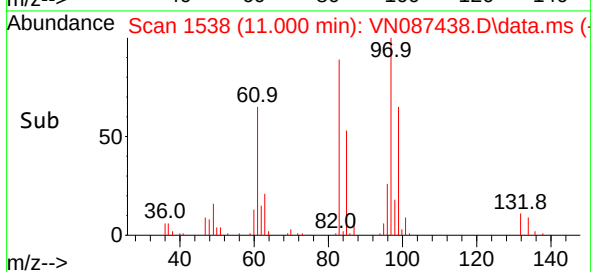
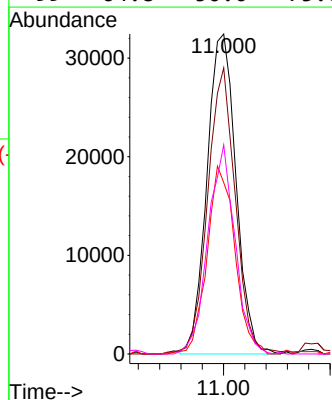
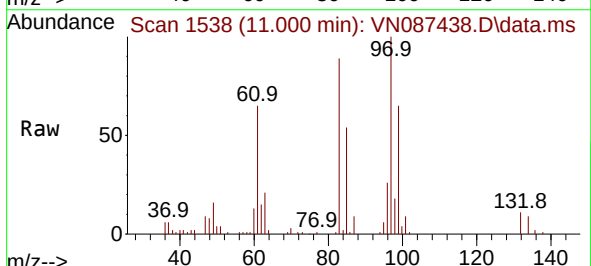
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

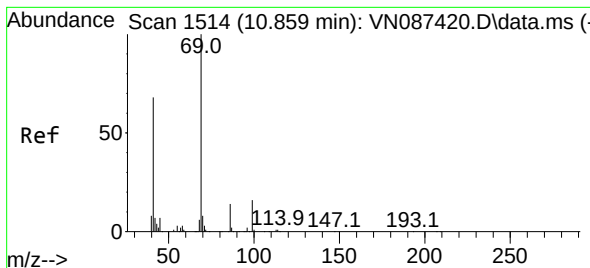
Tgt Ion: 75 Resp: 103474
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 61.4 45.0 67.4



#50
 1,1,2-Trichloroethane
 Concen: 20.548 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 97 Resp: 61484
 Ion Ratio Lower Upper
 97 100
 83 88.6 70.0 105.0
 85 53.6 46.2 69.2
 99 64.8 50.0 75.0

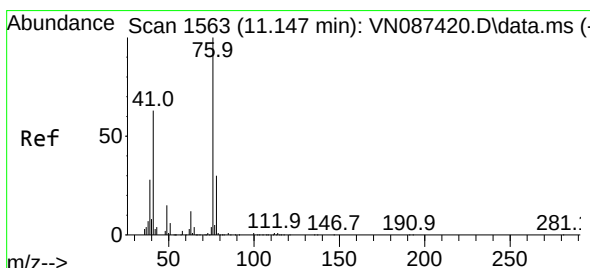
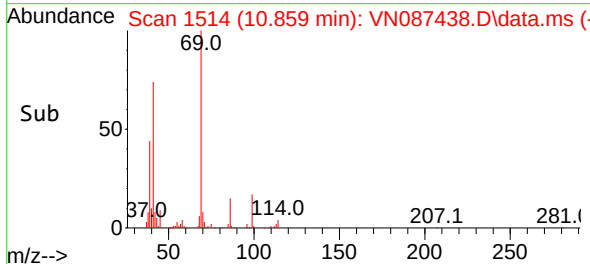
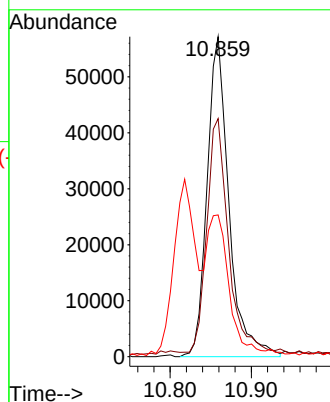
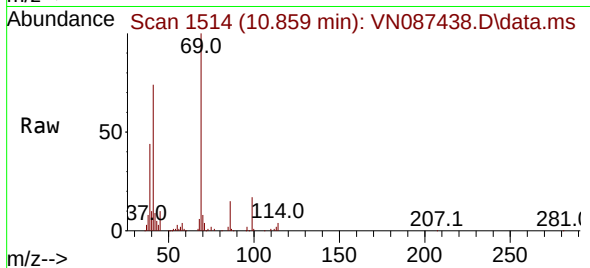




#51
Ethyl methacrylate
Concen: 19.668 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

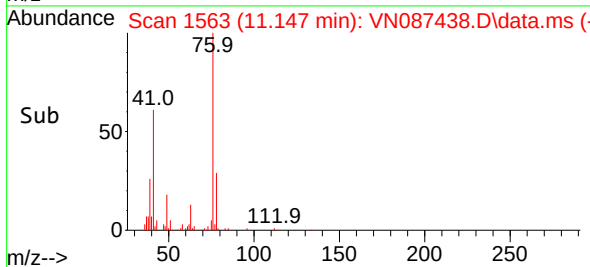
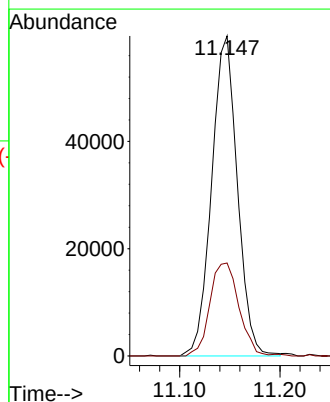
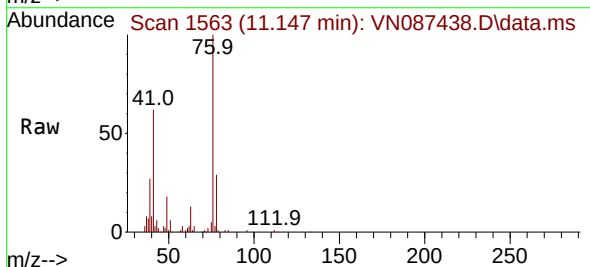
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

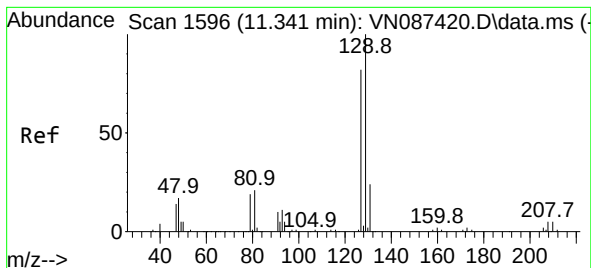
Tgt Ion: 69 Resp: 106582
Ion Ratio Lower Upper
69 100
41 73.1 33.9 101.6
39 42.9 20.3 60.9



#52
1,3-Dichloropropane
Concen: 20.597 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 76 Resp: 106517
Ion Ratio Lower Upper
76 100
78 32.6 0.0 67.4





#53

Dibromochloromethane

Concen: 19.579 ug/l

RT: 11.341 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

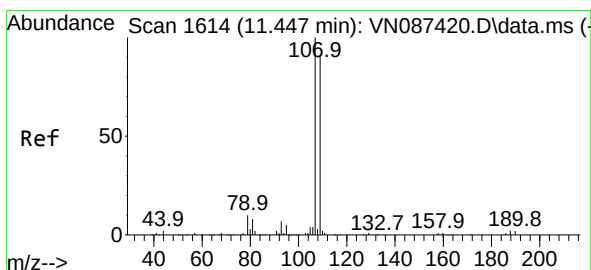
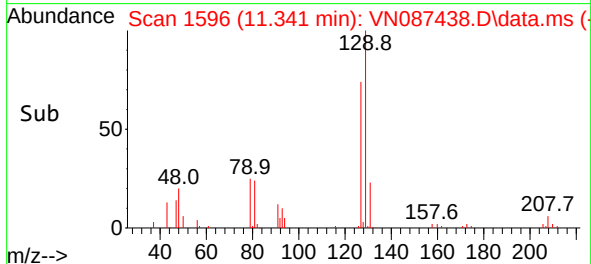
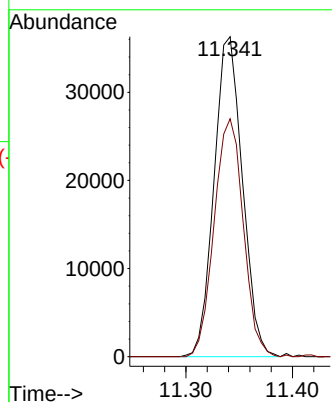
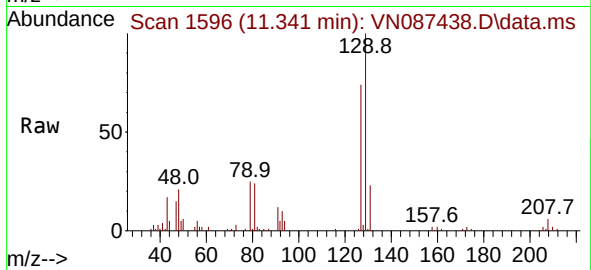
VN0730WBS01

Tgt Ion:129 Resp: 67198

Ion Ratio Lower Upper

129 100

127 76.1 39.5 118.3



#54

1,2-Dibromoethane

Concen: 19.838 ug/l

RT: 11.453 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VN087438.D

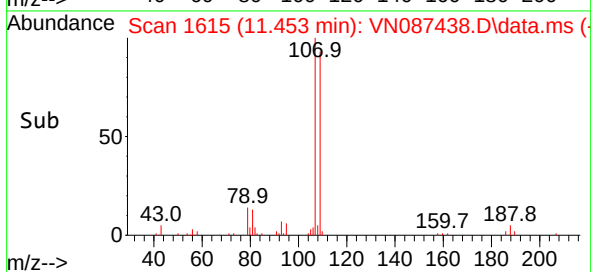
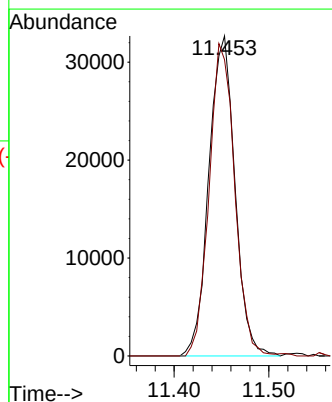
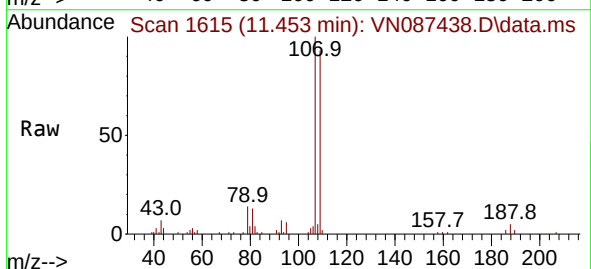
Acq: 30 Jul 2025 09:57

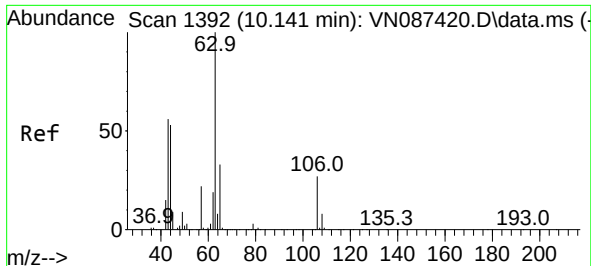
Tgt Ion:107 Resp: 62459

Ion Ratio Lower Upper

107 100

109 95.5 73.9 110.9

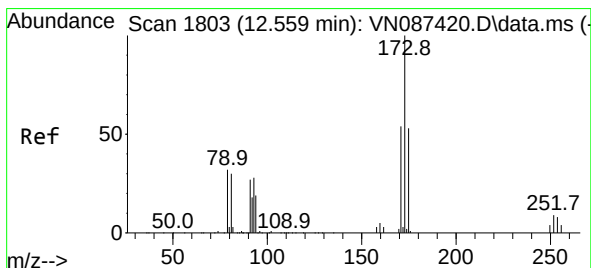
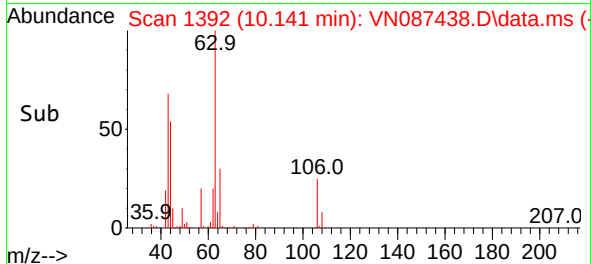
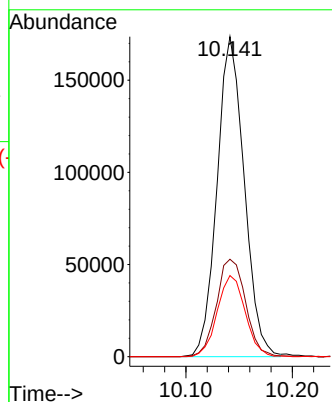
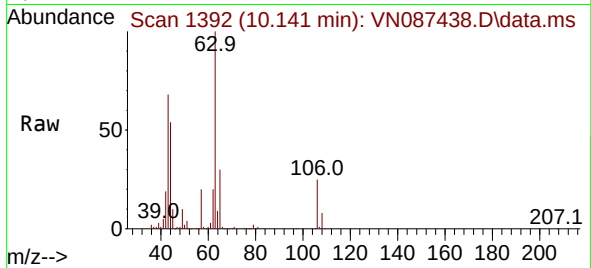




#55
2-Chloroethyl vinyl ether
Concen: 138.008 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

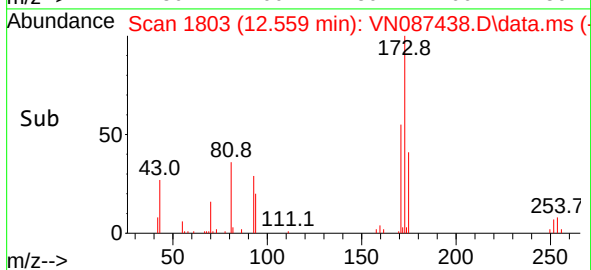
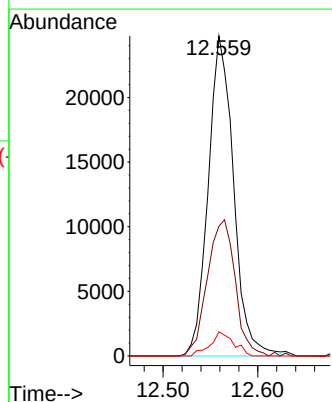
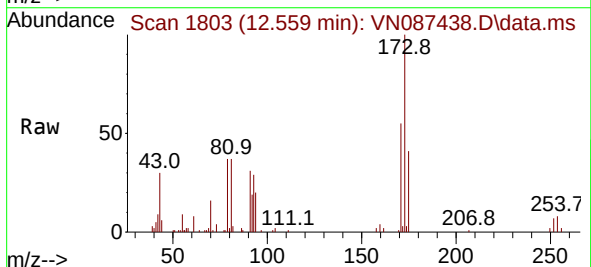
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

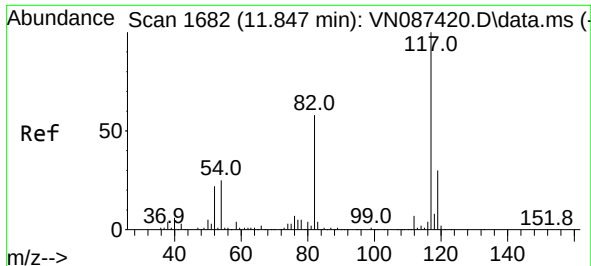
Tgt Ion: 63 Resp: 307484
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 26.0 21.3 31.9



#56
Bromoform
Concen: 19.098 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 173 Resp: 45997
Ion Ratio Lower Upper
173 100
175 46.7 38.4 57.6
254 7.0 6.4 9.6

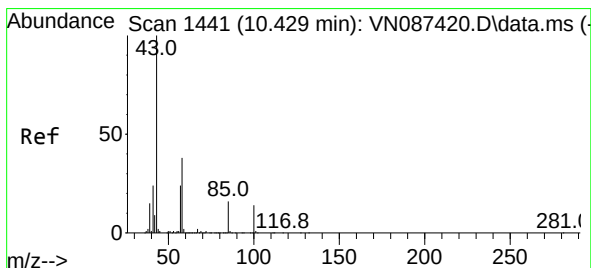
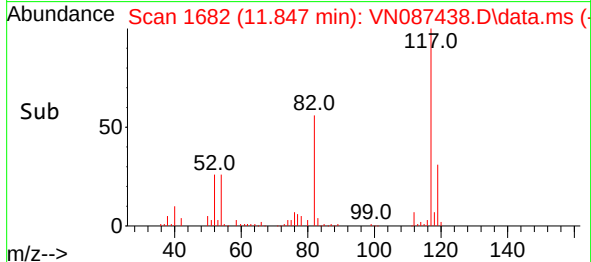
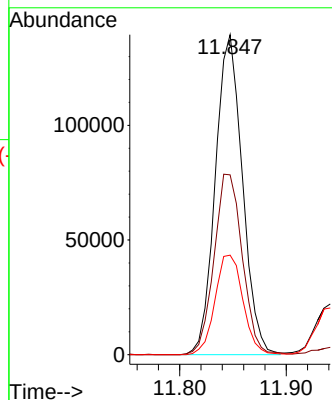
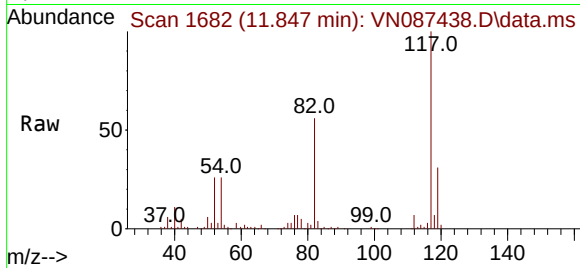




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

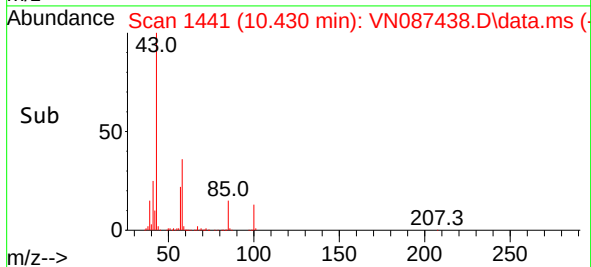
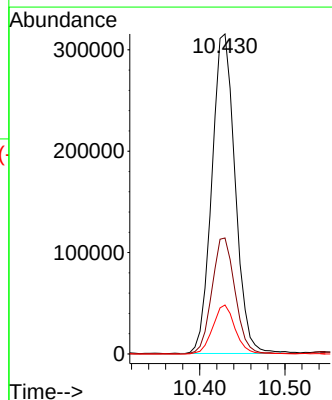
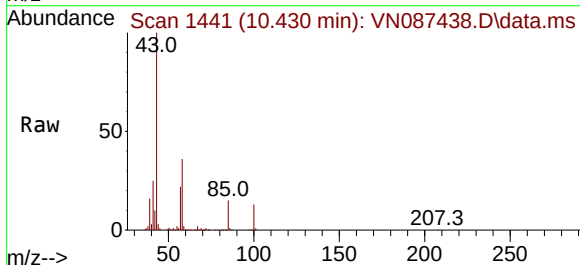
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

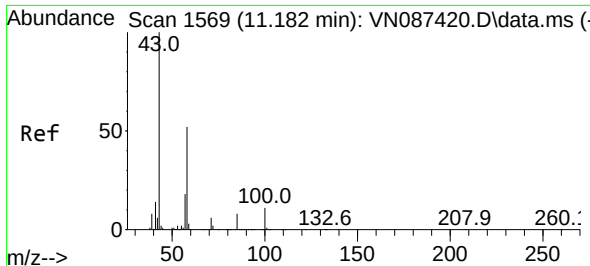
Tgt Ion:117 Resp: 246291
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 107.858 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 43 Resp: 598355
Ion Ratio Lower Upper
43 100
58 36.2 29.9 44.9
85 14.8 12.8 19.2

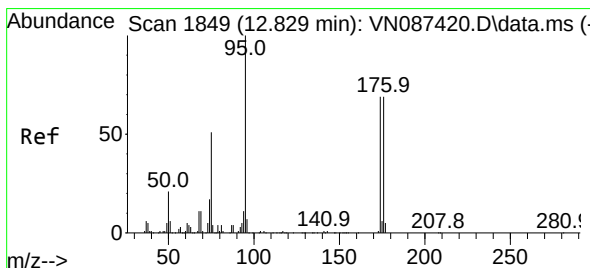
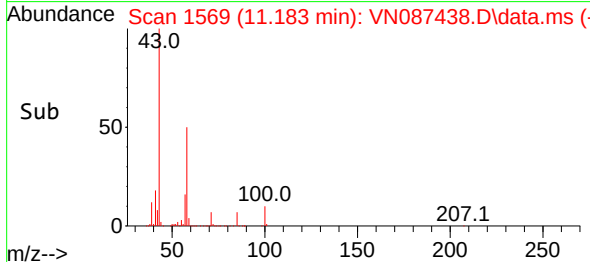
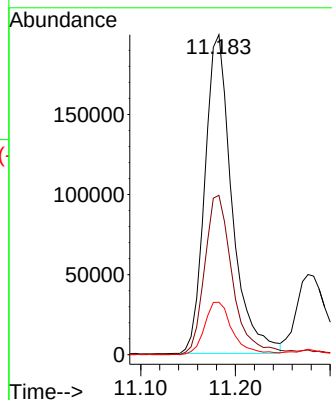
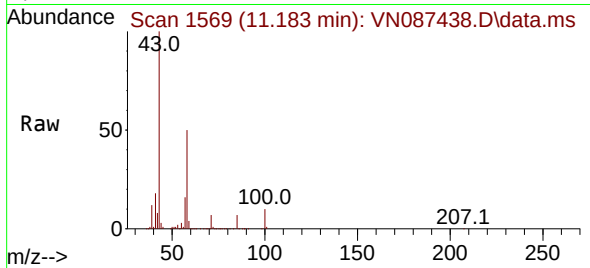




#59
2-Hexanone
Concen: 103.079 ug/l
RT: 11.183 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

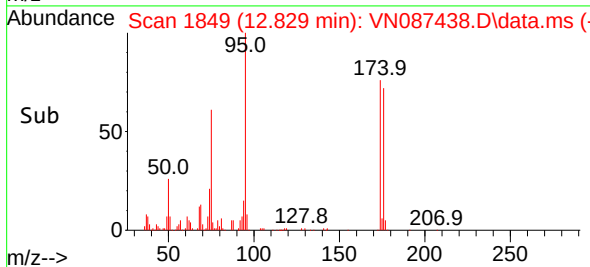
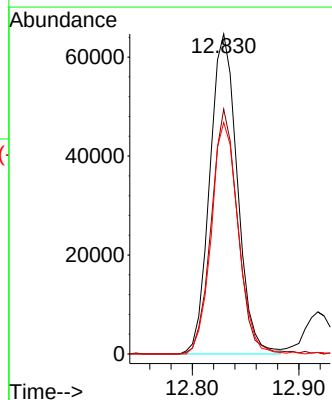
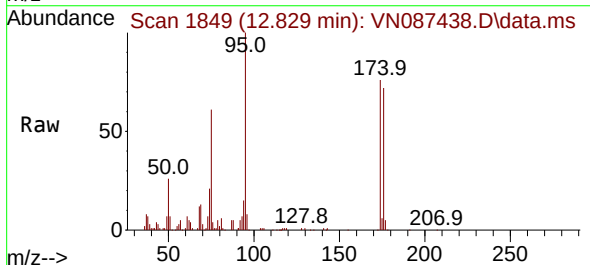
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

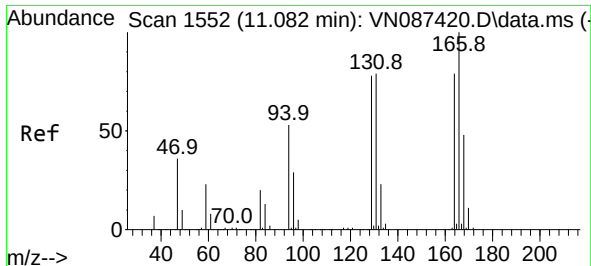
Tgt Ion: 43 Resp: 396291
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 16.9 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 28.726 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 95 Resp: 116180
Ion Ratio Lower Upper
95 100
174 73.3 57.8 86.8
176 70.7 54.9 82.3

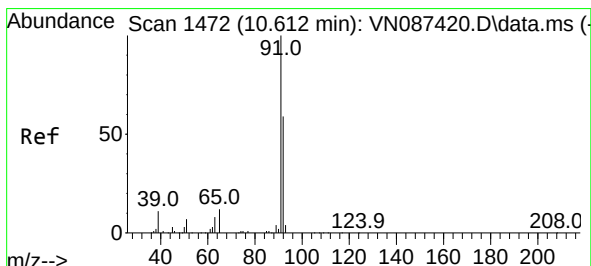
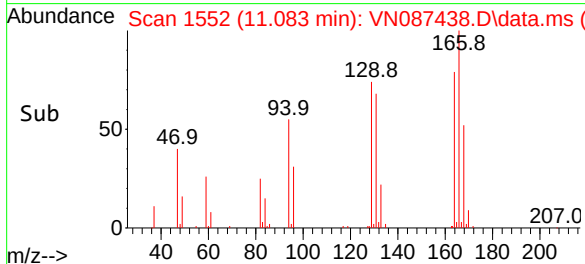
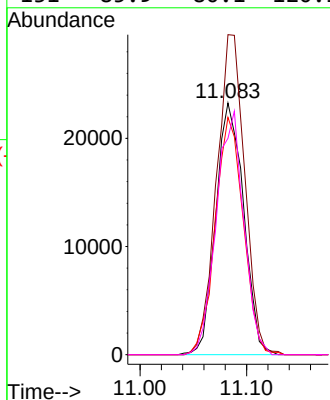
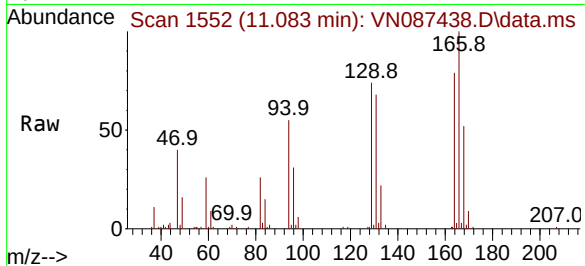




#61
Tetrachloroethene
Concen: 18.077 ug/l
RT: 11.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

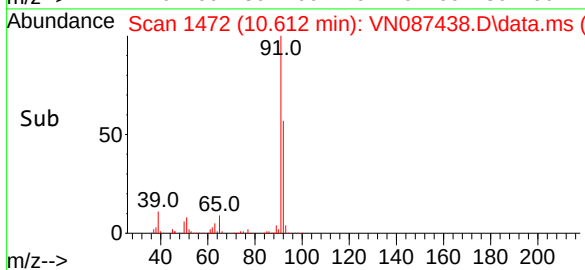
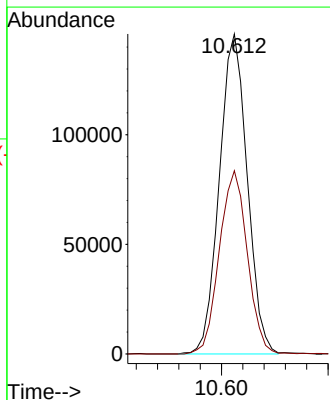
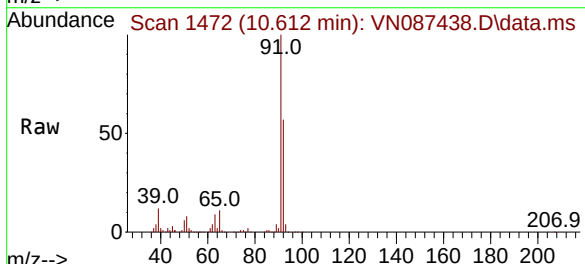
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

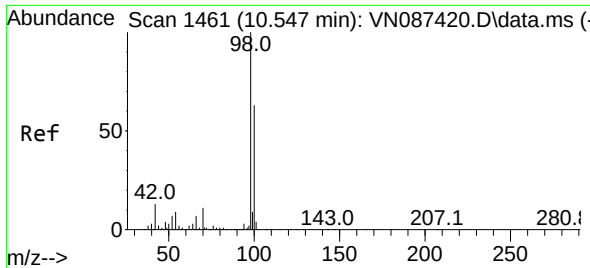
Tgt Ion:164 Resp: 42271
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.8
129 94.3 79.8 119.8
131 85.9 80.1 120.1



#62
Toluene
Concen: 19.082 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 91 Resp: 265234
Ion Ratio Lower Upper
91 100
92 57.4 45.6 68.4

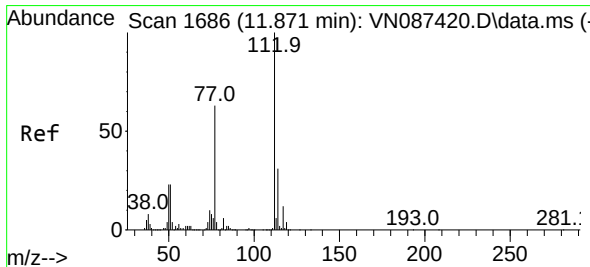
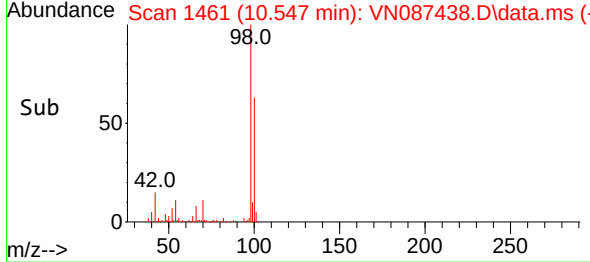
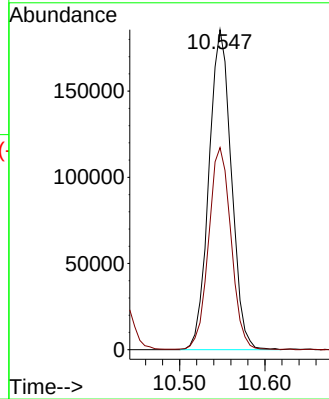
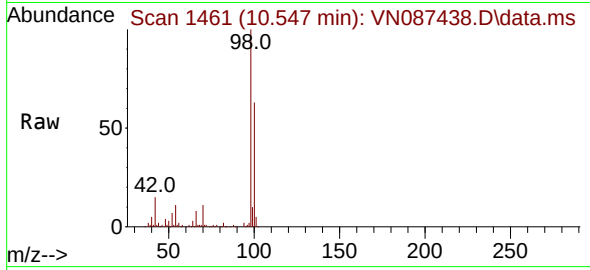




#63
Toluene-d8
Concen: 30.082 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

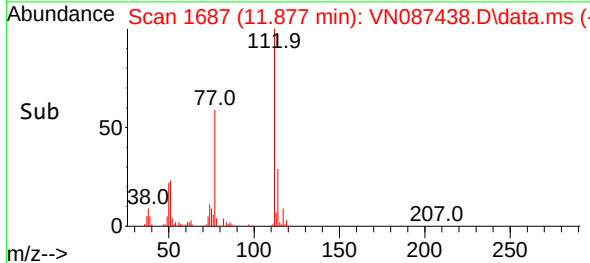
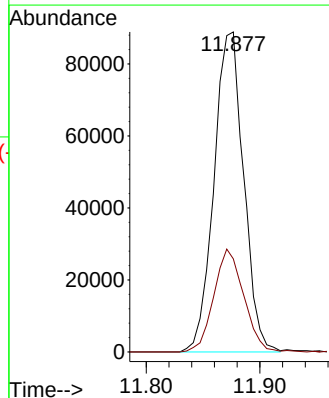
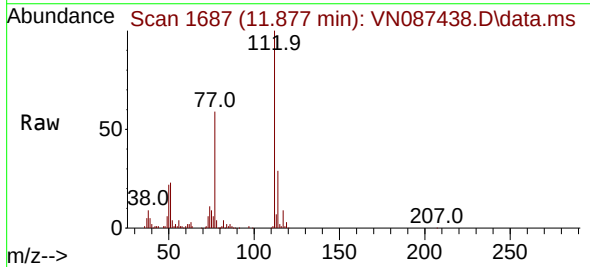
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

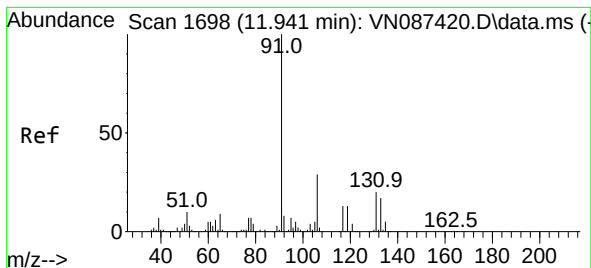
Tgt Ion: 98 Resp: 340245
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#64
Chlorobenzene
Concen: 18.851 ug/l
RT: 11.877 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 112 Resp: 161138
Ion Ratio Lower Upper
112 100
114 29.1 25.2 37.8

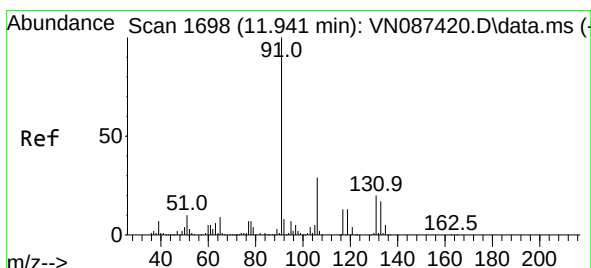
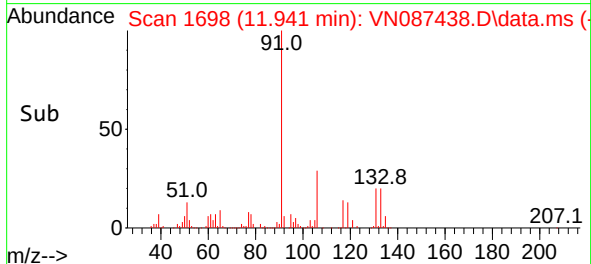
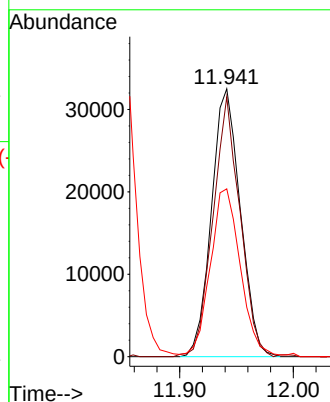
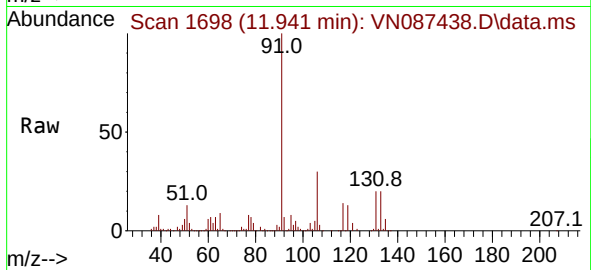




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.796 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

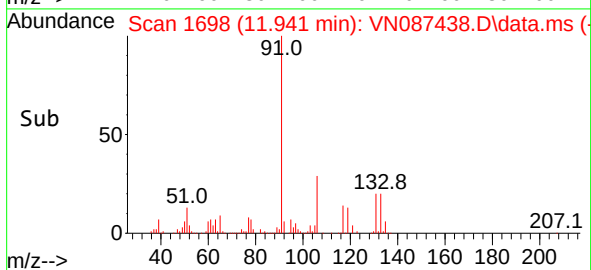
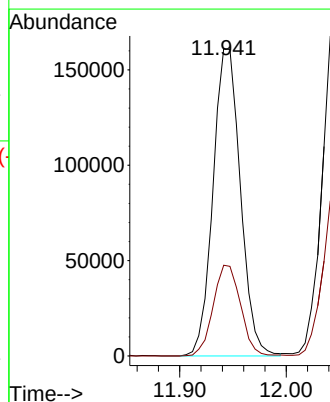
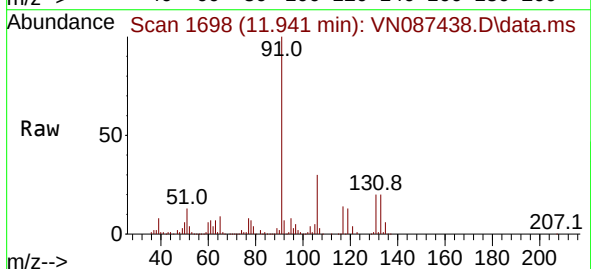
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

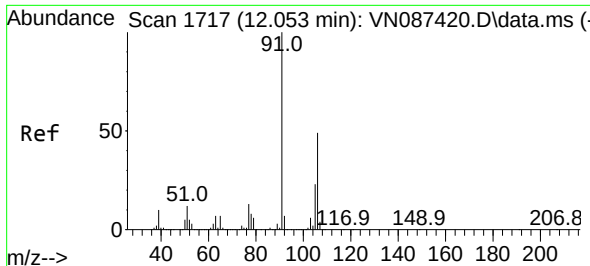
Tgt Ion:131 Resp: 57380
 Ion Ratio Lower Upper
 131 100
 133 90.7 0.0 184.2
 119 65.4 0.0 136.4



#66
 Ethyl Benzene
 Concen: 18.966 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 91 Resp: 288027
 Ion Ratio Lower Upper
 91 100
 106 29.5 23.6 35.4

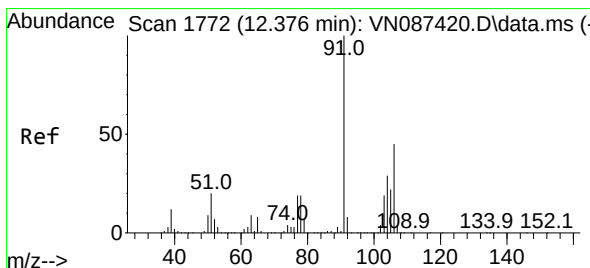
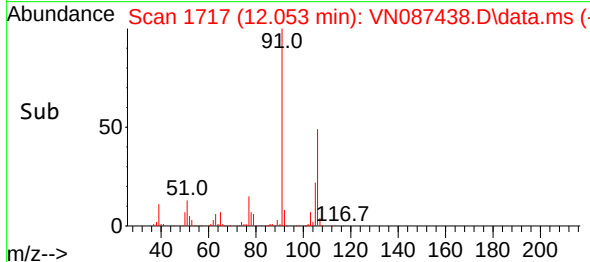
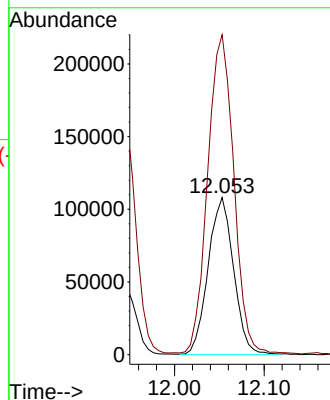
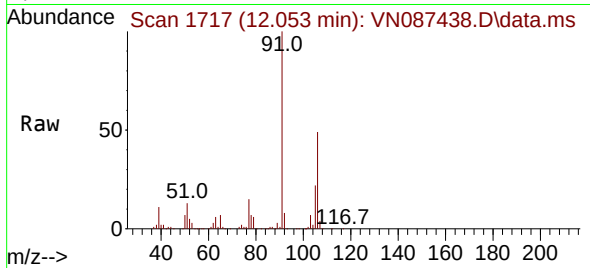




#67
m/p-Xylenes
Concen: 37.489 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

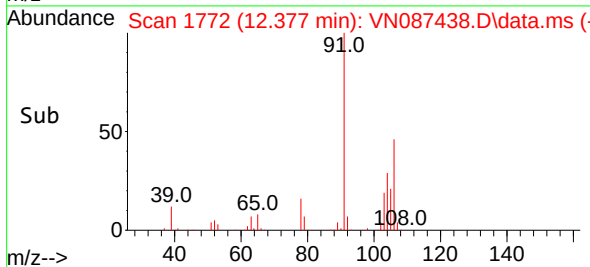
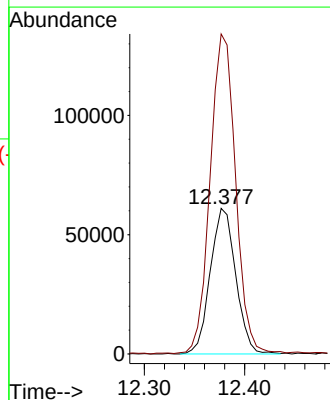
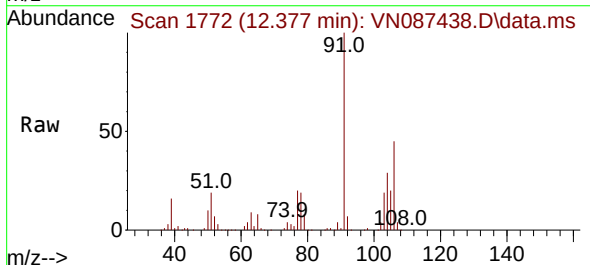
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

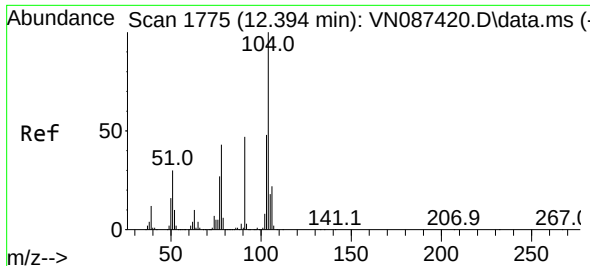
Tgt Ion:106 Resp: 213320
Ion Ratio Lower Upper
106 100
91 209.7 165.4 248.2



#68
o-Xylene
Concen: 19.321 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:106 Resp: 107584
Ion Ratio Lower Upper
106 100
91 218.8 106.9 320.8

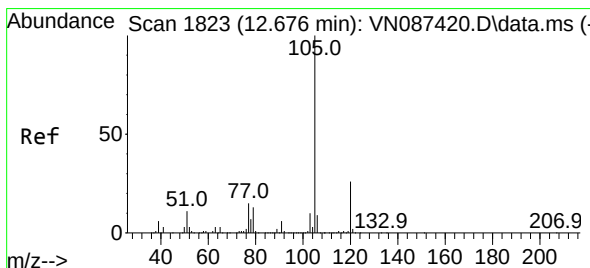
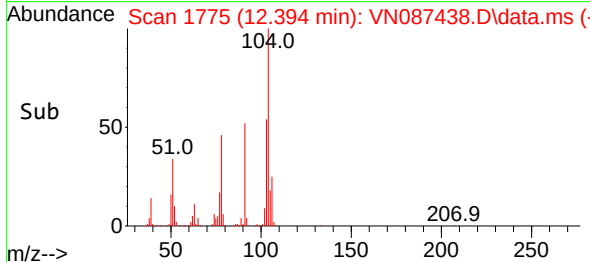
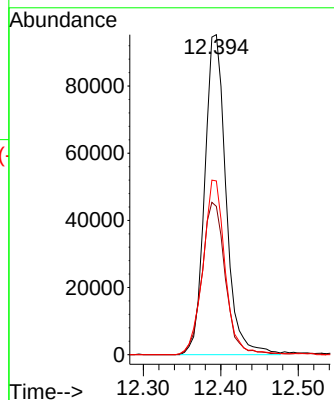
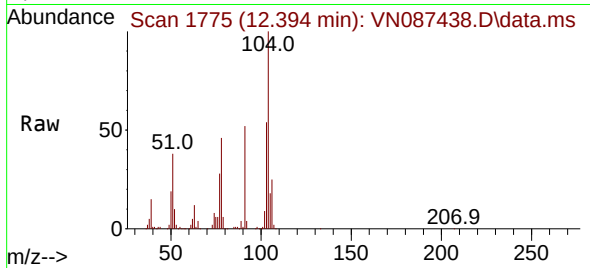




#69
Styrene
Concen: 19.152 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

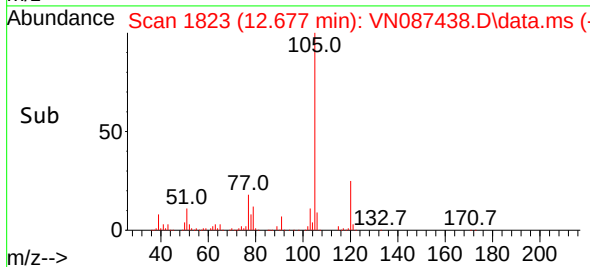
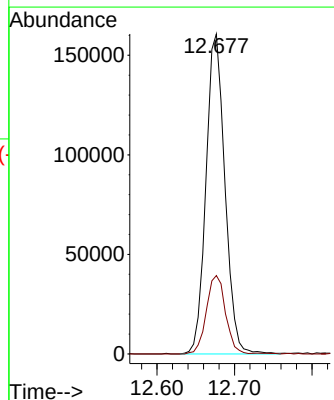
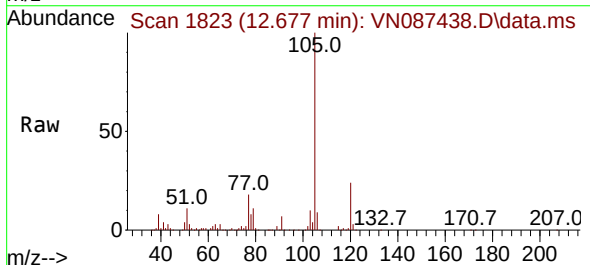
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

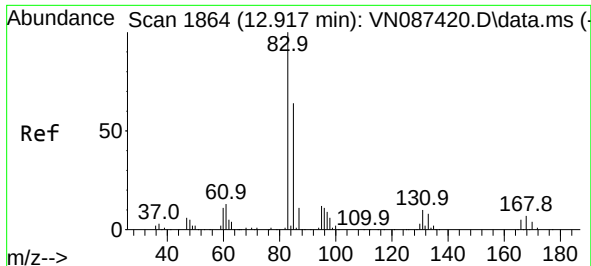
Tgt Ion:104 Resp: 182419
Ion Ratio Lower Upper
104 100
78 51.7 40.6 60.8
103 56.0 43.8 65.8



#70
Isopropylbenzene
Concen: 19.061 ug/l
RT: 12.677 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:105 Resp: 272570
Ion Ratio Lower Upper
105 100
120 24.7 18.1 33.5

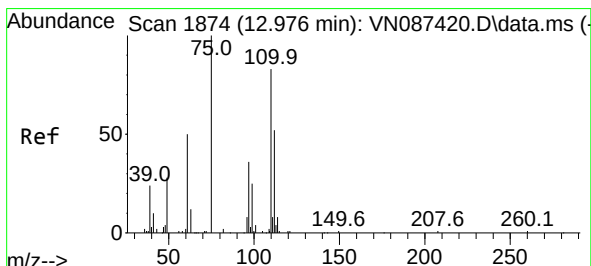
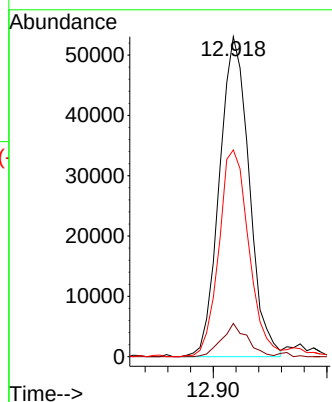
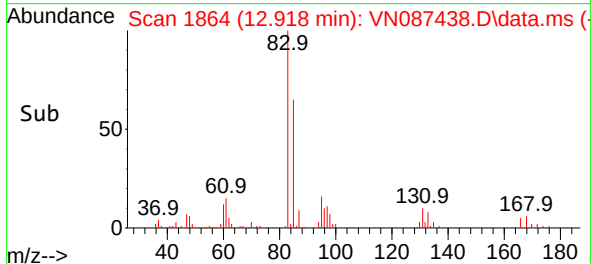
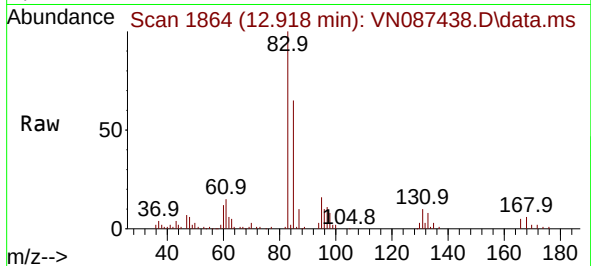




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.761 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

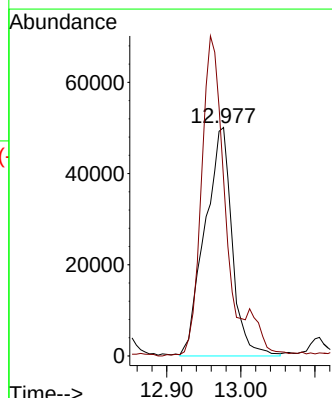
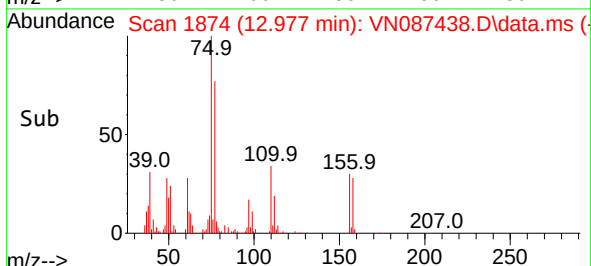
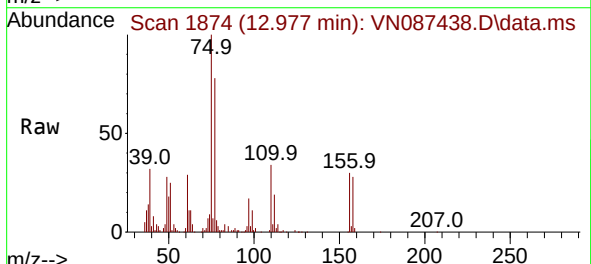
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

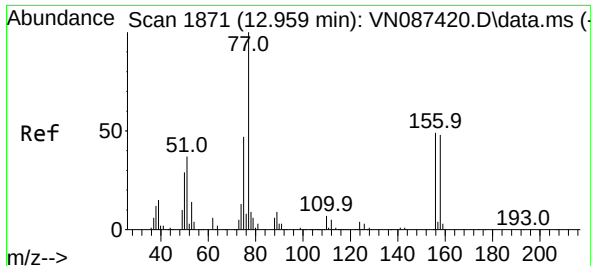
Tgt Ion: 83 Resp: 96360
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.0 14.9
 85 65.1 32.7 98.1



#72
 1,2,3-Trichloropropane
 Concen: 28.758 ug/l
 RT: 12.977 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion: 75 Resp: 127556
 Ion Ratio Lower Upper
 75 100
 77 118.2 0.0 322.6

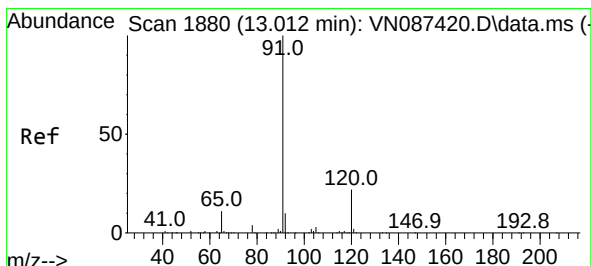
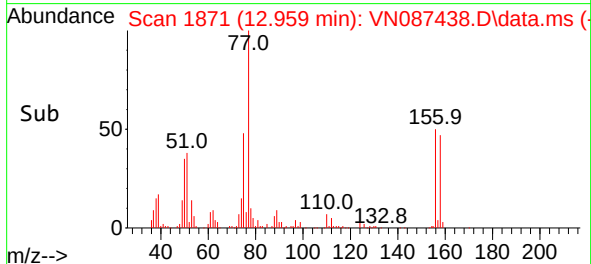
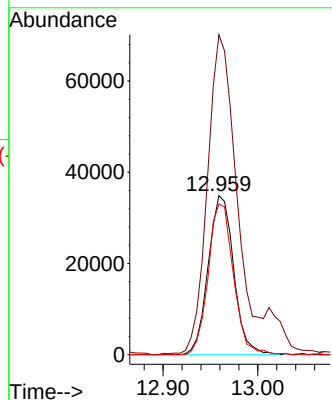
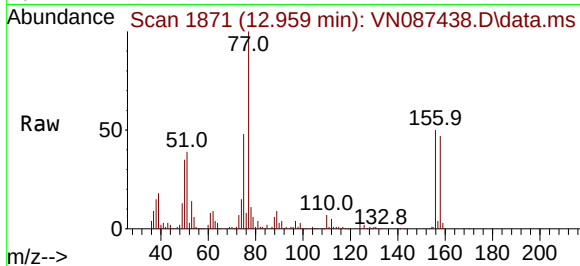




#73
Bromobenzene
Concen: 19.610 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

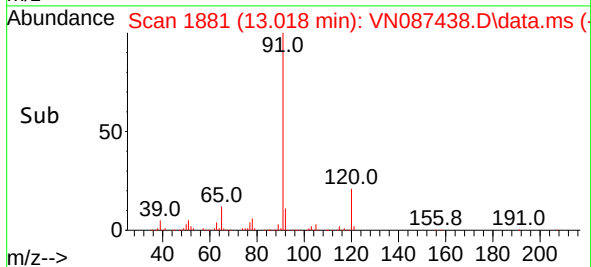
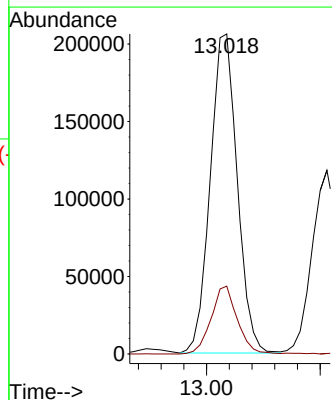
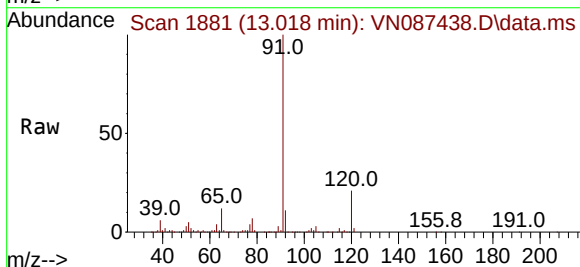
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

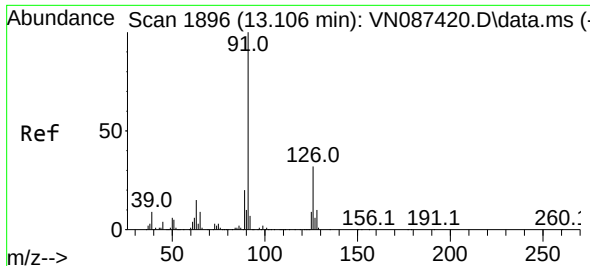
Tgt Ion	Ratio	Lower	Upper
156	100		
77	231.3	0.0	483.0
158	93.6	0.0	195.0



#74
n-propylbenzene
Concen: 19.271 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.5	0.0	44.0

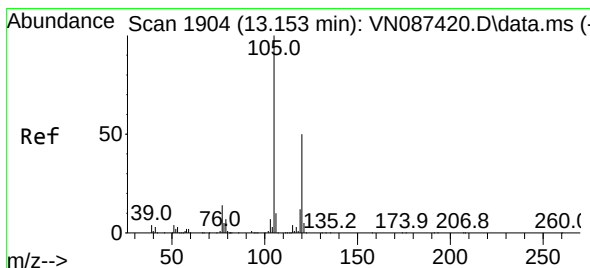
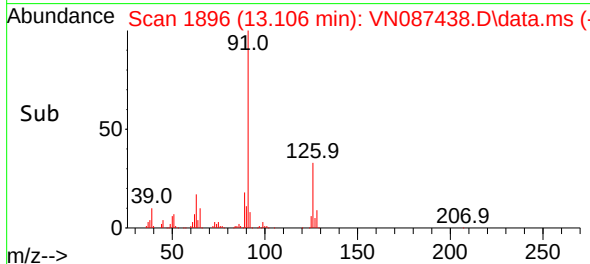
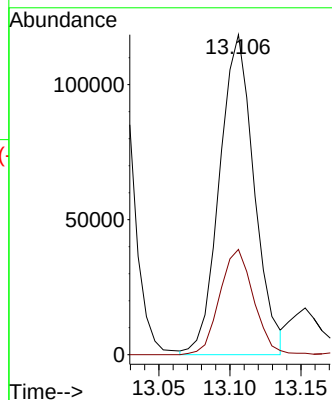
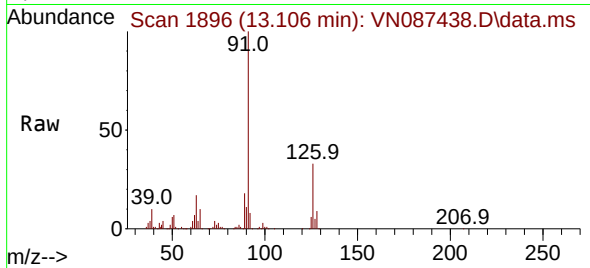




#75
2-Chlorotoluene
Concen: 19.208 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

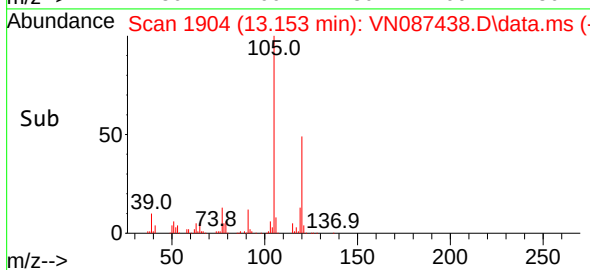
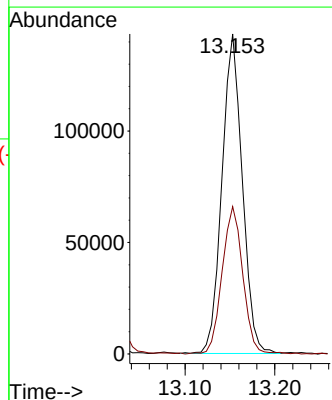
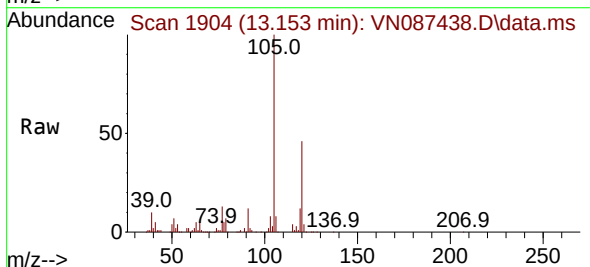
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

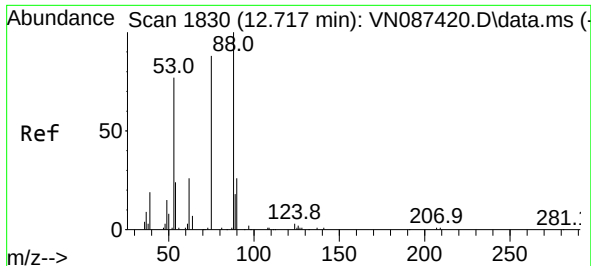
Tgt Ion: 91 Resp: 201268
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 19.051 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 105 Resp: 225695
Ion Ratio Lower Upper
105 100
120 46.6 0.0 97.0

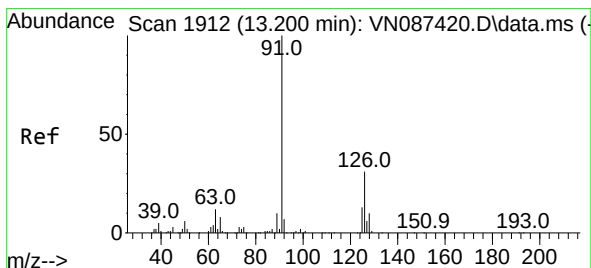
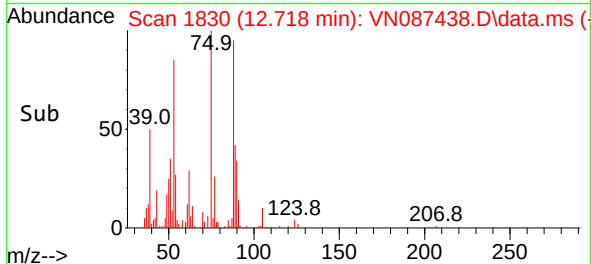
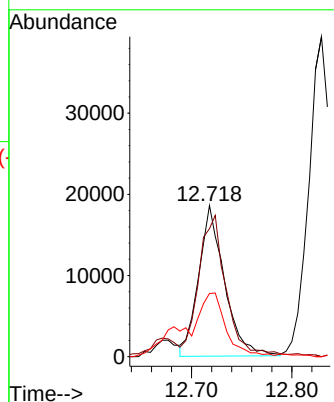
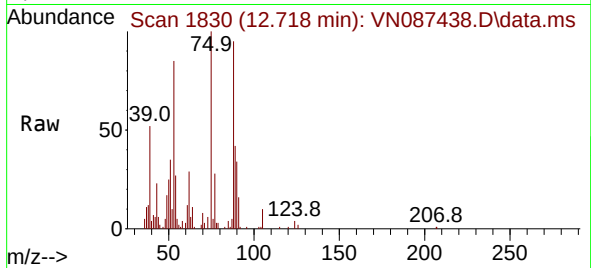




#77
t-1,4-Dichloro-2-butene
Concen: 17.729 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

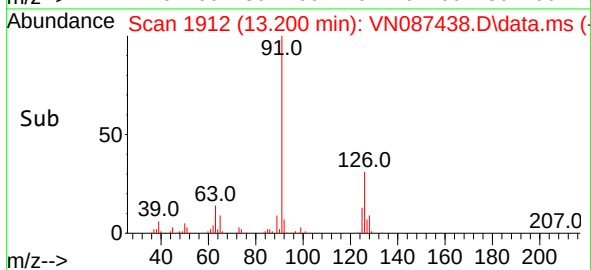
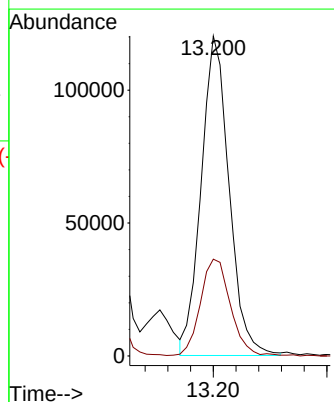
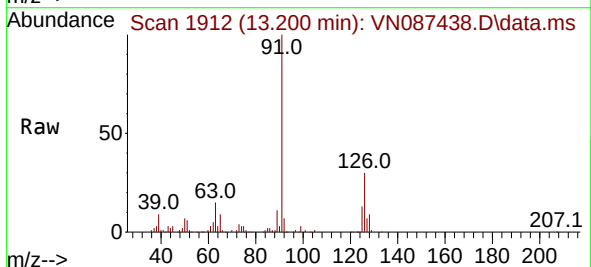
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

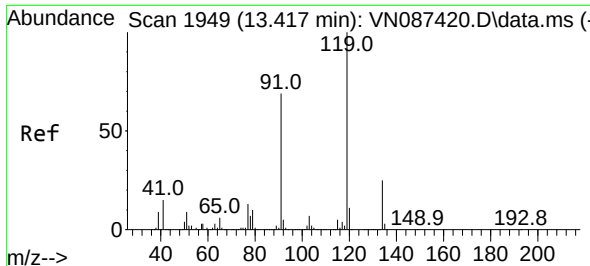
Tgt Ion: 75 Resp: 33368
Ion Ratio Lower Upper
75 100
53 83.8 44.3 132.8
89 40.6 22.4 67.3



#78
4-Chlorotoluene
Concen: 19.074 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 91 Resp: 205233
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.4

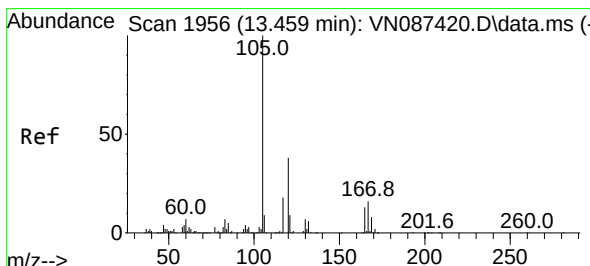
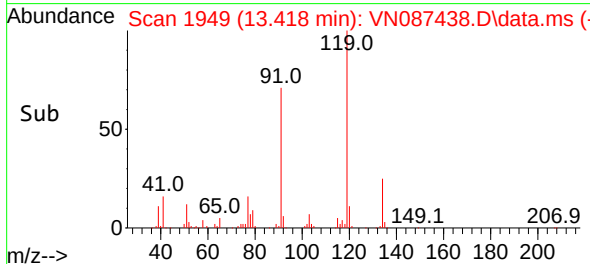
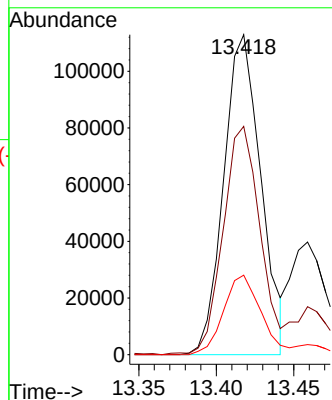
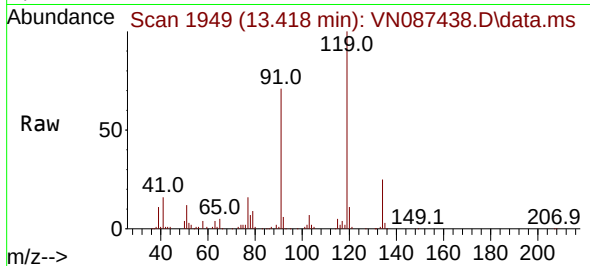




#79
tert-butylbenzene
Concen: 18.409 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

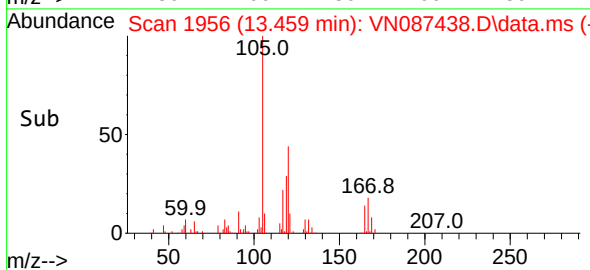
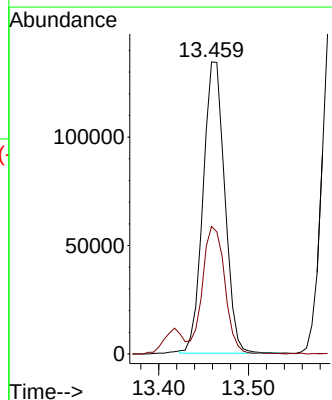
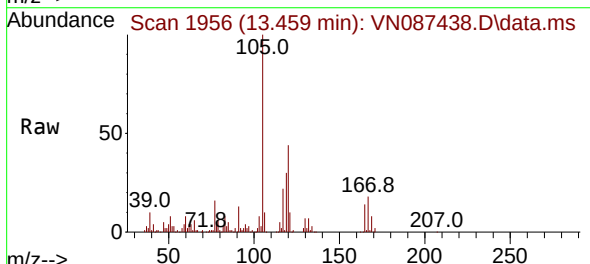
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

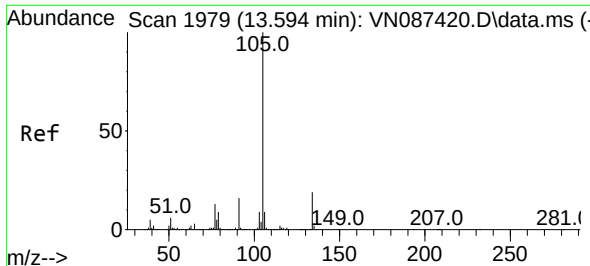
Tgt Ion:119 Resp: 188402
Ion Ratio Lower Upper
119 100
91 69.9 0.0 135.4
134 24.9 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:105 Resp: 225466
Ion Ratio Lower Upper
105 100
120 45.3 0.0 88.6

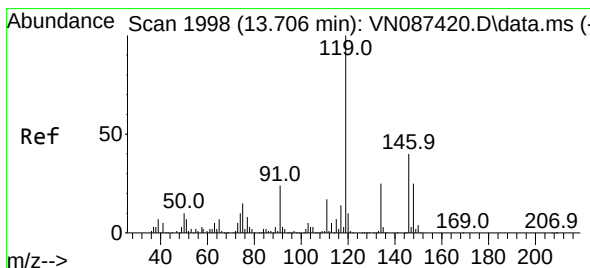
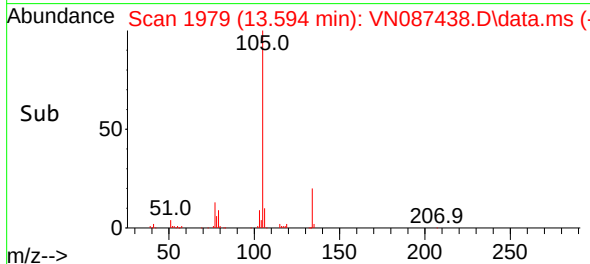
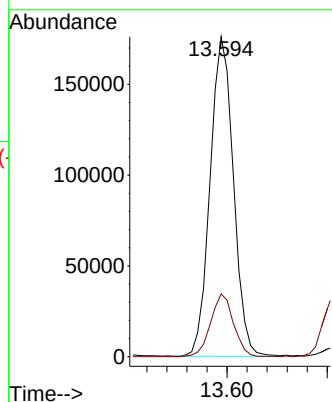
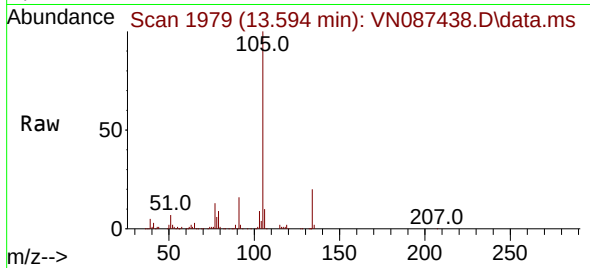




#81
 sec-Butylbenzene
 Concen: 18.705 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

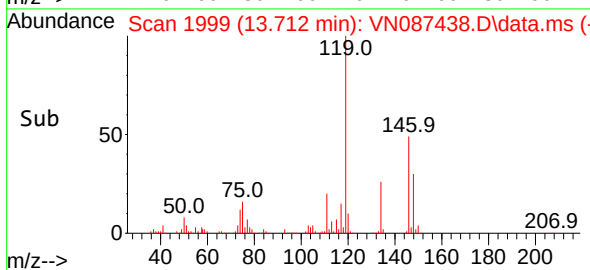
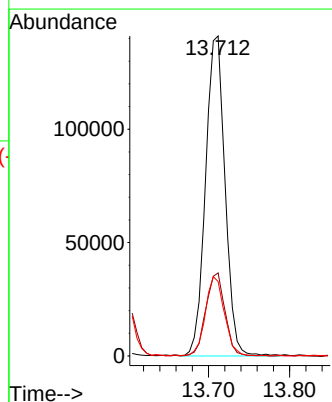
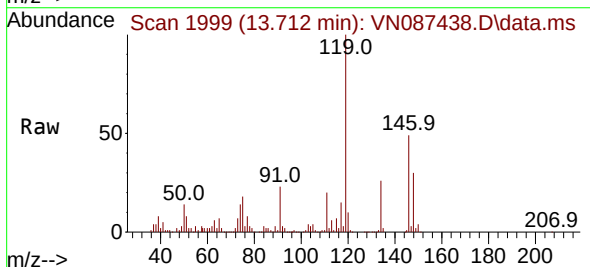
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

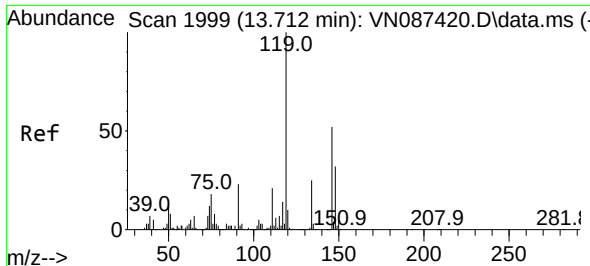
Tgt Ion:105 Resp: 284356
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.094 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion:119 Resp: 235598
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 23.9 0.0 47.6

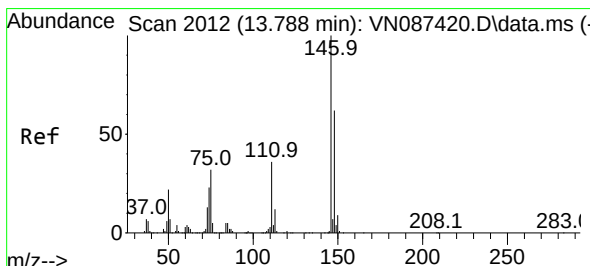
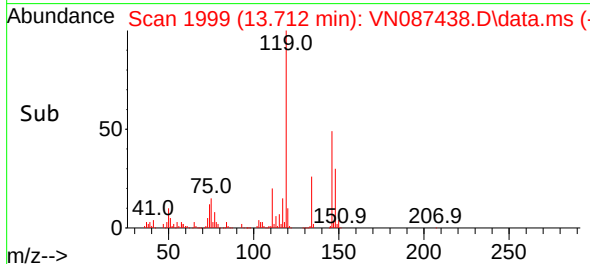
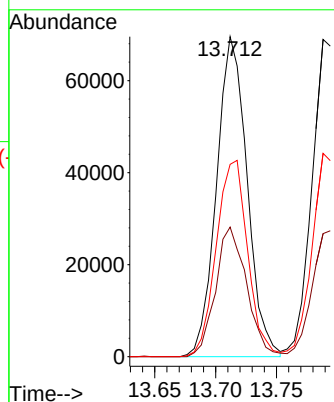
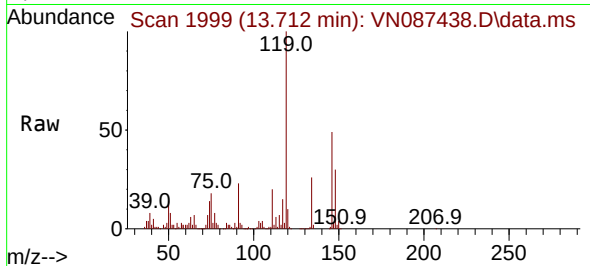




#83
 1,3-Dichlorobenzene
 Concen: 19.310 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

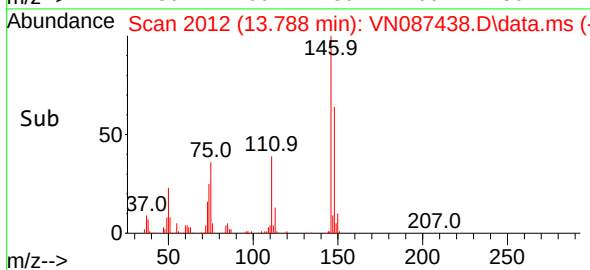
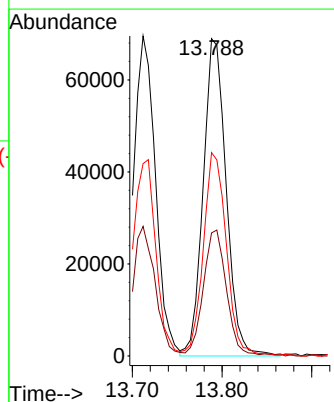
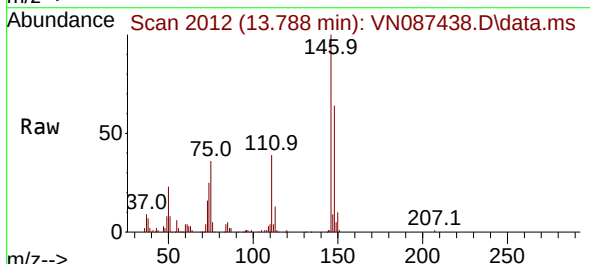
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

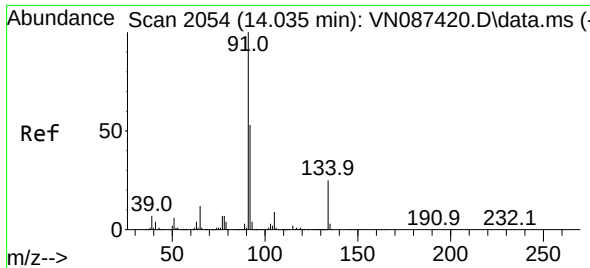
Tgt Ion:146 Resp: 121415
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.9 59.7
 148 63.1 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 18.660 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087438.D
 Acq: 30 Jul 2025 09:57

Tgt Ion:146 Resp: 122695
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.3
 148 64.1 31.4 94.2

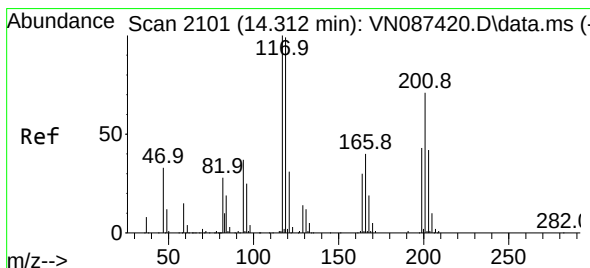
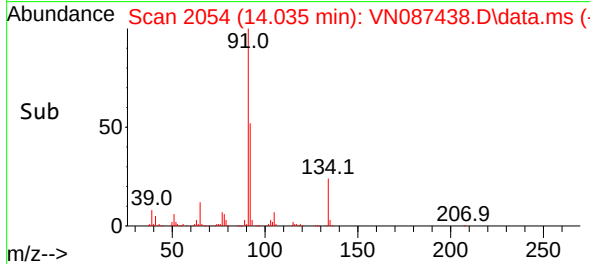
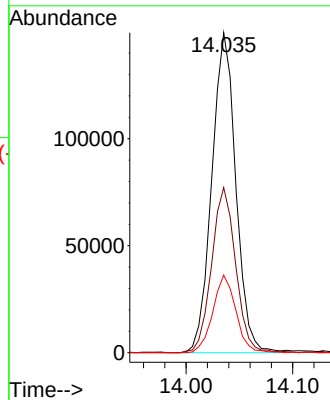
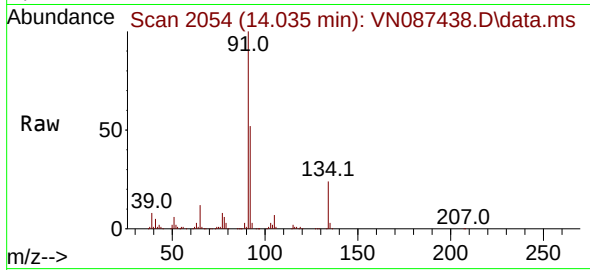




#85
n-Butylbenzene
Concen: 18.818 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

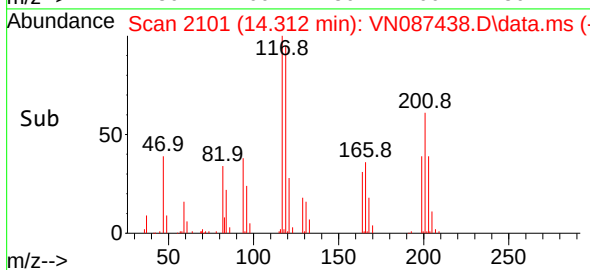
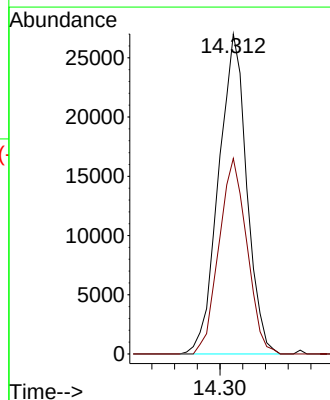
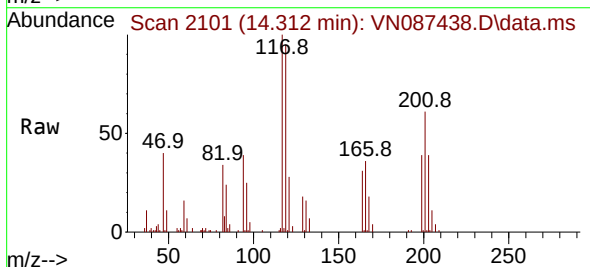
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

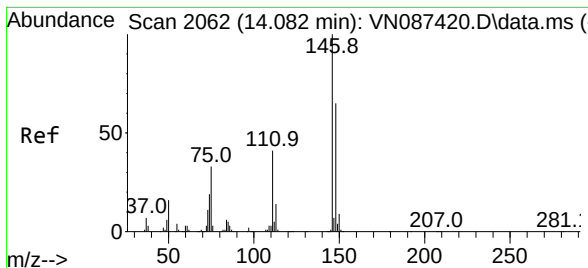
Tgt Ion: 91 Resp: 233841
Ion Ratio Lower Upper
91 100
92 51.5 0.0 104.8
134 23.3 0.0 49.0



#86
Hexachloroethane
Concen: 18.552 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion: 117 Resp: 46491
Ion Ratio Lower Upper
117 100
201 60.7 32.7 98.1





#87

1,2-Dichlorobenzene

Concen: 19.660 ug/l

RT: 14.088 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

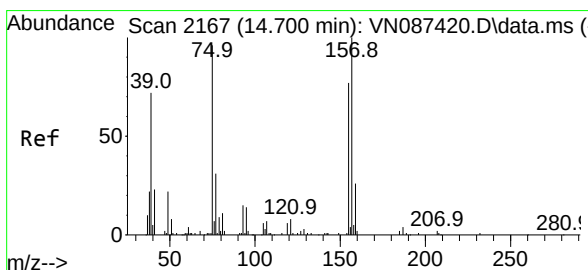
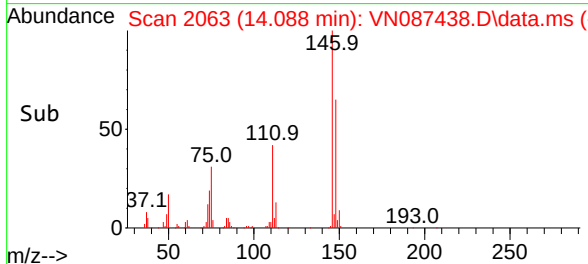
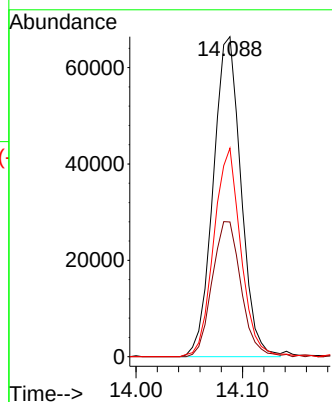
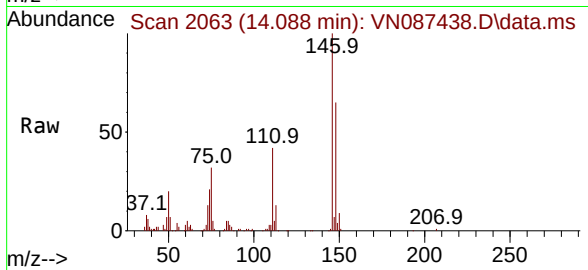
Tgt Ion:146 Resp: 120173

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 63.4 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.442 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

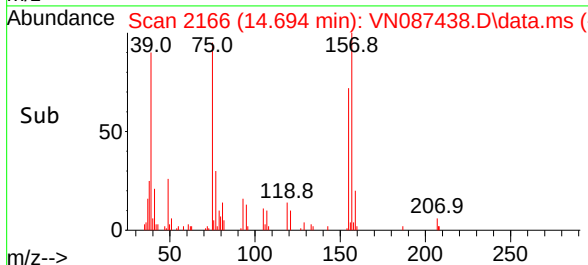
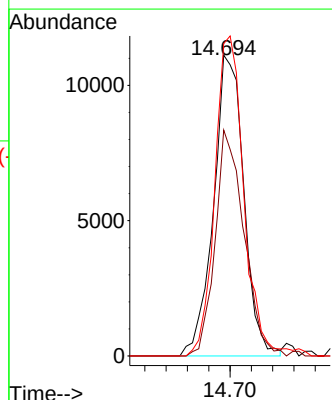
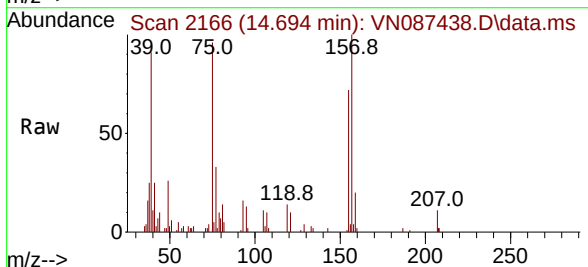
Tgt Ion: 75 Resp: 21882

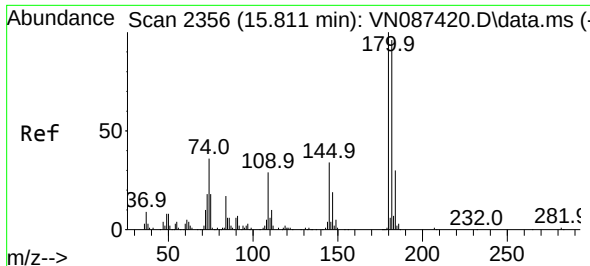
Ion Ratio Lower Upper

75 100

155 71.7 64.4 96.6

157 100.8 82.3 123.5

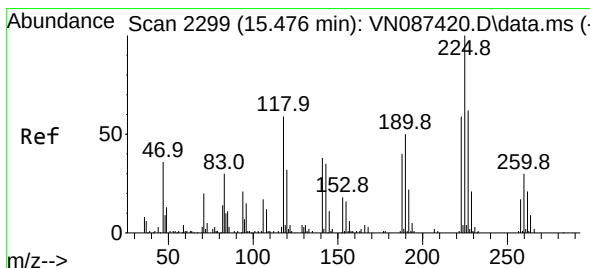
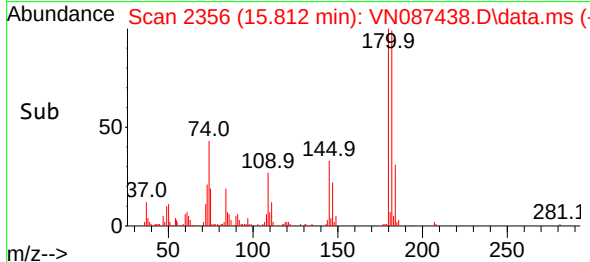
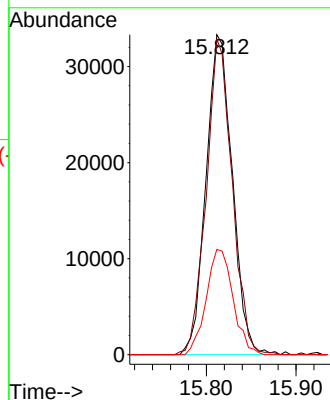
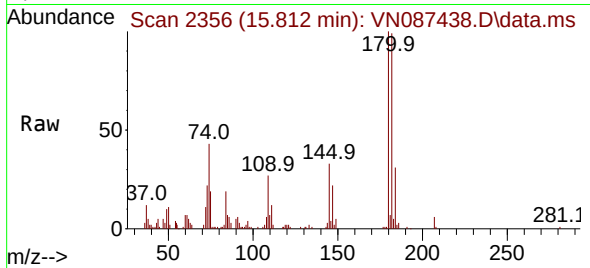




#89
1,2,4-Trichlorobenzene
Concen: 18.212 ug/l
RT: 15.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

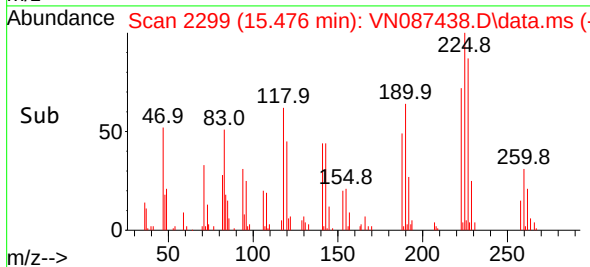
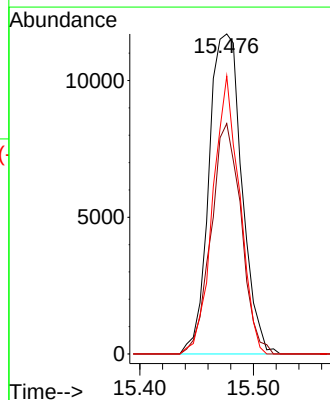
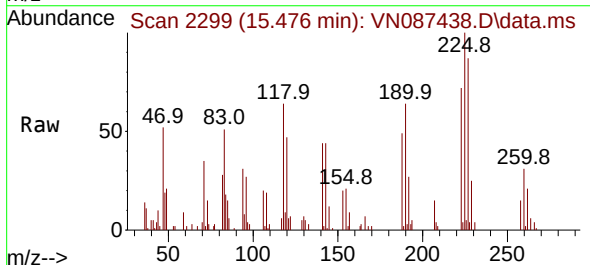
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBS01

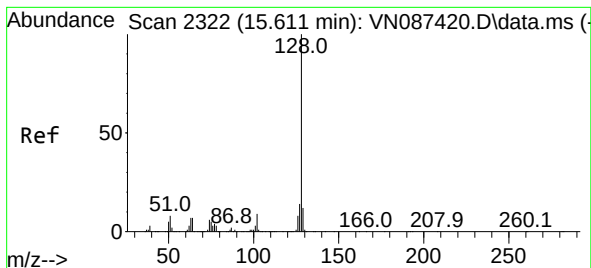
Tgt Ion:180 Resp: 67898
Ion Ratio Lower Upper
180 100
182 96.7 74.7 112.1
145 33.5 27.4 41.2



#90
Hexachlorobutadiene
Concen: 16.565 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087438.D
Acq: 30 Jul 2025 09:57

Tgt Ion:225 Resp: 23513
Ion Ratio Lower Upper
225 100
223 65.9 0.0 125.4
227 70.7 0.0 125.0





#91

Naphthalene

Concen: 19.050 ug/l

RT: 15.618 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VN0730WBS01

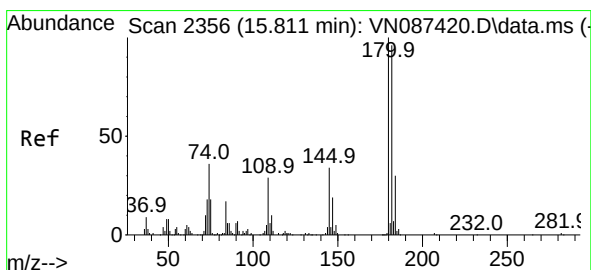
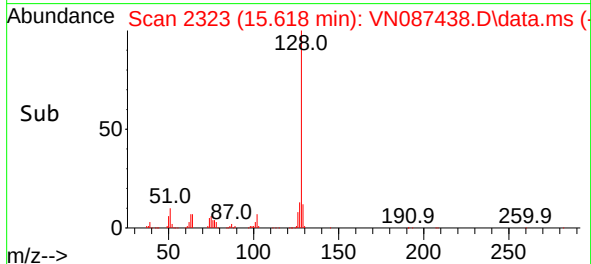
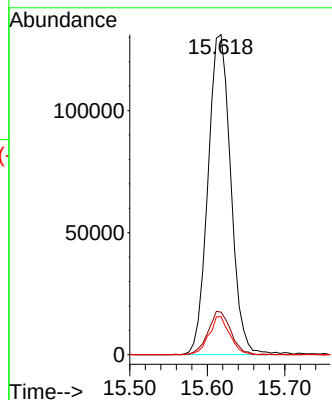
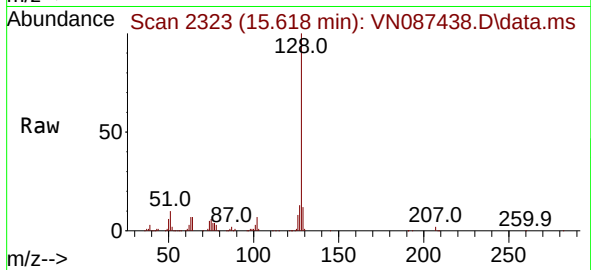
Tgt Ion:128 Resp: 268427

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.8 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 18.212 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087438.D

Acq: 30 Jul 2025 09:57

Tgt Ion:180 Resp: 67898

Ion Ratio Lower Upper

180 100

182 96.7 0.0 186.8

145 33.5 0.0 68.6

