

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
 Data File : VN086827.D
 Acq On : 30 May 2025 11:51
 Operator : JC\MD
 Sample : VN0530WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

Quant Time: May 31 03:44:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	52082	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	329263	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	277679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	115678	32.327	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.767%	
60) 4-Bromofluorobenzene	12.847	95	127610	29.271	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.567%	
63) Toluene-d8	10.565	98	385779	30.269	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67100	18.969	ug/l	100
3) Chloromethane	2.371	50	121106	26.554	ug/l	97
4) Vinyl Chloride	2.530	62	76254	18.168	ug/l	97
5) Bromomethane	2.983	94	33514	15.070	ug/l	93
6) Chloroethane	3.136	64	47982	18.691	ug/l	95
7) Trichlorofluoromethane	3.506	101	98212	19.979	ug/l	97
8) Diethyl Ether	3.942	74	42574	20.762	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	61868	20.536	ug/l	98
10) 1,1-Dichloroethene	4.324	96	63503	20.675	ug/l	98
11) Methyl Iodide	4.571	142	44826	12.380	ug/l	98
12) Methyl Acetate	5.006	43	67430	19.768	ug/l	96
13) Acrolein	4.165	56	43251	122.739	ug/l	100
14) Acrylonitrile	5.706	53	158967	100.147	ug/l	99
15) Acetone	4.412	58	43022	107.045	ug/l	92
16) Carbon Disulfide	4.695	76	168241	18.765	ug/l	98
17) Allyl chloride	5.006	41	94681	20.750	ug/l	96
18) Methylene Chloride	5.265	84	68651	19.246	ug/l	98
19) trans-1,2-Dichloroethene	5.771	96	64391	20.033	ug/l	96
20) Diisopropyl ether	6.665	45	211534	21.049	ug/l	99
21) 1,1-Dichloroethane	6.553	63	121650	20.058	ug/l	100
22) cis-1,2-Dichloroethene	7.477	96	79520	20.429	ug/l	99
23) tert-Butyl Alcohol	5.512	59	56999	111.820	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	218000	21.536	ug/l	100
25) Chloroform	7.959	83	118865	20.024	ug/l	100
26) Cyclohexane	8.247	56	109983	20.953	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	89208	18.427	ug/l	98
30) 2-Butanone	7.477	43	202680	95.552	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	104957	18.703	ug/l	99
33) Carbon Tetrachloride	8.353	117	88526	18.454	ug/l	95
34) Benzene	8.600	78	286473	18.187	ug/l	98
35) Methacrylonitrile	7.765	41	47421	19.462	ug/l	96
36) 1,2-Dichloroethane	8.665	62	85856	18.601	ug/l	100
37) Trichloroethene	9.347	130	71883	16.452	ug/l	94
38) Methylcyclohexane	9.594	83	106534	19.834	ug/l	98
39) 1,2-Dichloropropane	9.618	63	69866	18.424	ug/l	98
40) Dibromomethane	9.706	93	45009	18.147	ug/l	96
41) Bromodichloromethane	9.882	83	95927	18.476	ug/l	95
42) Vinyl Acetate	6.589	43	663647	107.336	ug/l	99
43) Ethyl Acetate	7.553	43	85794	19.767	ug/l	97

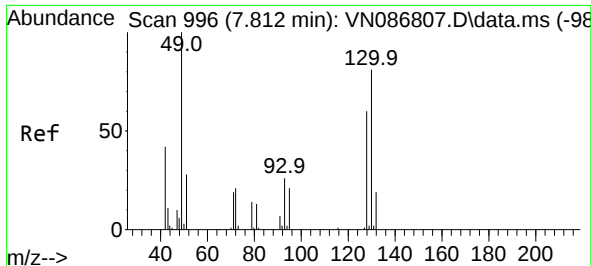
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.683	43	146930	19.734	ug/l	99
45) 1,4-Dioxane	9.694	88	24736	373.781	ug/l	98
46) Methyl methacrylate	9.677	41	68930	20.078	ug/l	98
47) n-amyl Acetate	12.500	43	112539	18.827	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	107113	19.279	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	115649	18.925	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	64757	18.538	ug/l	95
51) Ethyl methacrylate	10.871	69	108851	19.240	ug/l	96
52) 1,3-Dichloropropane	11.159	76	111283	17.950	ug/l	99
53) Dibromochloromethane	11.359	129	72354	18.329	ug/l	99
54) 1,2-Dibromoethane	11.465	107	66104	18.512	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	281708	103.733	ug/l	99
56) Bromoform	12.576	173	45885	18.448	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	405217	99.453	ug/l	99
59) 2-Hexanone	11.200	43	267877	91.784	ug/l	99
61) Tetrachloroethene	11.100	164	73006	15.641	ug/l	93
62) Toluene	10.629	91	305486	19.534	ug/l	100
64) Chlorobenzene	11.888	112	187231	18.773	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	64069	19.554	ug/l	98
66) Ethyl Benzene	11.959	91	328982	19.449	ug/l	97
67) m/p-Xylenes	12.071	106	250981	37.811	ug/l	99
68) o-Xylene	12.394	106	124493	19.352	ug/l	99
69) Styrene	12.406	104	205653	19.188	ug/l	100
70) Isopropylbenzene	12.694	105	299128	19.550	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	83141	22.855	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	118891	27.886	ug/l	56
73) Bromobenzene	12.976	156	68798	18.091	ug/l	98
74) n-propylbenzene	13.035	91	342794	18.914	ug/l	100
75) 2-Chlorotoluene	13.123	91	213511	18.355	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	241846	19.000	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	37503	21.495	ug/l	94
78) 4-Chlorotoluene	13.218	91	210729	18.288	ug/l	100
79) tert-butylbenzene	13.435	119	211349	19.205	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	244130	19.108	ug/l	100
81) sec-Butylbenzene	13.612	105	282222	18.824	ug/l	99
82) p-Isopropyltoluene	13.723	119	237542	18.869	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	124148	17.795	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	125428	18.066	ug/l	100
85) n-Butylbenzene	14.053	91	202613	19.225	ug/l	98
86) Hexachloroethane	14.329	117	41190	19.198	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	121239	18.015	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	17625	23.007	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	61238	21.742	ug/l	98
90) Hexachlorobutadiene	15.500	225	22599	18.721	ug/l	97
91) Naphthalene	15.641	128	230603	23.466	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	61238	21.742	ug/l	98

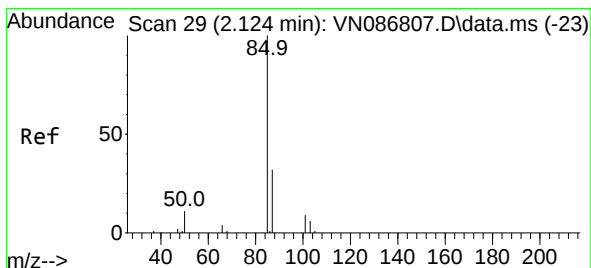
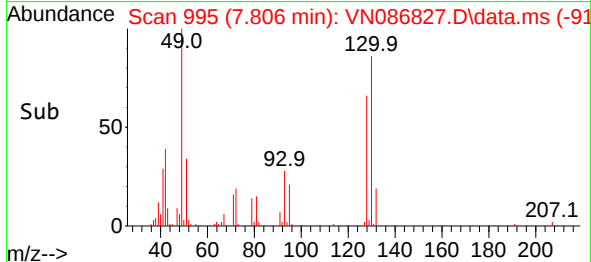
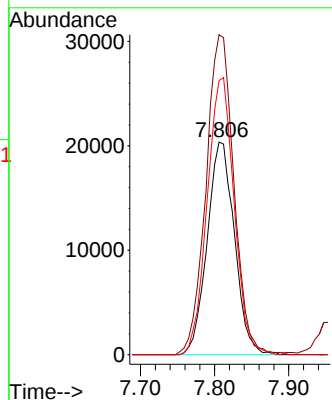
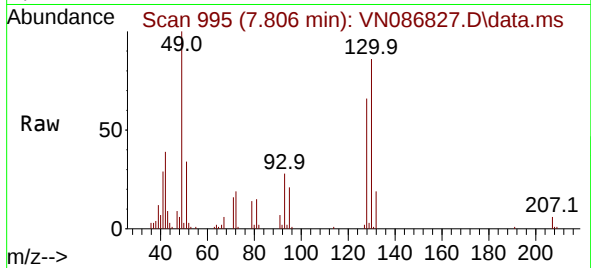
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

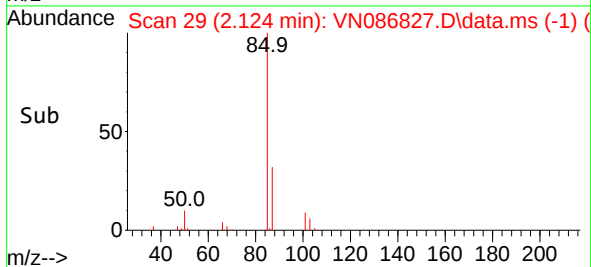
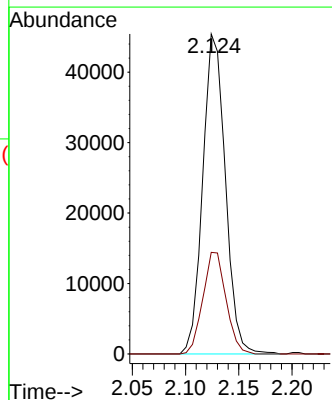
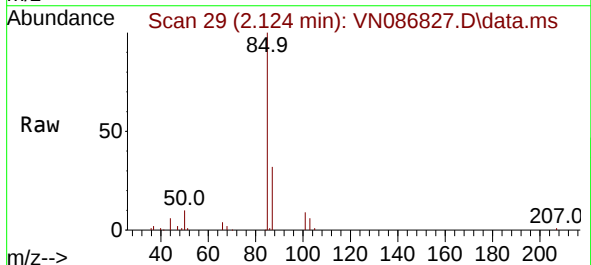
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

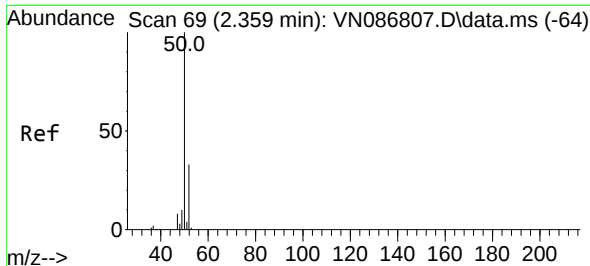
Tgt Ion:128 Resp: 52082
Ion Ratio Lower Upper
128 100
49 154.0 0.0 404.5
130 129.0 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 18.969 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 85 Resp: 67100
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7

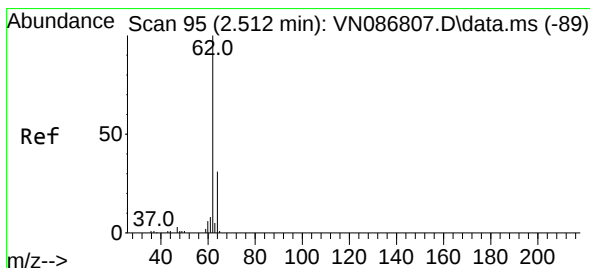
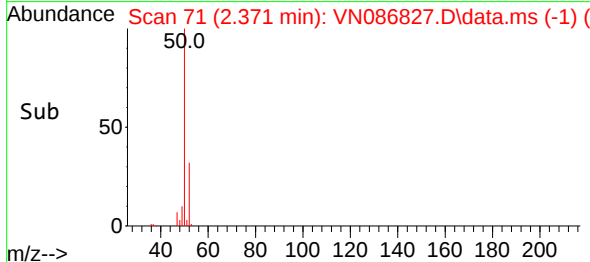
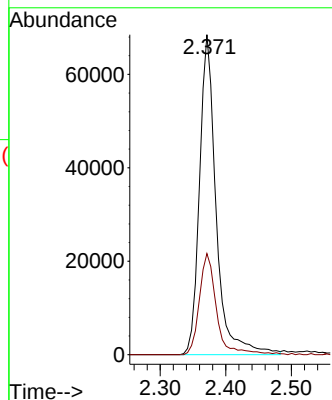
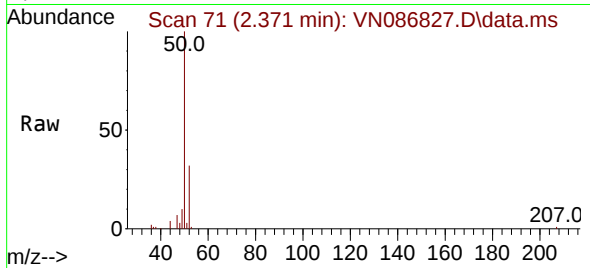




#3
Chloromethane
Concen: 26.554 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

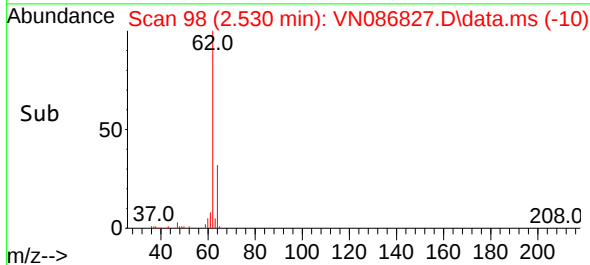
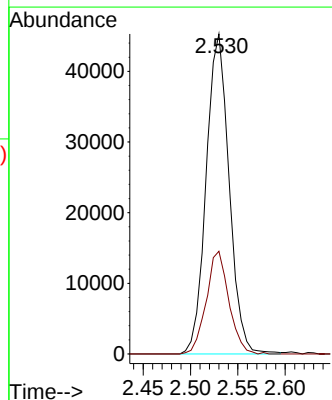
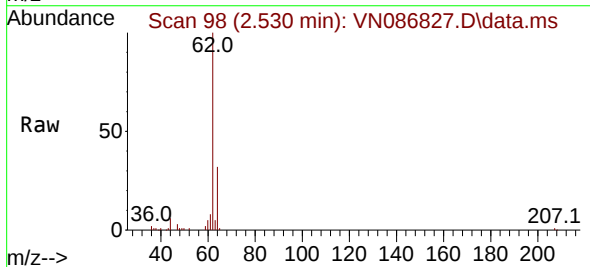
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

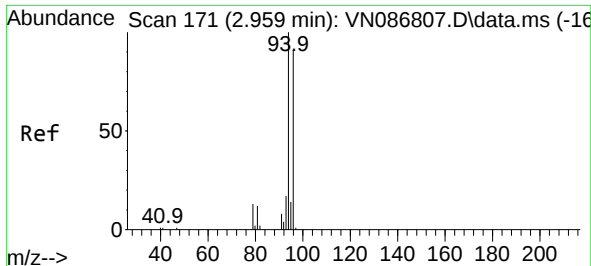
Tgt Ion: 50 Resp: 121106
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 18.168 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 62 Resp: 76254
Ion Ratio Lower Upper
62 100
64 32.1 24.6 36.8

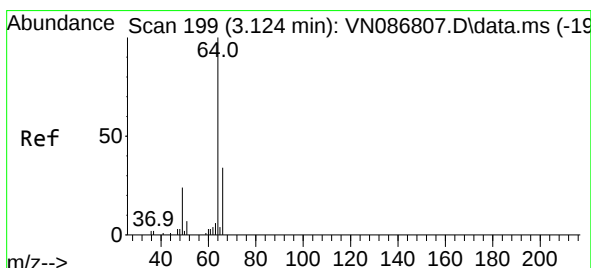
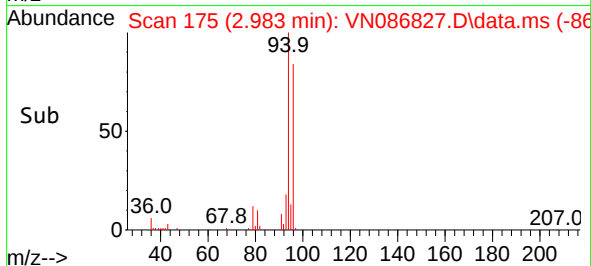
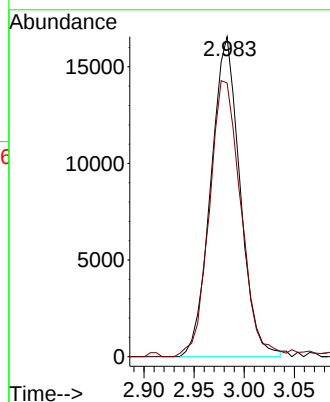
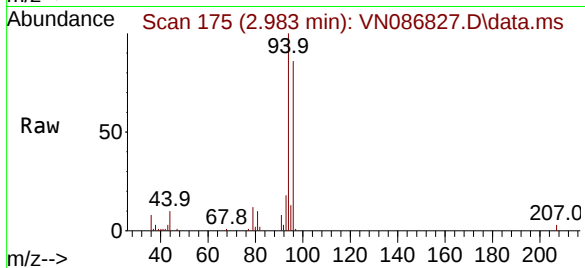




#5
Bromomethane
Concen: 15.070 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

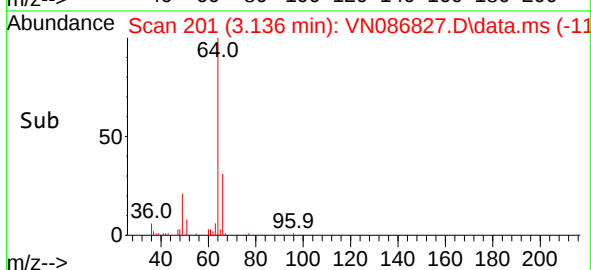
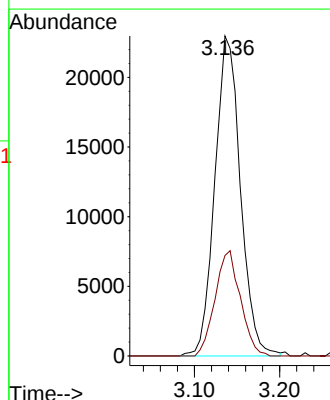
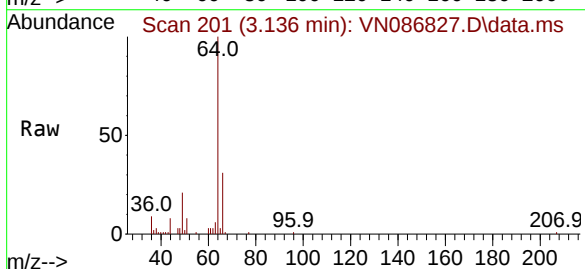
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ClientSampleId :
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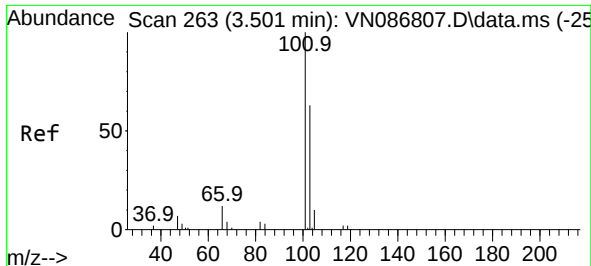
Tgt Ion: 94 Resp: 33514
Ion Ratio Lower Upper
94 100
96 84.5 72.7 109.1



#6
Chloroethane
Concen: 18.691 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 64 Resp: 47982
Ion Ratio Lower Upper
64 100
66 31.4 27.5 41.3

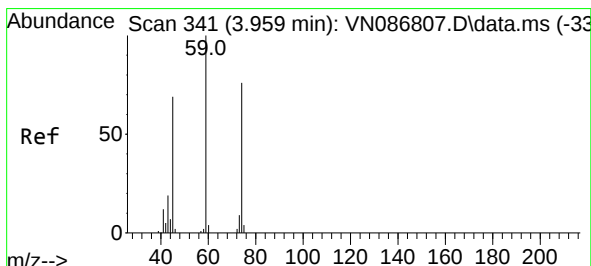
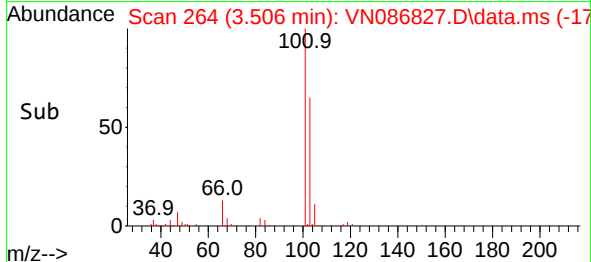
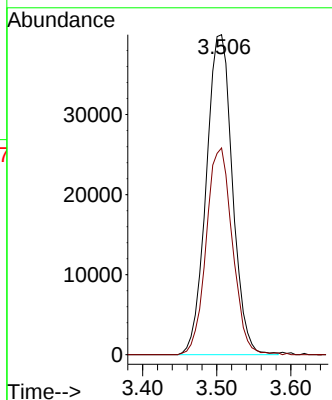
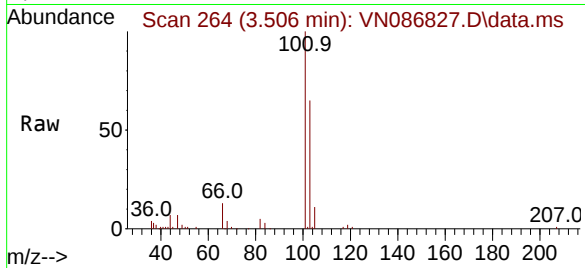




#7
 Trichlorofluoromethane
 Concen: 19.979 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

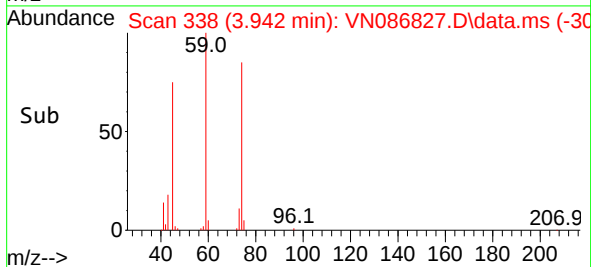
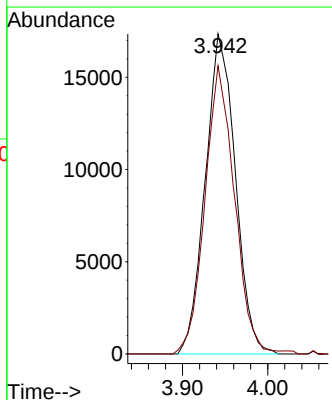
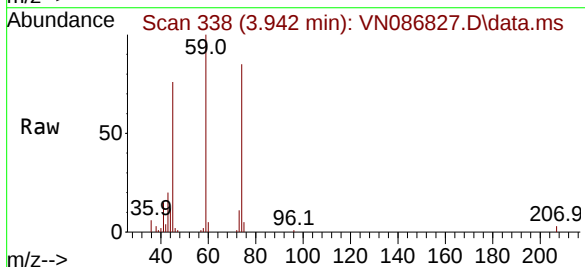
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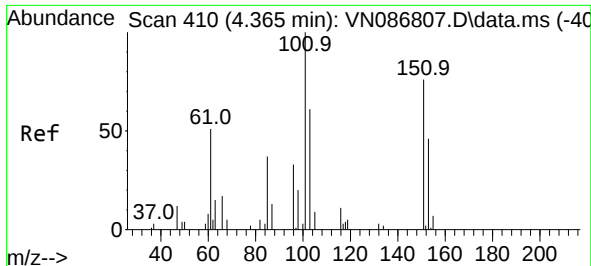
Tgt Ion:101 Resp: 98212
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.0 75.0



#8
 Diethyl Ether
 Concen: 20.762 ug/l
 RT: 3.942 min Scan# 338
 Delta R.T. -0.018 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Tgt Ion: 74 Resp: 42574
 Ion Ratio Lower Upper
 74 100
 45 88.2 17.9 161.5

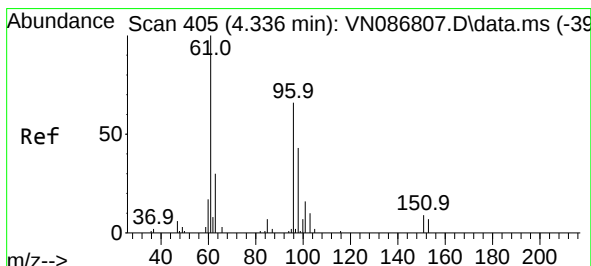
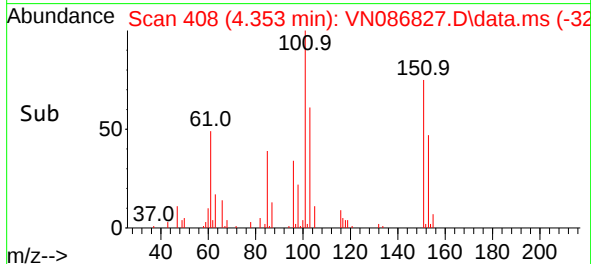
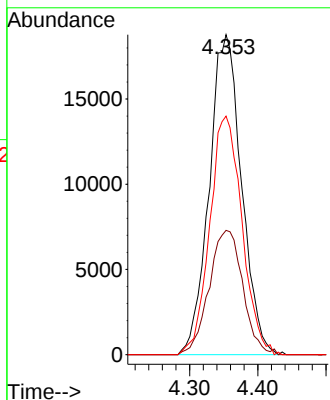
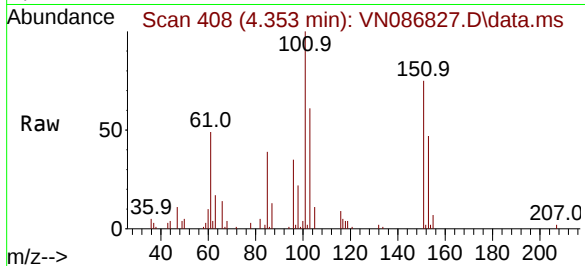




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.536 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

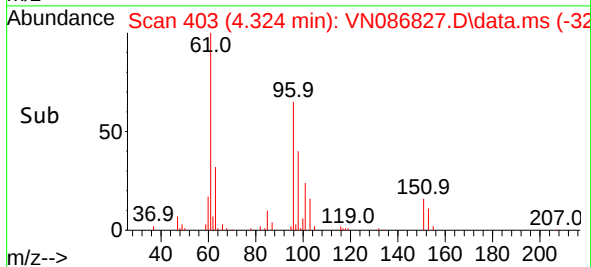
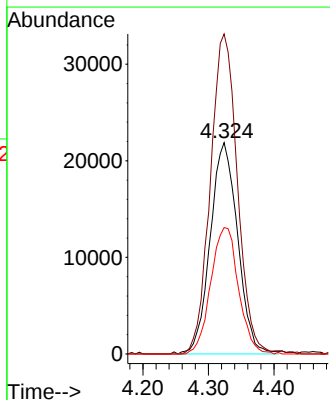
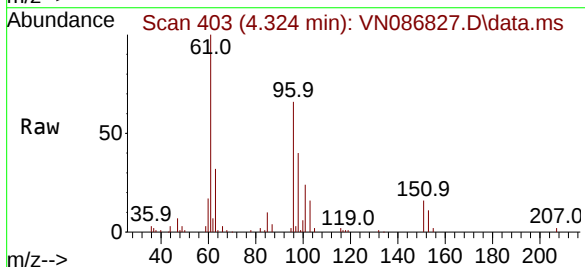
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

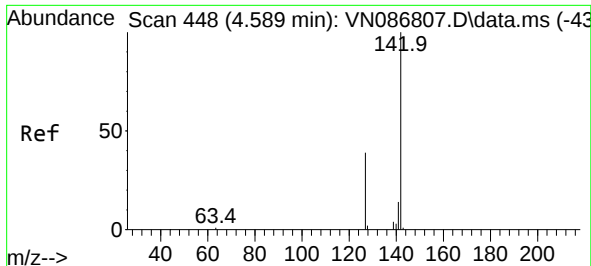
Tgt Ion:101 Resp: 61868
Ion Ratio Lower Upper
101 100
85 40.4 0.0 83.2
151 74.3 0.0 145.6



#10
1,1-Dichloroethene
Concen: 20.675 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 96 Resp: 63503
Ion Ratio Lower Upper
96 100
61 151.4 121.7 182.5
98 59.8 51.9 77.9

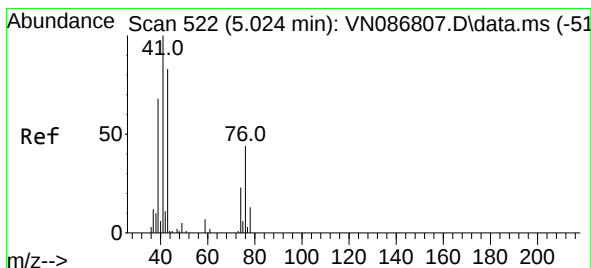
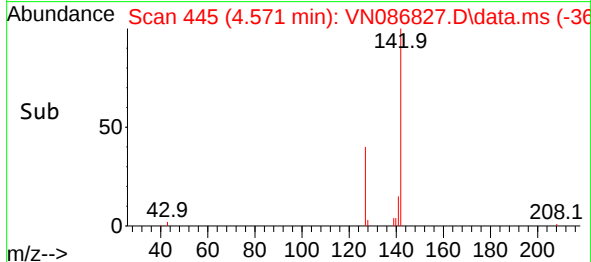
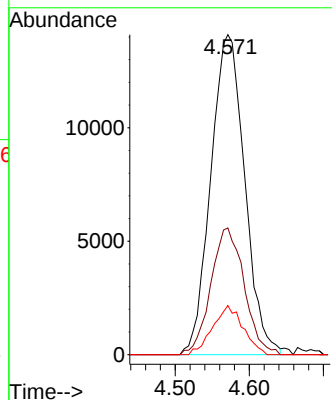
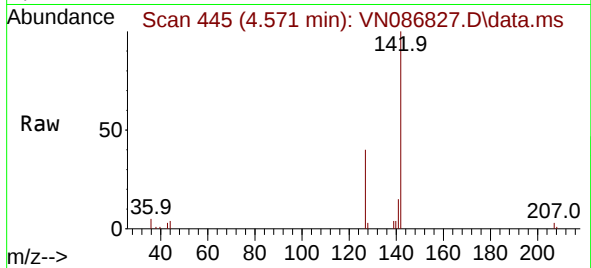




#11
Methyl Iodide
Concen: 12.380 ug/l
RT: 4.571 min Scan# 448
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

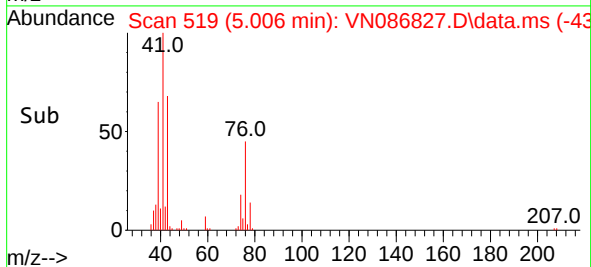
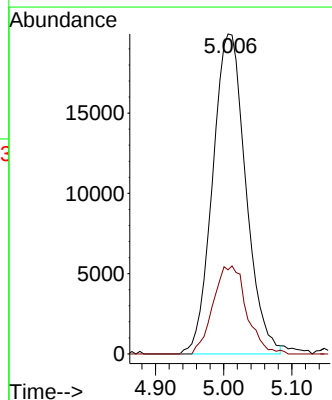
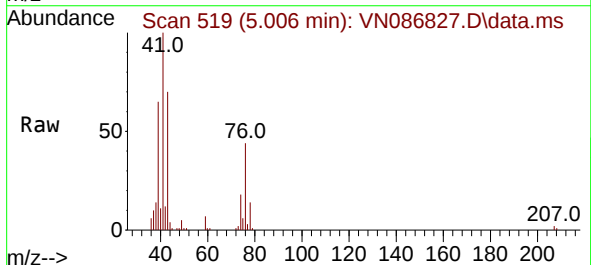
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

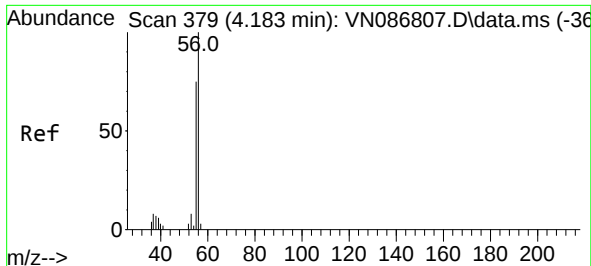
Tgt Ion:142 Resp: 44826
Ion Ratio Lower Upper
142 100
127 40.0 19.5 58.5
141 15.5 7.1 21.4



#12
Methyl Acetate
Concen: 19.768 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 43 Resp: 67430
Ion Ratio Lower Upper
43 100
74 26.1 22.7 34.1





#13

Acrolein

Concen: 122.739 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

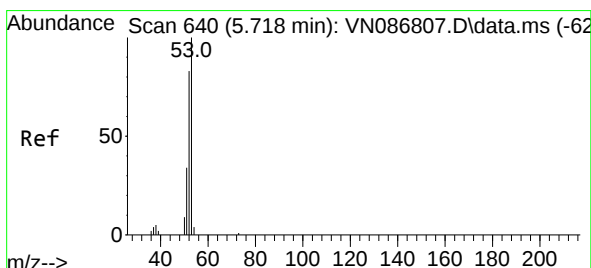
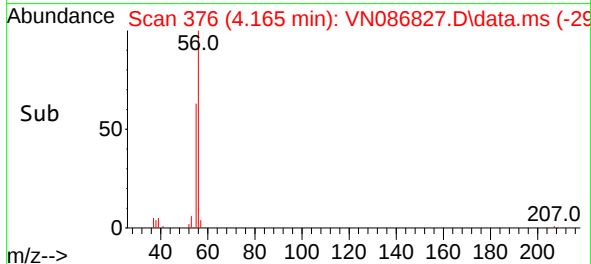
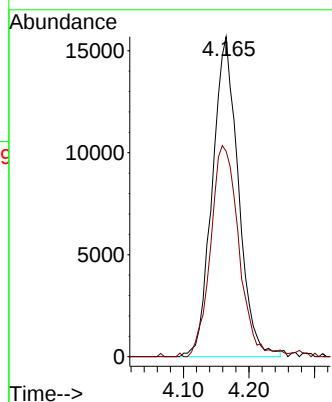
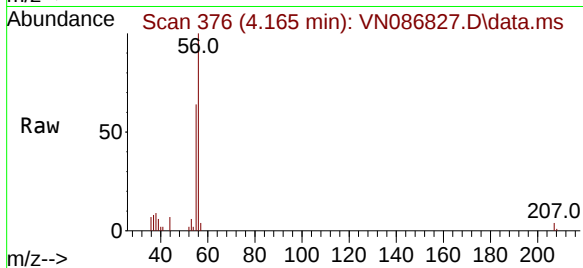
VN0530WBS01

Tgt Ion: 56 Resp: 43251

Ion Ratio Lower Upper

56 100

55 70.2 55.9 83.9



#14

Acrylonitrile

Concen: 100.147 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.012 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

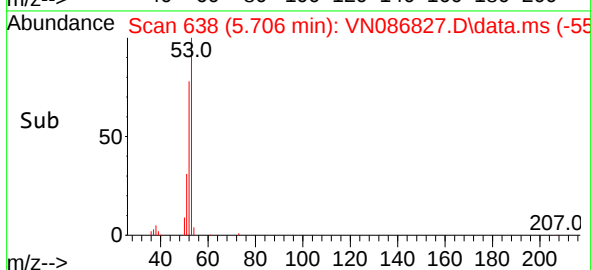
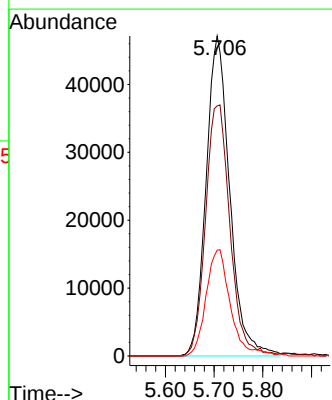
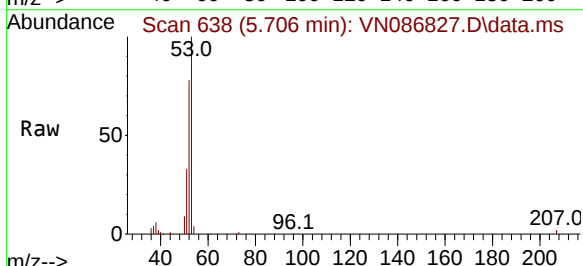
Tgt Ion: 53 Resp: 158967

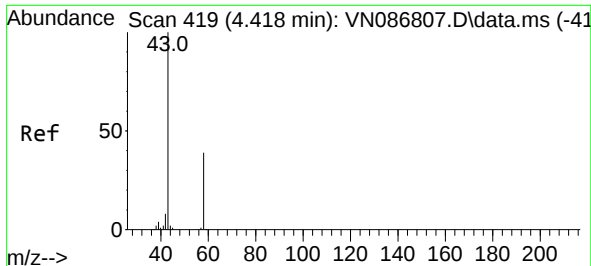
Ion Ratio Lower Upper

53 100

52 79.8 40.0 119.9

51 32.9 17.5 52.6





#15

Acetone

Concen: 107.045 ug/l

RT: 4.412 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

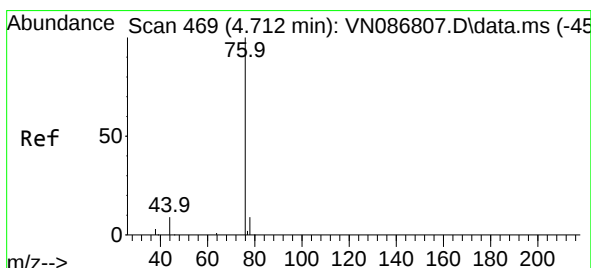
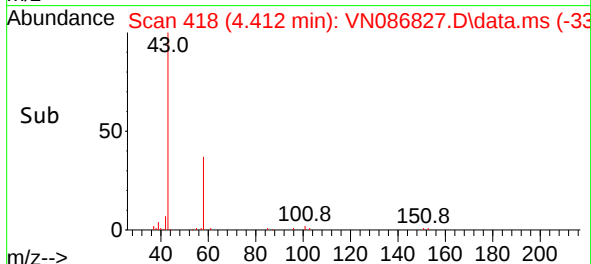
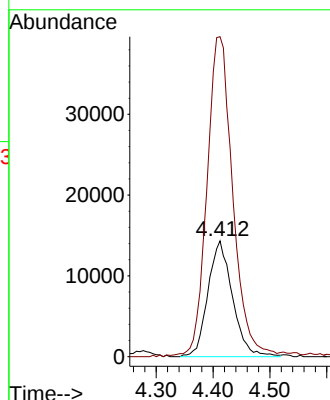
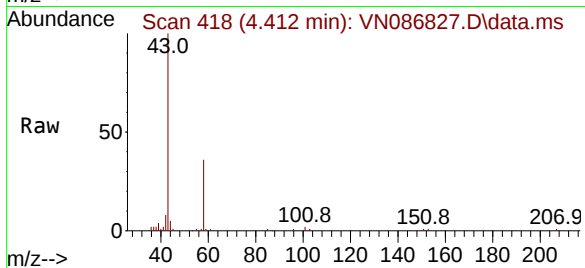
VN0530WBS01

Tgt Ion: 58 Resp: 43022

Ion Ratio Lower Upper

58 100

43 273.6 207.7 311.5



#16

Carbon Disulfide

Concen: 18.765 ug/l

RT: 4.695 min Scan# 466

Delta R.T. -0.018 min

Lab File: VN086827.D

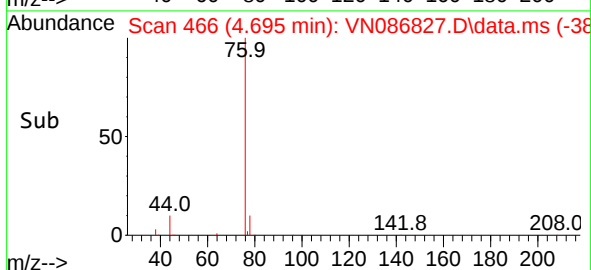
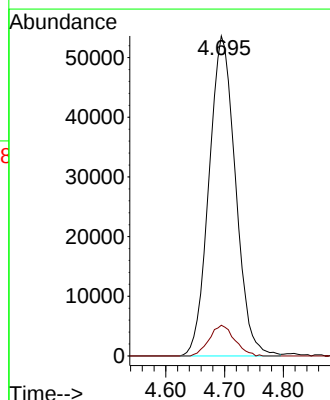
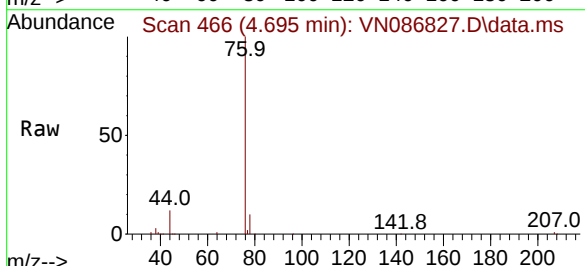
Acq: 30 May 2025 11:51

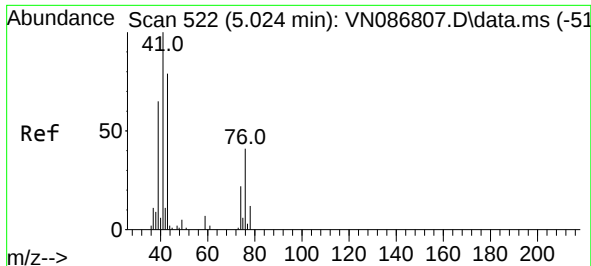
Tgt Ion: 76 Resp: 168241

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

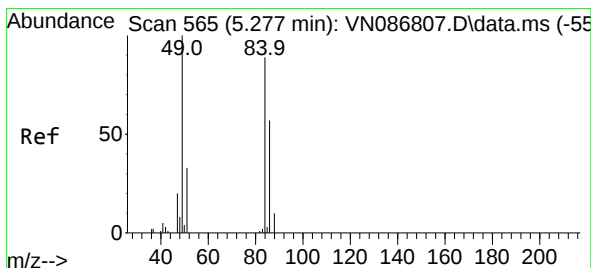
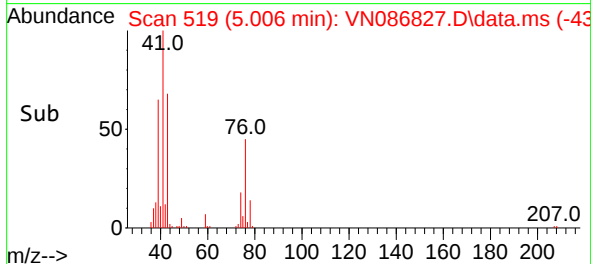
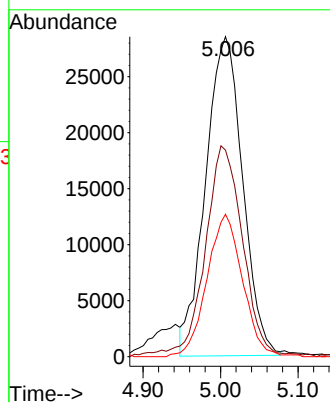
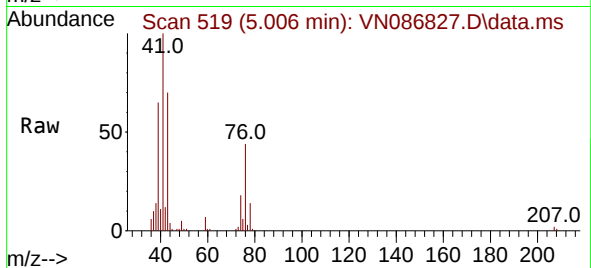




#17
 Allyl chloride
 Concen: 20.750 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.018 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

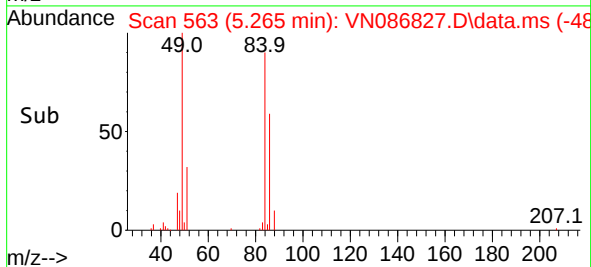
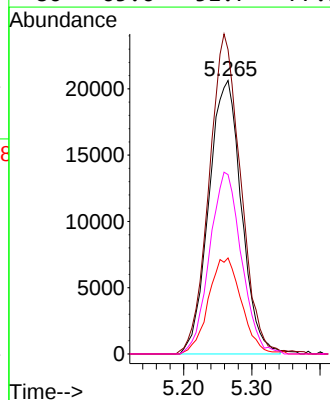
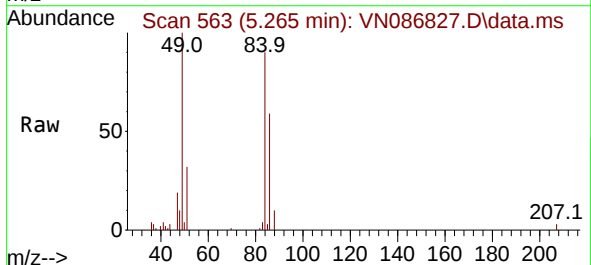
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

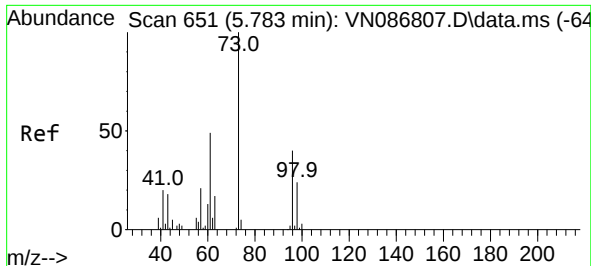
Tgt Ion:	41	Resp:	94681
Ion	Ratio	Lower	Upper
41	100		
39	64.4	31.6	94.8
76	44.6	20.1	60.2



#18
 Methylene Chloride
 Concen: 19.246 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Tgt Ion:	84	Resp:	68651
Ion	Ratio	Lower	Upper
84	100		
49	110.1	89.9	134.9
51	35.1	29.6	44.4
86	65.6	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 20.033 ug/l

RT: 5.771 min Scan# 64

Delta R.T. -0.012 min

Lab File: VN086827.D

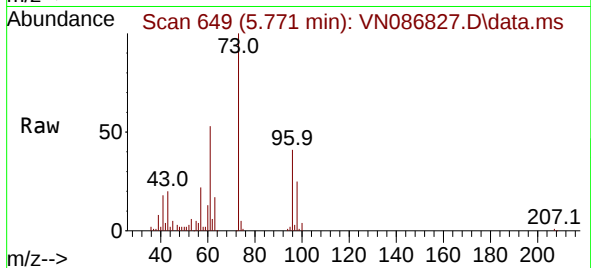
Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01



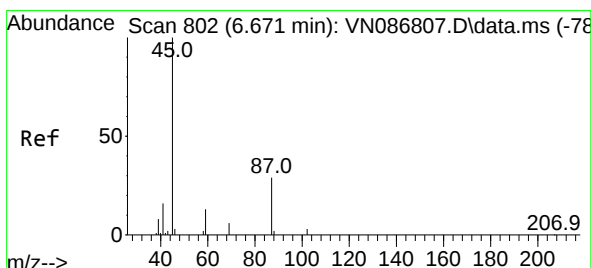
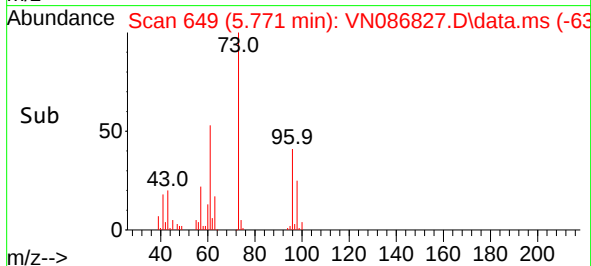
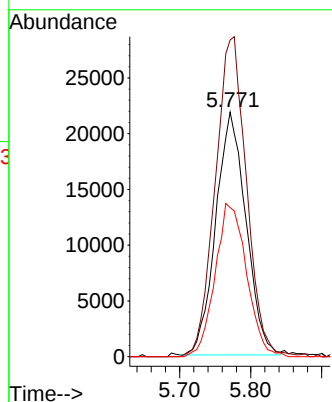
Tgt Ion: 96 Resp: 64391

Ion	Ratio	Lower	Upper
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96	100		
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61	130.3	98.9	148.3
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98	61.4	49.0	73.4
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#20

Diisopropyl ether

Concen: 21.049 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Tgt Ion: 45 Resp: 211534

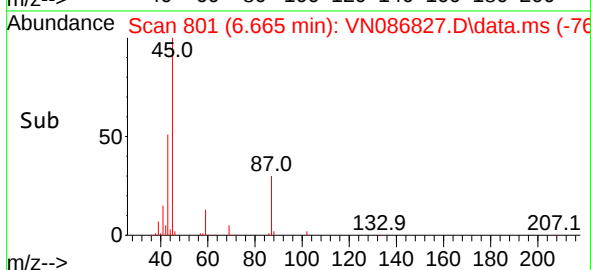
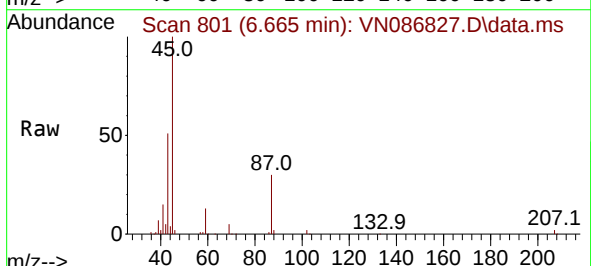
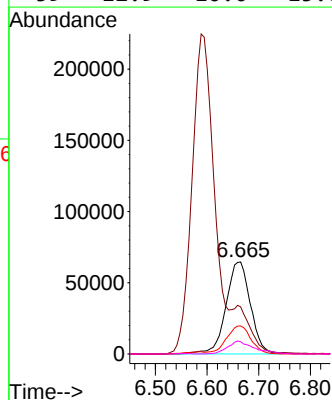
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

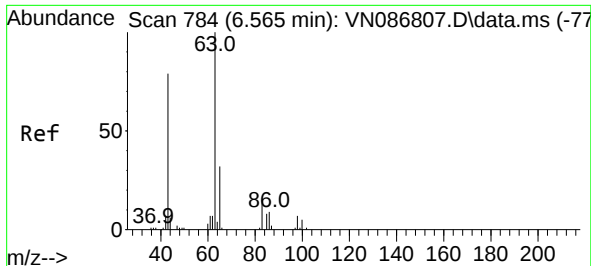
45	100		
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43	49.9	40.3	60.5
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87	30.5	24.1	36.1
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59	12.9	10.0	15.0
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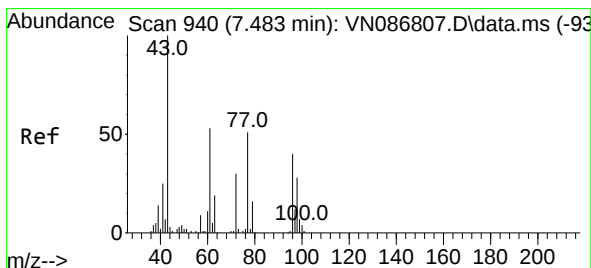
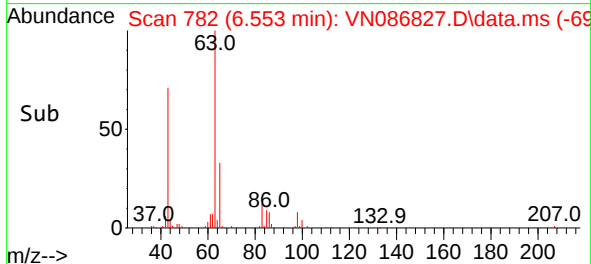
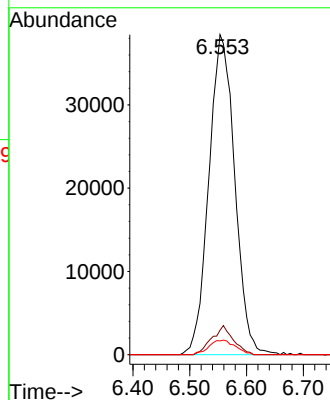
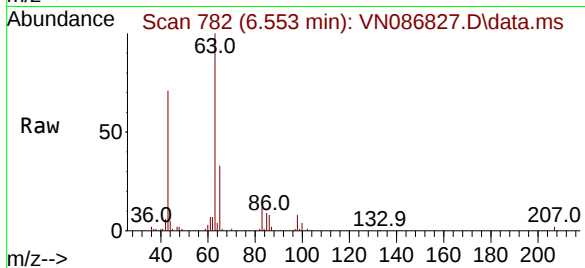




#21
1,1-Dichloroethane
Concen: 20.058 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

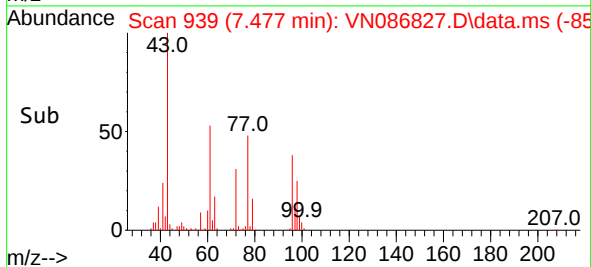
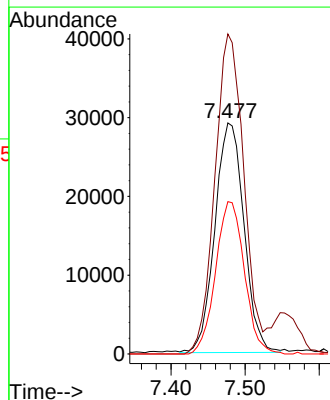
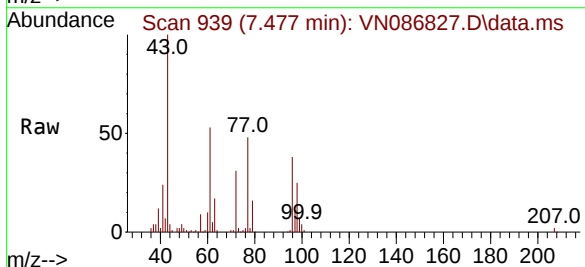
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

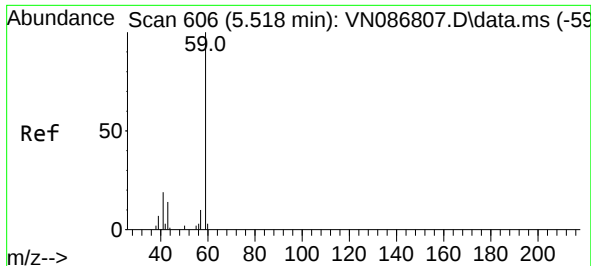
Tgt Ion: 63 Resp: 121650
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 4.3 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 96 Resp: 79520
Ion Ratio Lower Upper
96 100
61 138.0 110.7 166.1
98 65.5 51.8 77.8

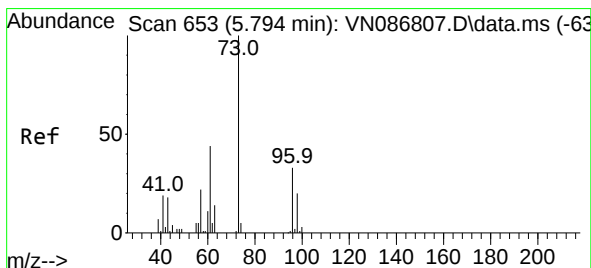
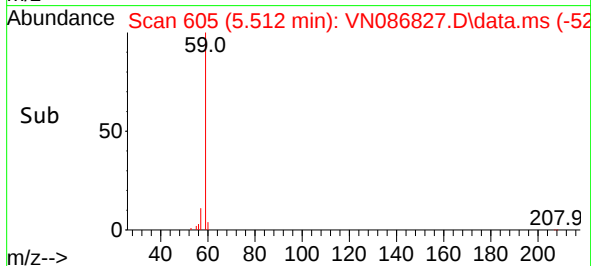
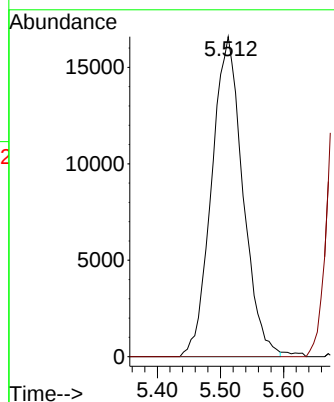
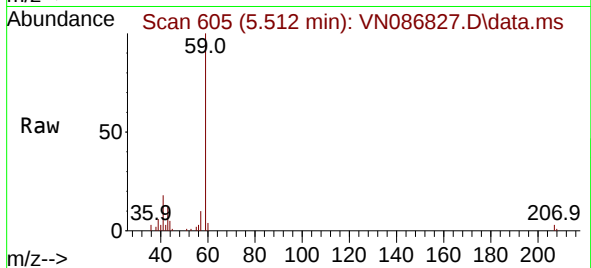




#23
tert-Butyl Alcohol
Concen: 111.820 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

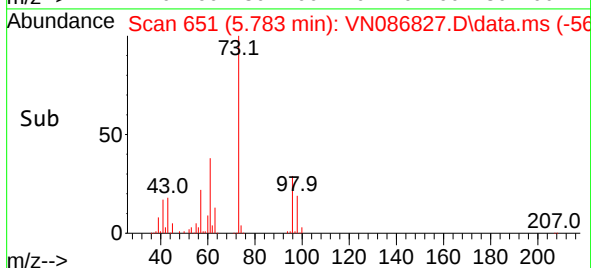
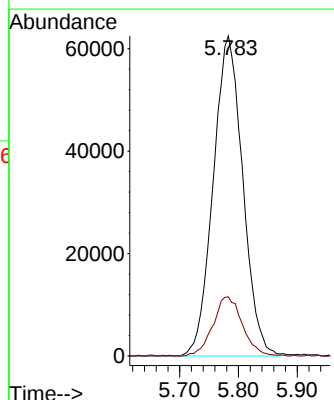
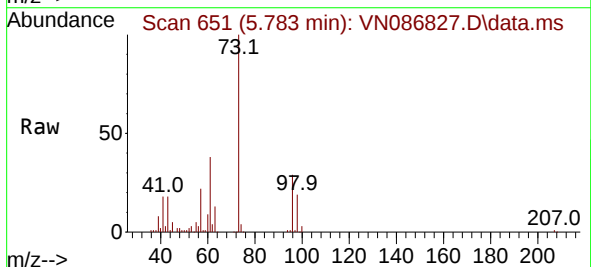
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

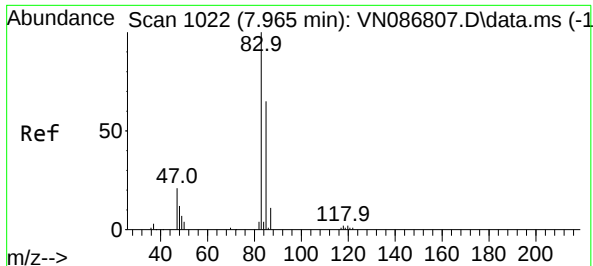
Tgt Ion: 59 Resp: 56999
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.536 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 73 Resp: 218000
Ion Ratio Lower Upper
73 100
43 18.4 14.6 22.0





#25

Chloroform

Concen: 20.024 ug/l

RT: 7.959 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

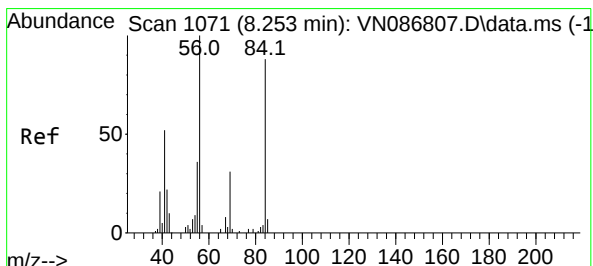
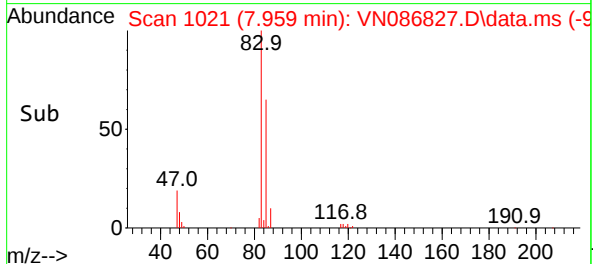
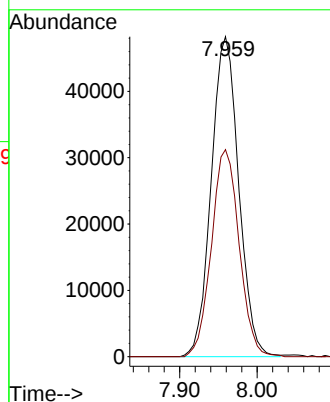
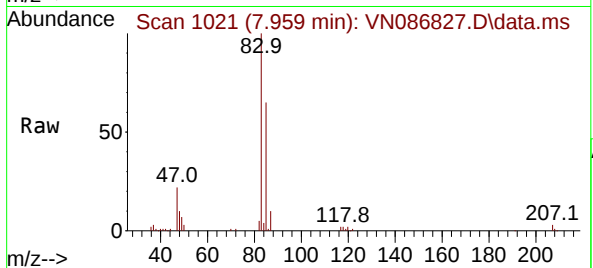
VN0530WBS01

Tgt Ion: 83 Resp: 118865

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8



#26

Cyclohexane

Concen: 20.953 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

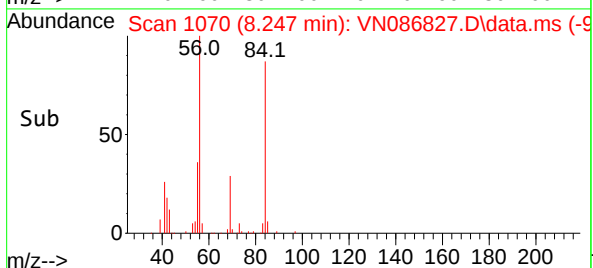
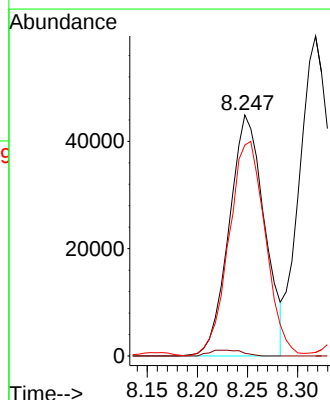
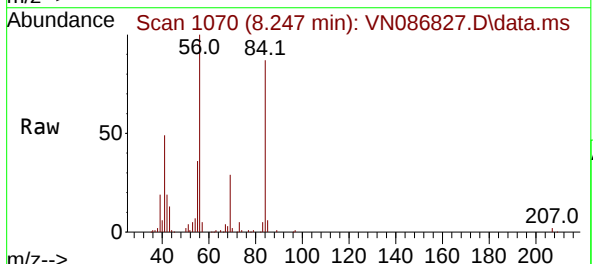
Tgt Ion: 56 Resp: 109983

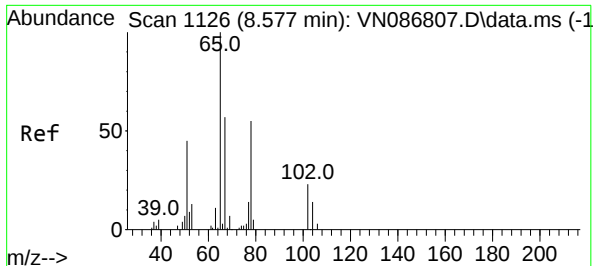
Ion Ratio Lower Upper

56 100

89 2.3 0.0 0.0#

84 92.1 70.4 105.6

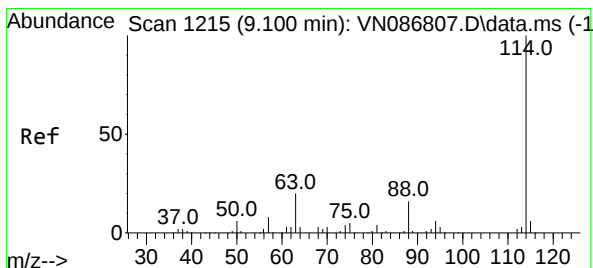
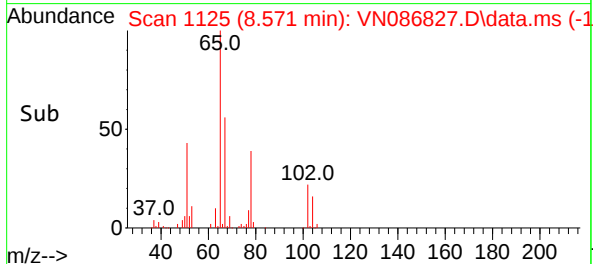
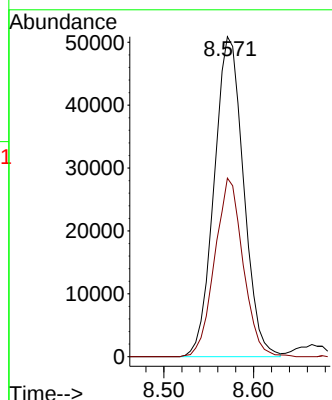
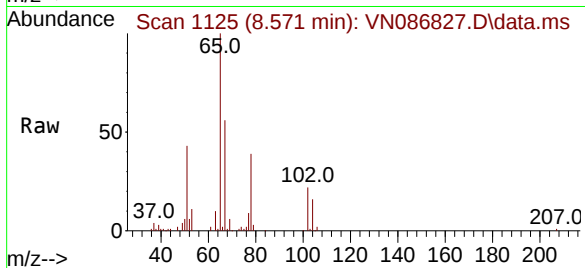




#27
1,2-Dichloroethane-d4
Concen: 32.327 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

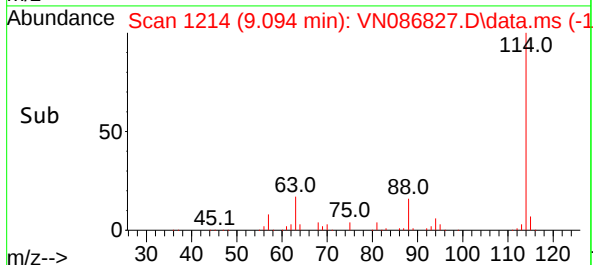
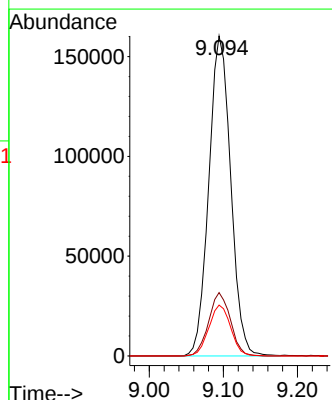
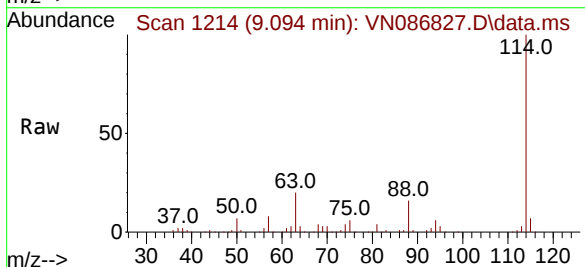
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

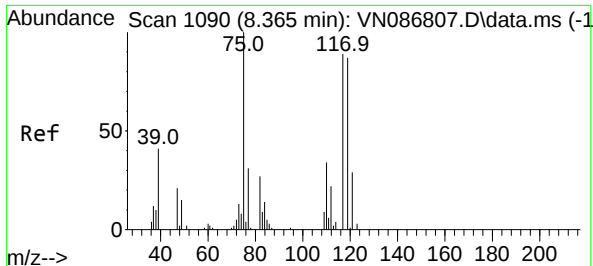
Tgt Ion: 65 Resp: 115678
Ion Ratio Lower Upper
65 100
67 53.8 44.6 67.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 114 Resp: 329263
Ion Ratio Lower Upper
114 100
63 19.6 15.8 23.8
88 15.9 12.9 19.3





#29

1,1-Dichloropropene

Concen: 18.427 ug/l

RT: 8.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

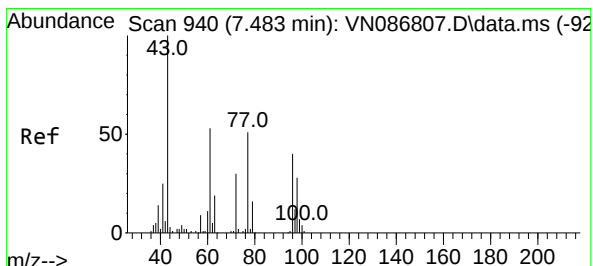
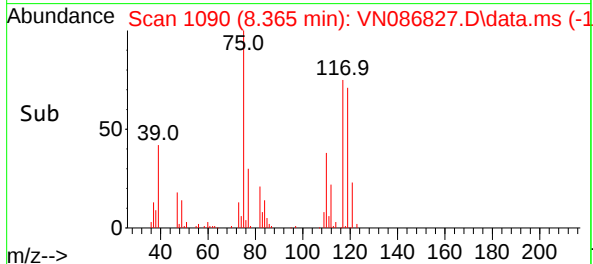
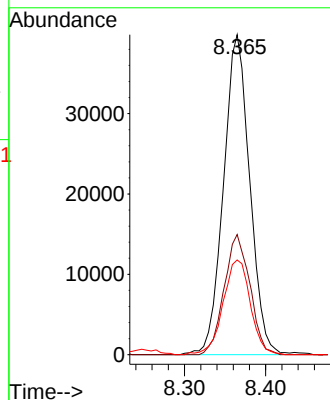
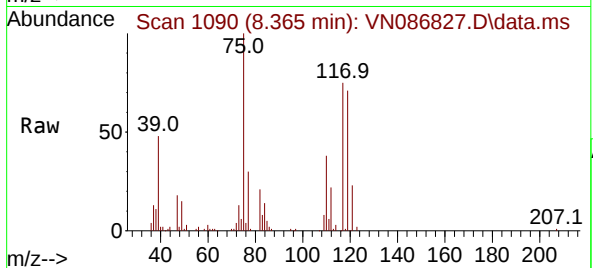
Tgt Ion: 75 Resp: 89208

Ion Ratio Lower Upper

75 100

110 36.9 0.0 71.0

77 30.7 0.0 62.4



#30

2-Butanone

Concen: 95.552 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

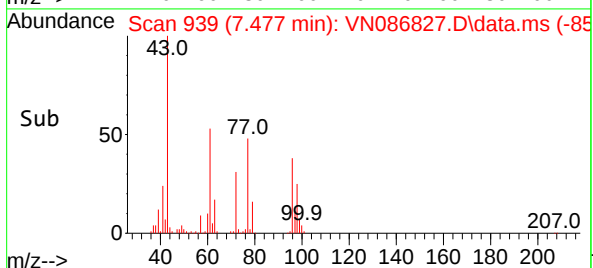
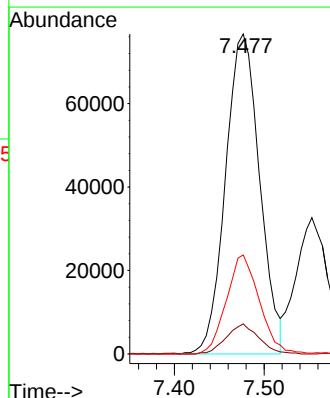
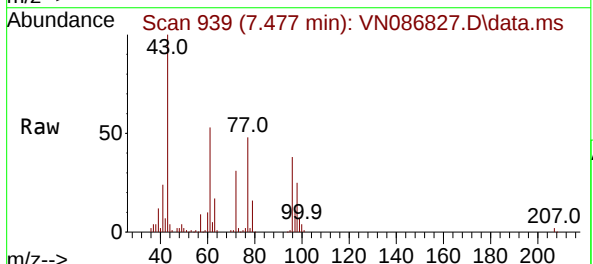
Tgt Ion: 43 Resp: 202680

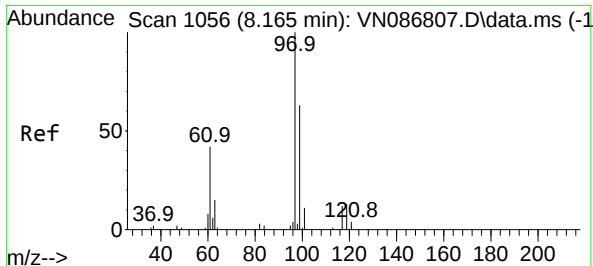
Ion Ratio Lower Upper

43 100

57 8.9 6.8 10.2

72 29.8 23.4 35.0





#32

1,1,1-Trichloroethane

Concen: 18.703 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

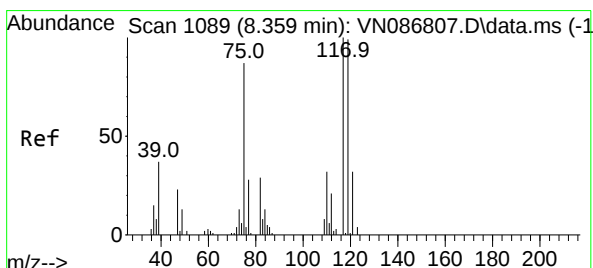
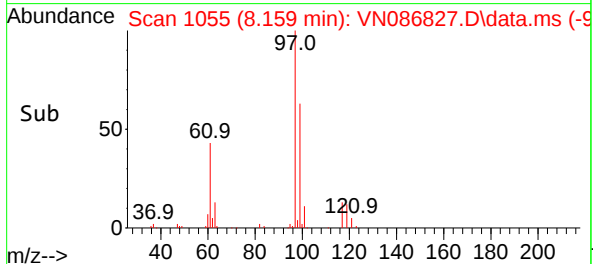
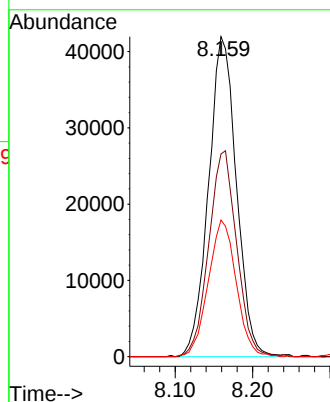
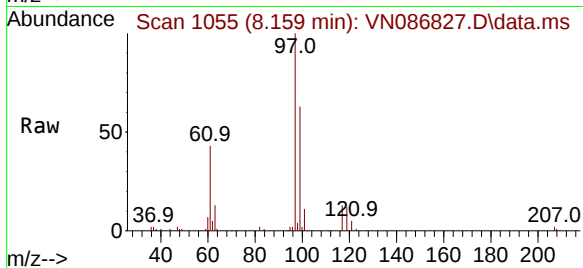
Tgt Ion: 97 Resp: 104957

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 42.8 35.4 53.2



#33

Carbon Tetrachloride

Concen: 18.454 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

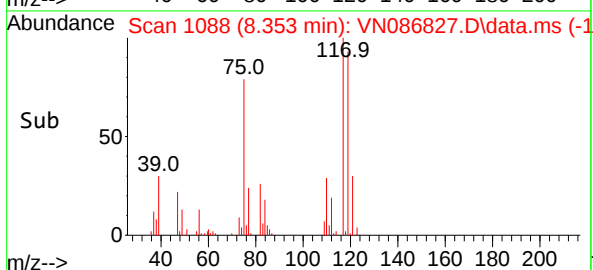
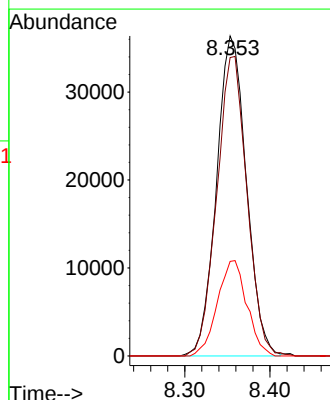
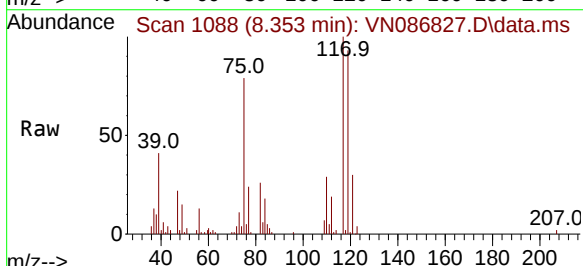
Tgt Ion: 117 Resp: 88526

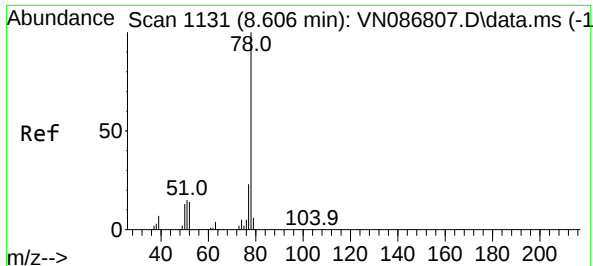
Ion Ratio Lower Upper

117 100

119 93.2 79.2 118.8

121 29.5 25.6 38.4

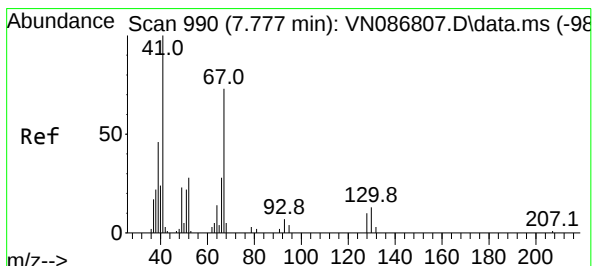
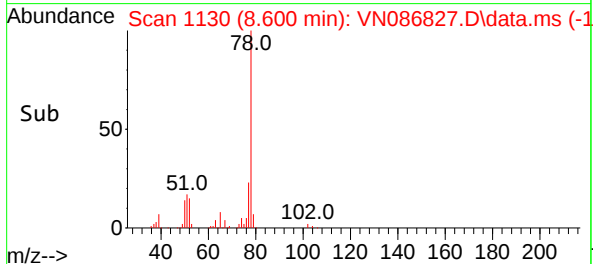
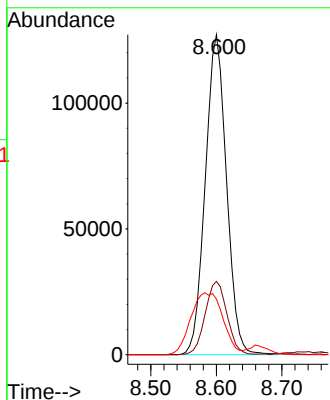
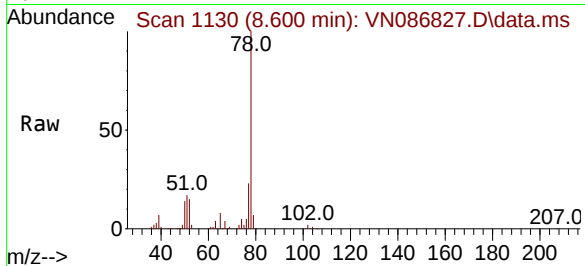




#34
Benzene
Concen: 18.187 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

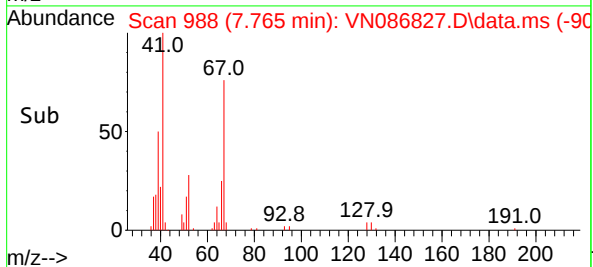
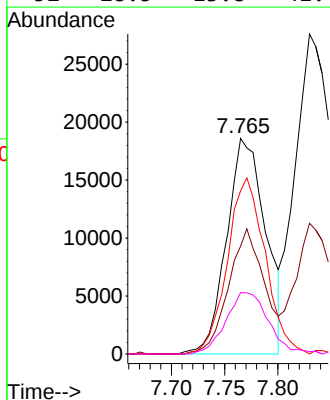
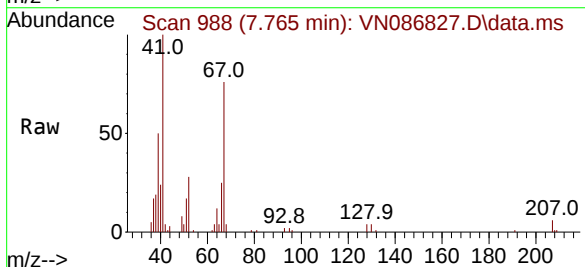
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

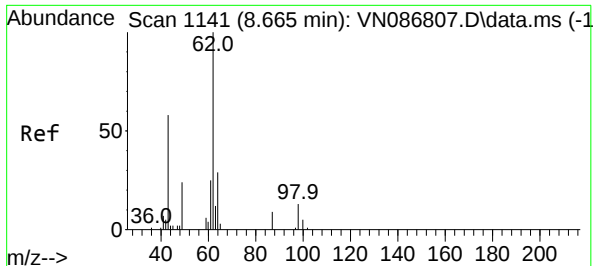
Tgt Ion: 78 Resp: 286473
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2
51 16.9 11.9 17.9



#35
Methacrylonitrile
Concen: 19.462 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 41 Resp: 47421
Ion Ratio Lower Upper
41 100
39 50.0 23.2 69.6
67 75.7 36.5 109.7
52 28.5 13.8 41.4





#36

1,2-Dichloroethane

Concen: 18.601 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

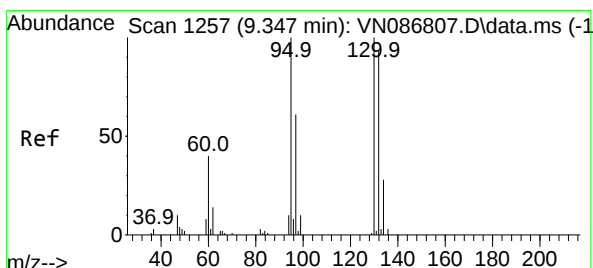
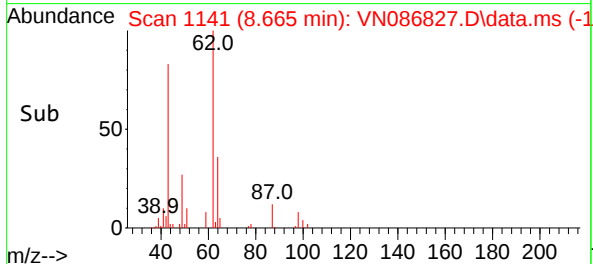
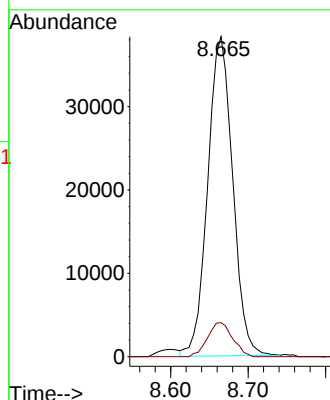
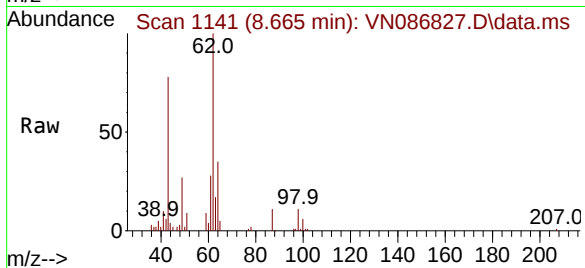
VN0530WBS01

Tgt Ion: 62 Resp: 85856

Ion Ratio Lower Upper

62 100

98 10.7 8.5 12.7



#37

Trichloroethene

Concen: 16.452 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN086827.D

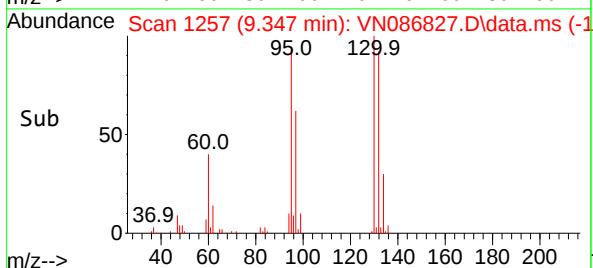
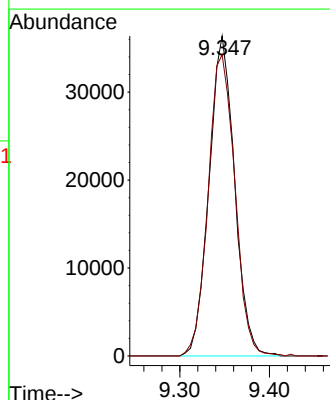
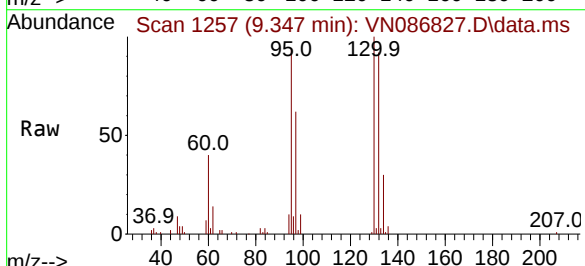
Acq: 30 May 2025 11:51

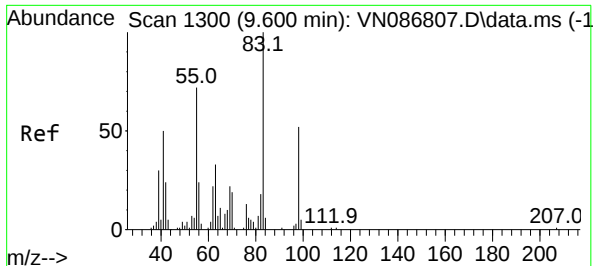
Tgt Ion: 130 Resp: 71883

Ion Ratio Lower Upper

130 100

95 94.2 80.3 120.5

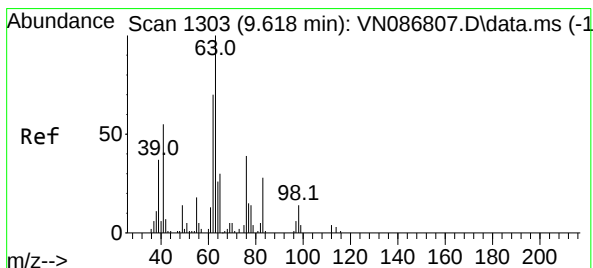
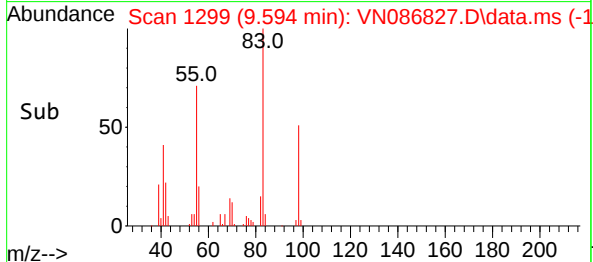
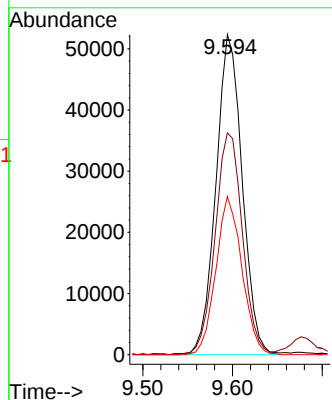
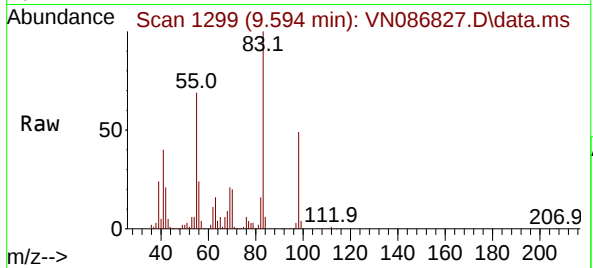




#38
Methylcyclohexane
Concen: 19.834 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

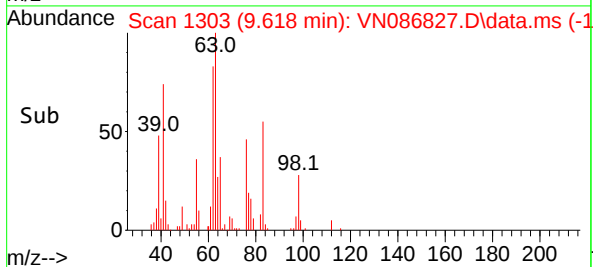
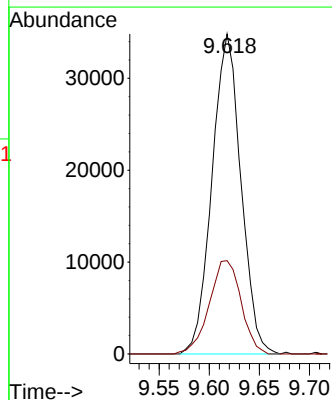
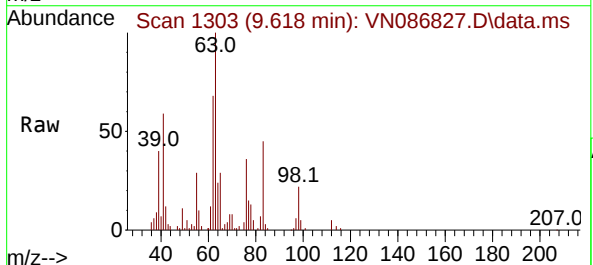
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

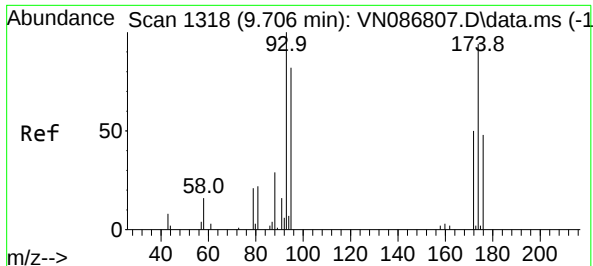
Tgt Ion: 83 Resp: 106534
Ion Ratio Lower Upper
83 100
55 71.4 37.4 112.1
98 48.9 24.6 73.6



#39
1,2-Dichloropropane
Concen: 18.424 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 63 Resp: 69866
Ion Ratio Lower Upper
63 100
65 29.1 24.2 36.4

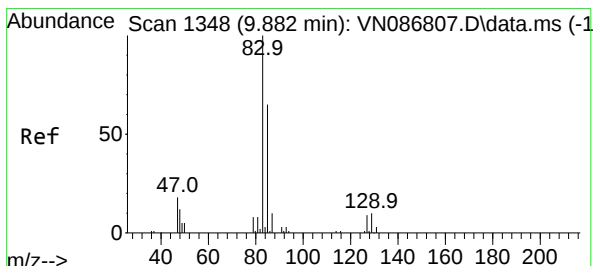
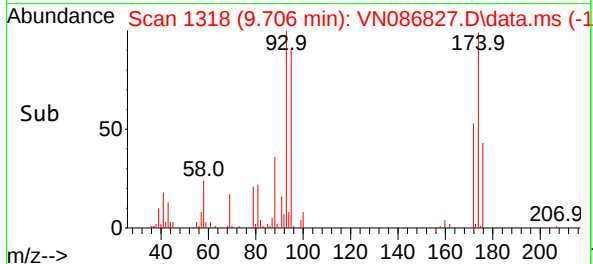
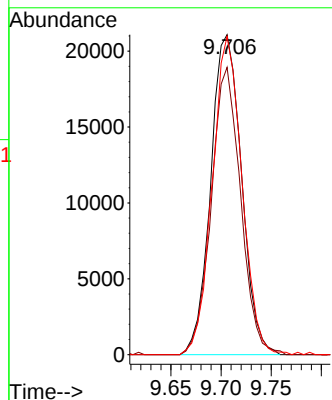
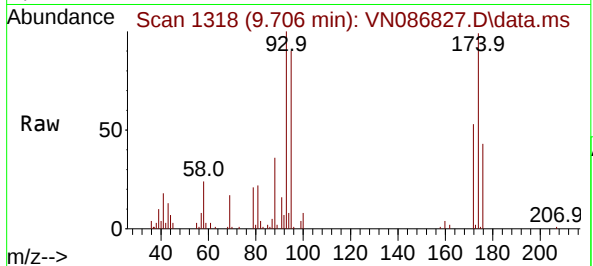




#40
Dibromomethane
Concen: 18.147 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

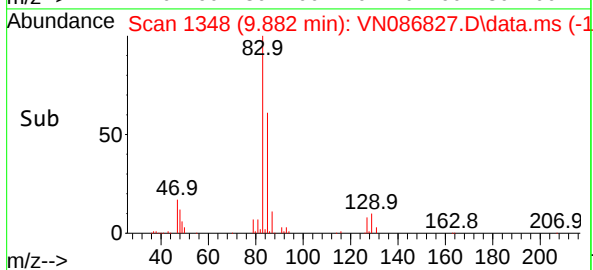
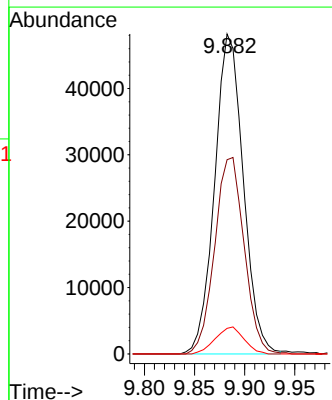
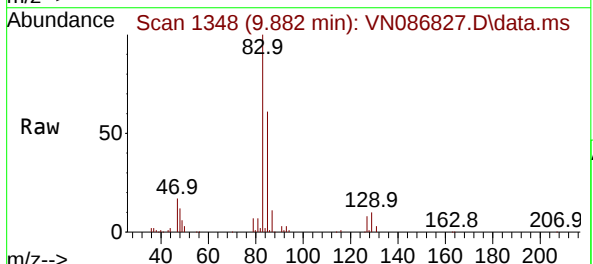
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

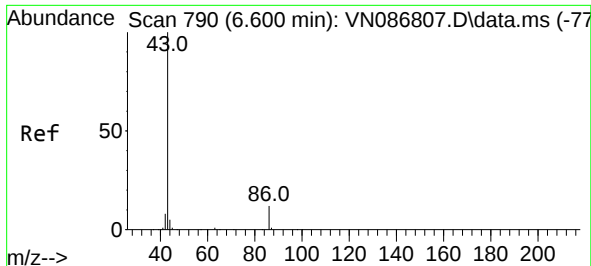
Tgt Ion:	93	Resp:	45009
Ion	Ratio	Lower	Upper
93	100		
95	85.7	0.0	166.4
174	95.5	0.0	181.8



#41
Bromodichloromethane
Concen: 18.476 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:	83	Resp:	95927
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.8	77.8
127	8.0	6.8	10.2

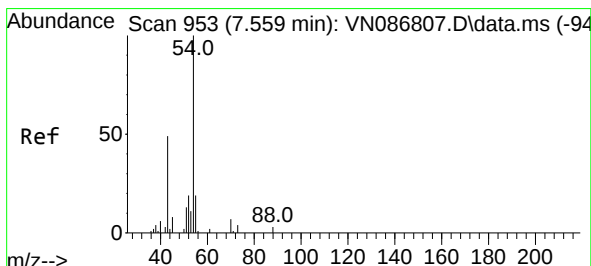
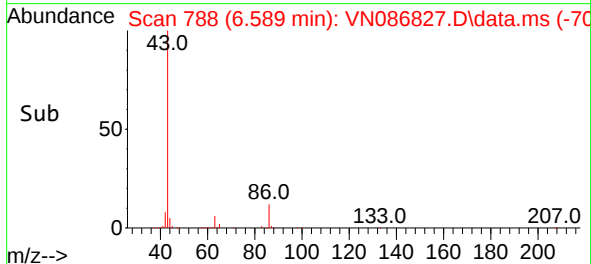
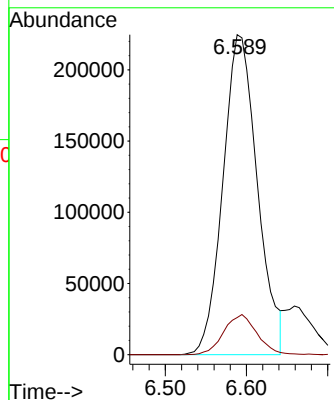
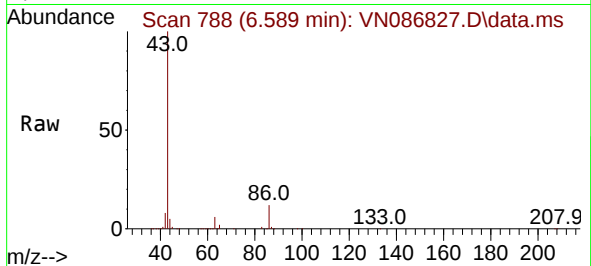




#42
 Vinyl Acetate
 Concen: 107.336 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

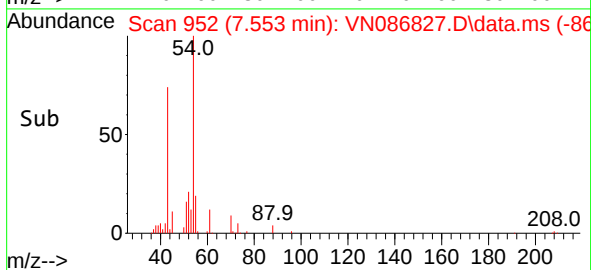
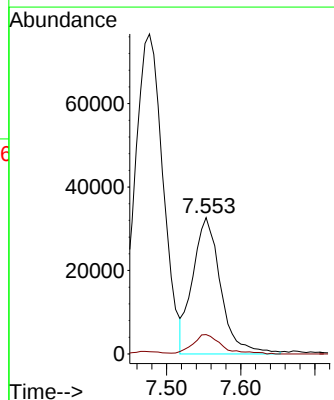
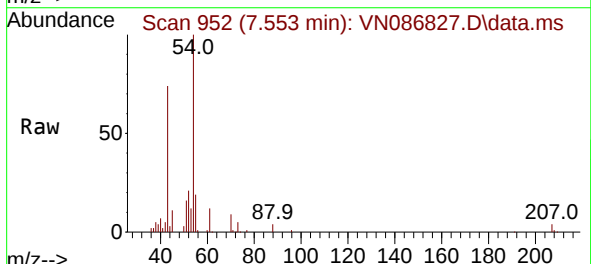
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

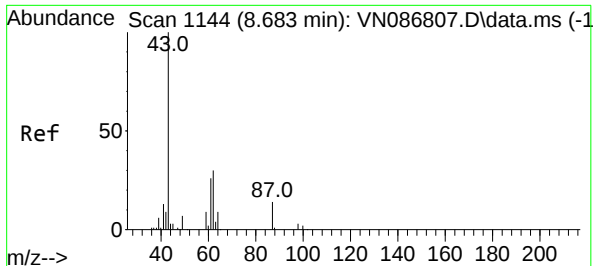
Tgt Ion: 43 Resp: 663647
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3



#43
 Ethyl Acetate
 Concen: 19.767 ug/l
 RT: 7.553 min Scan# 952
 Delta R.T. -0.006 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Tgt Ion: 43 Resp: 85794
 Ion Ratio Lower Upper
 43 100
 45 12.5 11.1 16.7

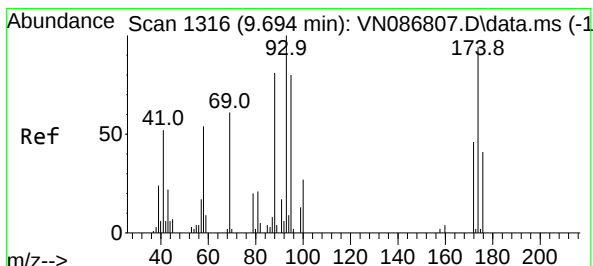
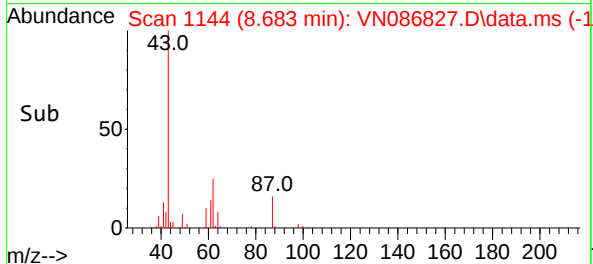
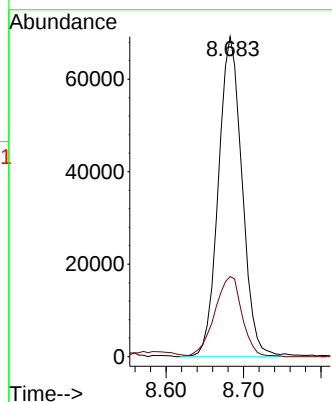
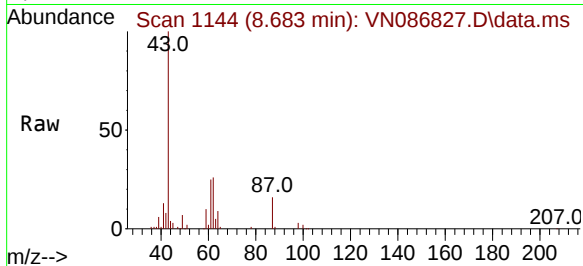




#44
Isopropyl Acetate
Concen: 19.734 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

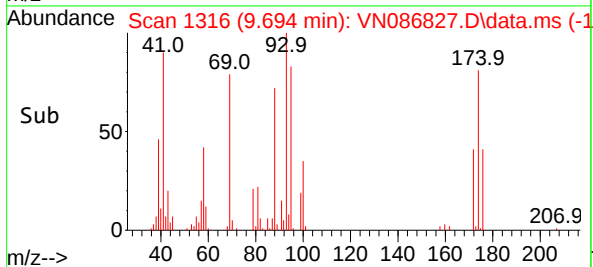
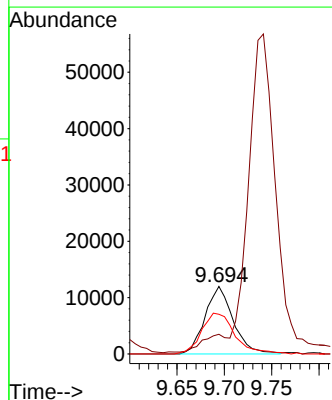
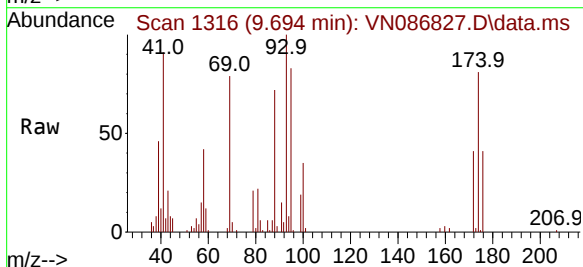
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

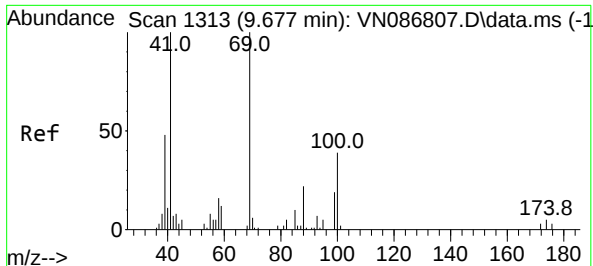
Tgt Ion: 43 Resp: 146930
Ion Ratio Lower Upper
43 100
61 29.0 23.8 35.6



#45
1,4-Dioxane
Concen: 373.781 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 88 Resp: 24736
Ion Ratio Lower Upper
88 100
43 25.6 23.0 34.6
58 71.5 57.6 86.4

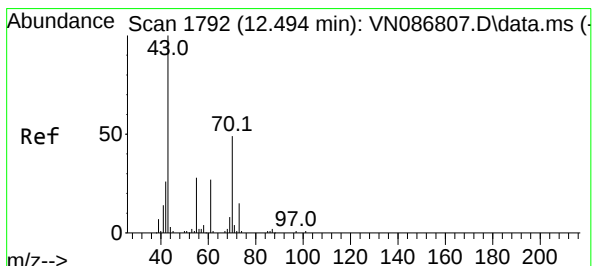
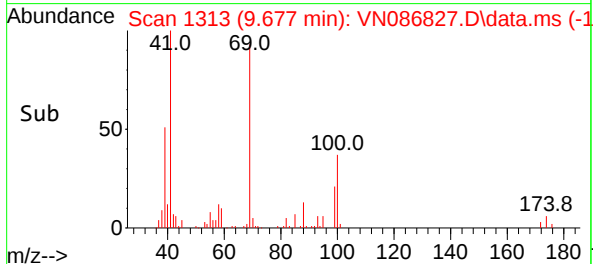
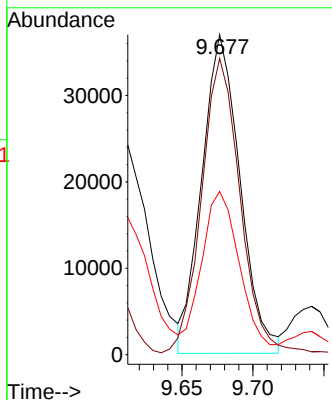
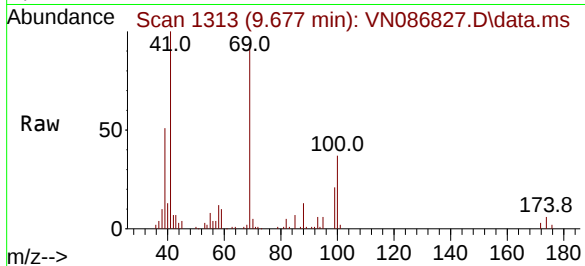




#46
Methyl methacrylate
Concen: 20.078 ug/l
RT: 9.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

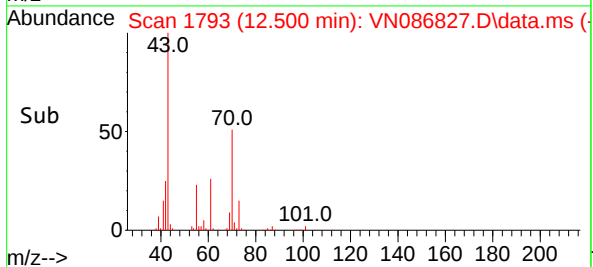
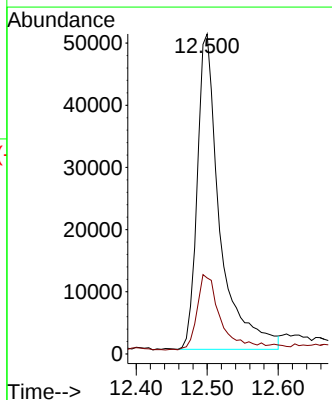
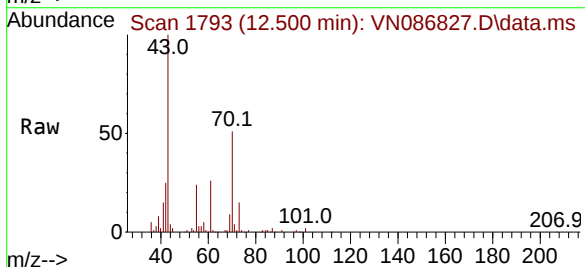
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

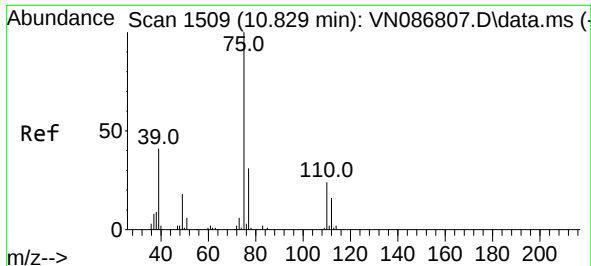
Tgt Ion: 41 Resp: 68930
Ion Ratio Lower Upper
41 100
69 94.9 48.0 144.2
39 50.7 23.8 71.2



#47
n-amy1 Acetate
Concen: 18.827 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 43 Resp: 112539
Ion Ratio Lower Upper
43 100
55 23.3 21.7 32.5

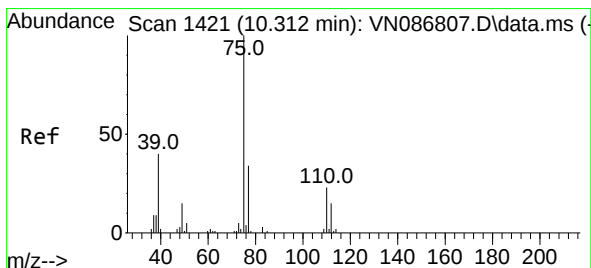
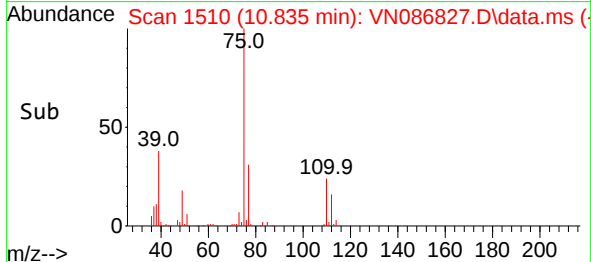
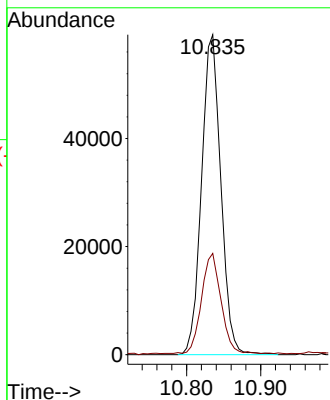
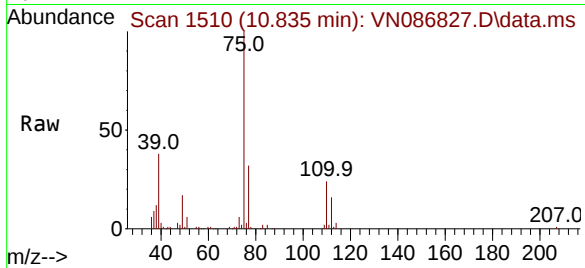




#48
t-1,3-Dichloropropene
Concen: 19.279 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

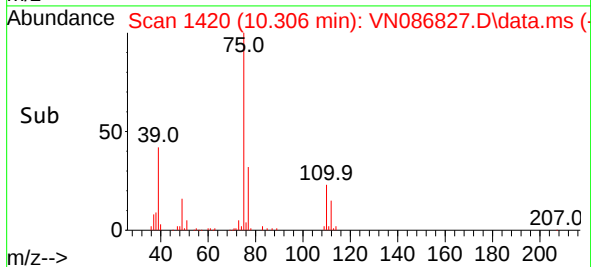
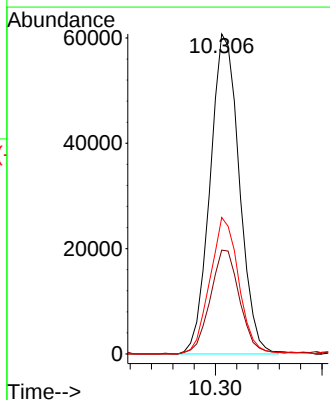
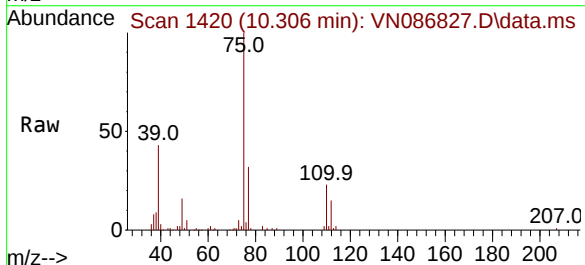
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

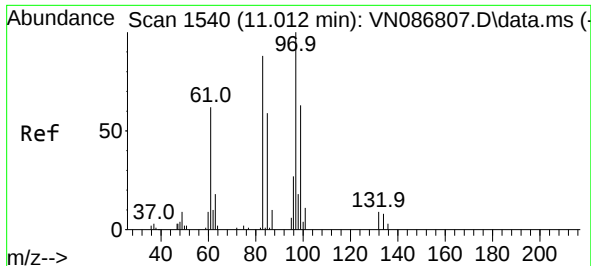
Tgt Ion: 75 Resp: 107113
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7



#49
cis-1,3-Dichloropropene
Concen: 18.925 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 75 Resp: 115649
Ion Ratio Lower Upper
75 100
77 32.5 26.9 40.3
39 42.6 31.8 47.6

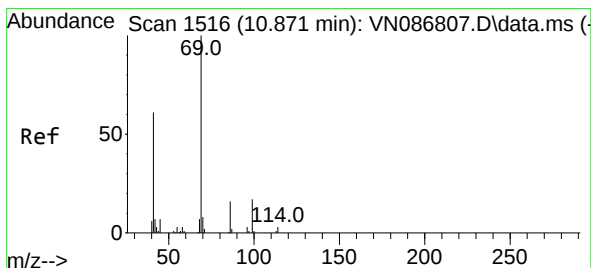
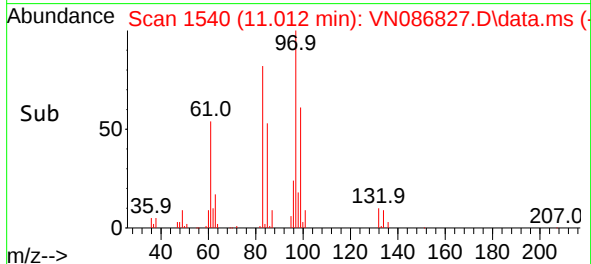
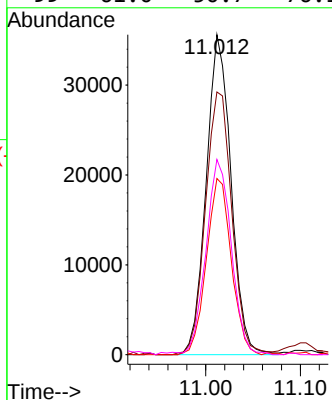
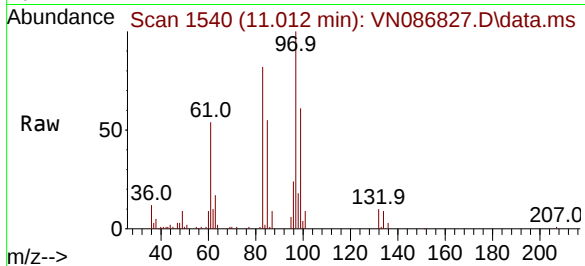




#50
1,1,2-Trichloroethane
Concen: 18.538 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

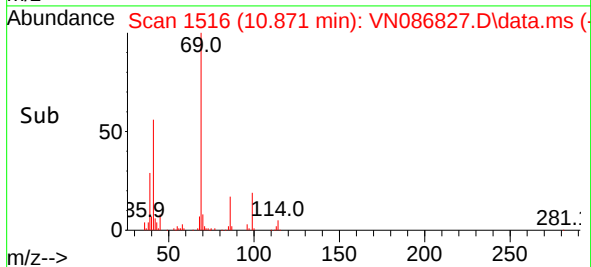
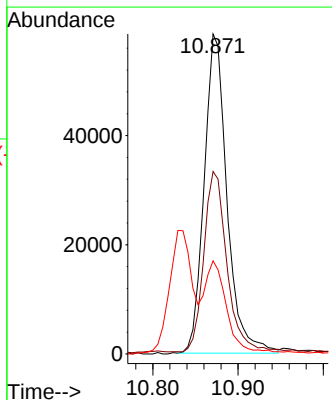
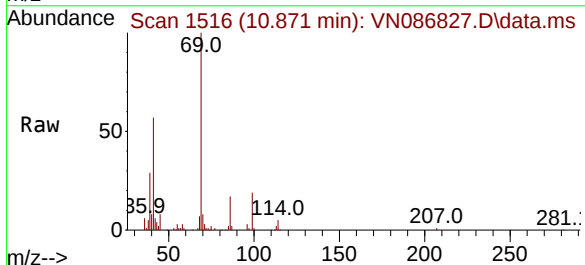
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

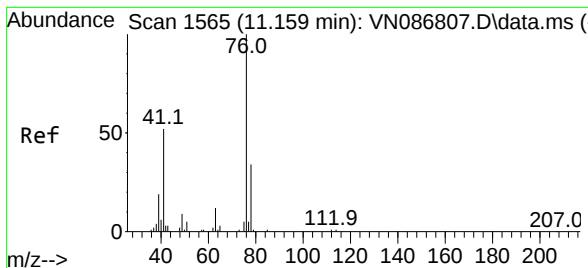
Tgt Ion:	97	Resp:	64757
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.6	105.8
85	55.1	46.8	70.2
99	61.0	50.7	76.1



#51
Ethyl methacrylate
Concen: 19.240 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:	69	Resp:	108851
Ion	Ratio	Lower	Upper
69	100		
41	56.4	30.5	91.5
39	28.5	14.3	42.9

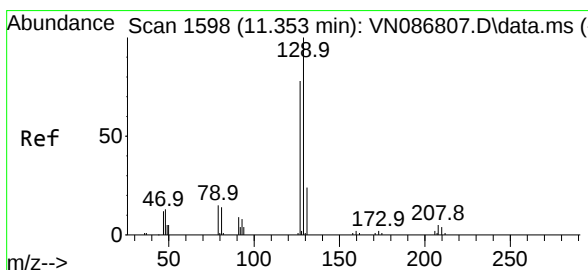
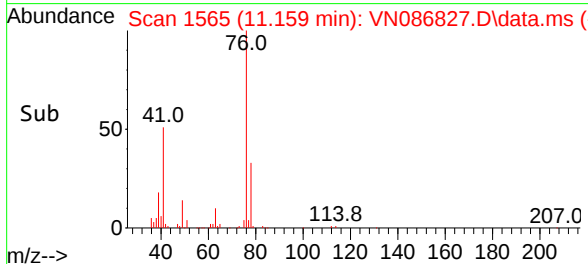
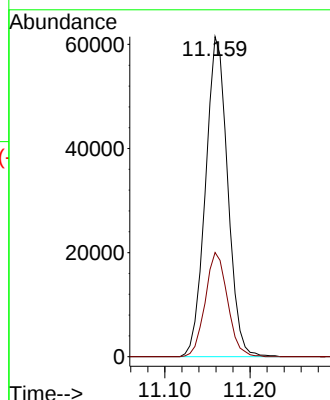
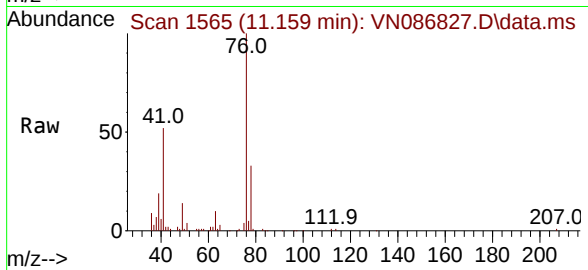




#52
1,3-Dichloropropane
Concen: 17.950 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

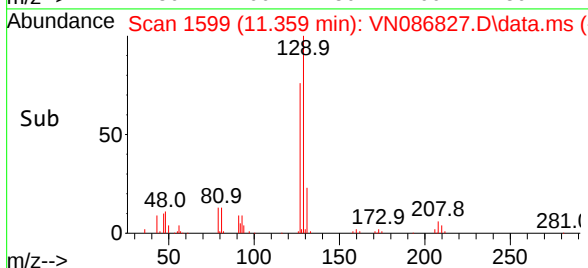
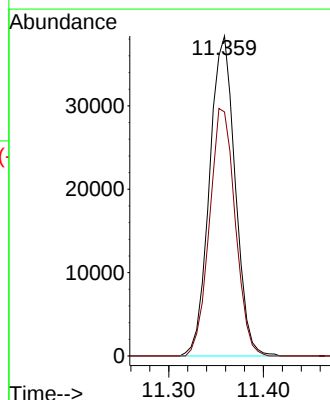
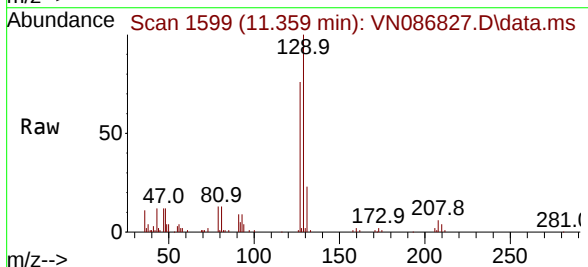
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

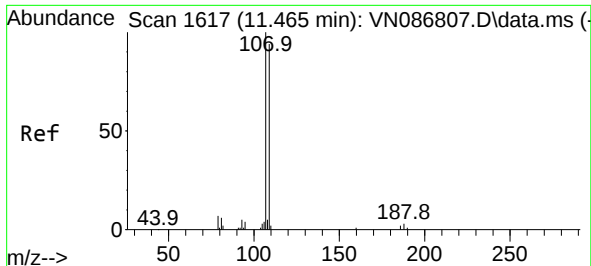
Tgt Ion: 76 Resp: 111283
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6



#53
Dibromochloromethane
Concen: 18.329 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 129 Resp: 72354
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

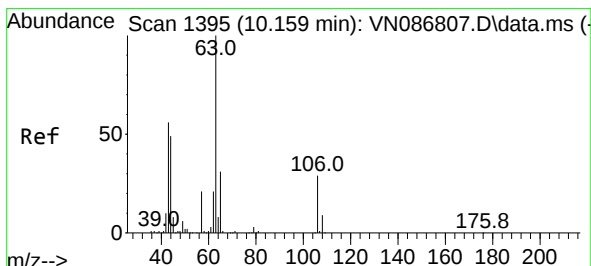
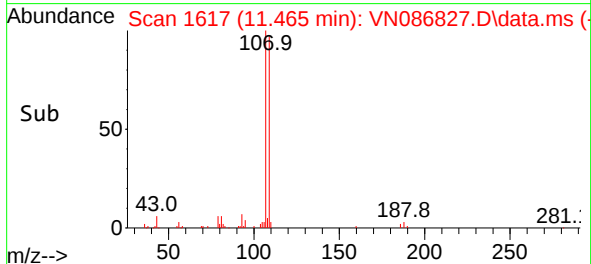
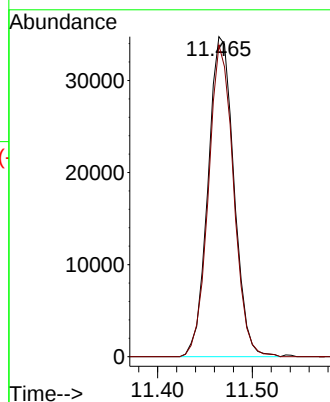
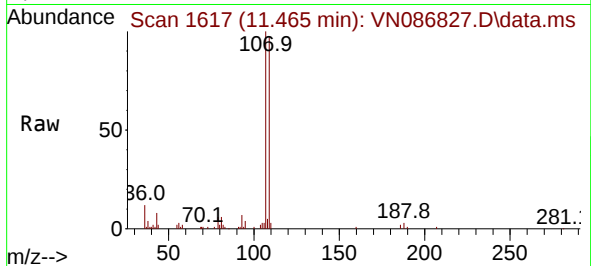




#54
1,2-Dibromoethane
Concen: 18.512 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

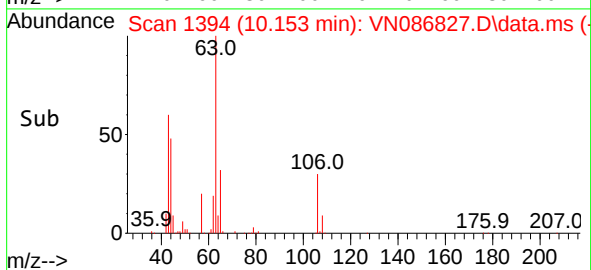
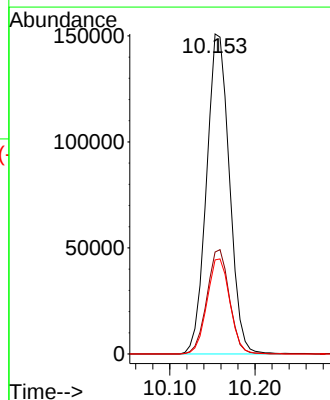
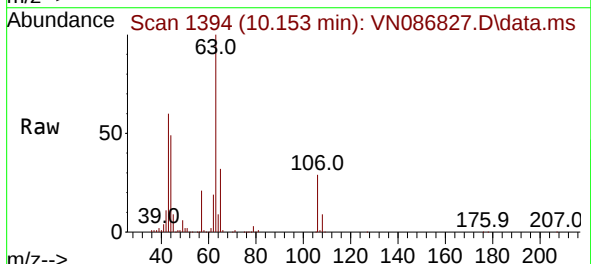
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

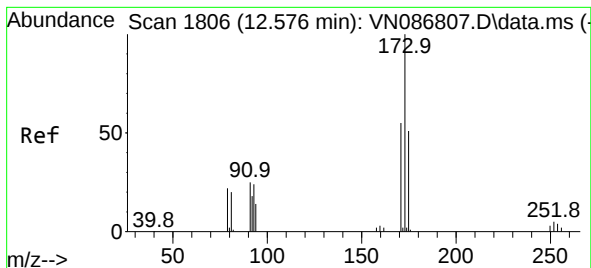
Tgt Ion:107 Resp: 66104
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#55
2-Chloroethyl vinyl ether
Concen: 103.733 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 63 Resp: 281708
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 29.6 22.7 34.1

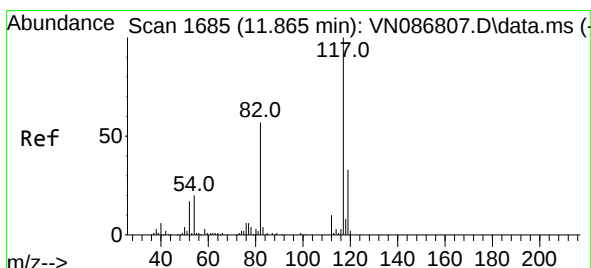
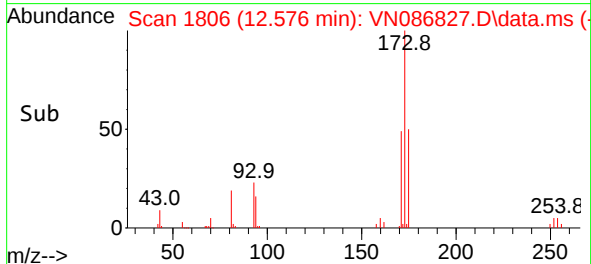
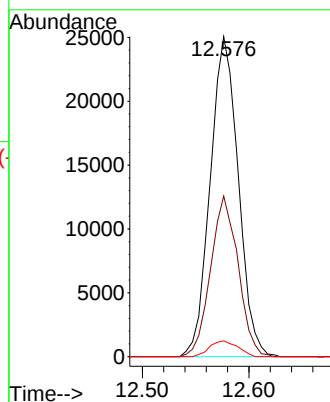
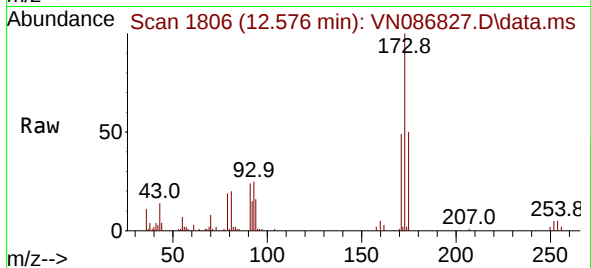




#56
Bromoform
Concen: 18.448 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

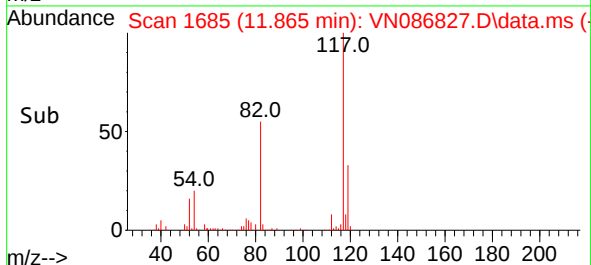
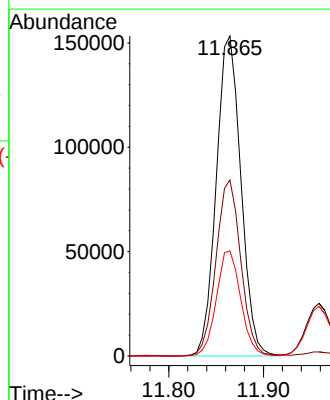
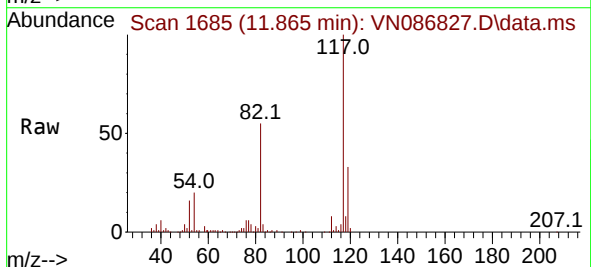
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

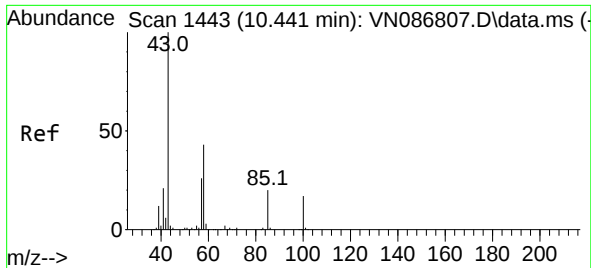
Tgt Ion:173 Resp: 45885
Ion Ratio Lower Upper
173 100
175 49.1 39.7 59.5
254 5.0 3.5 5.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:117 Resp: 277679
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.4 25.6 38.4

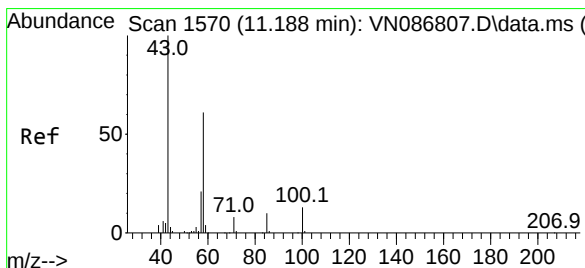
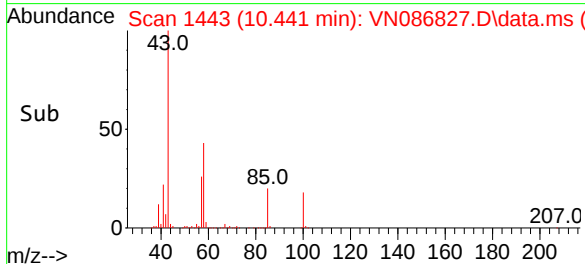
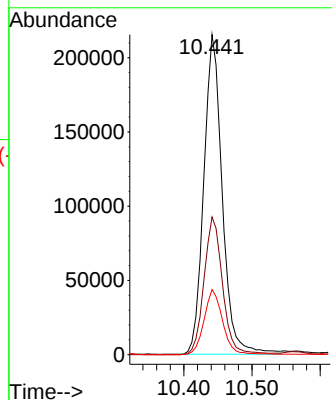
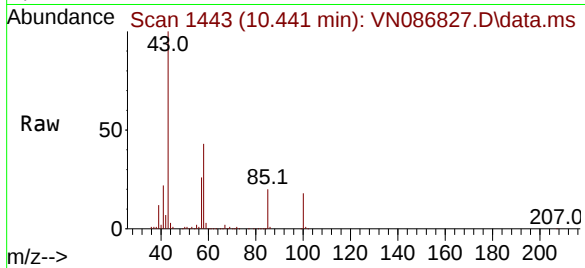




#58
4-Methyl-2-Pentanone
Concen: 99.453 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

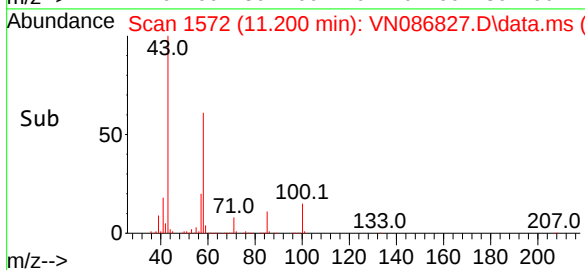
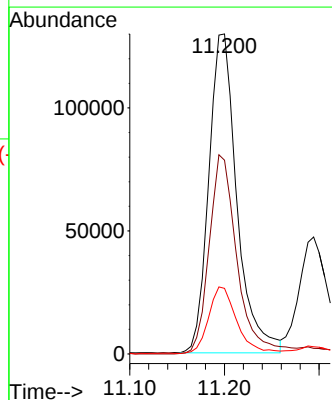
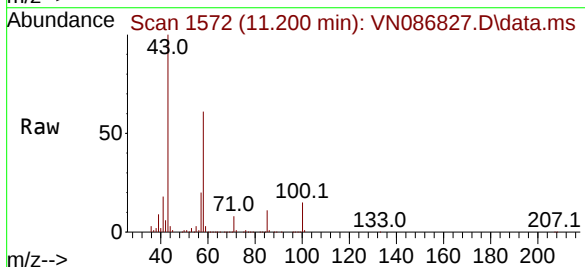
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

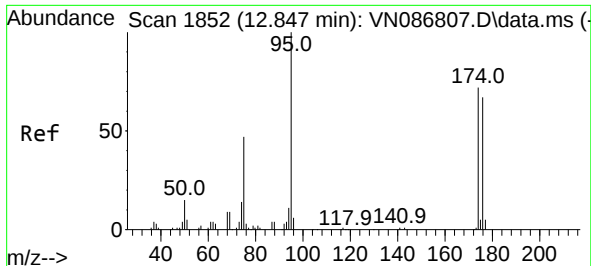
Tgt Ion: 43 Resp: 405217
Ion Ratio Lower Upper
43 100
58 43.4 34.5 51.7
85 20.2 15.8 23.8



#59
2-Hexanone
Concen: 91.784 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 43 Resp: 267877
Ion Ratio Lower Upper
43 100
58 62.2 49.1 73.7
57 20.4 16.6 25.0

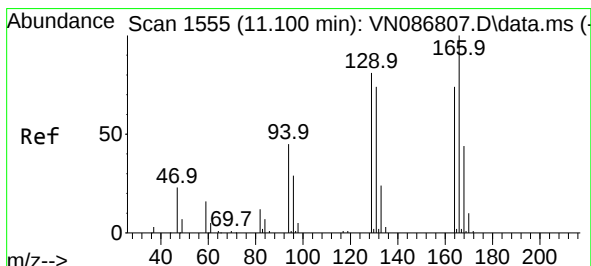
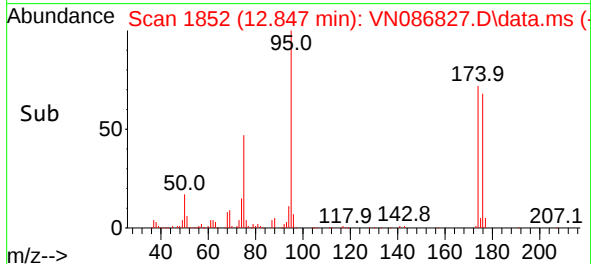
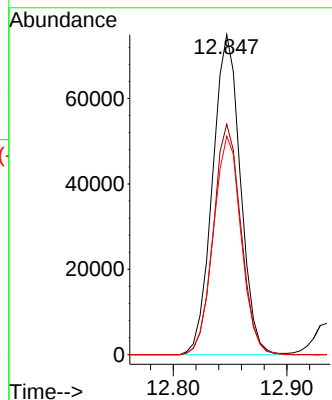
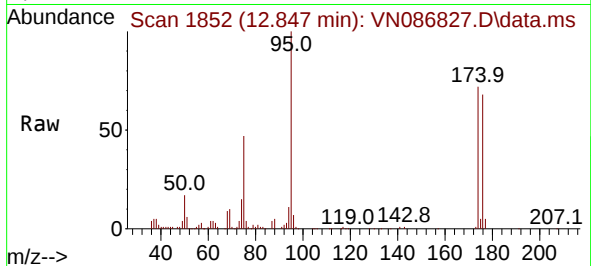




#60
4-Bromofluorobenzene
Concen: 29.271 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

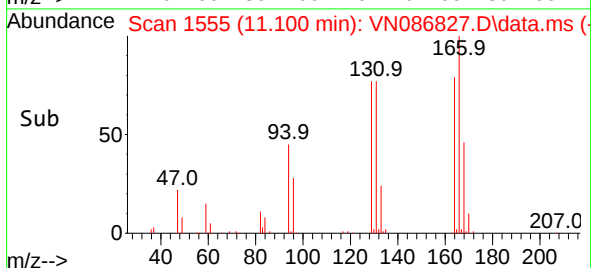
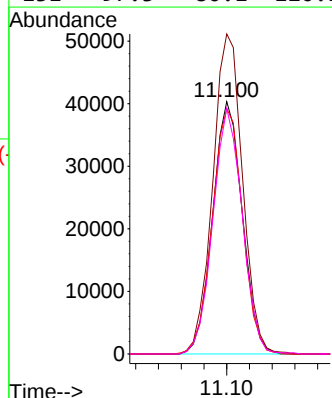
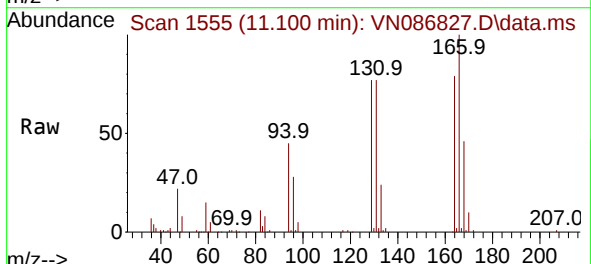
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

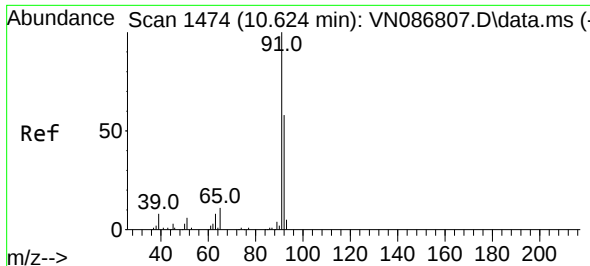
Tgt Ion: 95 Resp: 127610
Ion Ratio Lower Upper
95 100
174 71.3 56.2 84.4
176 68.5 53.4 80.0



#61
Tetrachloroethene
Concen: 15.641 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 164 Resp: 73006
Ion Ratio Lower Upper
164 100
166 126.8 107.5 161.3
129 96.8 87.4 131.2
131 97.3 80.1 120.1

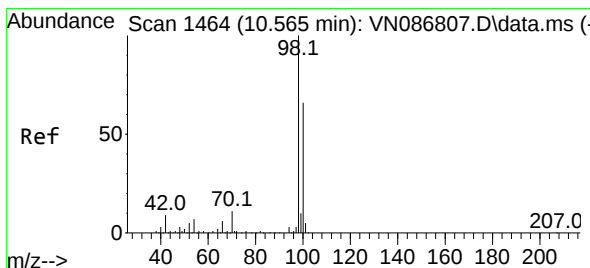
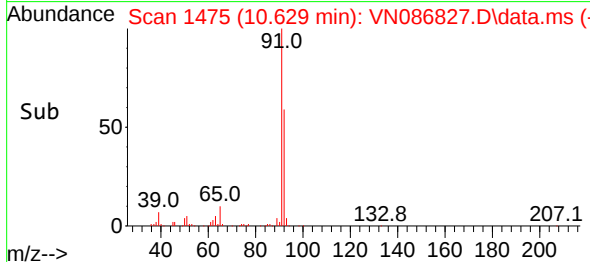
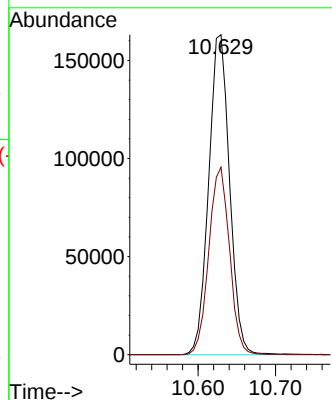
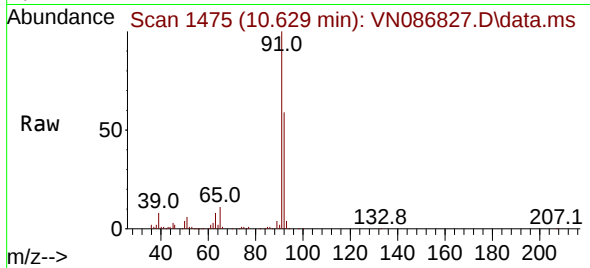




#62
Toluene
Concen: 19.534 ug/l
RT: 10.629 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

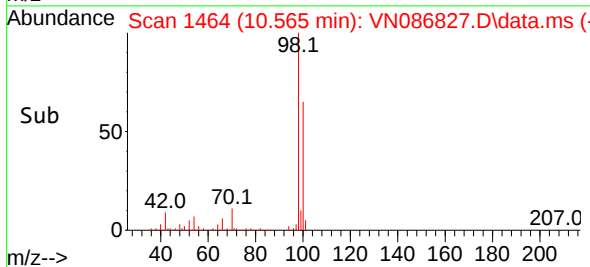
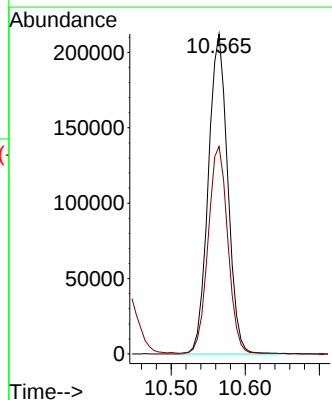
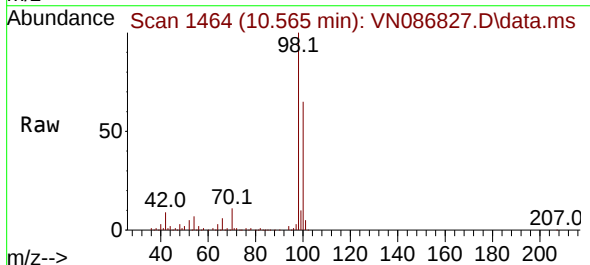
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

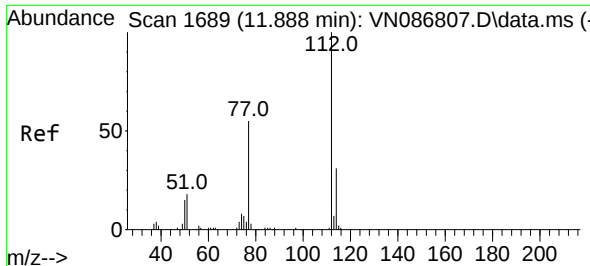
Tgt Ion: 91 Resp: 305486
Ion Ratio Lower Upper
91 100
92 58.0 46.6 70.0



#63
Toluene-d8
Concen: 30.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 98 Resp: 385779
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

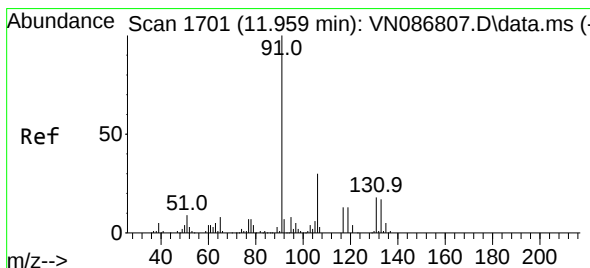
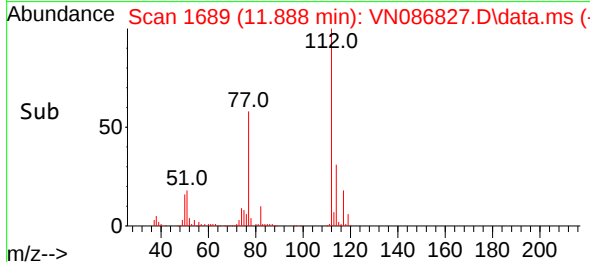
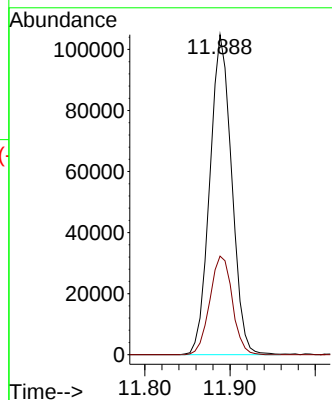
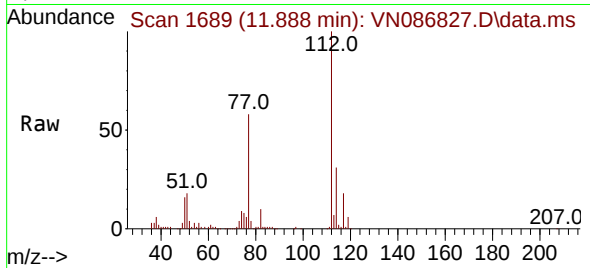




#64
Chlorobenzene
Concen: 18.773 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

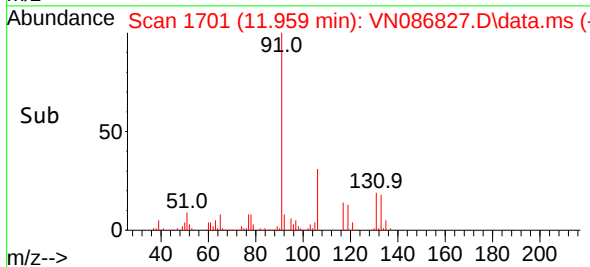
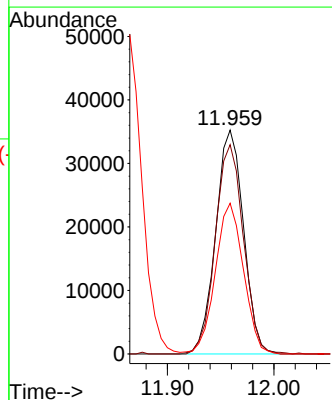
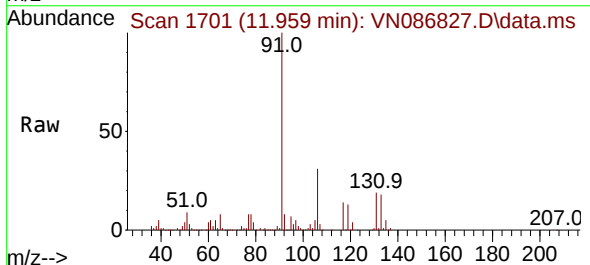
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

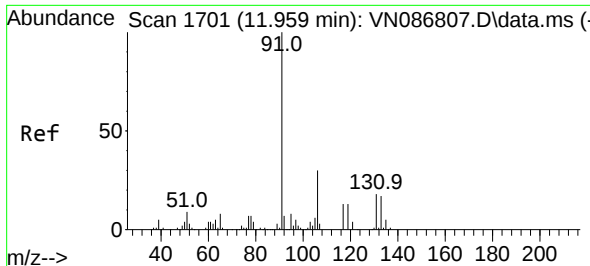
Tgt Ion:112 Resp: 187231
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#65
1,1,1,2-Tetrachloroethane
Concen: 19.554 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:131 Resp: 64069
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.0
119 68.1 0.0 140.8

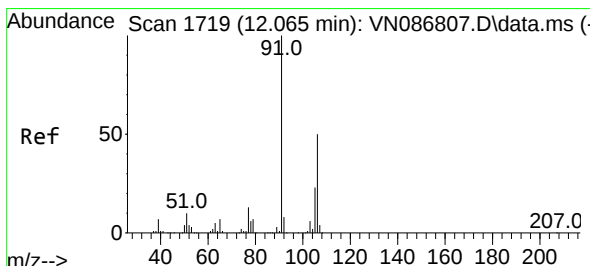
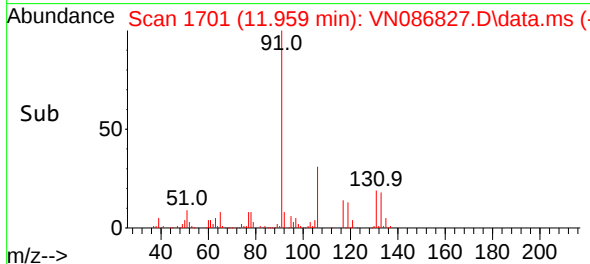
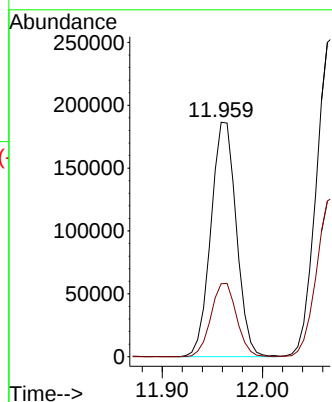
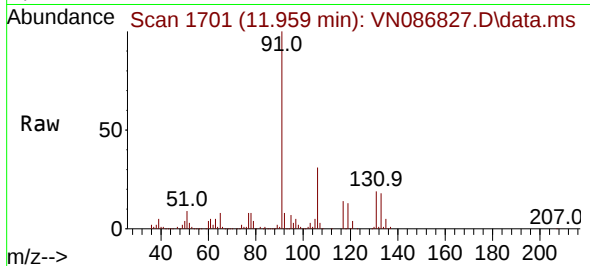




#66
Ethyl Benzene
Concen: 19.449 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

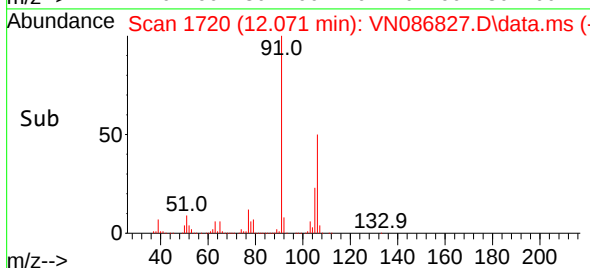
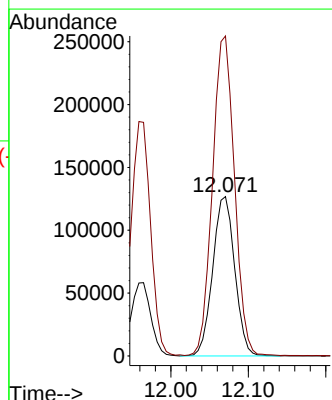
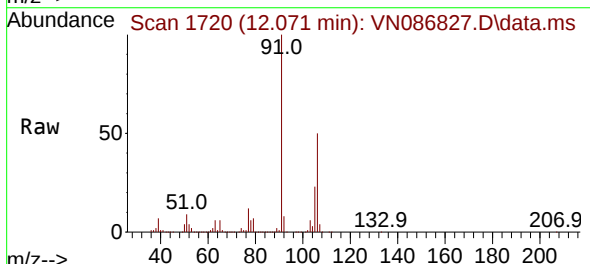
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

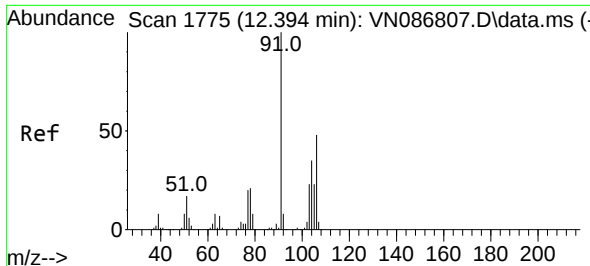
Tgt Ion: 91 Resp: 328982
Ion Ratio Lower Upper
91 100
106 31.2 23.6 35.4



#67
m/p-Xylenes
Concen: 37.811 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 106 Resp: 250981
Ion Ratio Lower Upper
106 100
91 199.8 160.7 241.1

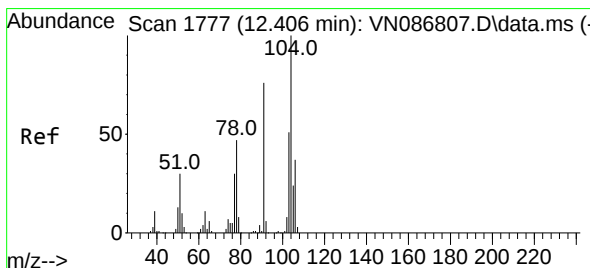
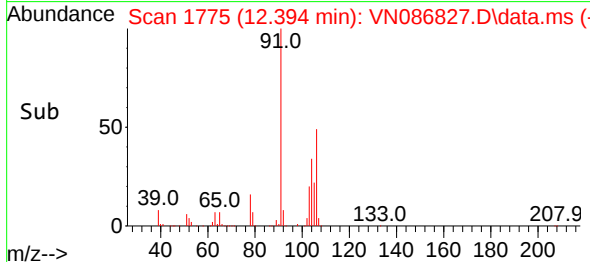
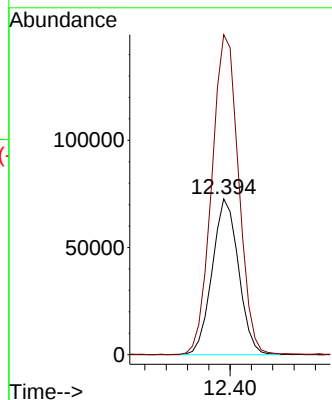
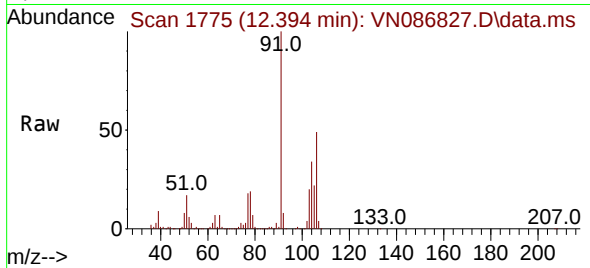




#68
o-Xylene
Concen: 19.352 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

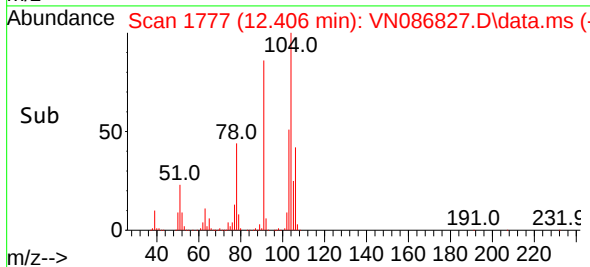
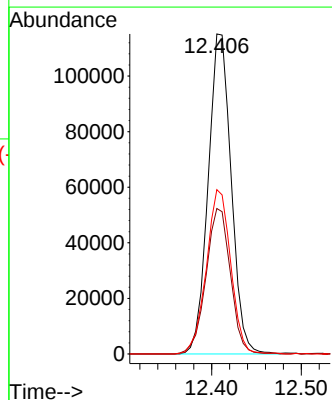
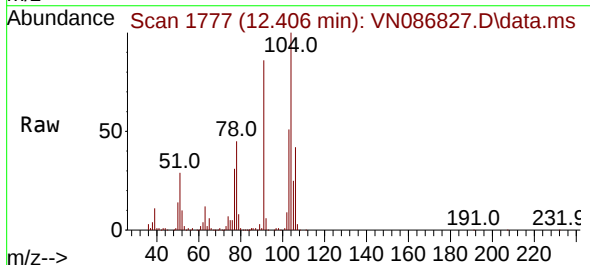
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

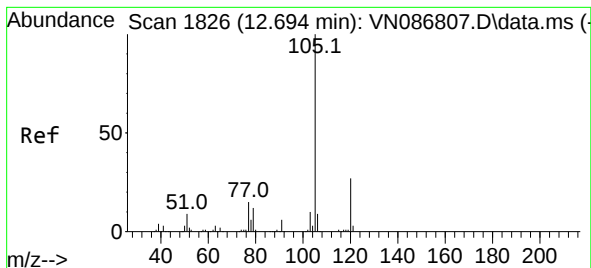
Tgt Ion:106 Resp: 124493
Ion Ratio Lower Upper
106 100
91 210.4 106.3 318.9



#69
Styrene
Concen: 19.188 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:104 Resp: 205653
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 54.2 43.2 64.8





#70

Isopropylbenzene

Concen: 19.550 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

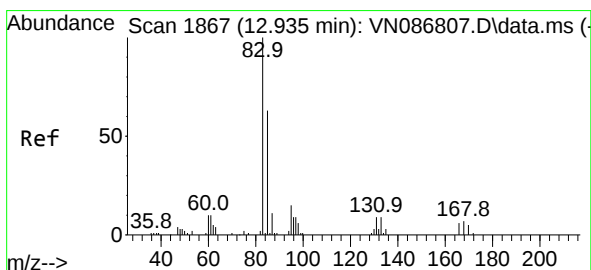
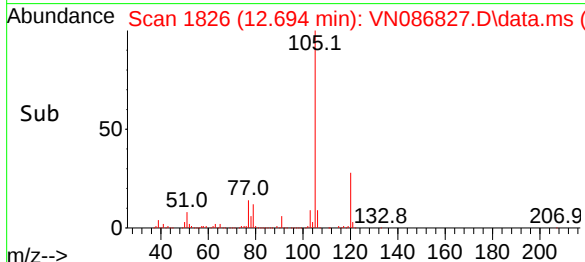
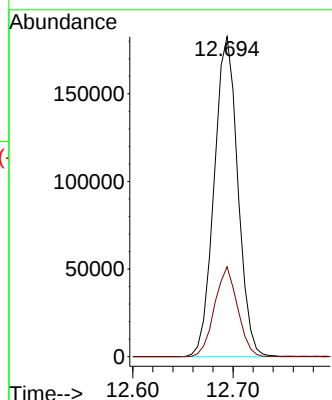
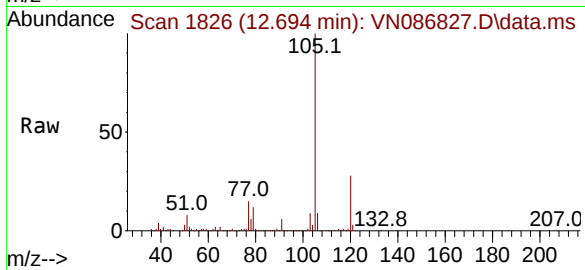
VN0530WBS01

Tgt Ion:105 Resp: 299128

Ion Ratio Lower Upper

105 100

120 27.3 19.0 35.2



#71

1,1,2,2-Tetrachloroethane

Concen: 22.855 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

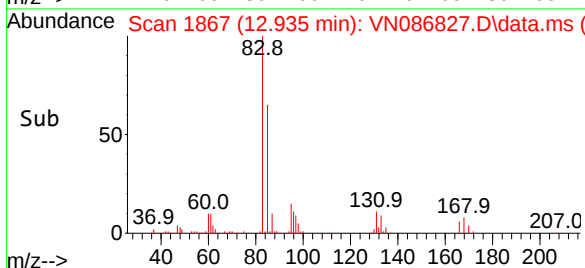
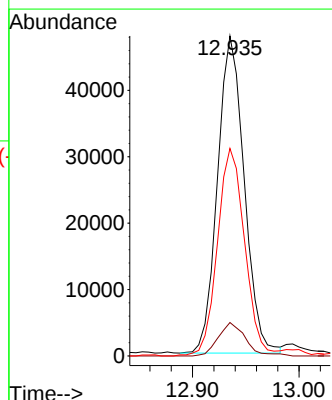
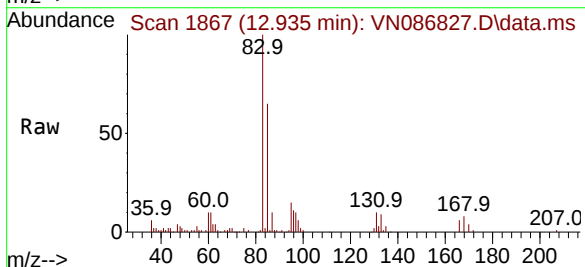
Tgt Ion: 83 Resp: 83141

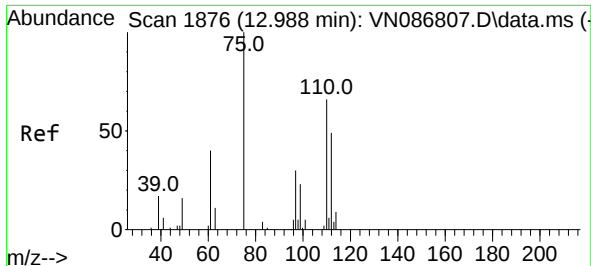
Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

85 66.5 32.6 97.7

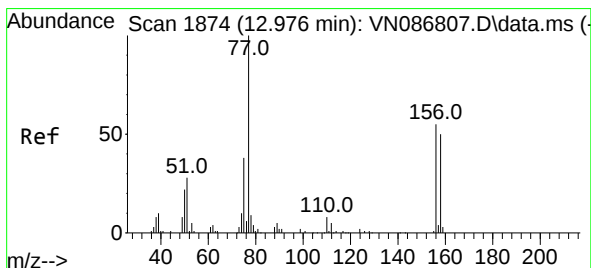
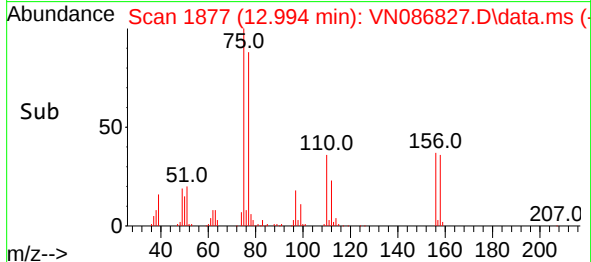
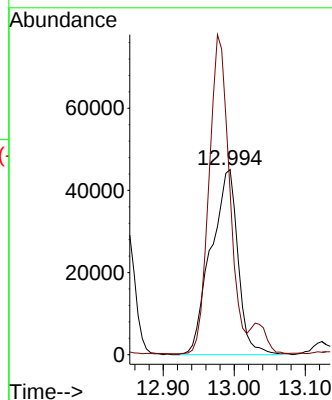
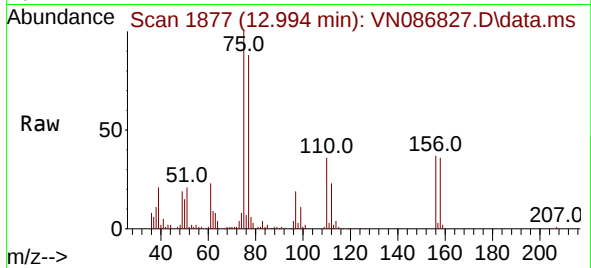




#72
1,2,3-Trichloropropane
Concen: 27.886 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

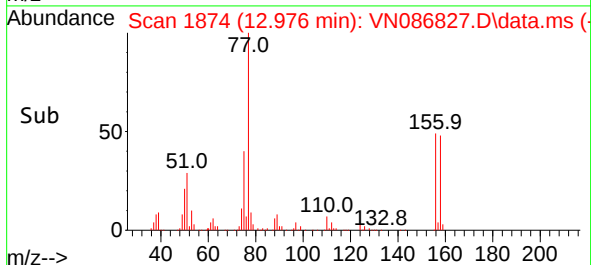
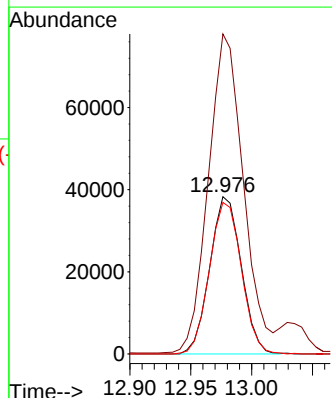
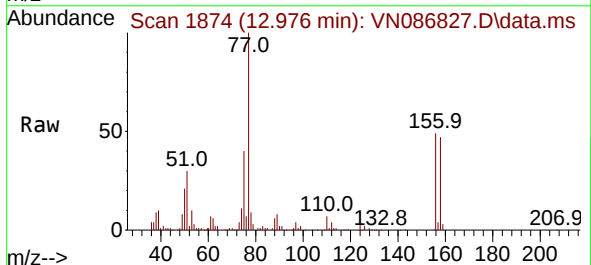
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

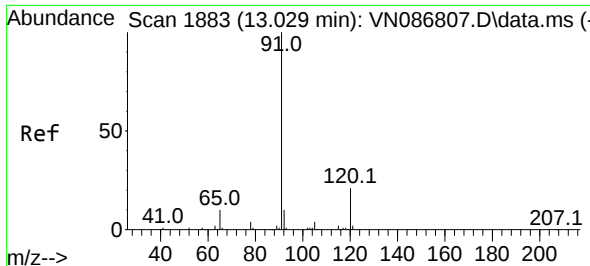
Tgt Ion: 75 Resp: 118891
Ion Ratio Lower Upper
75 100
77 130.4 0.0 390.6



#73
Bromobenzene
Concen: 18.091 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:156 Resp: 68798
Ion Ratio Lower Upper
156 100
77 225.3 0.0 442.0
158 97.8 0.0 191.8

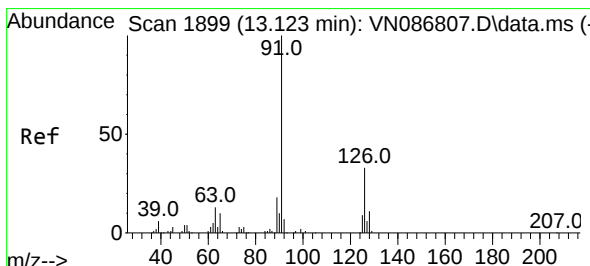
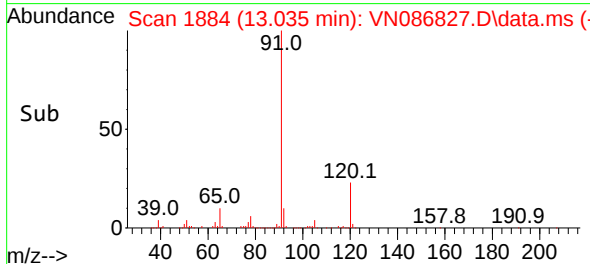
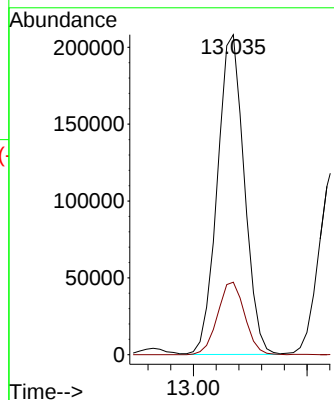
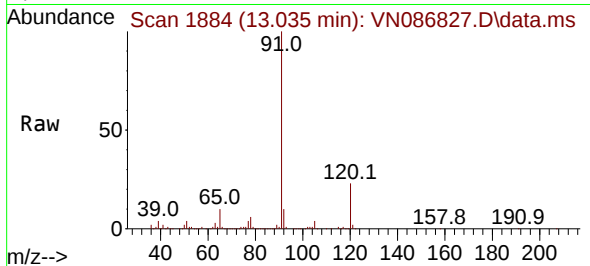




#74
n-propylbenzene
Concen: 18.914 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

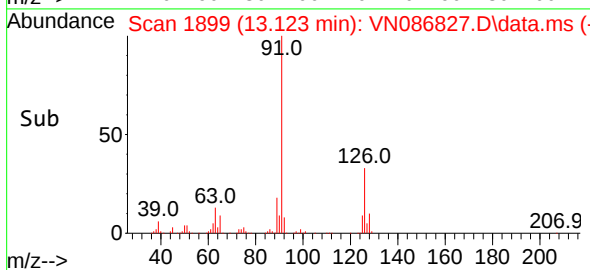
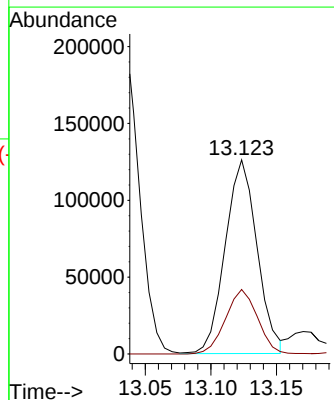
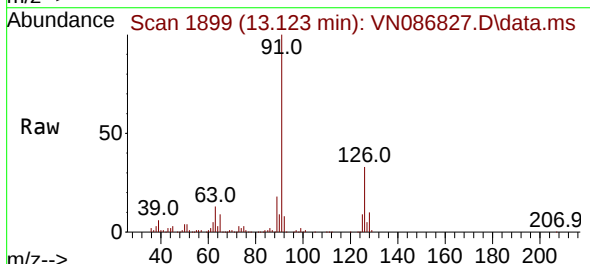
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

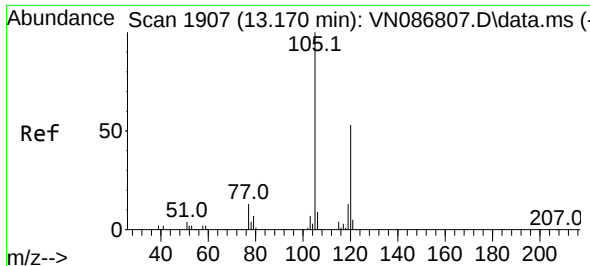
Tgt Ion: 91 Resp: 342794
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.6



#75
2-Chlorotoluene
Concen: 18.355 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 91 Resp: 213511
Ion Ratio Lower Upper
91 100
126 33.3 0.0 64.4

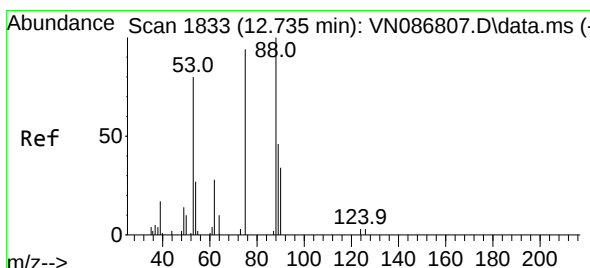
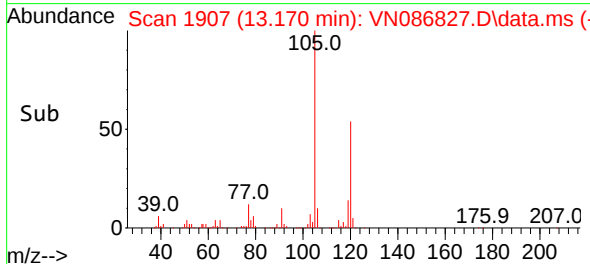
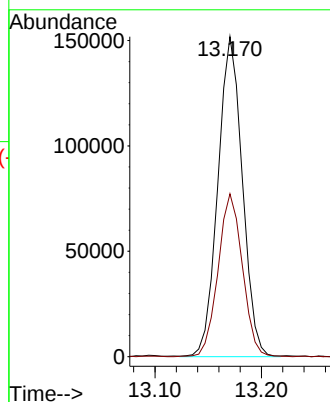
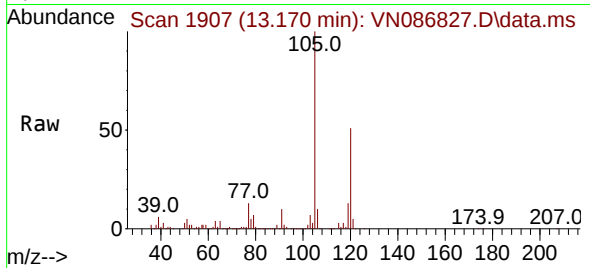




#76
1,3,5-Trimethylbenzene
Concen: 19.000 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

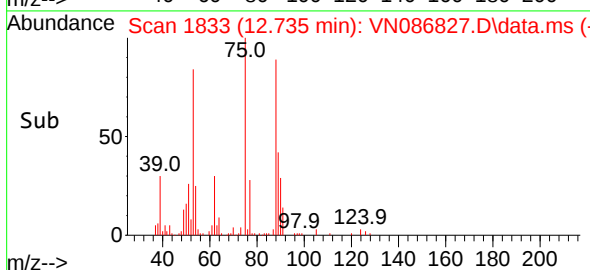
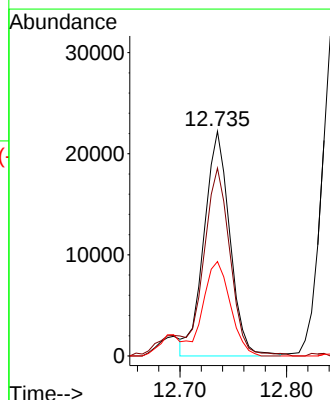
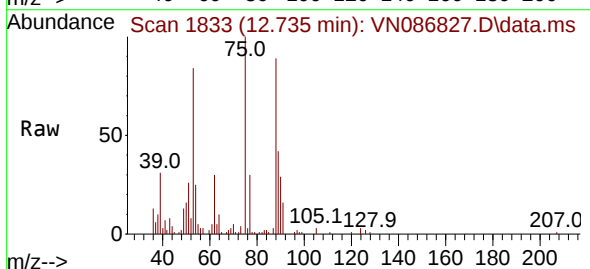
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

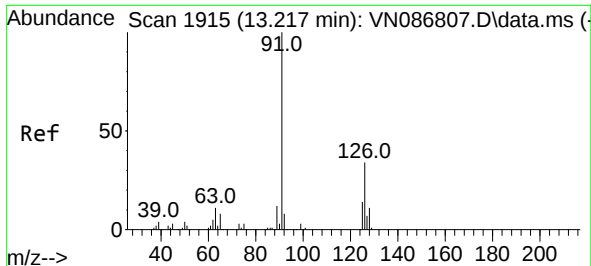
Tgt Ion:105 Resp: 241846
Ion Ratio Lower Upper
105 100
120 50.6 0.0 101.4



#77
t-1,4-Dichloro-2-butene
Concen: 21.495 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 75 Resp: 37503
Ion Ratio Lower Upper
75 100
53 83.1 43.0 128.8
89 42.4 25.4 76.2

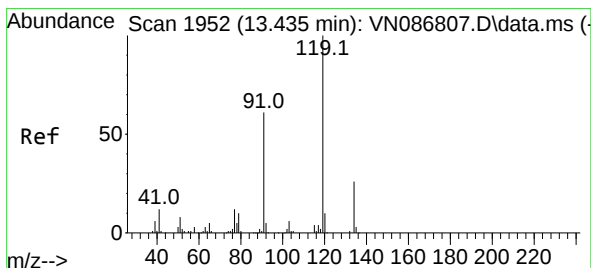
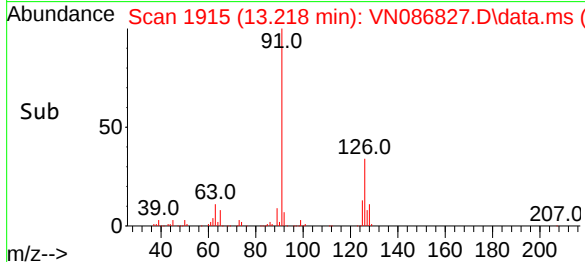
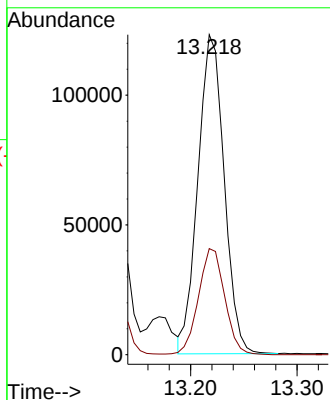
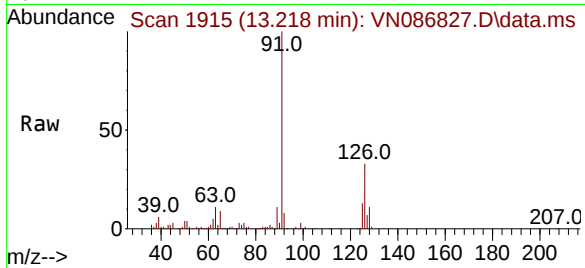




#78
4-Chlorotoluene
Concen: 18.288 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

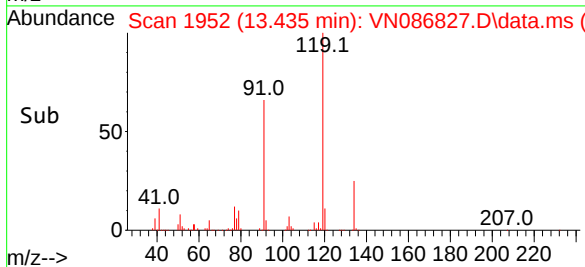
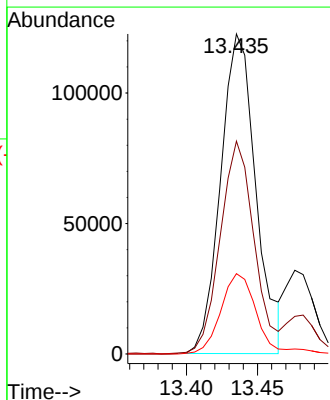
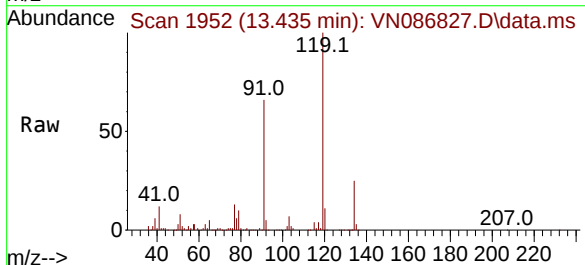
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

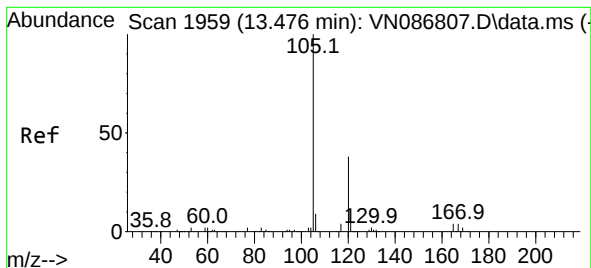
Tgt Ion: 91 Resp: 210729
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.6



#79
tert-butylbenzene
Concen: 19.205 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 119 Resp: 211349
Ion Ratio Lower Upper
119 100
91 64.4 0.0 130.4
134 24.7 0.0 50.6





#80

1,2,4-Trimethylbenzene

Concen: 19.108 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

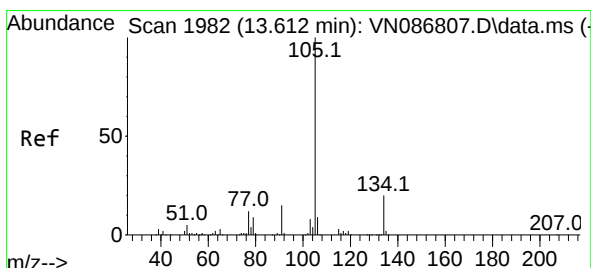
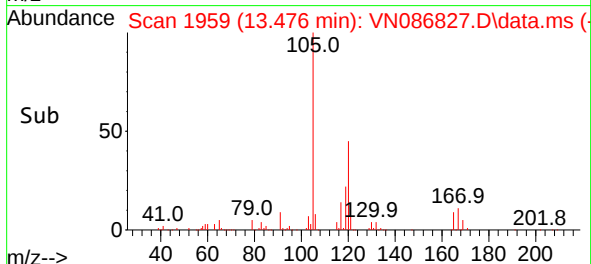
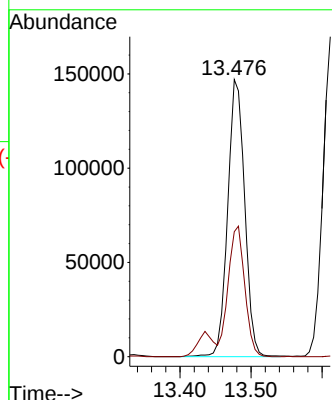
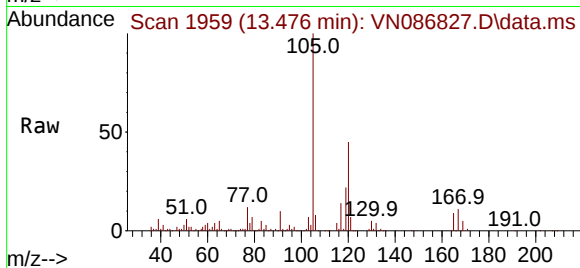
VN0530WBS01

Tgt Ion:105 Resp: 244130

Ion Ratio Lower Upper

105 100

120 45.9 0.0 92.2



#81

sec-Butylbenzene

Concen: 18.824 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086827.D

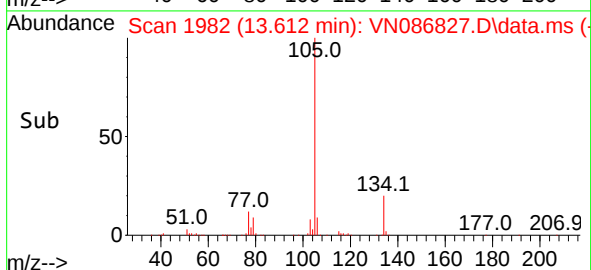
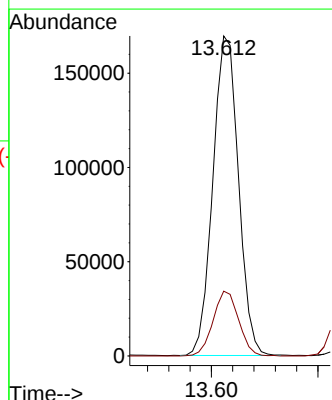
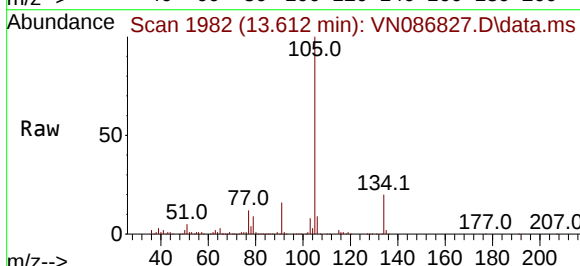
Acq: 30 May 2025 11:51

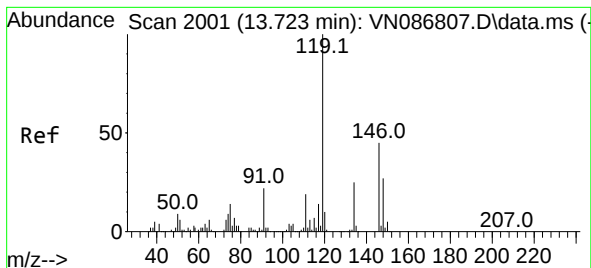
Tgt Ion:105 Resp: 282222

Ion Ratio Lower Upper

105 100

134 20.2 0.0 40.0





#82

p-Isopropyltoluene

Concen: 18.869 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

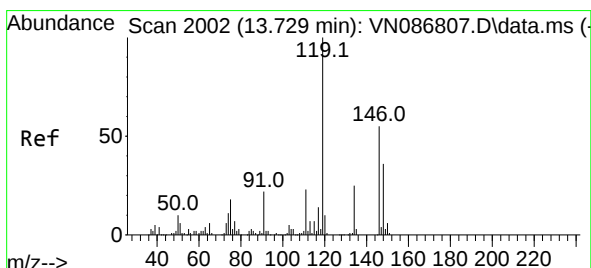
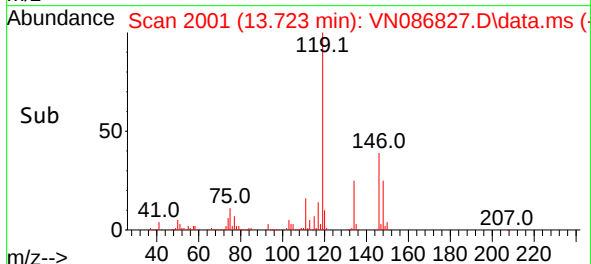
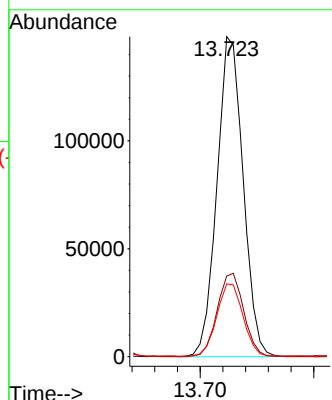
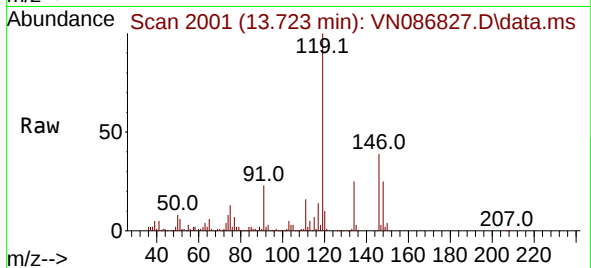
Tgt Ion:119 Resp: 237542

Ion Ratio Lower Upper

119 100

134 26.3 0.0 51.8

91 22.6 0.0 45.2



#83

1,3-Dichlorobenzene

Concen: 17.795 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

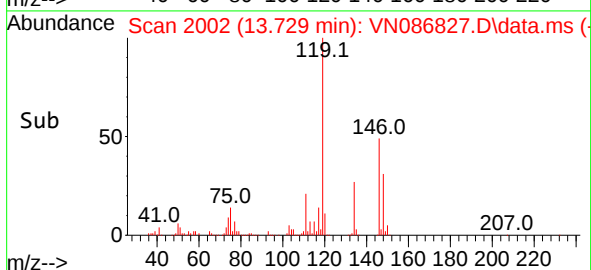
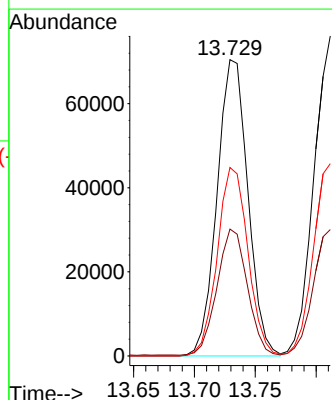
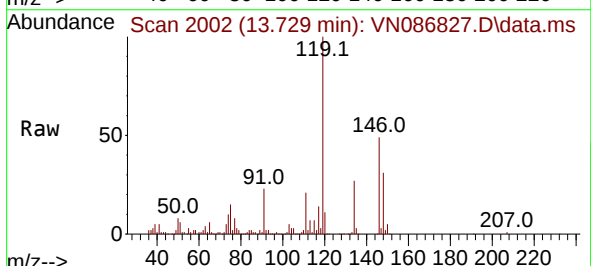
Tgt Ion:146 Resp: 124148

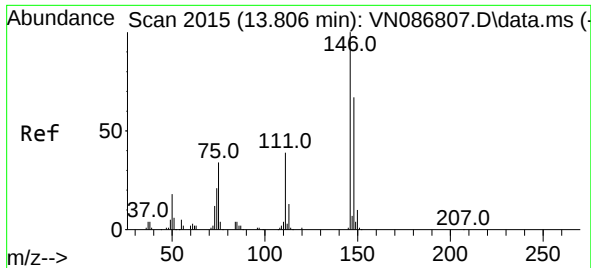
Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

148 63.3 32.1 96.5

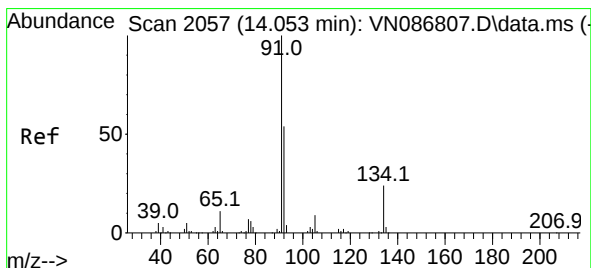
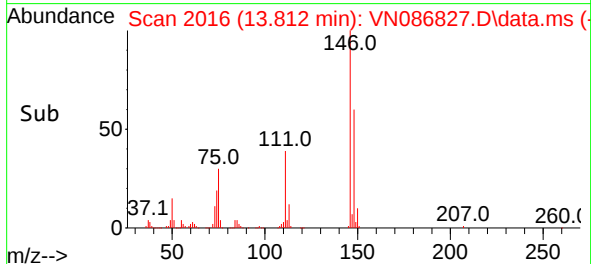
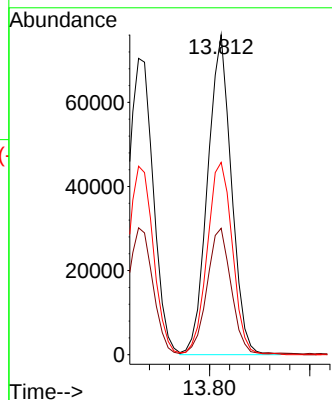
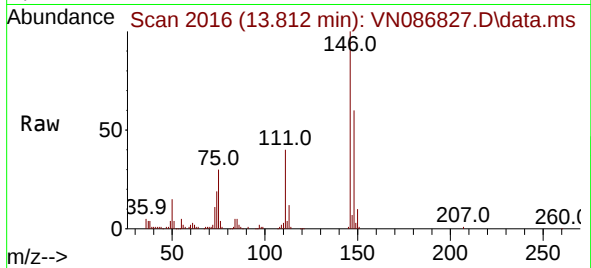




#84
1,4-Dichlorobenzene
Concen: 18.066 ug/l
RT: 13.812 min Scan# 2015
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

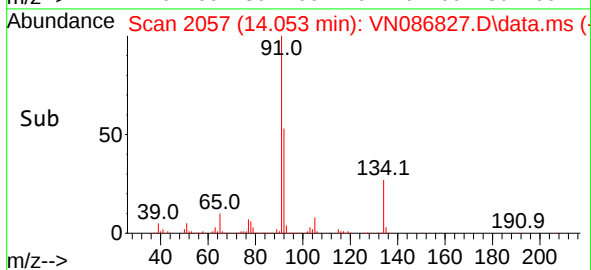
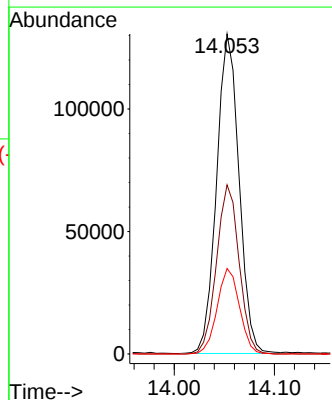
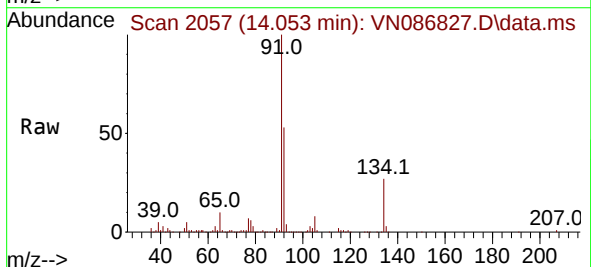
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

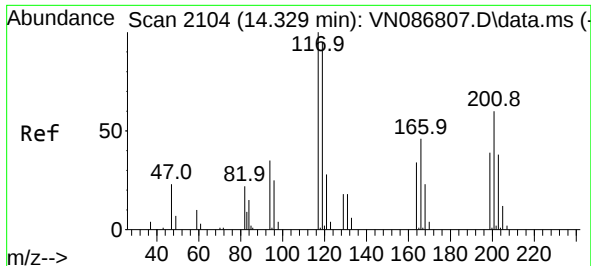
Tgt Ion:146 Resp: 125428
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.4
148 63.4 31.9 95.5



#85
n-Butylbenzene
Concen: 19.225 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion: 91 Resp: 202613
Ion Ratio Lower Upper
91 100
92 53.2 0.0 107.6
134 26.6 0.0 50.0

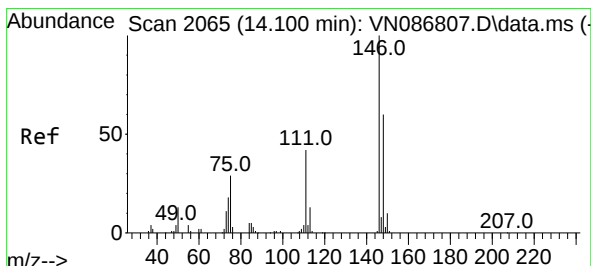
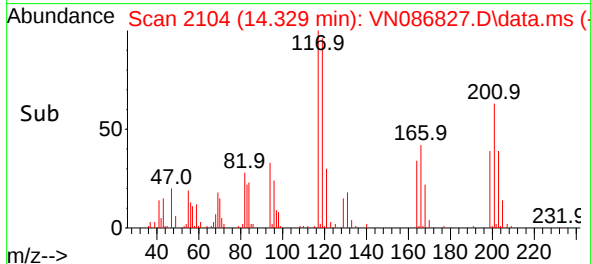
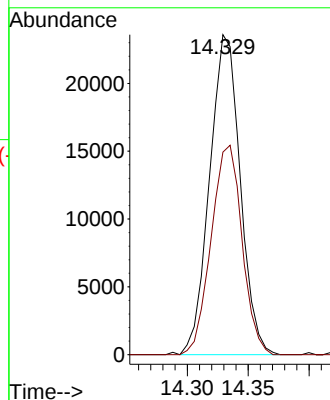
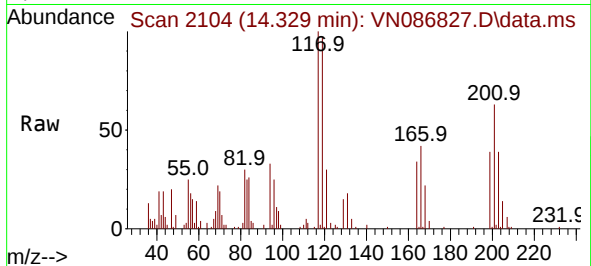




#86
Hexachloroethane
Concen: 19.198 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

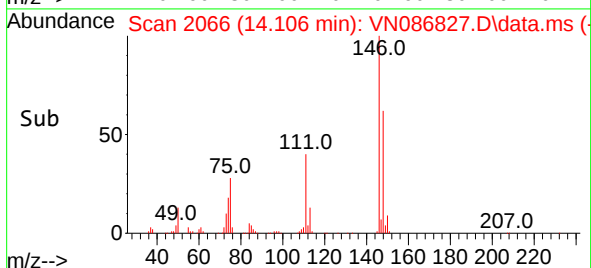
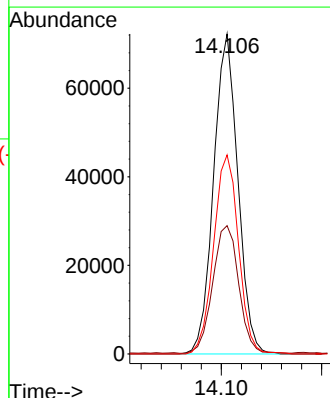
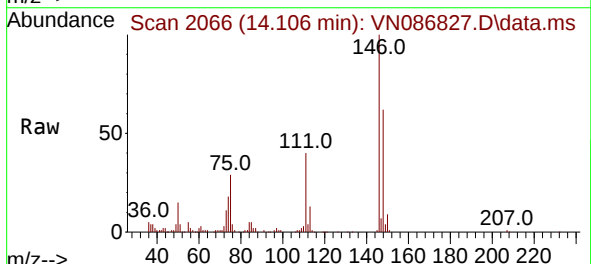
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBS01

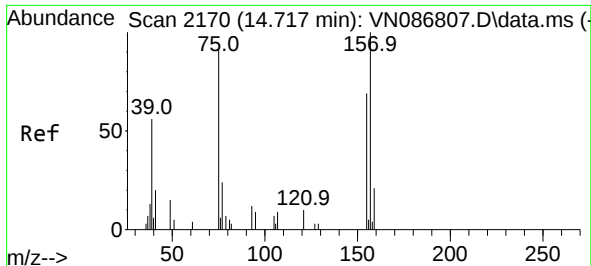
Tgt Ion:117 Resp: 41190
Ion Ratio Lower Upper
117 100
201 66.1 31.4 94.3



#87
1,2-Dichlorobenzene
Concen: 18.015 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086827.D
Acq: 30 May 2025 11:51

Tgt Ion:146 Resp: 121239
Ion Ratio Lower Upper
146 100
111 42.7 21.6 64.8
148 63.8 31.6 94.7

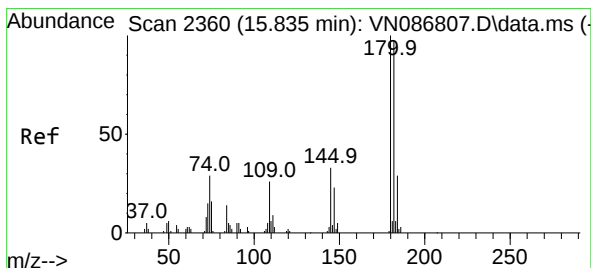
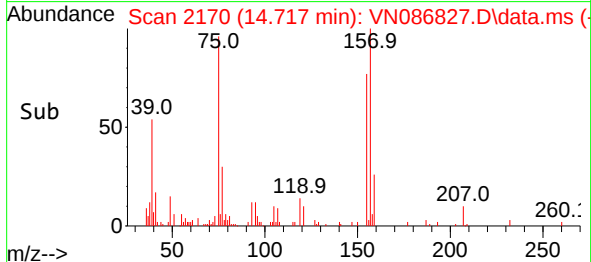
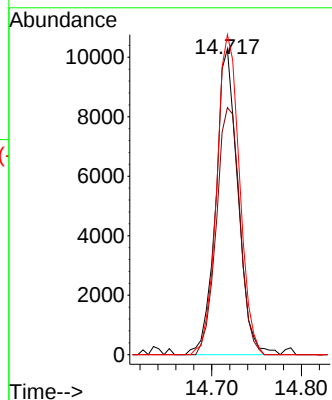
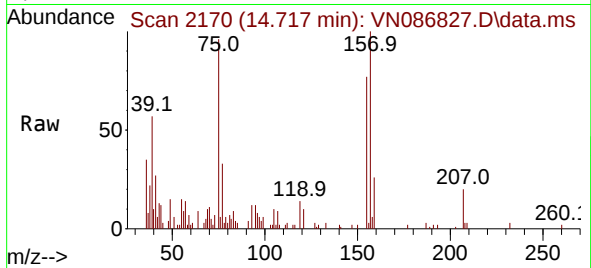




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.007 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

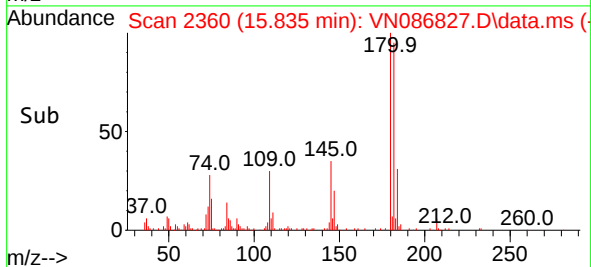
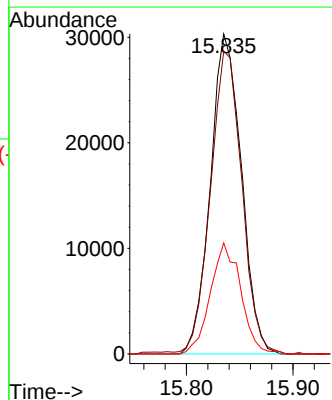
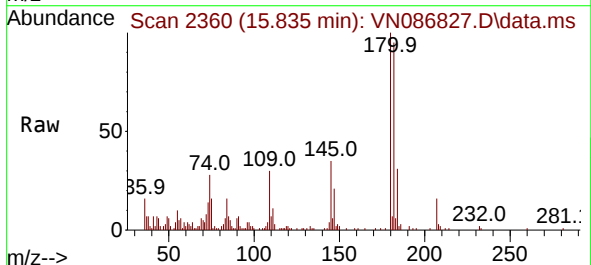
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

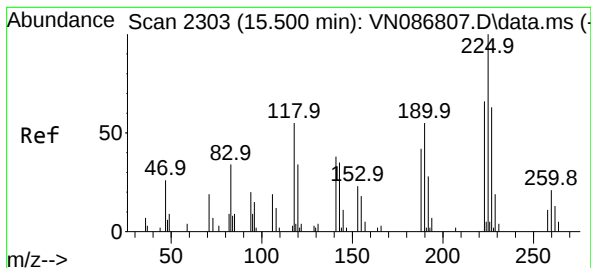
Tgt Ion: 75 Resp: 17625
 Ion Ratio Lower Upper
 75 100
 155 85.6 62.9 94.3
 157 107.5 84.0 126.0



#89
 1,2,4-Trichlorobenzene
 Concen: 21.742 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Tgt Ion: 180 Resp: 61238
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.2 117.2
 145 33.9 28.0 42.0





#90

Hexachlorobutadiene

Concen: 18.721 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBS01

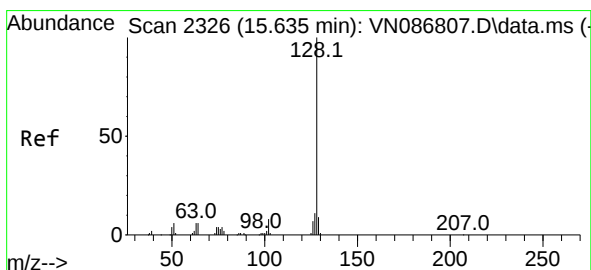
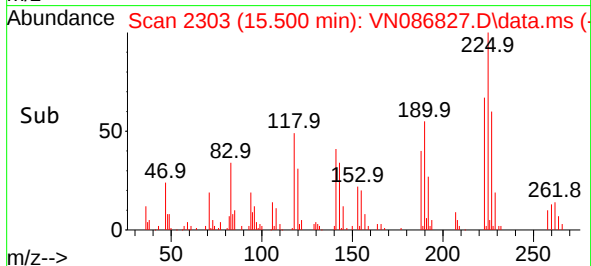
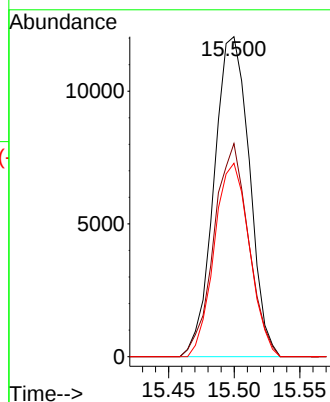
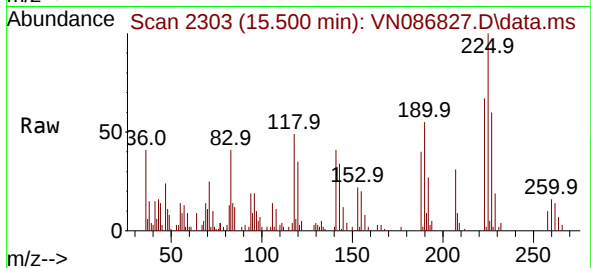
Tgt Ion:225 Resp: 22599

Ion Ratio Lower Upper

225 100

223 65.1 0.0 135.8

227 60.0 0.0 125.0



#91

Naphthalene

Concen: 23.466 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN086827.D

Acq: 30 May 2025 11:51

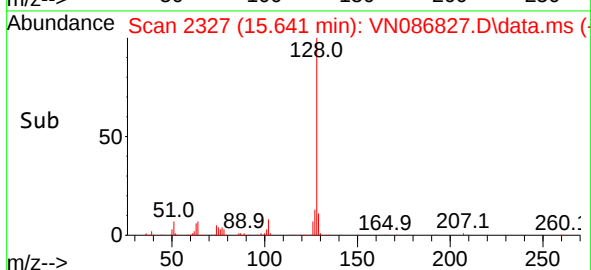
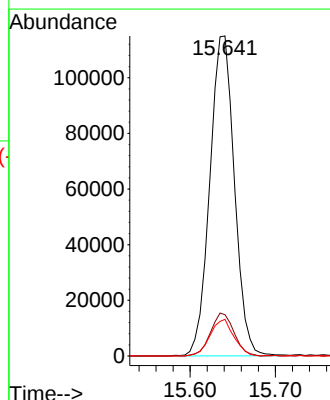
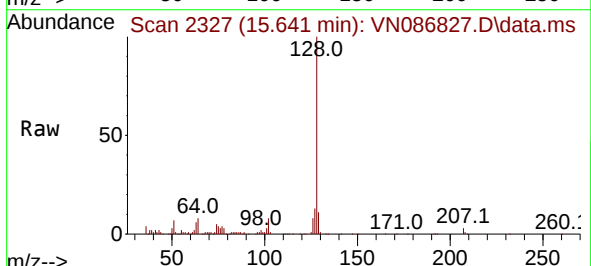
Tgt Ion:128 Resp: 230603

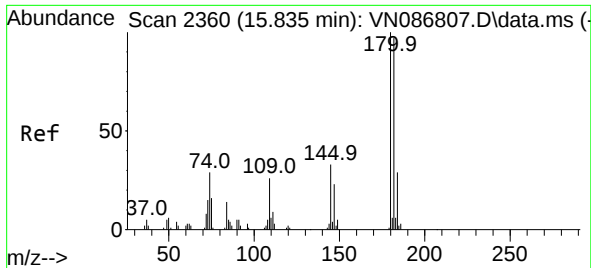
Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.6

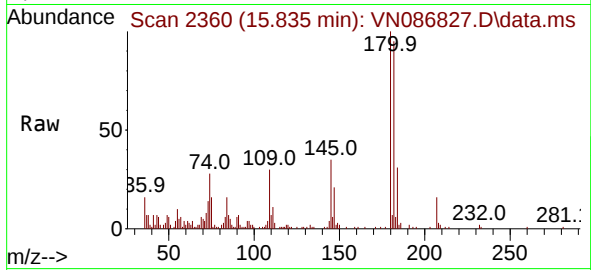
129 11.1 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 21.742 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086827.D
 Acq: 30 May 2025 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01



Tgt Ion:	180	Resp:	61238
Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	195.4
145	33.9	0.0	70.0

