

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086804.D
 Acq On : 29 May 2025 09:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: May 30 02:40:23 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	7.812	128	57636	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	333690	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	302710	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	117796	29.746	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.167%
60) 4-Bromofluorobenzene	12.847	95	145831	30.684	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.267%
63) Toluene-d8	10.565	98	403560	29.046	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113304	28.945	ug/l	100
3) Chloromethane	2.359	50	152513	30.218	ug/l	99
4) Vinyl Chloride	2.512	62	140359	30.219	ug/l	99
5) Bromomethane	2.948	94	70543	28.664	ug/l	93
6) Chloroethane	3.118	64	88299	31.082	ug/l	100
7) Trichlorofluoromethane	3.500	101	169673	31.190	ug/l	98
8) Diethyl Ether	3.953	74	70960	31.271	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	108403	32.515	ug/l	99
10) 1,1-Dichloroethene	4.342	96	106967	31.470	ug/l	99
11) Methyl Iodide	4.589	142	115177	28.745	ug/l	99
12) Methyl Acetate	5.018	43	127780	33.851	ug/l	96
13) Acrolein	4.177	56	66234	169.849	ug/l	99
14) Acrylonitrile	5.712	53	273755	155.843	ug/l	99
15) Acetone	4.418	58	92498	207.971	ug/l	84
16) Carbon Disulfide	4.712	76	290907	29.320	ug/l	99
17) Allyl chloride	5.018	41	157432	31.178	ug/l	97
18) Methylene Chloride	5.277	84	126099	31.945	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	112318	31.576	ug/l	90
20) Diisopropyl ether	6.665	45	373795	33.611	ug/l	97
21) 1,1-Dichloroethane	6.565	63	217324	32.381	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	138878	32.240	ug/l	97
23) tert-Butyl Alcohol	5.506	59	86983	154.199	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	367745	32.828	ug/l	98
25) Chloroform	7.965	83	214010	32.579	ug/l	99
26) Cyclohexane	8.253	56	189349	32.597	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	154728	31.537	ug/l	99
30) 2-Butanone	7.477	43	376149	174.981	ug/l	100
31) 2,2-Dichloropropane	7.488	77	190905	32.964	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	180120	31.670	ug/l	99
33) Carbon Tetrachloride	8.359	117	152407	31.349	ug/l	98
34) Benzene	8.600	78	501573	31.420	ug/l	97
35) Methacrylonitrile	7.771	41	76806	31.104	ug/l	92
36) 1,2-Dichloroethane	8.665	62	146295	31.274	ug/l	100
37) Trichloroethene	9.347	130	140733	31.783	ug/l	97
38) Methylcyclohexane	9.600	83	173562	31.884	ug/l	98
39) 1,2-Dichloropropane	9.618	63	122189	31.794	ug/l	100
40) Dibromomethane	9.706	93	79409	31.591	ug/l	99
41) Bromodichloromethane	9.882	83	168135	31.955	ug/l	100
42) Vinyl Acetate	6.594	43	1015281	162.029	ug/l	100

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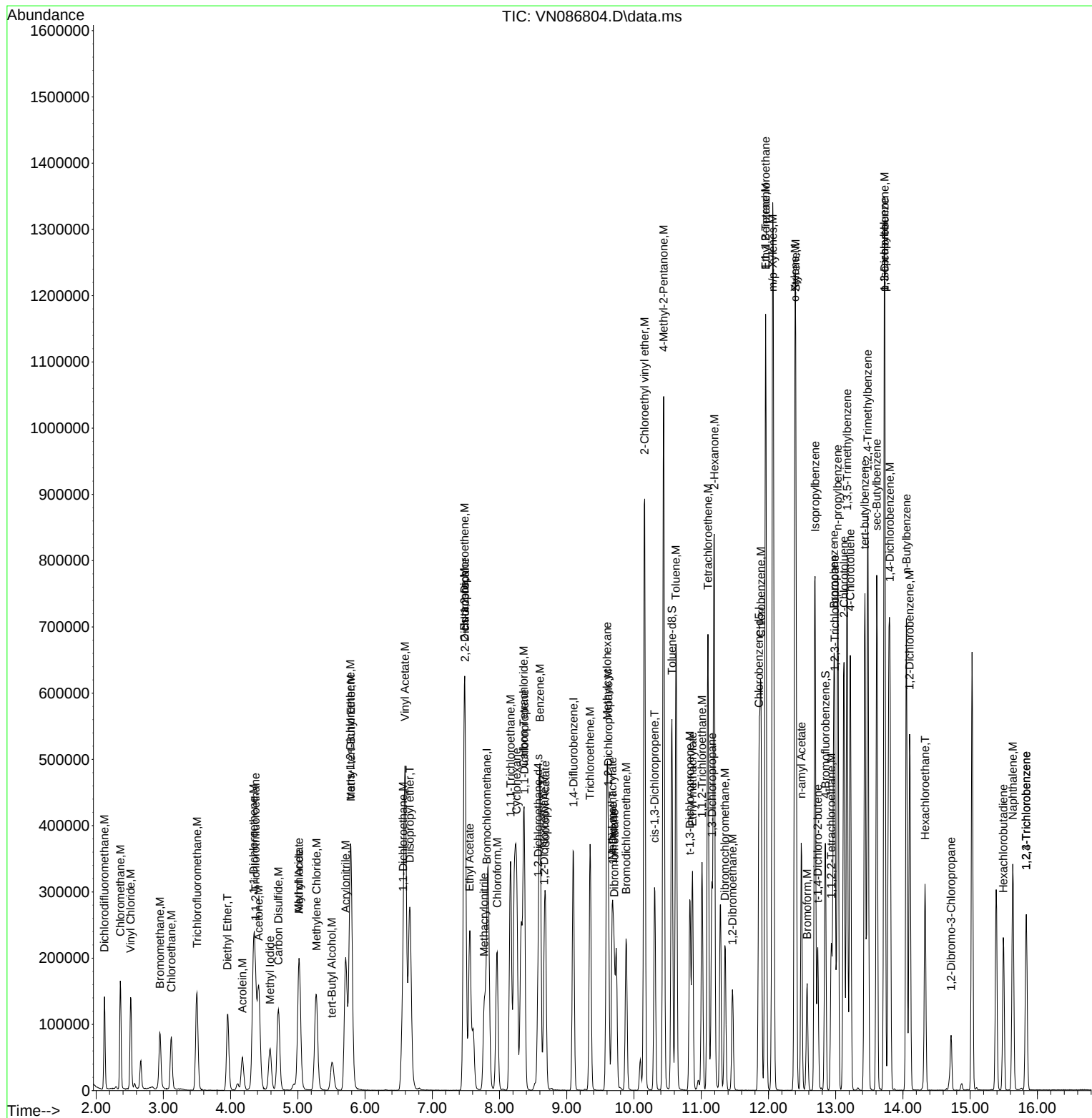
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43) Ethyl Acetate	7.553	43	118104	26.850	ug/l	95
44) Isopropyl Acetate	8.682	43	234738	31.109	ug/l	100
45) 1,4-Dioxane	9.688	88	42074	627.337	ug/l	98
46) Methyl methacrylate	9.677	41	106474	30.602	ug/l	98
47) n-amyl Acetate	12.488	43	185286	30.587	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	182093	32.340	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	198325	32.023	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	114810	32.430	ug/l	97
51) Ethyl methacrylate	10.871	69	181849	31.716	ug/l	98
52) 1,3-Dichloropropane	11.159	76	198930	31.662	ug/l	100
53) Dibromochloromethane	11.353	129	128126	32.026	ug/l	98
54) 1,2-Dibromoethane	11.465	107	113945	31.487	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	424651	154.295	ug/l	100
56) Bromoform	12.576	173	80571	31.964	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	683369	153.851	ug/l	99
59) 2-Hexanone	11.194	43	527125	165.676	ug/l	100
61) Tetrachloroethene	11.100	164	165984	32.620	ug/l	91
62) Toluene	10.624	91	537036	31.500	ug/l	100
64) Chlorobenzene	11.888	112	342734	31.523	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	113309	31.723	ug/l	99
66) Ethyl Benzene	11.959	91	595372	32.287	ug/l	96
67) m/p-Xylenes	12.065	106	467013	64.538	ug/l	99
68) o-Xylene	12.394	106	226616	32.314	ug/l	98
69) Styrene	12.406	104	380132	32.535	ug/l	99
70) Isopropylbenzene	12.694	105	549493	32.944	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	119013	30.011	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	209480	45.071	ug/l	63
73) Bromobenzene	12.976	156	133275	32.147	ug/l	100
74) n-propylbenzene	13.029	91	658739	33.342	ug/l	100
75) 2-Chlorotoluene	13.123	91	414267	32.668	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	458762	33.062	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	59206	31.128	ug/l	93
78) 4-Chlorotoluene	13.217	91	415337	33.064	ug/l	99
79) tert-butylbenzene	13.435	119	394582	32.890	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	464874	33.377	ug/l	100
81) sec-Butylbenzene	13.612	105	553642	33.874	ug/l	100
82) p-Isopropyltoluene	13.723	119	472082	34.399	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	252053	33.140	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	250743	33.129	ug/l	99
85) n-Butylbenzene	14.053	91	400024	34.817	ug/l	99
86) Hexachloroethane	14.329	117	76432	32.678	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	236205	32.195	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	24187	28.963	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	101158	32.946	ug/l	96
90) Hexachlorobutadiene	15.494	225	43364	32.952	ug/l	98
91) Naphthalene	15.635	128	327094	30.532	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	101158	32.946	ug/l	96

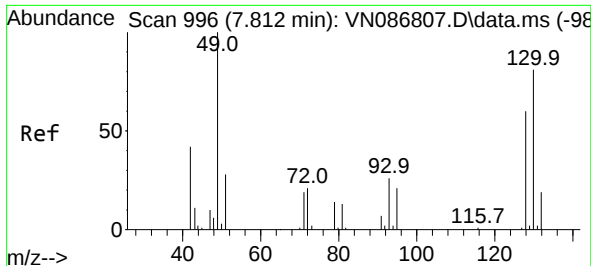
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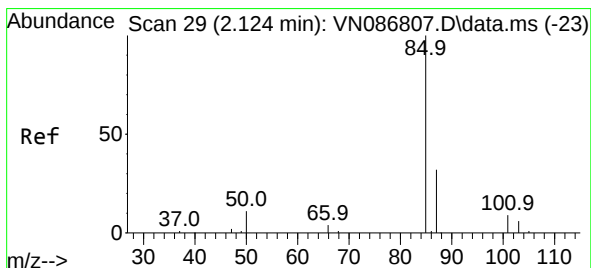
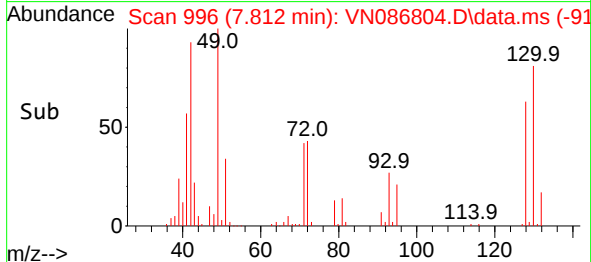
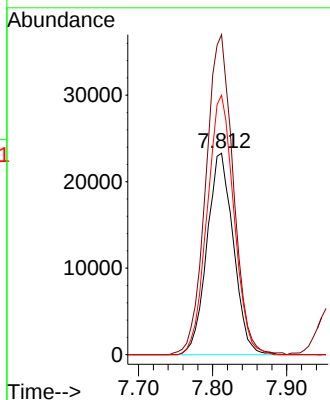
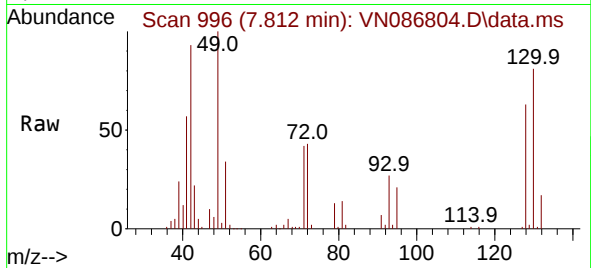




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
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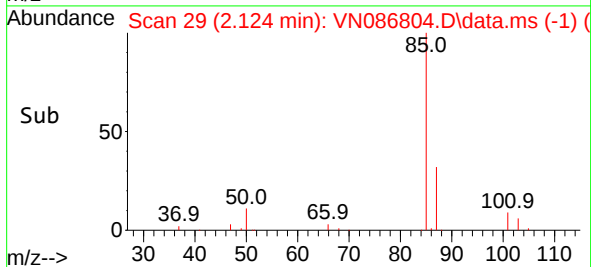
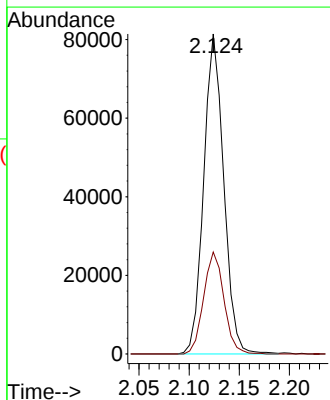
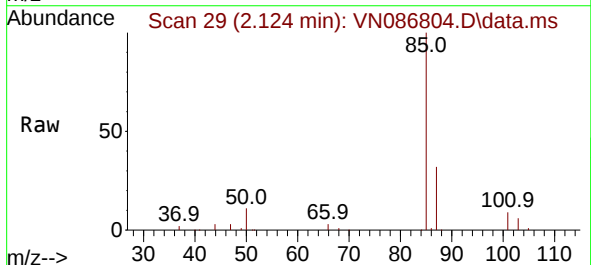
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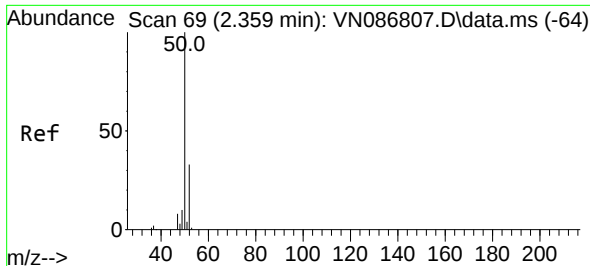
Tgt Ion:128 Resp: 57636
Ion Ratio Lower Upper
128 100
49 164.9 0.0 404.5
130 130.8 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 28.945 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 85 Resp: 113304
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.7

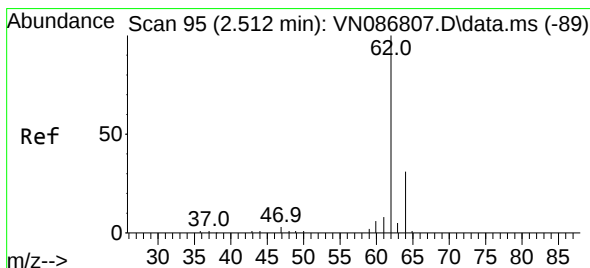
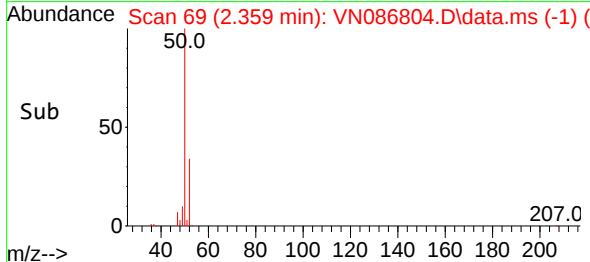
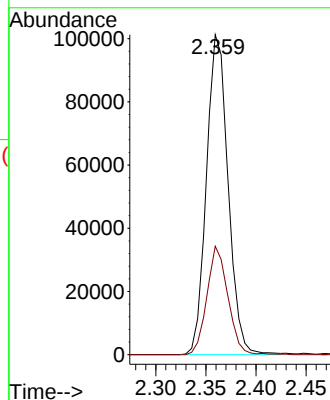
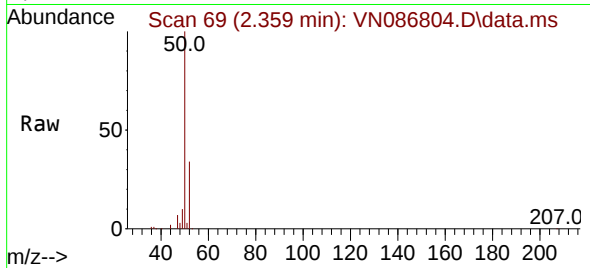




#3
Chloromethane
Concen: 30.218 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

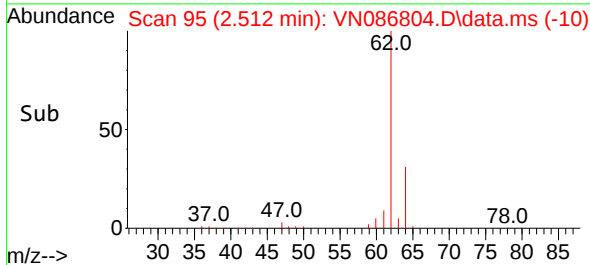
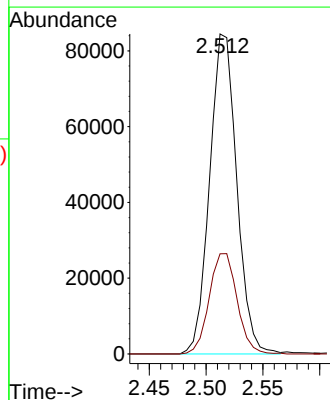
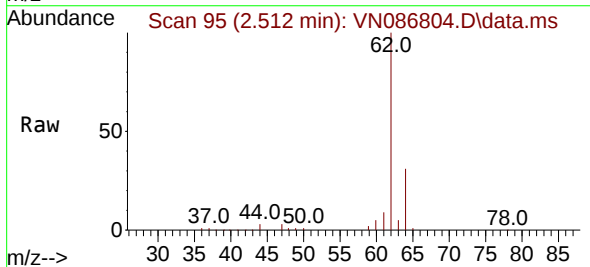
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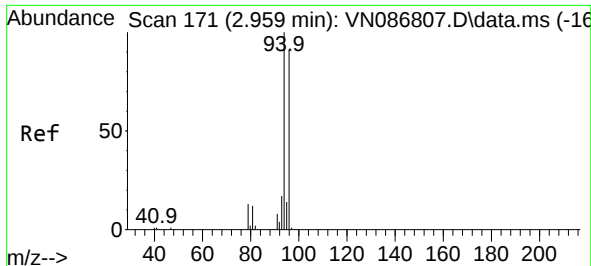
Tgt Ion: 50 Resp: 152513
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 30.219 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086804.D
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Tgt Ion: 62 Resp: 140359
Ion Ratio Lower Upper
62 100
64 31.3 24.6 36.8

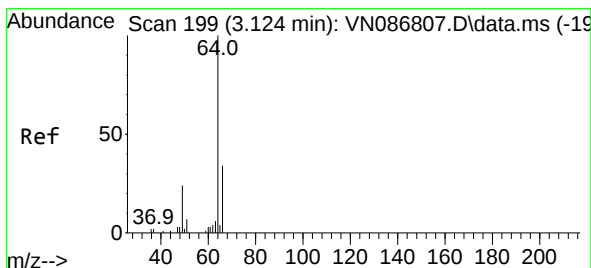
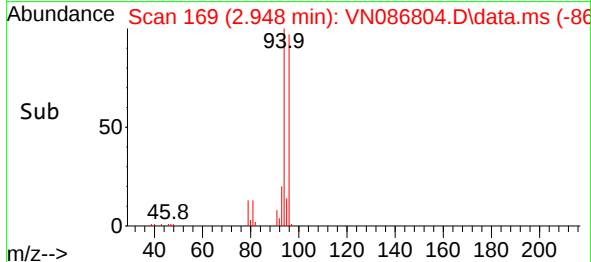
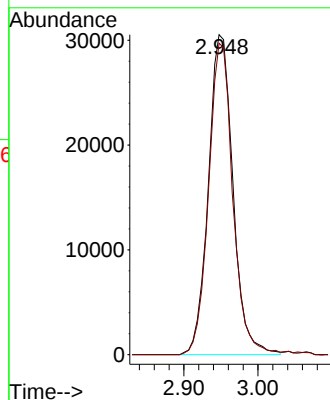
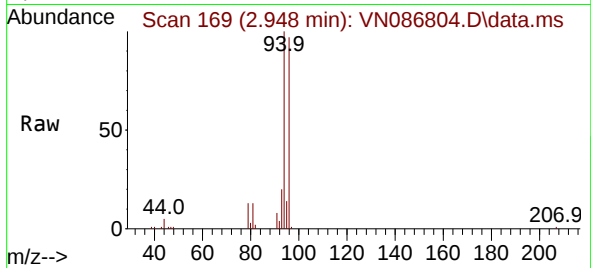




#5
Bromomethane
Concen: 28.664 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.012 min
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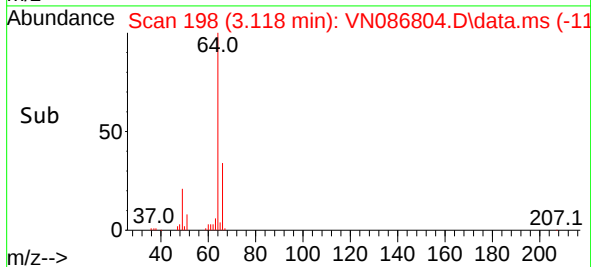
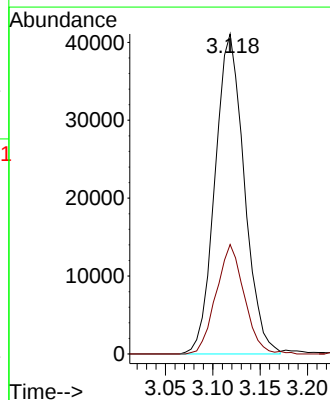
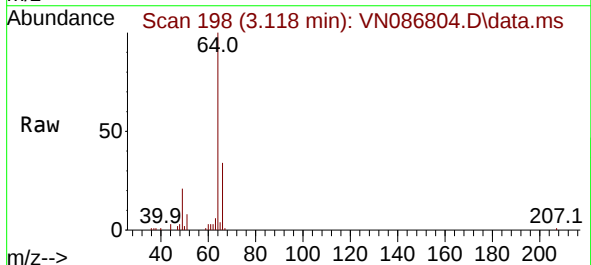
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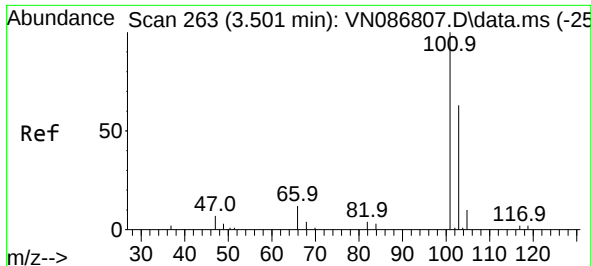
Tgt Ion: 94 Resp: 70543
Ion Ratio Lower Upper
94 100
96 97.3 72.7 109.1



#6
Chloroethane
Concen: 31.082 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086804.D
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Tgt Ion: 64 Resp: 88299
Ion Ratio Lower Upper
64 100
66 34.2 27.5 41.3

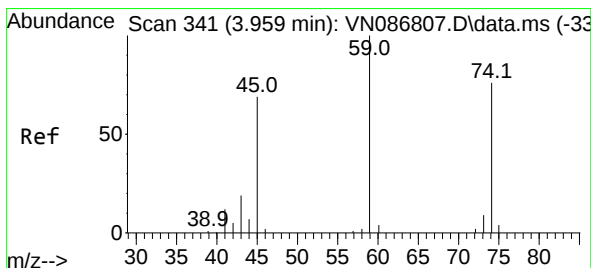
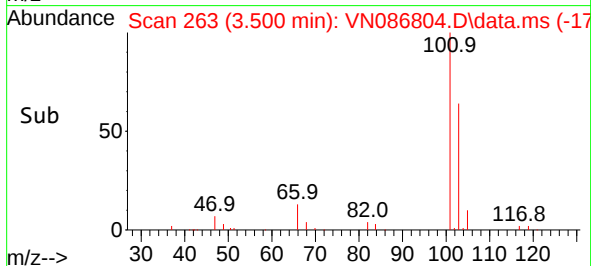
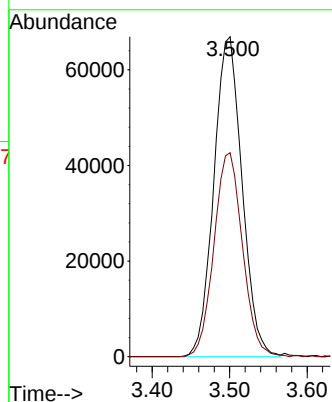
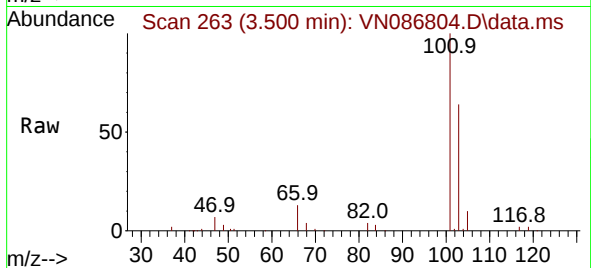




#7
 Trichlorofluoromethane
 Concen: 31.190 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.000 min
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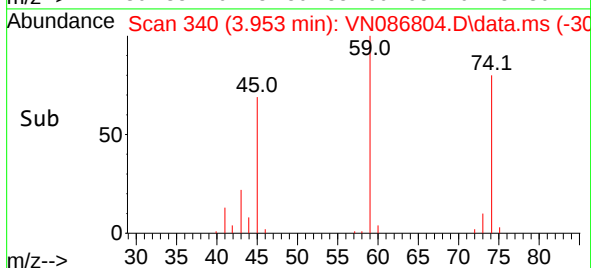
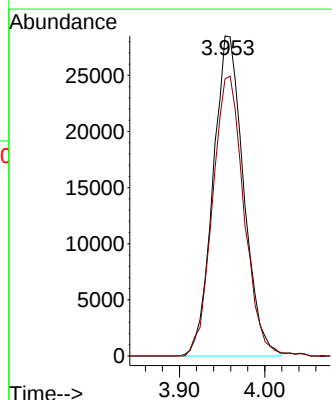
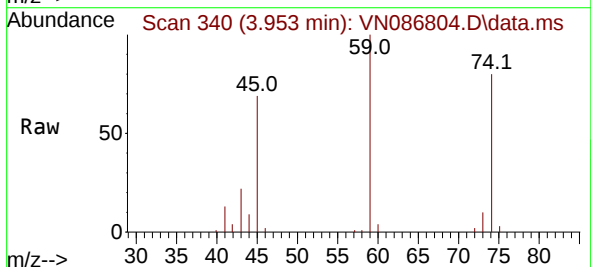
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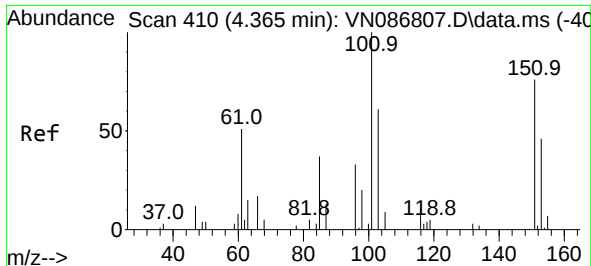
Tgt Ion:101 Resp: 169673
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.0 75.0



#8
 Diethyl Ether
 Concen: 31.271 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion: 74 Resp: 70960
 Ion Ratio Lower Upper
 74 100
 45 89.8 17.9 161.5

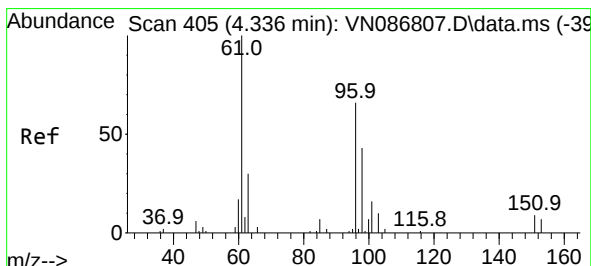
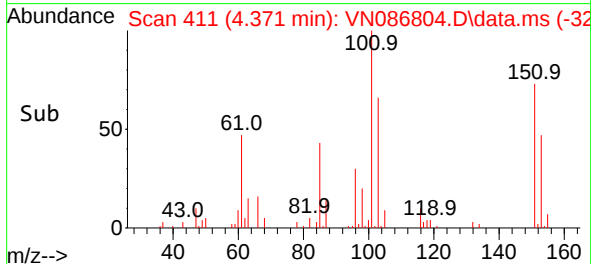
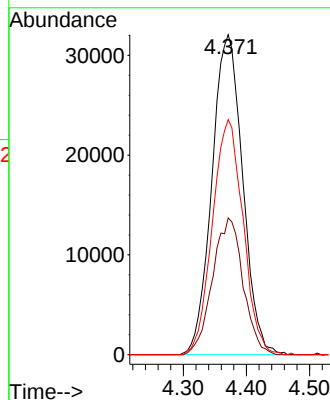
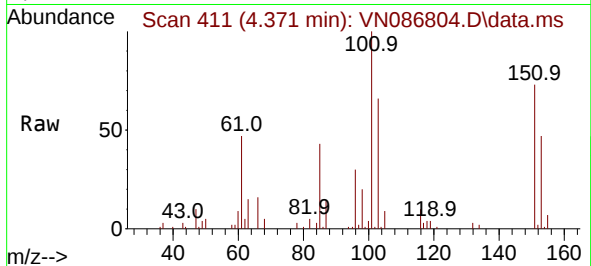




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 32.515 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
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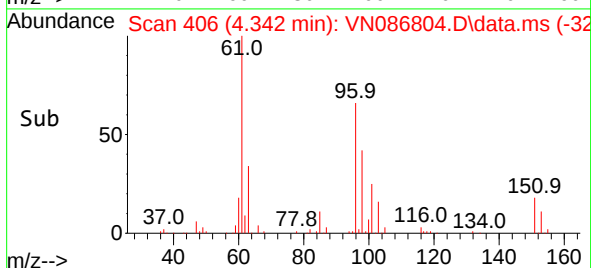
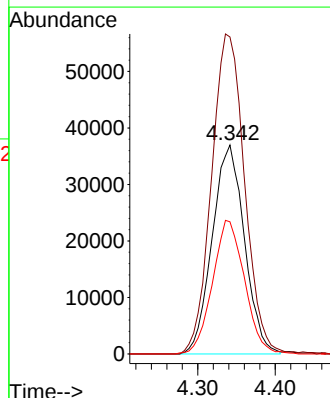
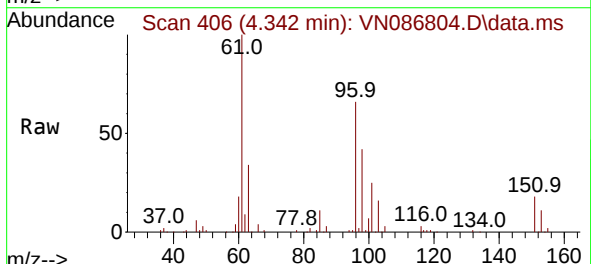
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 ClientSampleId :
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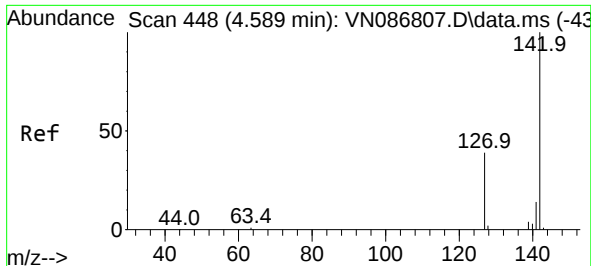
Tgt Ion:101 Resp: 108403
 Ion Ratio Lower Upper
 101 100
 85 42.5 0.0 83.2
 151 73.3 0.0 145.6



#10
 1,1-Dichloroethene
 Concen: 31.470 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

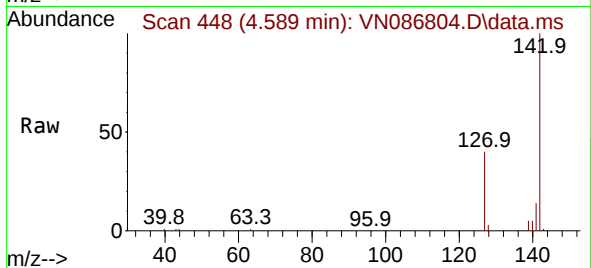
Tgt Ion: 96 Resp: 106967
 Ion Ratio Lower Upper
 96 100
 61 151.7 121.7 182.5
 98 62.7 51.9 77.9



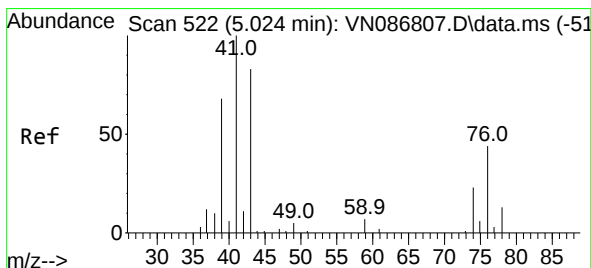
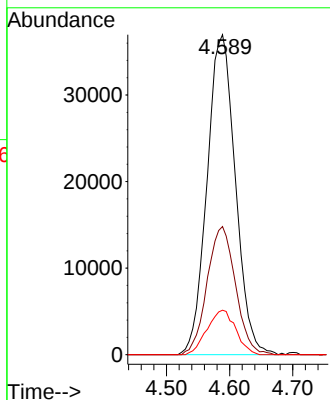
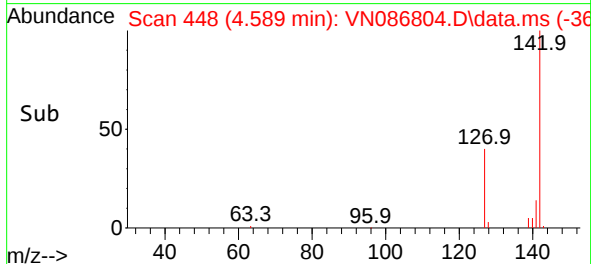


#11
Methyl Iodide
Concen: 28.745 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

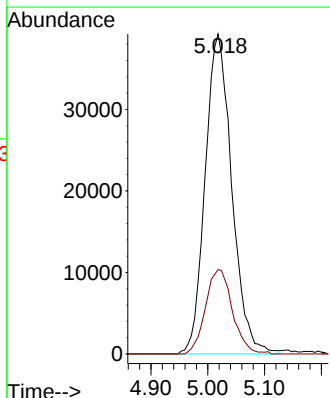
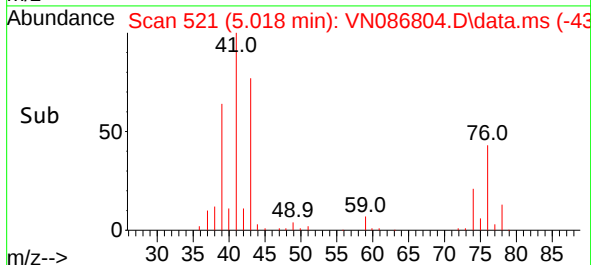
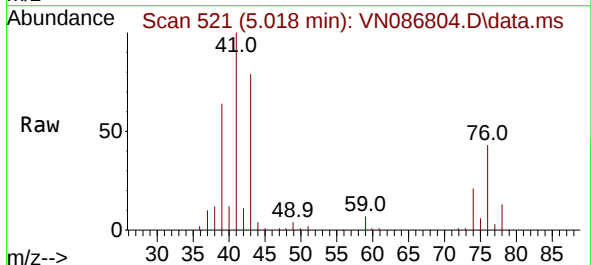


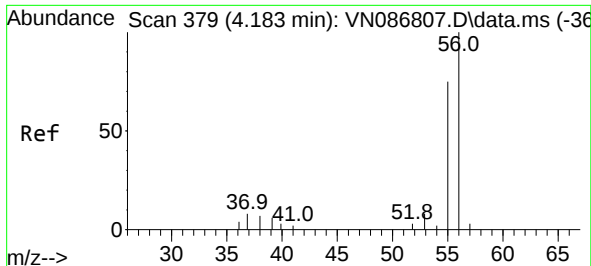
Tgt Ion:142 Resp: 115177
Ion Ratio Lower Upper
142 100
127 40.0 19.5 58.5
141 13.9 7.1 21.4



#12
Methyl Acetate
Concen: 33.851 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 43 Resp: 127780
Ion Ratio Lower Upper
43 100
74 26.5 22.7 34.1

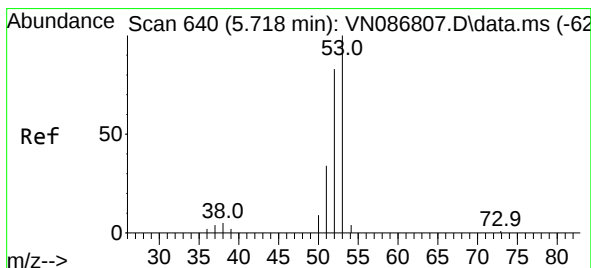
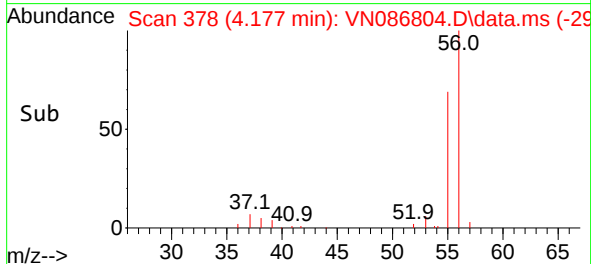
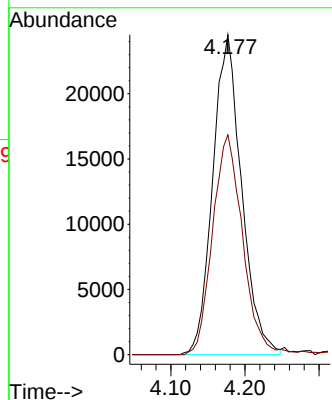
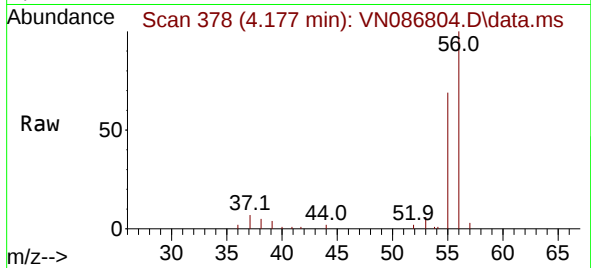




#13
Acrolein
Concen: 169.849 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

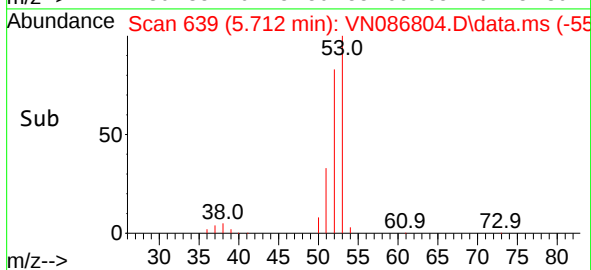
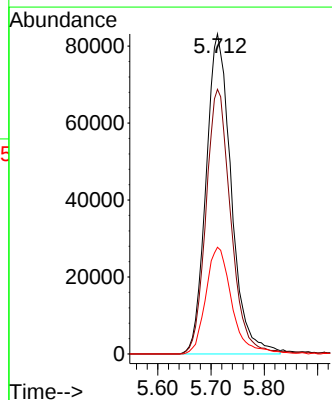
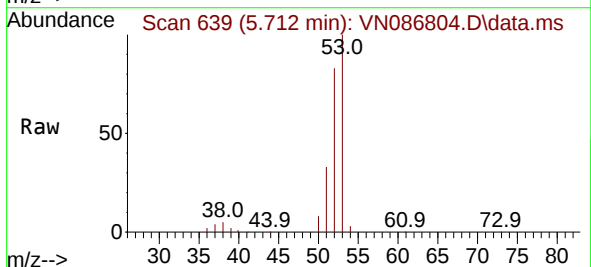
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

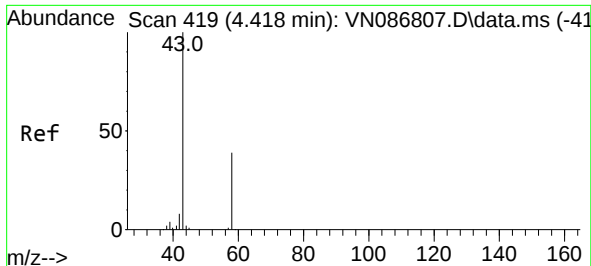
Tgt Ion: 56 Resp: 66234
Ion Ratio Lower Upper
56 100
55 70.8 55.9 83.9



#14
Acrylonitrile
Concen: 155.843 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 53 Resp: 273755
Ion Ratio Lower Upper
53 100
52 80.9 40.0 119.9
51 34.4 17.5 52.6





#15

Acetone

Concen: 207.971 ug/l

RT: 4.418 min Scan# 419

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

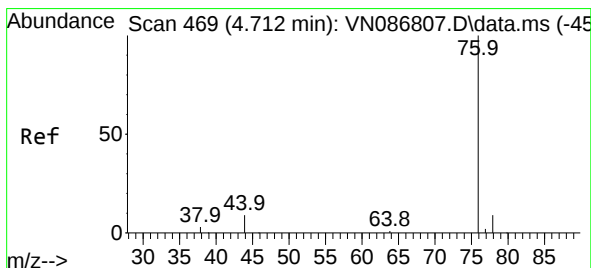
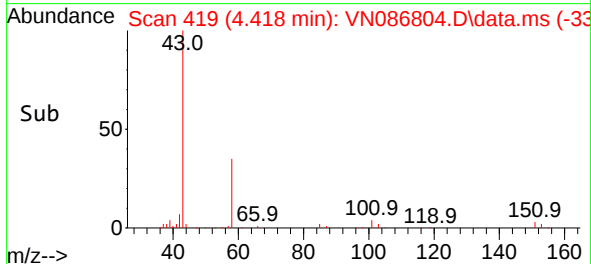
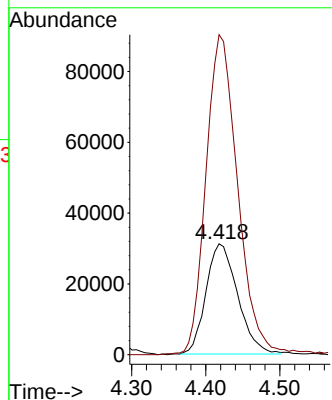
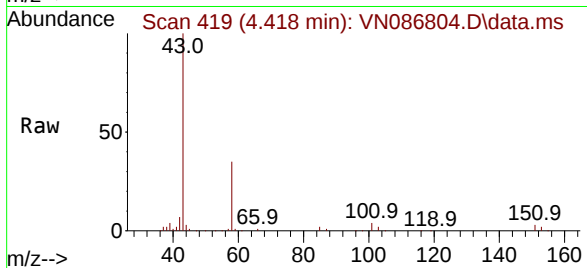
VSTDCCC020

Tgt Ion: 58 Resp: 92498

Ion Ratio Lower Upper

58 100

43 289.1 207.7 311.5



#16

Carbon Disulfide

Concen: 29.320 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086804.D

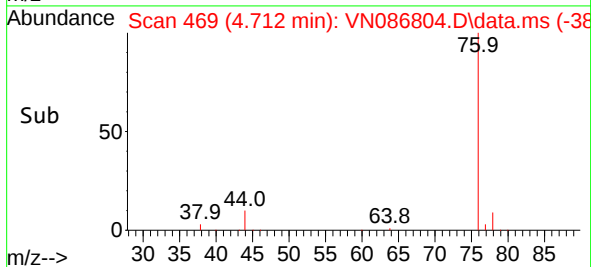
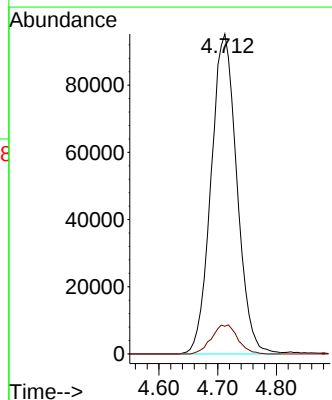
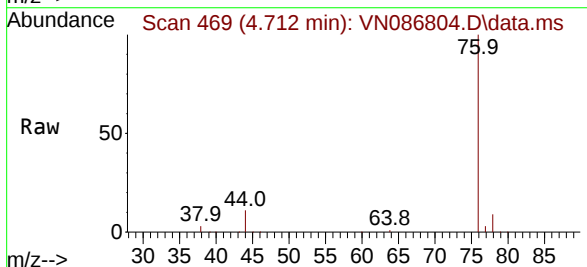
Acq: 29 May 2025 09:56

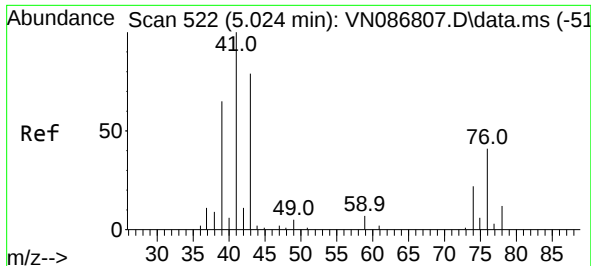
Tgt Ion: 76 Resp: 290907

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

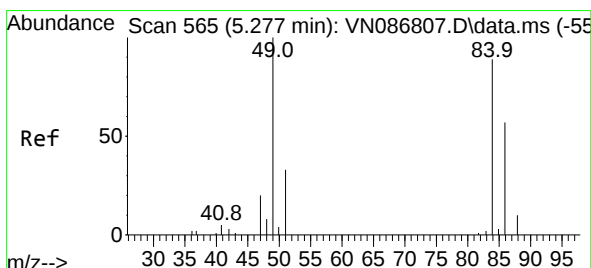
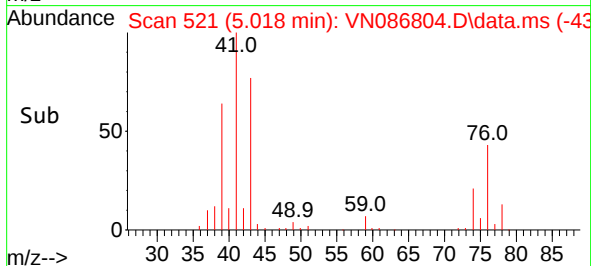
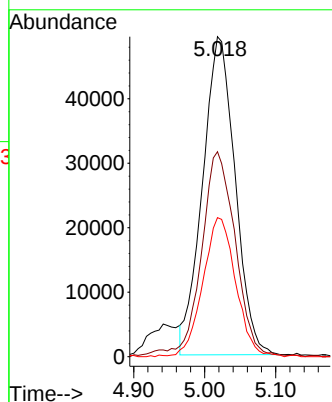
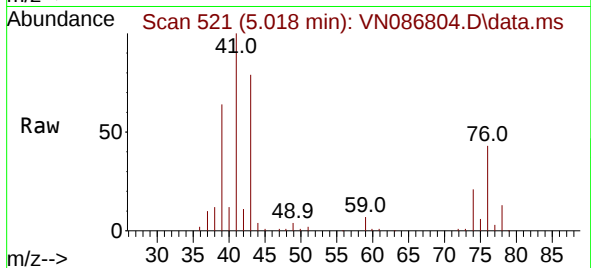




#17
 Allyl chloride
 Concen: 31.178 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

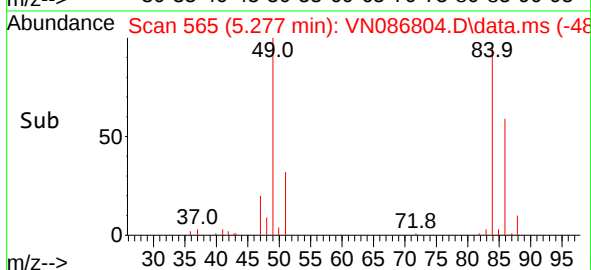
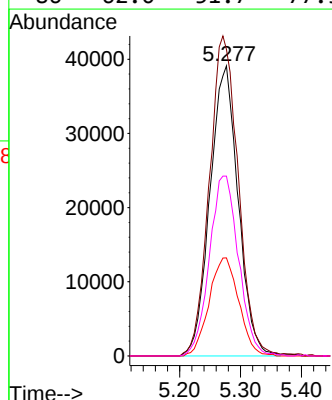
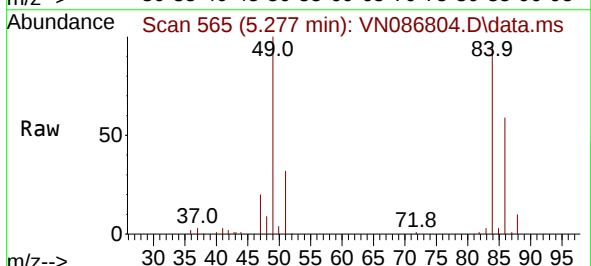
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

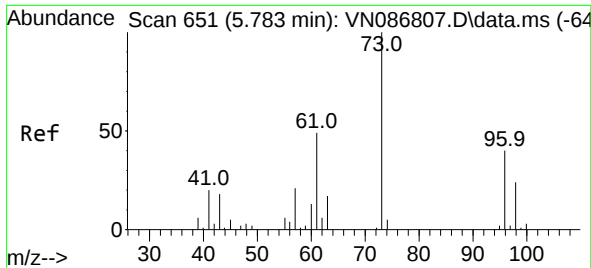
Tgt Ion: 41 Resp: 157432
 Ion Ratio Lower Upper
 41 100
 39 63.9 31.6 94.8
 76 43.3 20.1 60.2



#18
 Methylene Chloride
 Concen: 31.945 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion: 84 Resp: 126099
 Ion Ratio Lower Upper
 84 100
 49 105.7 89.9 134.9
 51 33.8 29.6 44.4
 86 62.0 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 31.576 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

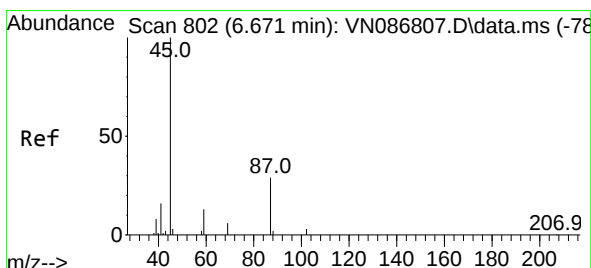
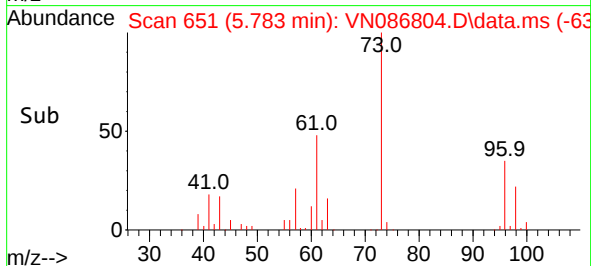
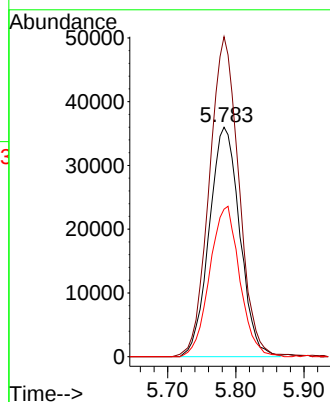
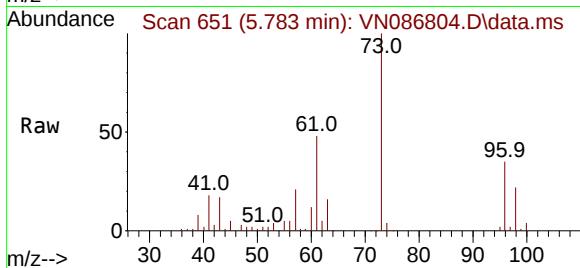
Tgt Ion: 96 Resp: 112318

Ion Ratio Lower Upper

96 100

61 138.5 98.9 148.3

98 64.3 49.0 73.4



#20

Diisopropyl ether

Concen: 33.611 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Tgt Ion: 45 Resp: 373795

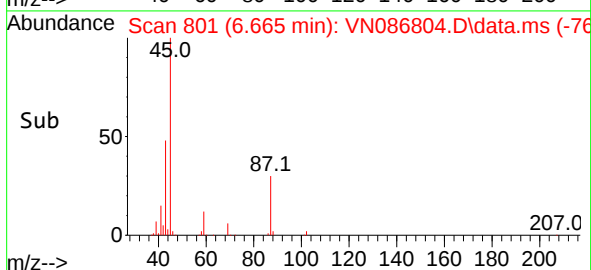
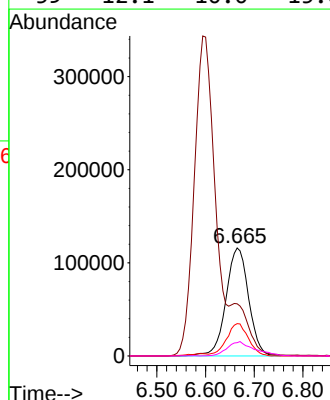
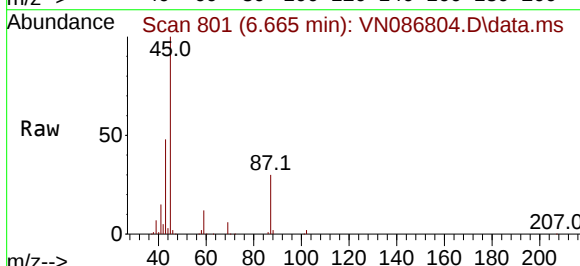
Ion Ratio Lower Upper

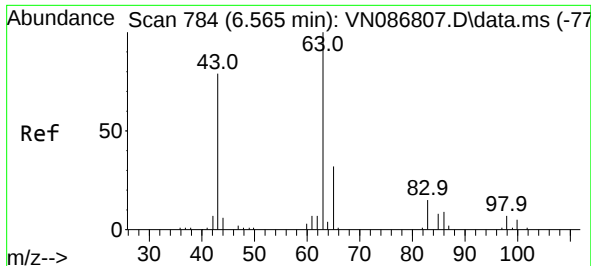
45 100

43 47.4 40.3 60.5

87 29.9 24.1 36.1

59 12.1 10.0 15.0

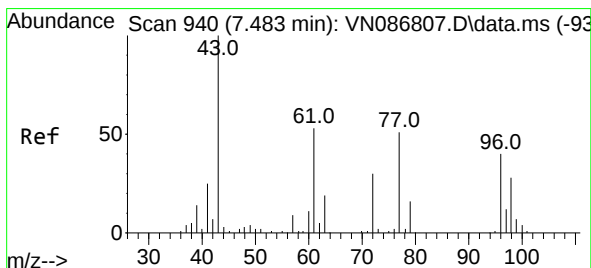
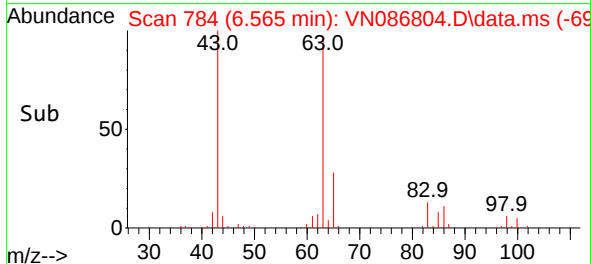
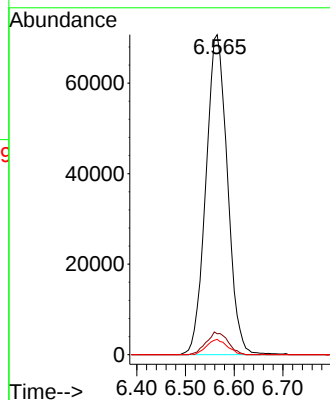
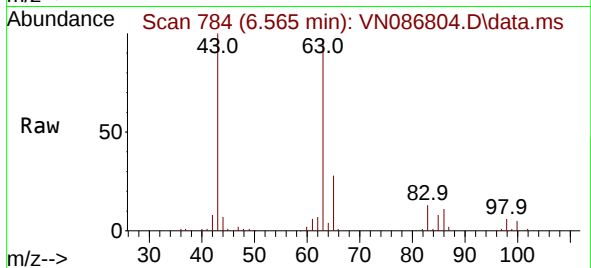




#21
1,1-Dichloroethane
Concen: 32.381 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

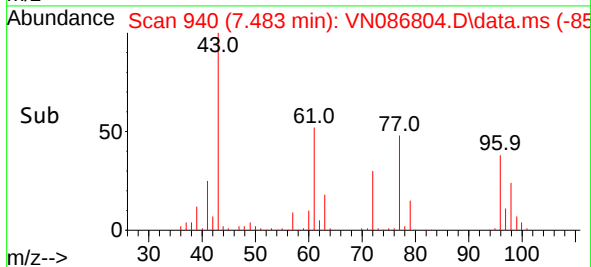
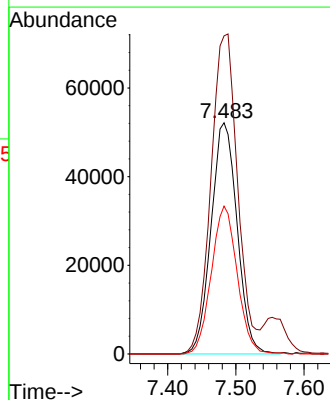
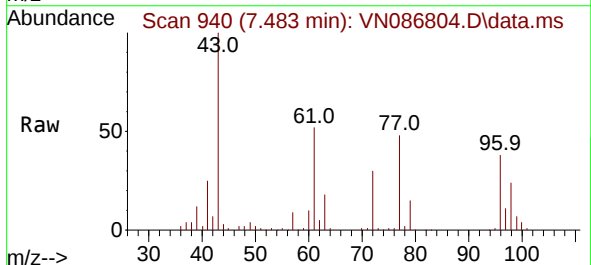
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

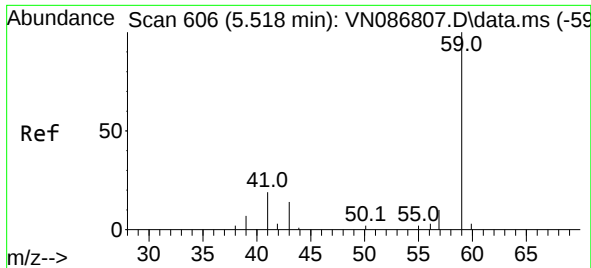
Tgt Ion: 63 Resp: 217324
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.2
100 4.8 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 32.240 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 96 Resp: 138878
Ion Ratio Lower Upper
96 100
61 142.4 110.7 166.1
98 63.3 51.8 77.8

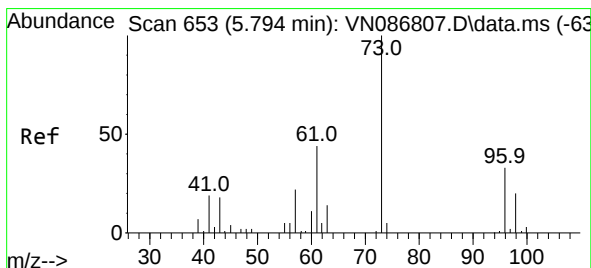
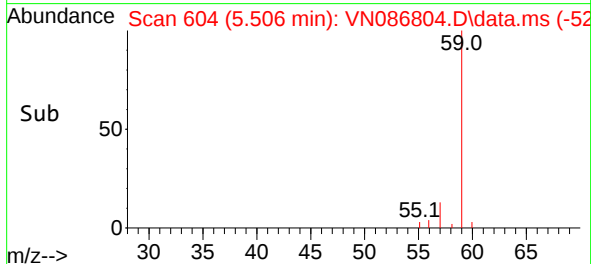
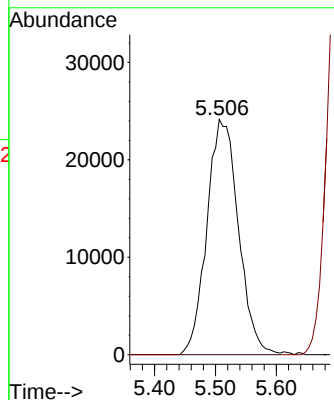
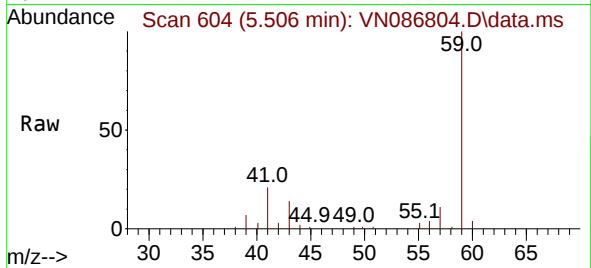




#23
 tert-Butyl Alcohol
 Concen: 154.199 ug/l
 RT: 5.506 min Scan# 604
 Delta R.T. -0.012 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

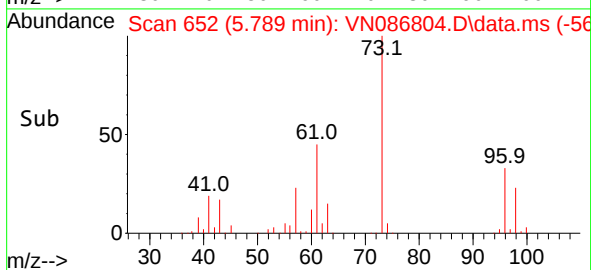
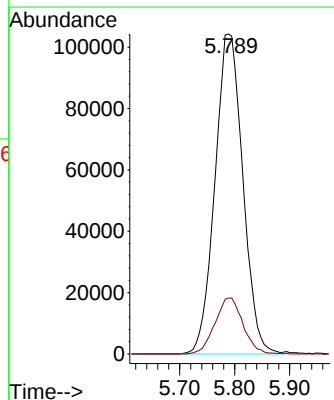
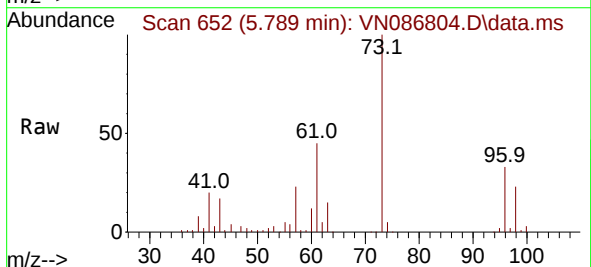
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

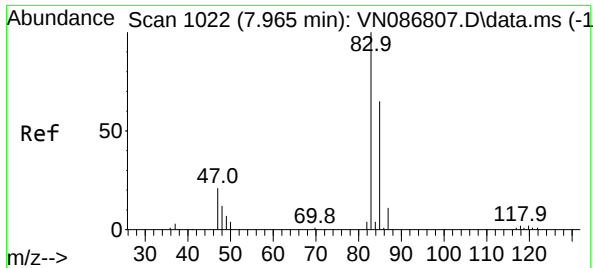
Tgt Ion: 59 Resp: 86983
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 32.828 ug/l
 RT: 5.789 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion: 73 Resp: 367745
 Ion Ratio Lower Upper
 73 100
 43 17.5 14.6 22.0

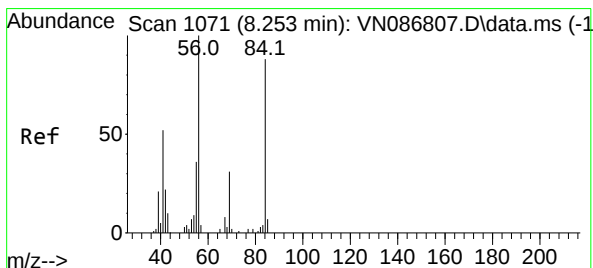
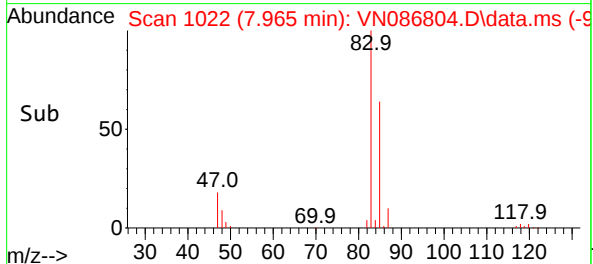
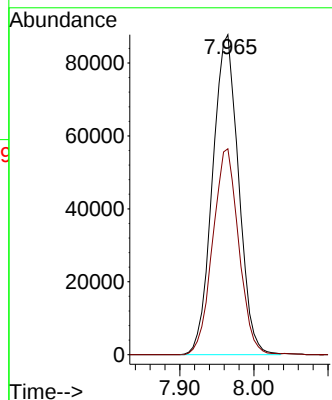
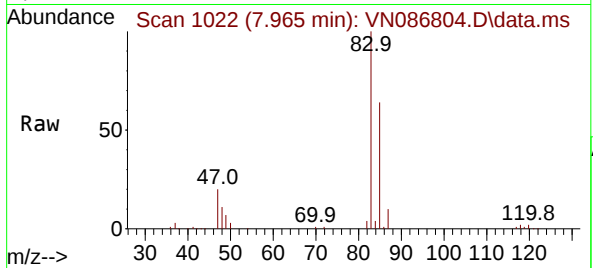




#25
Chloroform
Concen: 32.579 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

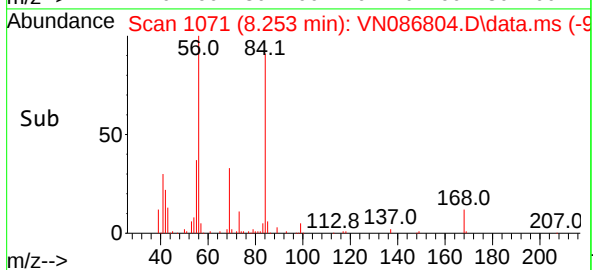
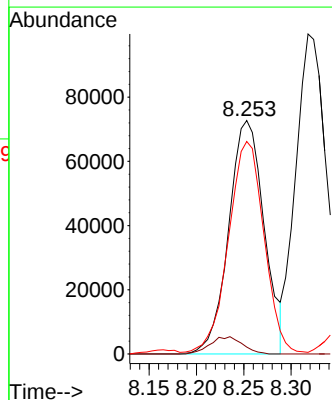
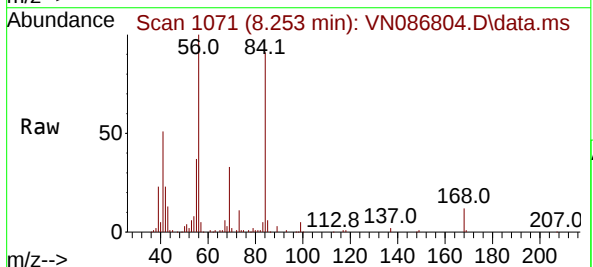
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

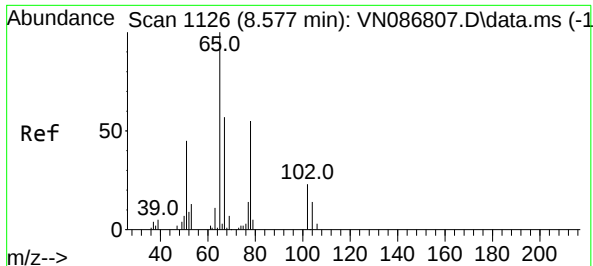
Tgt Ion: 83 Resp: 214010
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8



#26
Cyclohexane
Concen: 32.597 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 56 Resp: 189349
Ion Ratio Lower Upper
56 100
89 6.7 0.0 0.0#
84 91.9 70.4 105.6

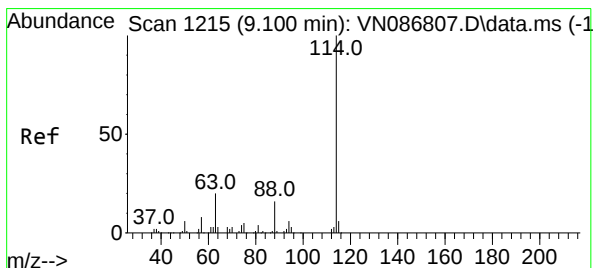
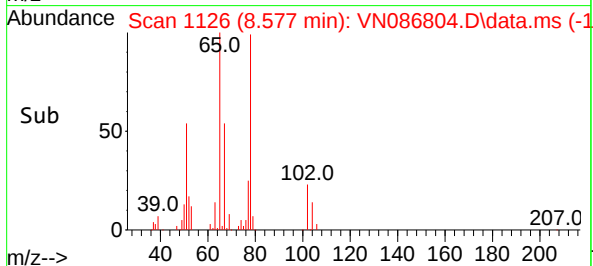
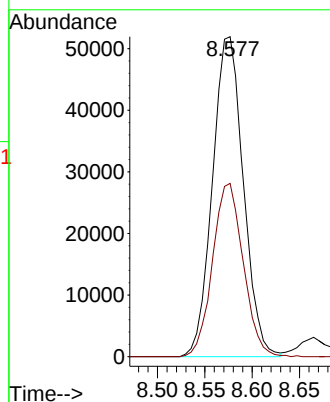
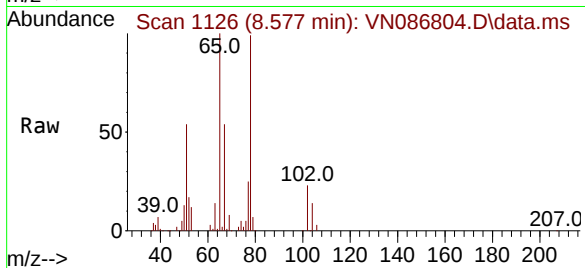




#27
1,2-Dichloroethane-d4
Concen: 29.746 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

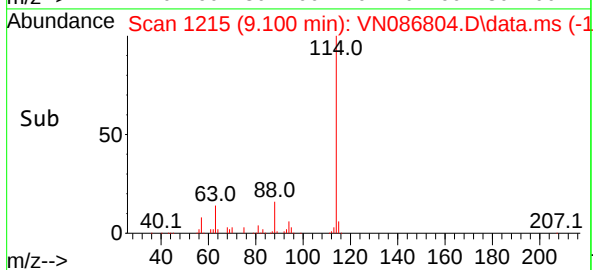
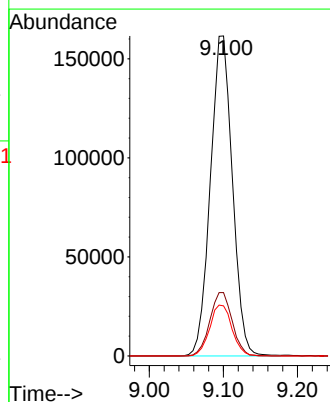
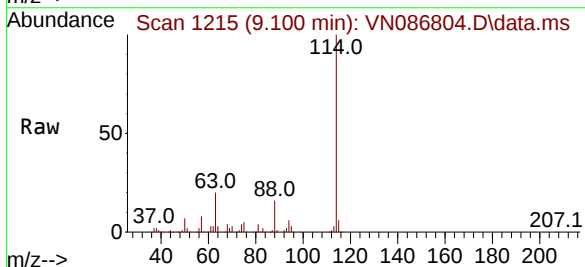
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

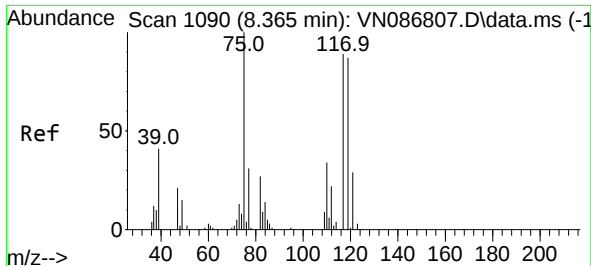
Tgt Ion: 65 Resp: 117796
Ion Ratio Lower Upper
65 100
67 53.7 44.6 67.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 114 Resp: 333690
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.8
88 16.1 12.9 19.3

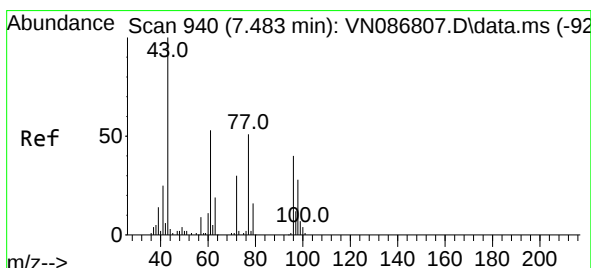
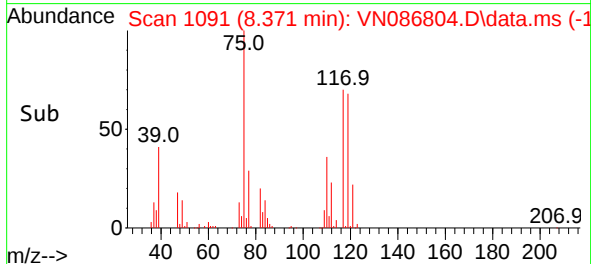
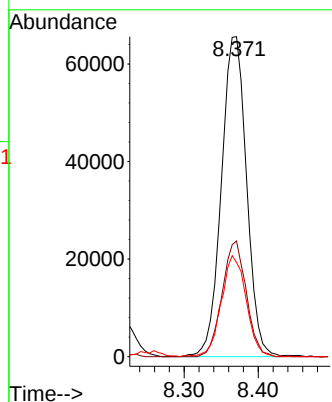
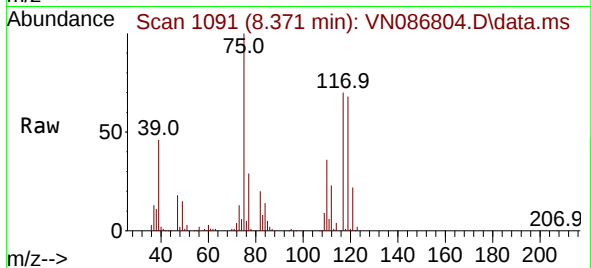




#29
1,1-Dichloropropene
Concen: 31.537 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

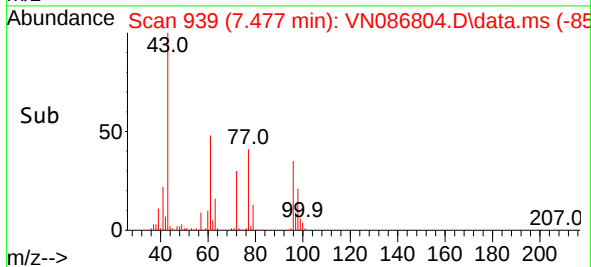
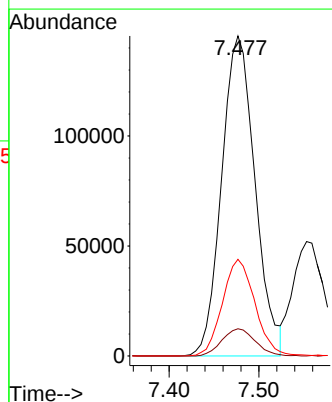
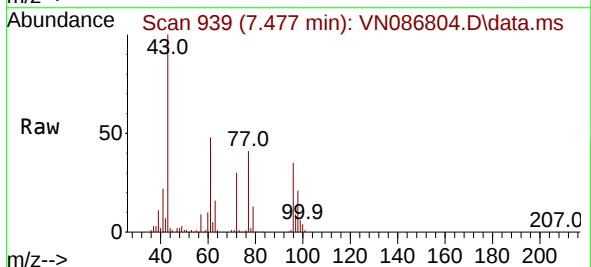
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

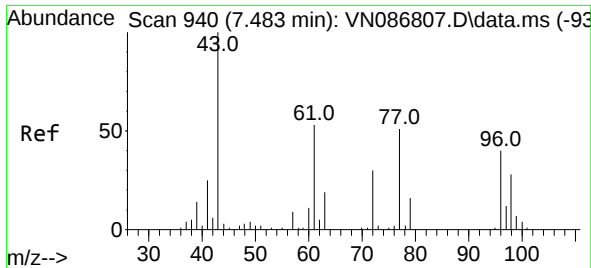
Tgt Ion: 75 Resp: 154728
Ion Ratio Lower Upper
75 100
110 34.5 0.0 71.0
77 31.2 0.0 62.4



#30
2-Butanone
Concen: 174.981 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 43 Resp: 376149
Ion Ratio Lower Upper
43 100
57 8.5 6.8 10.2
72 29.4 23.4 35.0

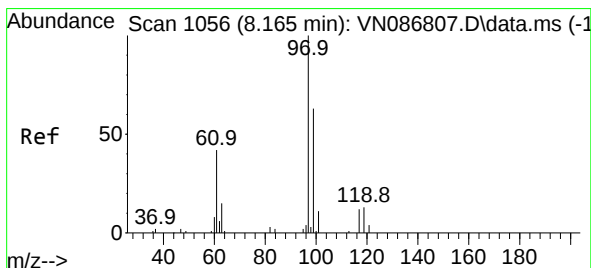
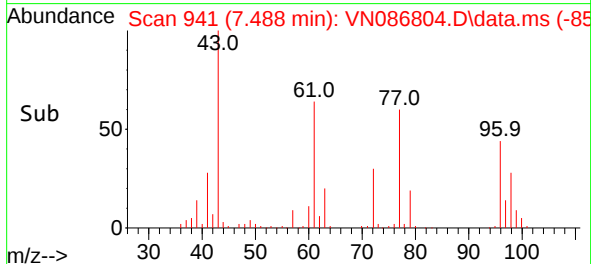
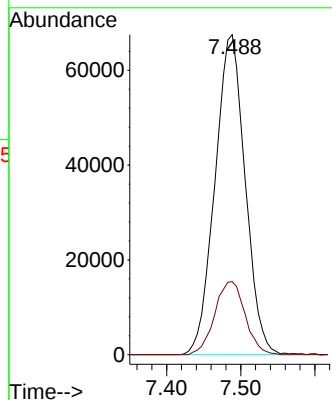
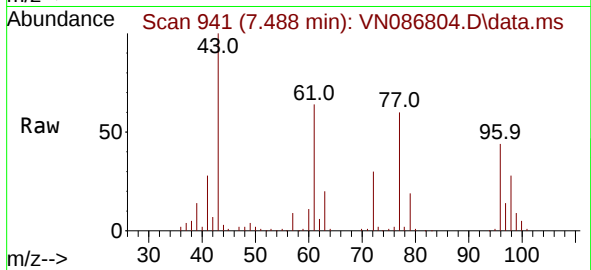




#31
2,2-Dichloropropane
Concen: 32.964 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

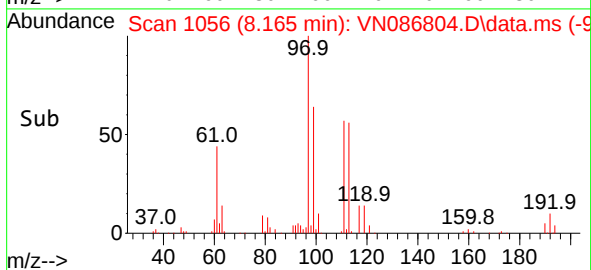
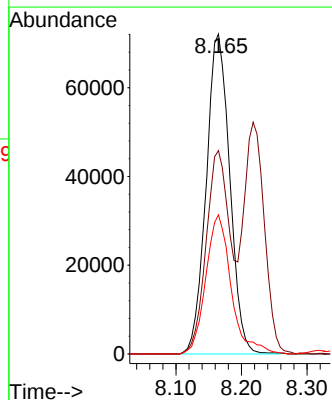
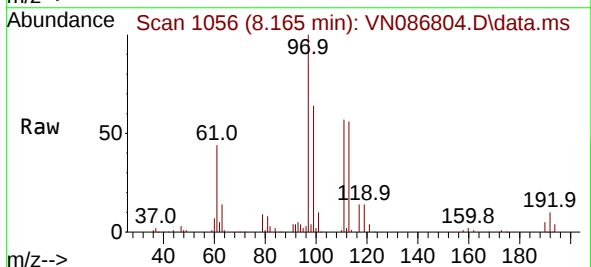
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

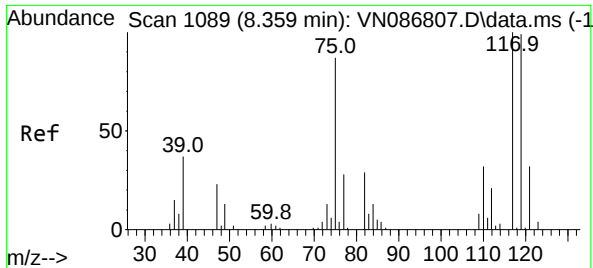
Tgt Ion: 77 Resp: 190905
Ion Ratio Lower Upper
77 100
97 23.0 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 31.670 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 97 Resp: 180120
Ion Ratio Lower Upper
97 100
99 65.8 51.7 77.5
61 44.8 35.4 53.2

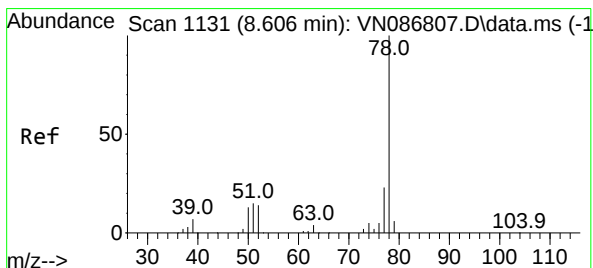
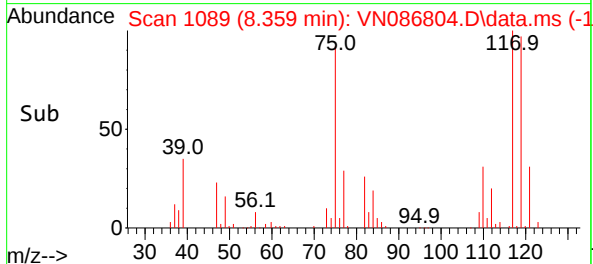
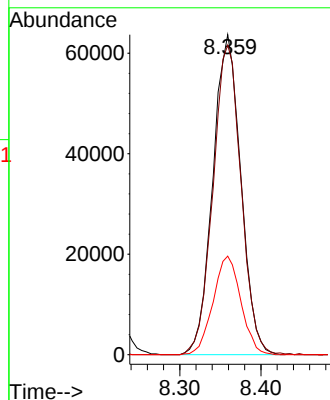
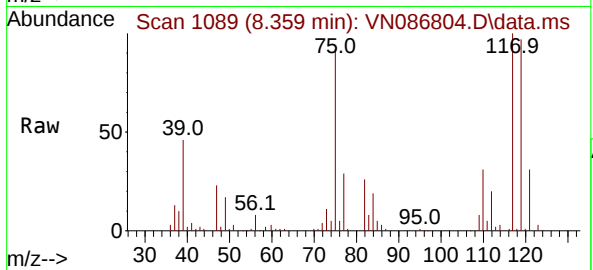




#33
Carbon Tetrachloride
Concen: 31.349 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

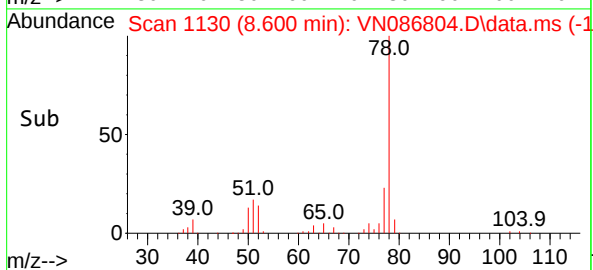
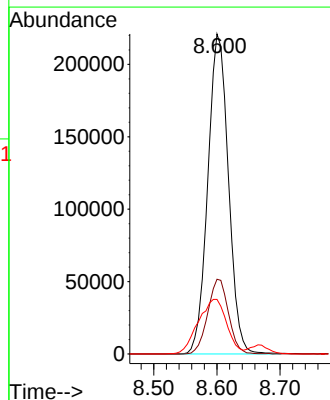
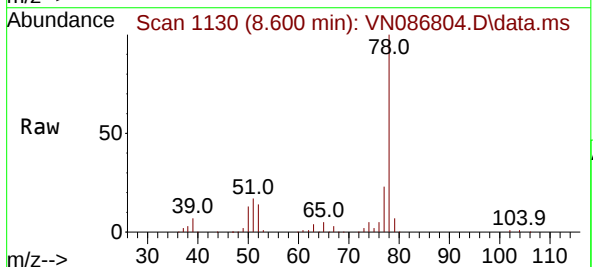
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

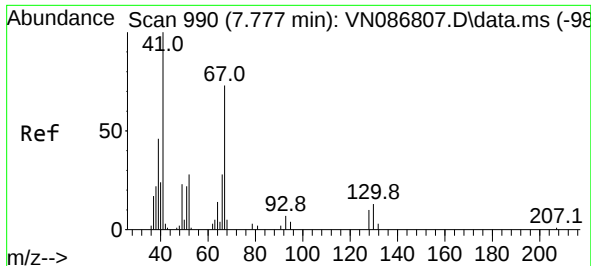
Tgt Ion:117 Resp: 152407
Ion Ratio Lower Upper
117 100
119 96.7 79.2 118.8
121 30.8 25.6 38.4



#34
Benzene
Concen: 31.420 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 78 Resp: 501573
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2
51 16.8 11.9 17.9



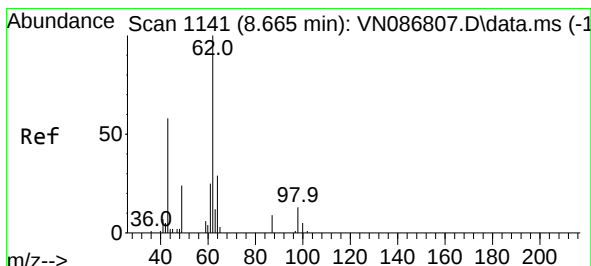
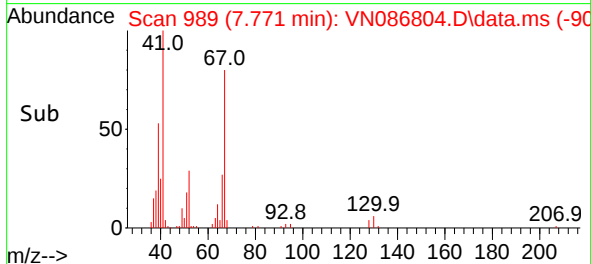
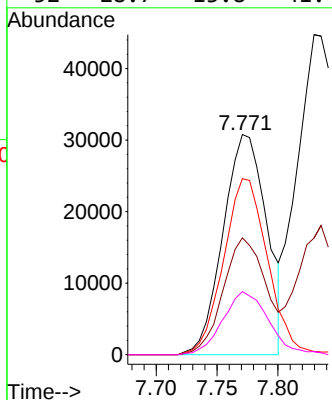
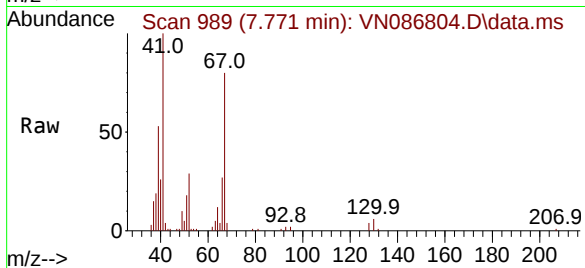


#35
Methacrylonitrile
Concen: 31.104 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 76806

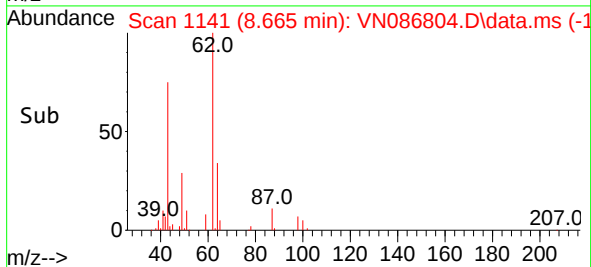
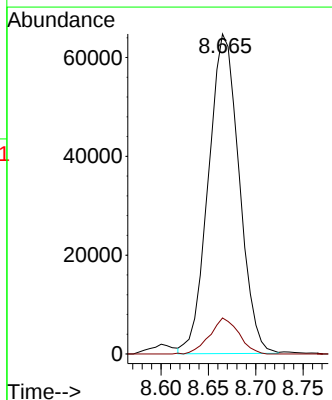
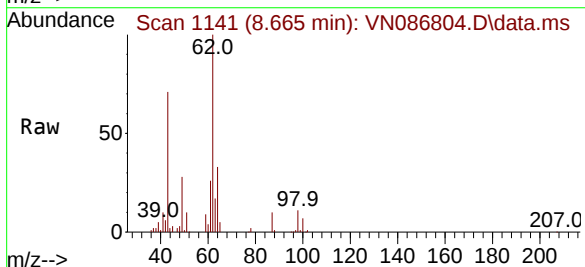
Ion	Ratio	Lower	Upper
41	100		
39	53.1	23.2	69.6
67	79.9	36.5	109.7
52	28.7	13.8	41.4

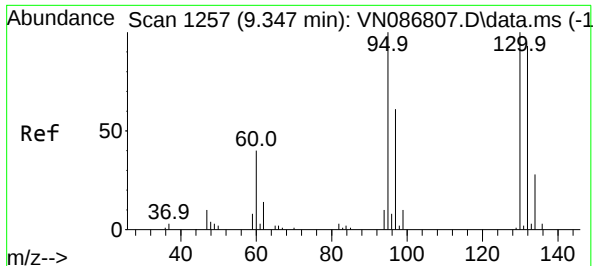


#36
1,2-Dichloroethane
Concen: 31.274 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 62 Resp: 146295

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.5	12.7





#37

Trichloroethene

Concen: 31.783 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

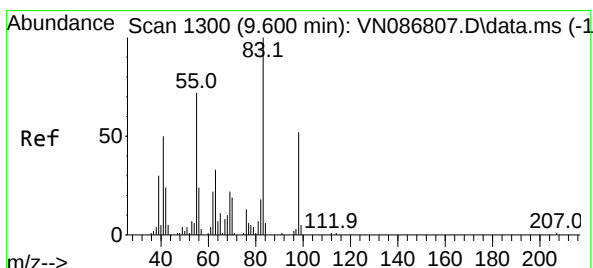
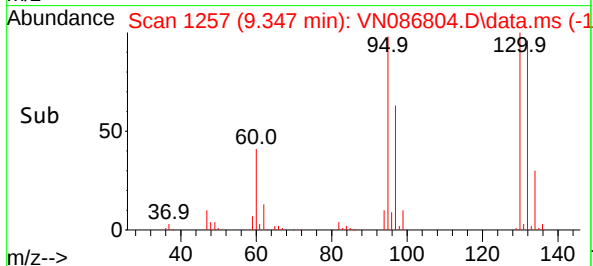
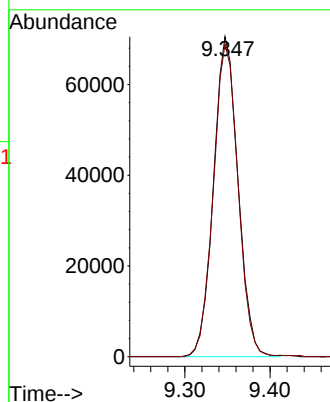
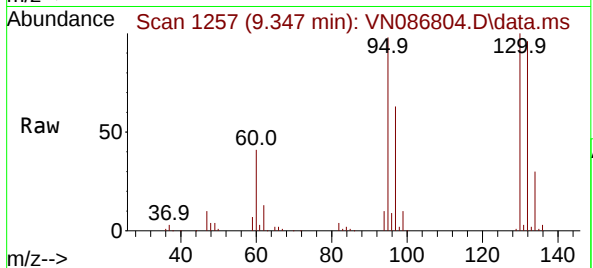
VSTDCCC020

Tgt Ion:130 Resp: 140733

Ion Ratio Lower Upper

130 100

95 97.6 80.3 120.5



#38

Methylcyclohexane

Concen: 31.884 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

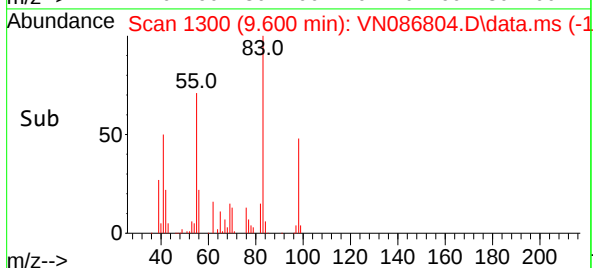
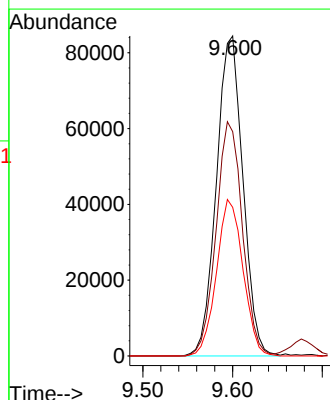
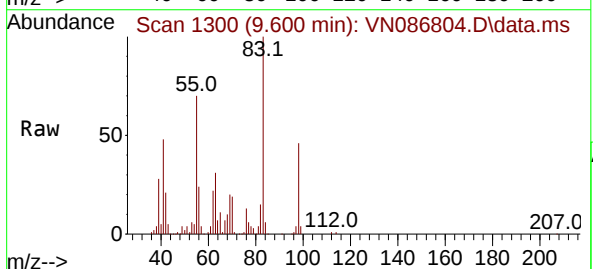
Tgt Ion: 83 Resp: 173562

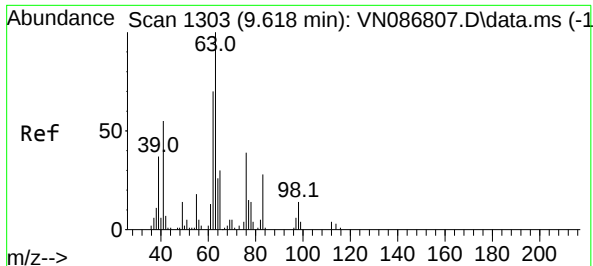
Ion Ratio Lower Upper

83 100

55 72.8 37.4 112.1

98 48.9 24.6 73.6





#39

1,2-Dichloropropane

Concen: 31.794 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

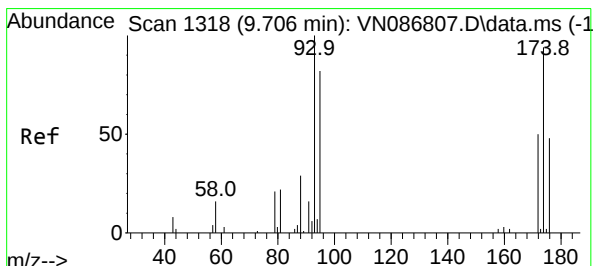
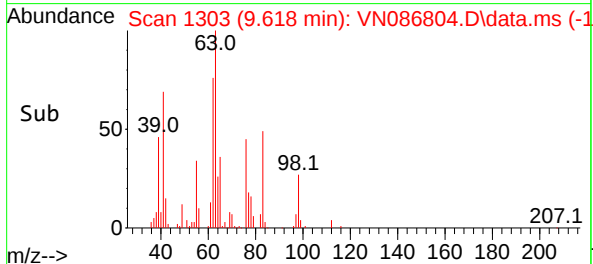
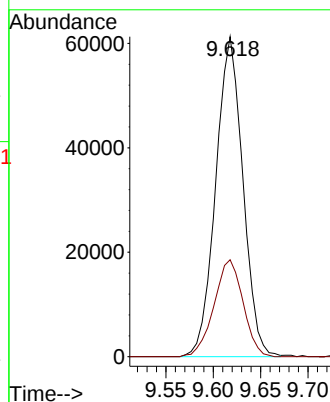
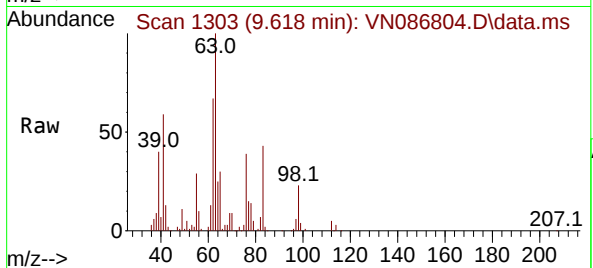
VSTDCCC020

Tgt Ion: 63 Resp: 122189

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#40

Dibromomethane

Concen: 31.591 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

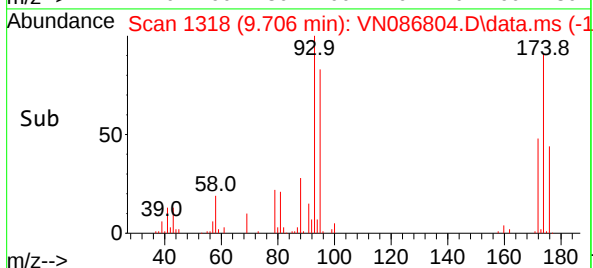
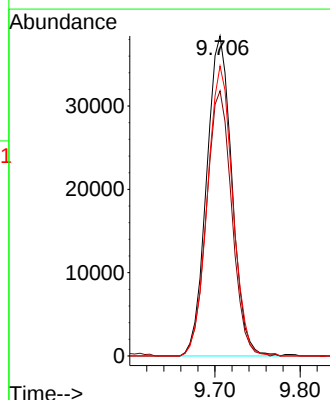
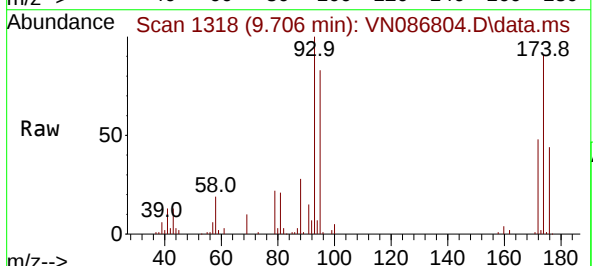
Tgt Ion: 93 Resp: 79409

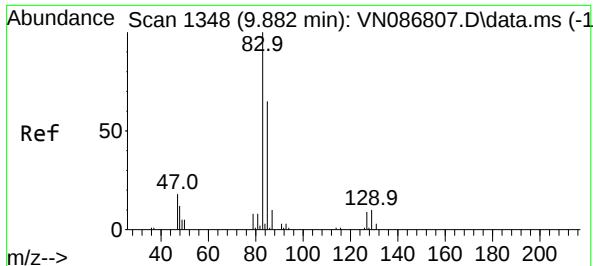
Ion Ratio Lower Upper

93 100

95 82.7 0.0 166.4

174 90.1 0.0 181.8

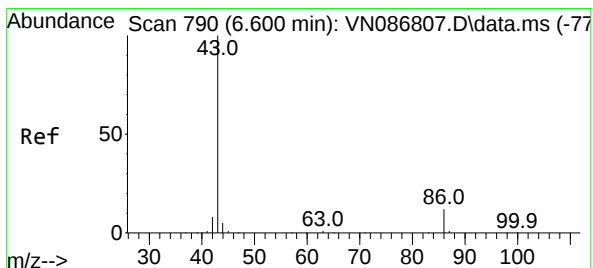
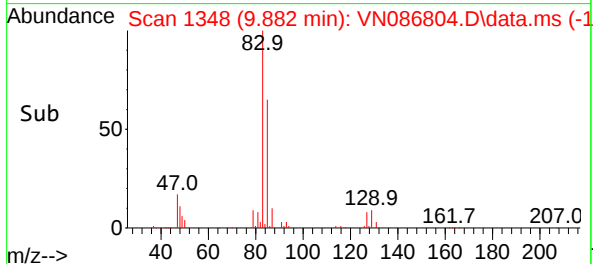
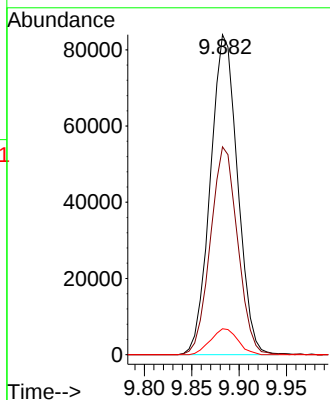
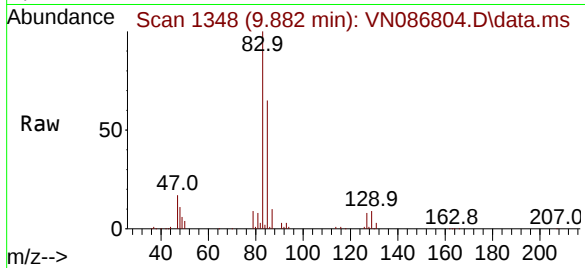




#41
Bromodichloromethane
Concen: 31.955 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

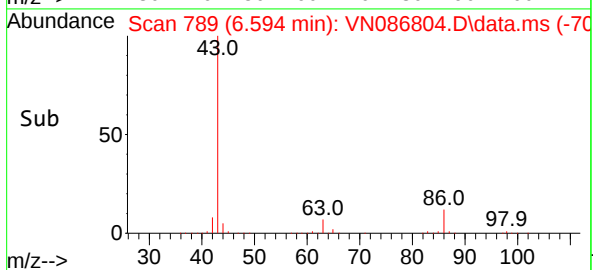
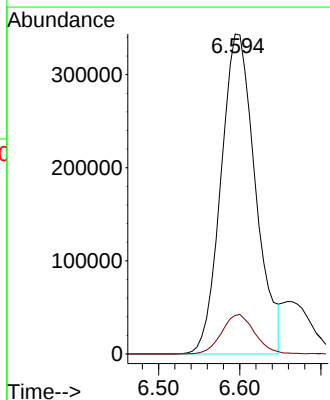
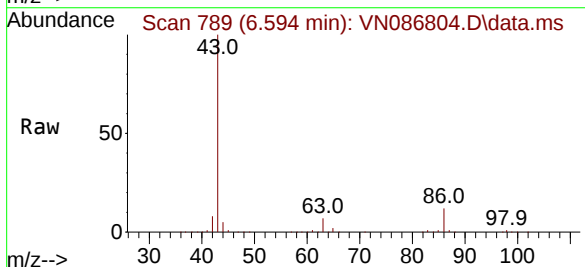
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

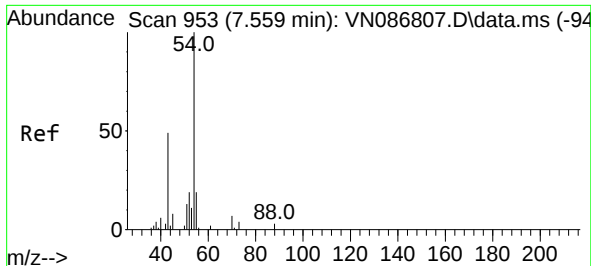
Tgt Ion: 83 Resp: 168135
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8
127 8.1 6.8 10.2



#42
Vinyl Acetate
Concen: 162.029 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 43 Resp: 1015281
Ion Ratio Lower Upper
43 100
86 11.8 9.5 14.3

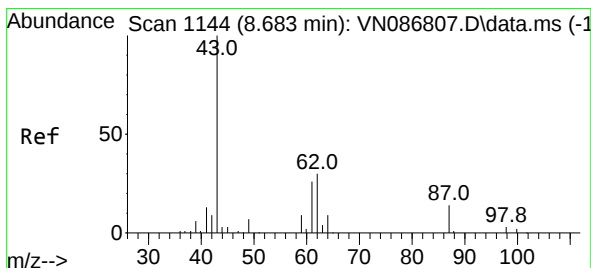
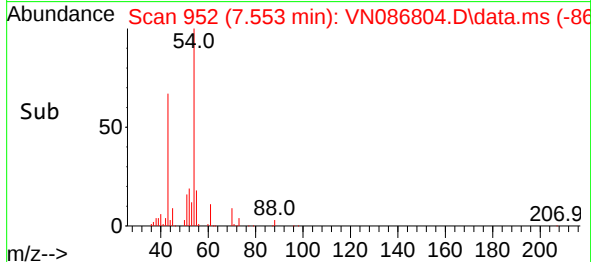
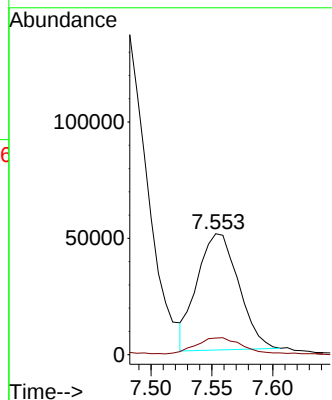
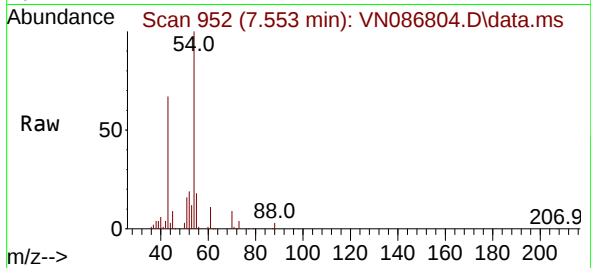




#43
Ethyl Acetate
Concen: 26.850 ug/l
RT: 7.553 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

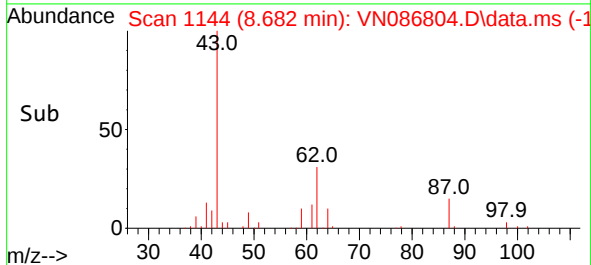
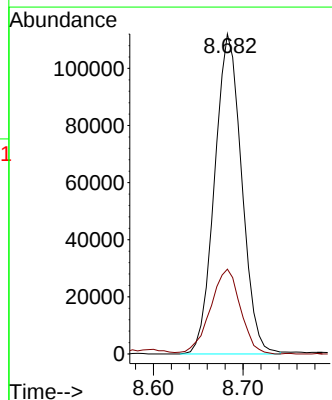
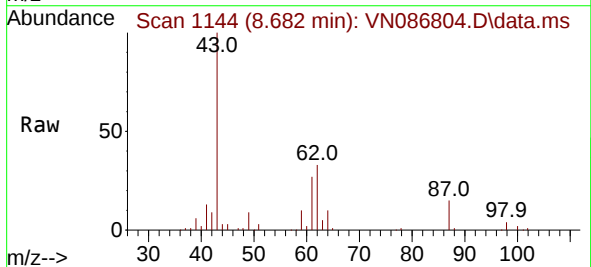
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

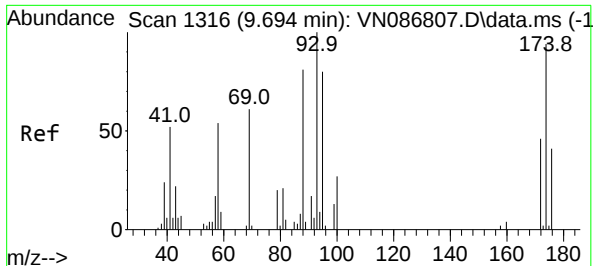
Tgt Ion: 43 Resp: 118104
Ion Ratio Lower Upper
43 100
45 15.7 11.1 16.7



#44
Isopropyl Acetate
Concen: 31.109 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 43 Resp: 234738
Ion Ratio Lower Upper
43 100
61 29.5 23.8 35.6

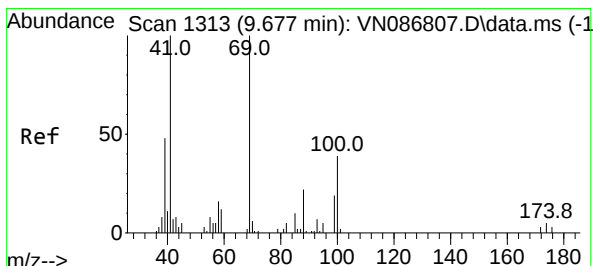
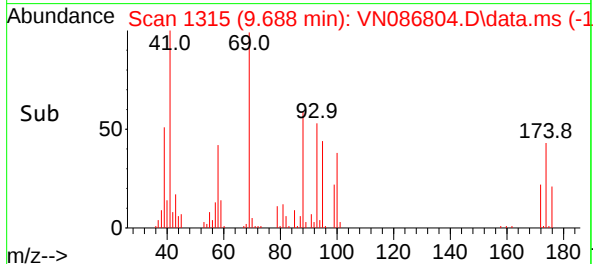
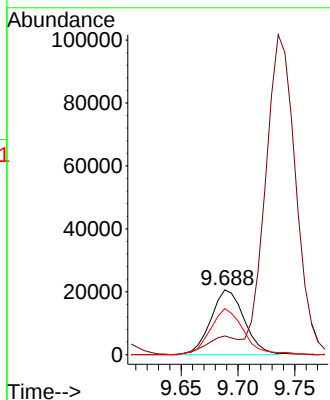
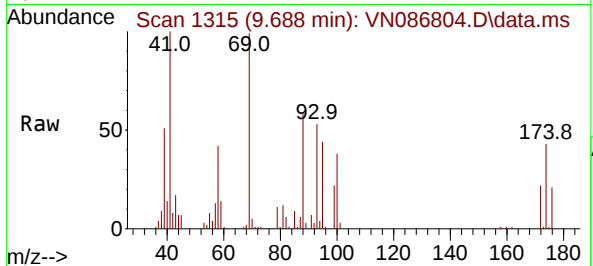




#45
1,4-Dioxane
Concen: 627.337 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

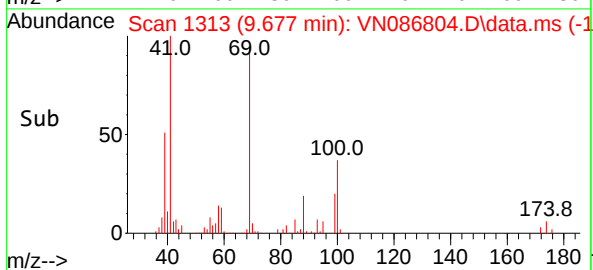
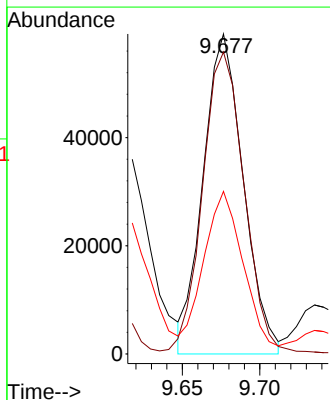
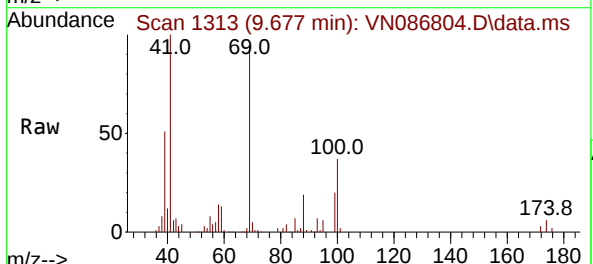
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

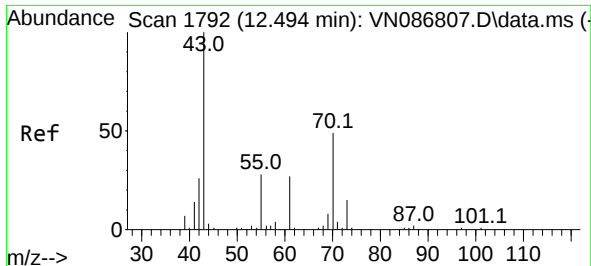
Tgt Ion: 88 Resp: 42074
Ion Ratio Lower Upper
88 100
43 26.6 23.0 34.6
58 71.4 57.6 86.4



#46
Methyl methacrylate
Concen: 30.602 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 41 Resp: 106474
Ion Ratio Lower Upper
41 100
69 95.7 48.0 144.2
39 50.1 23.8 71.2

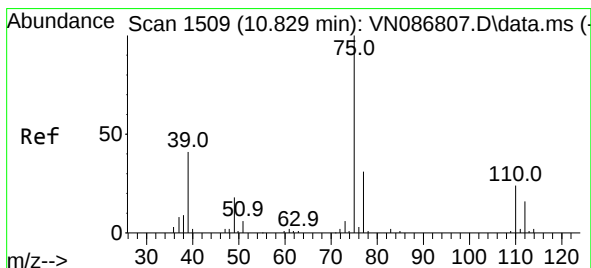
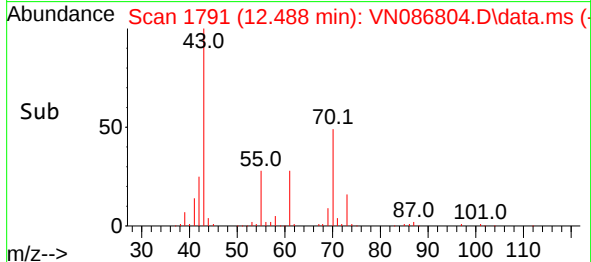
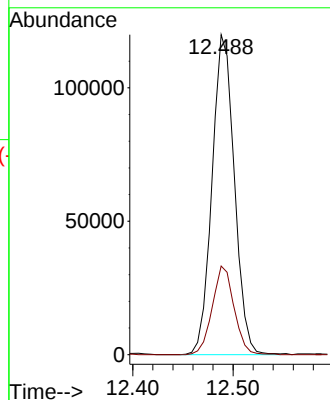
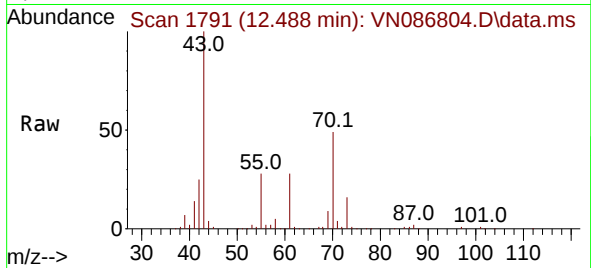




#47
n-amyl acetate
Concen: 30.587 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

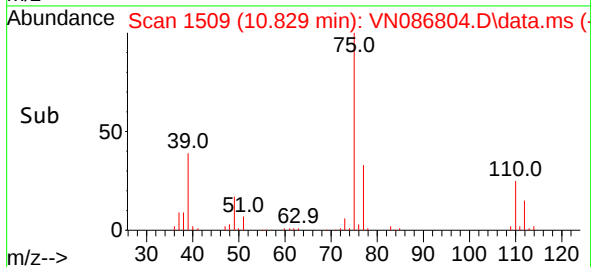
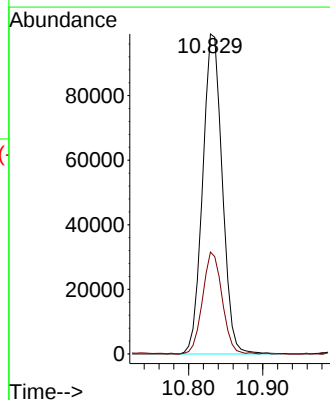
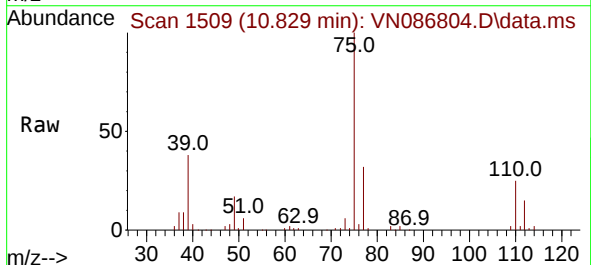
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

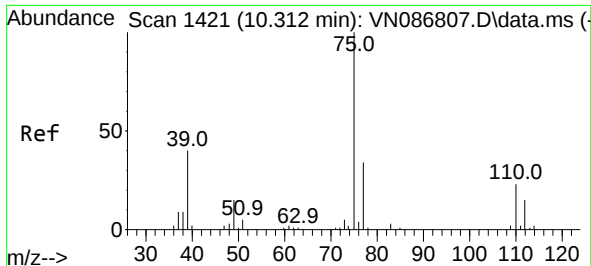
Tgt Ion: 43 Resp: 185286
Ion Ratio Lower Upper
43 100
55 27.0 21.7 32.5



#48
t-1,3-Dichloropropene
Concen: 32.340 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 75 Resp: 182093
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

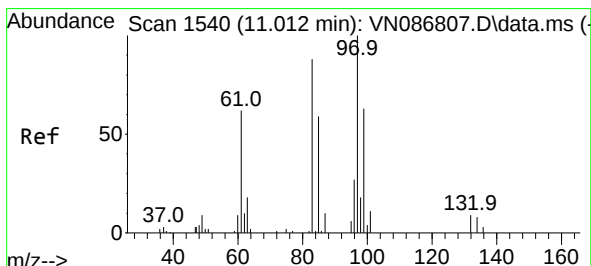
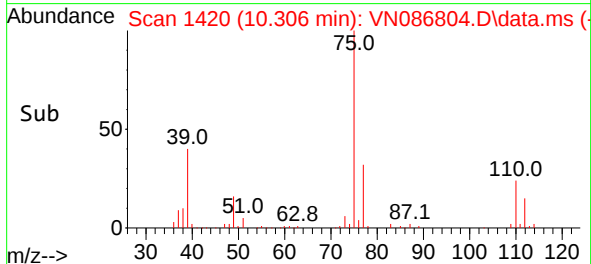
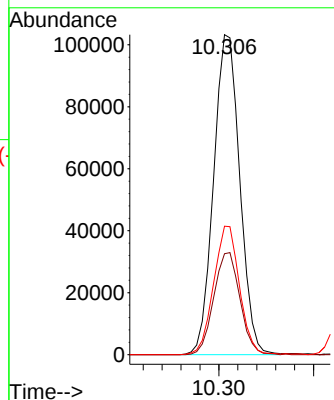
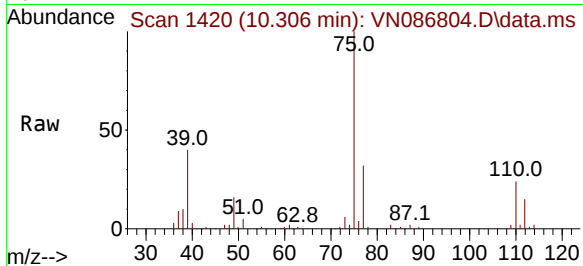




#49
 cis-1,3-Dichloropropene
 Concen: 32.023 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

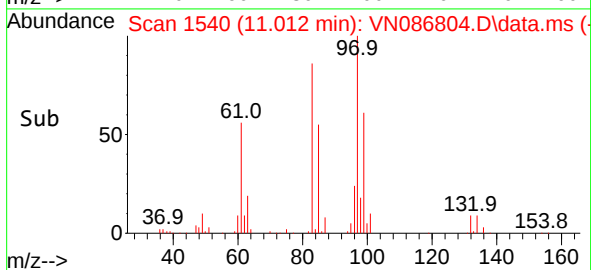
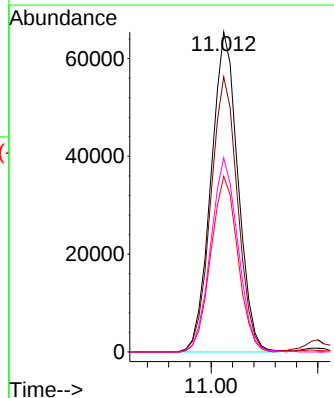
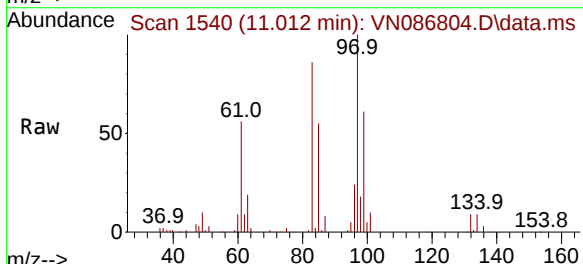
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

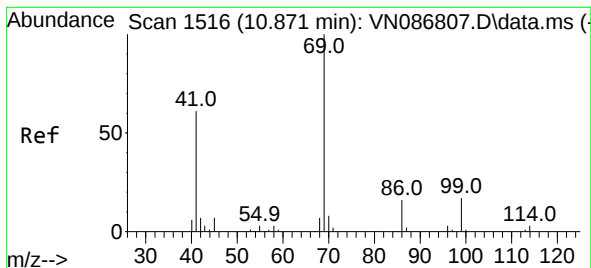
Tgt Ion:	75	Resp:	198325
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.9	40.3
39	40.1	31.8	47.6



#50
 1,1,2-Trichloroethane
 Concen: 32.430 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion:	97	Resp:	114810
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.6	105.8
85	54.9	46.8	70.2
99	60.7	50.7	76.1

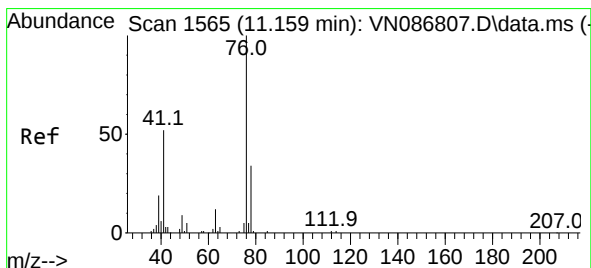
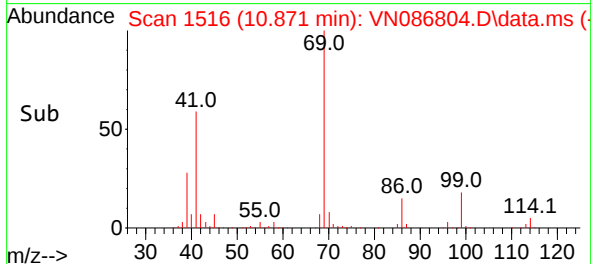
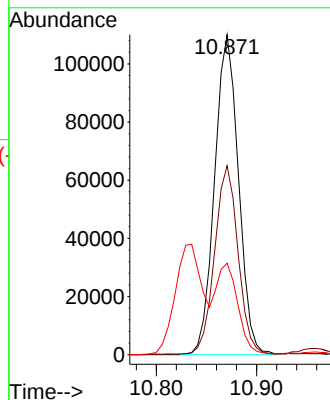
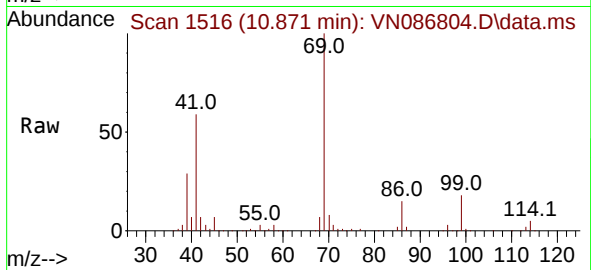




#51
Ethyl methacrylate
Concen: 31.716 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

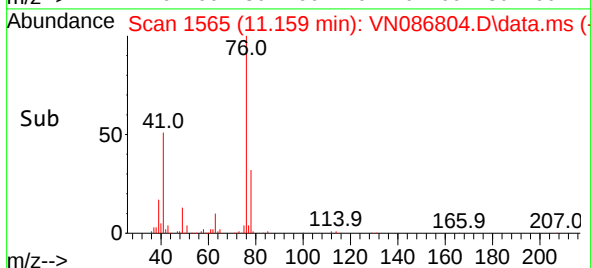
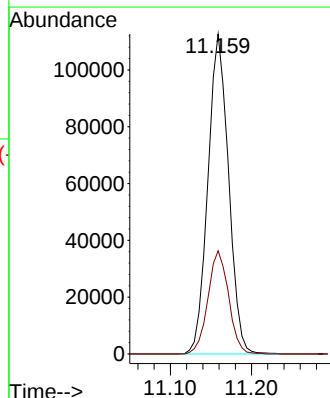
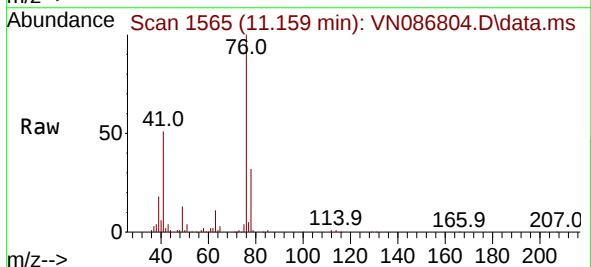
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

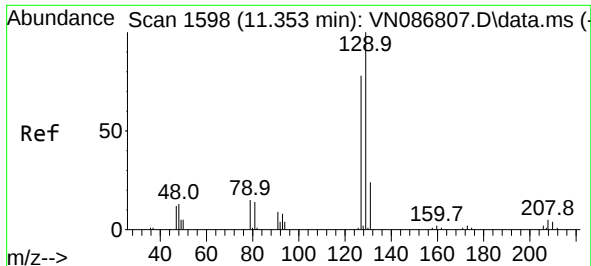
Tgt Ion: 69 Resp: 181849
Ion Ratio Lower Upper
69 100
41 58.8 30.5 91.5
39 28.4 14.3 42.9



#52
1,3-Dichloropropane
Concen: 31.662 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 76 Resp: 198930
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6

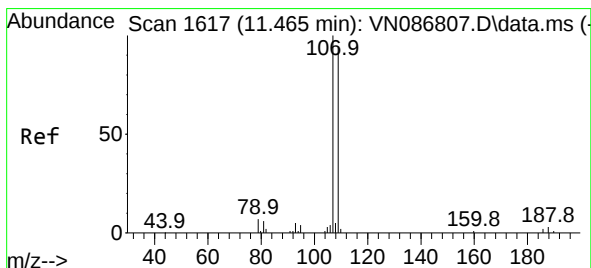
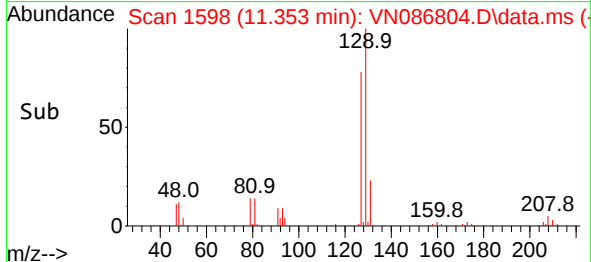
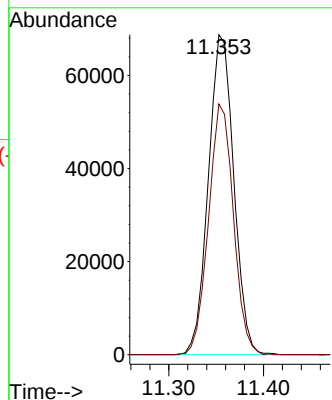
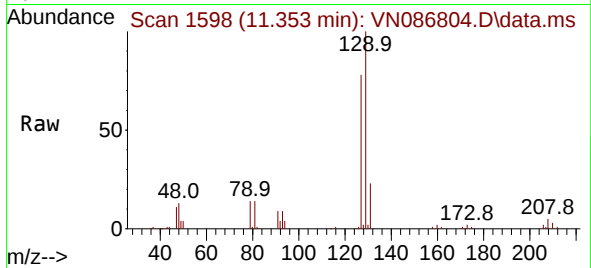




#53
Dibromochloromethane
Concen: 32.026 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

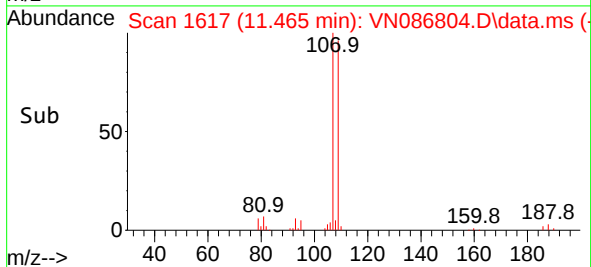
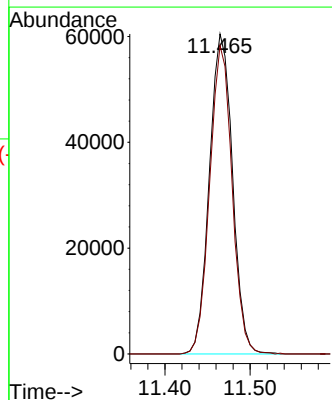
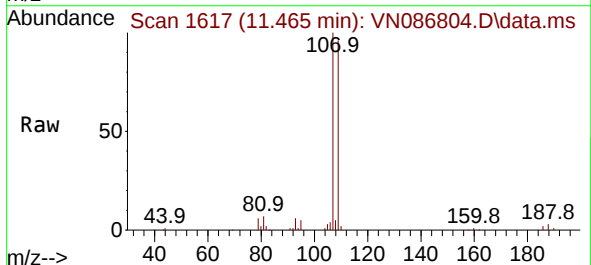
Instrument :
MSVOA_N
ClientSampleId :
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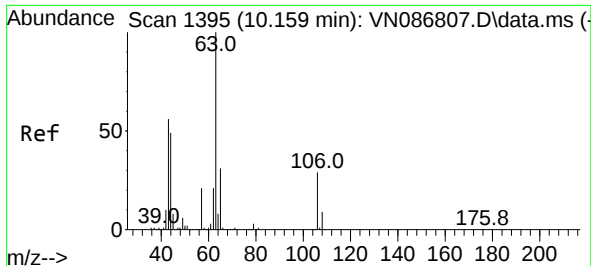
Tgt Ion:129 Resp: 128126
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3



#54
1,2-Dibromoethane
Concen: 31.487 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion:107 Resp: 113945
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

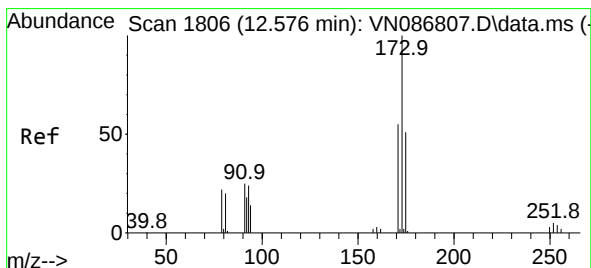
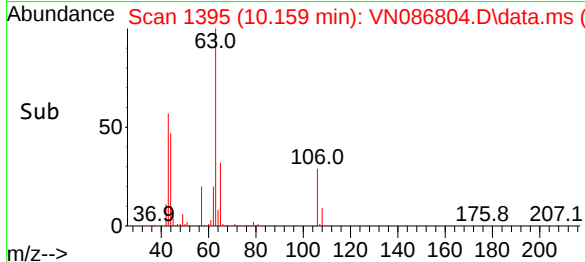
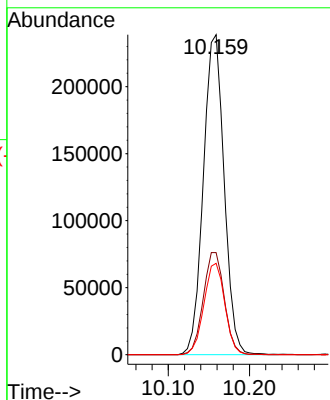
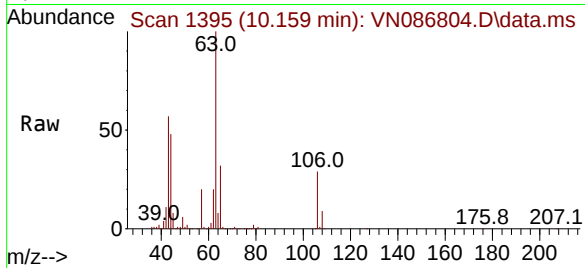




#55
2-Chloroethyl vinyl ether
Concen: 154.295 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

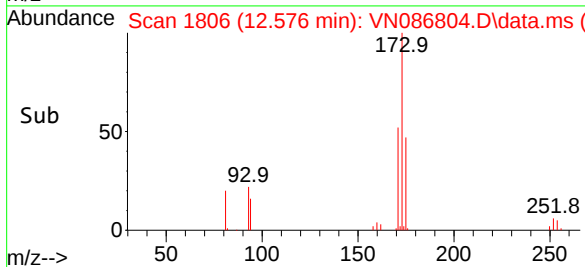
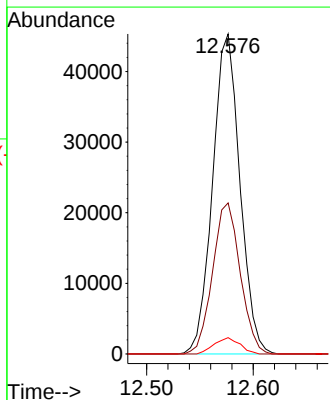
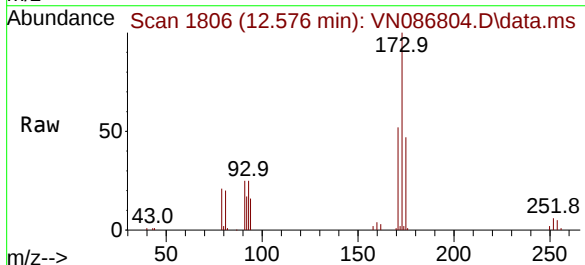
Instrument :
MSVOA_N
ClientSampleId :
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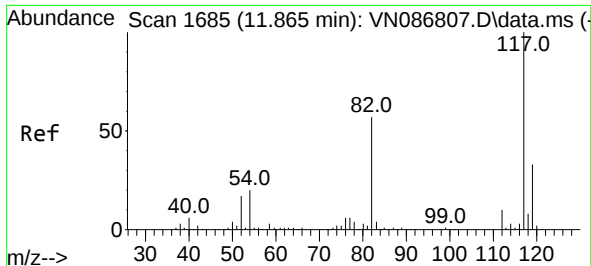
Tgt Ion: 63 Resp: 424651
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 28.7 22.7 34.1



#56
Bromoform
Concen: 31.964 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion:173 Resp: 80571
Ion Ratio Lower Upper
173 100
175 47.7 39.7 59.5
254 4.8 3.5 5.3

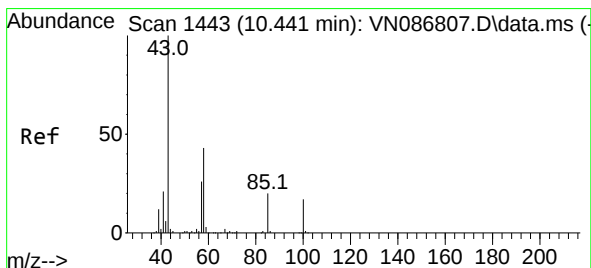
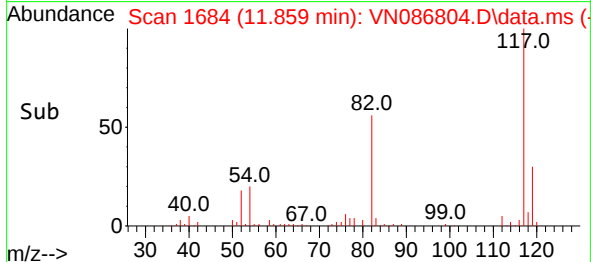
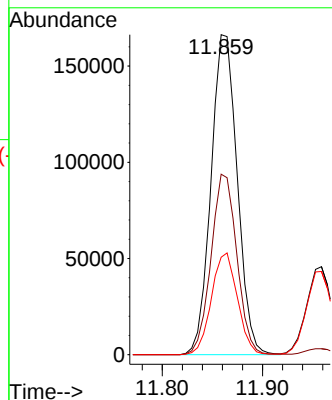
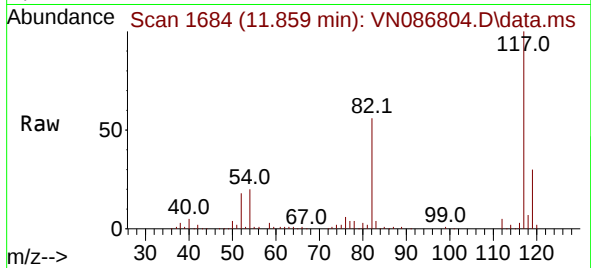




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

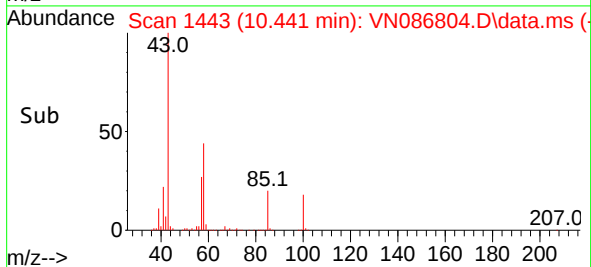
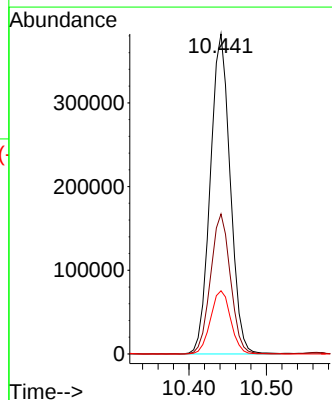
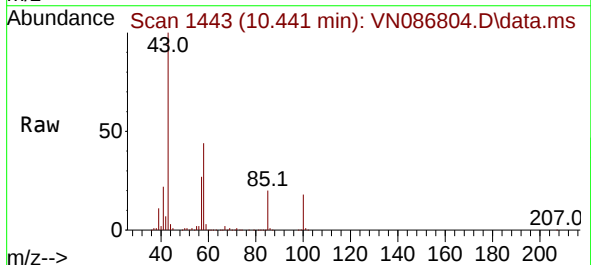
Instrument :
MSVOA_N
ClientSampleId :
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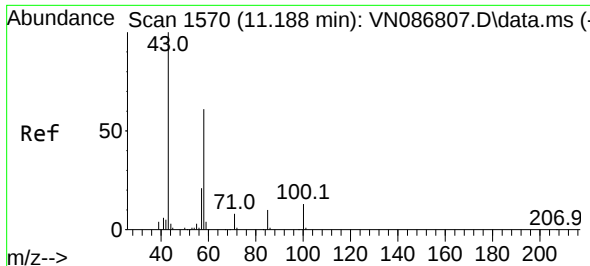
Tgt Ion:117 Resp: 302710
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 31.5 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 153.851 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 43 Resp: 683369
Ion Ratio Lower Upper
43 100
58 43.8 34.5 51.7
85 20.0 15.8 23.8

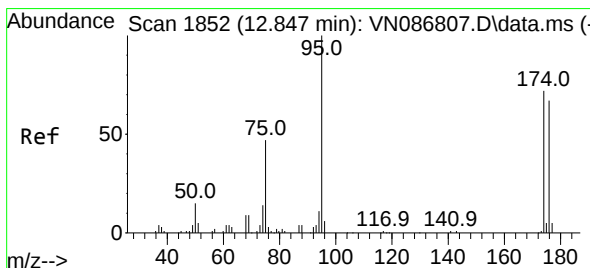
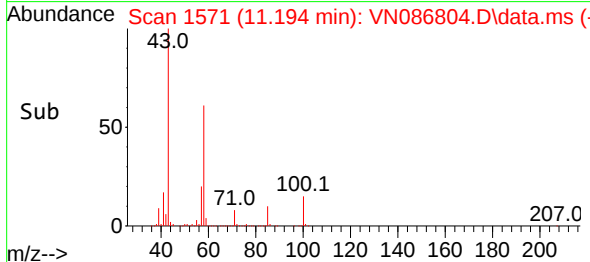
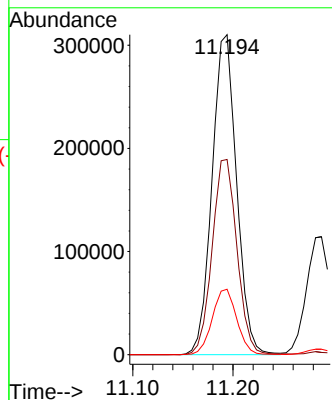
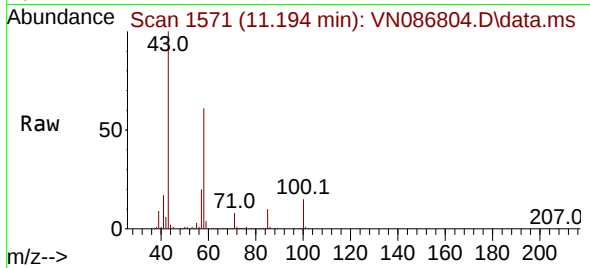




#59
2-Hexanone
Concen: 165.676 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

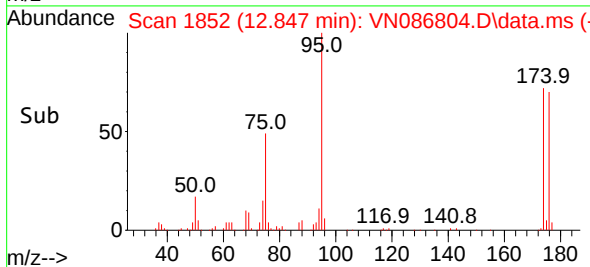
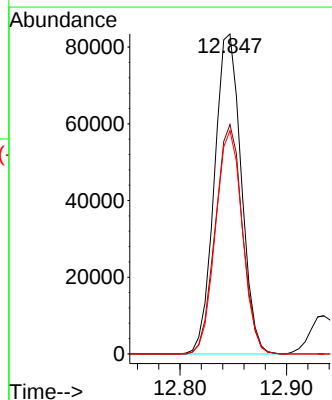
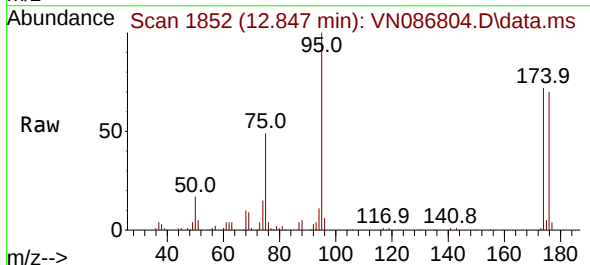
Instrument :
MSVOA_N
ClientSampleId :
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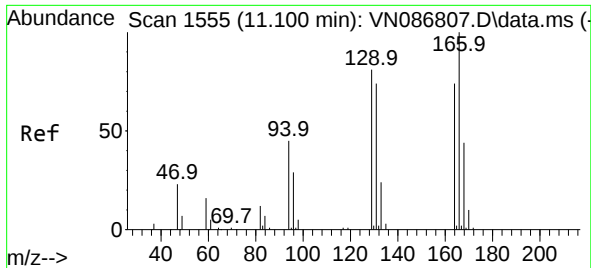
Tgt Ion: 43 Resp: 527125
Ion Ratio Lower Upper
43 100
58 61.7 49.1 73.7
57 20.5 16.6 25.0



#60
4-Bromofluorobenzene
Concen: 30.684 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 95 Resp: 145831
Ion Ratio Lower Upper
95 100
174 72.2 56.2 84.4
176 69.8 53.4 80.0

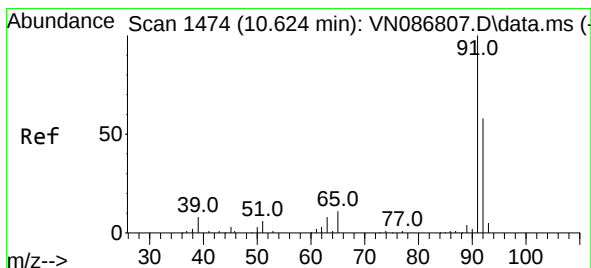
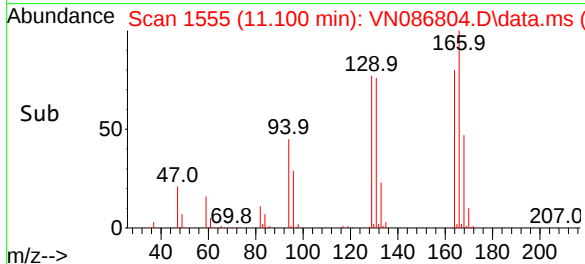
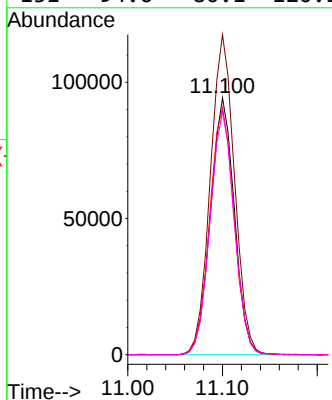
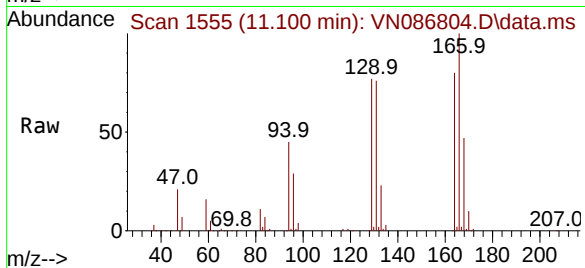




#61
Tetrachloroethene
Concen: 32.620 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

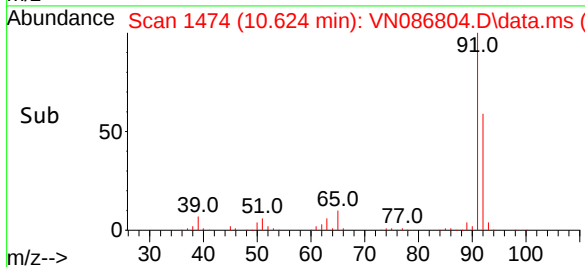
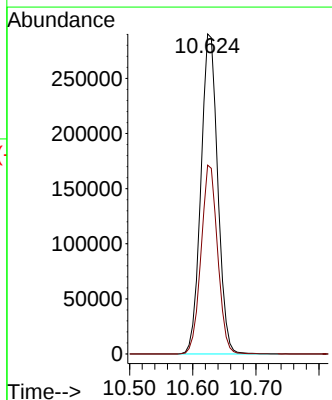
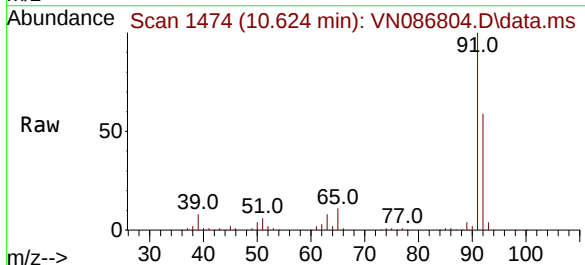
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

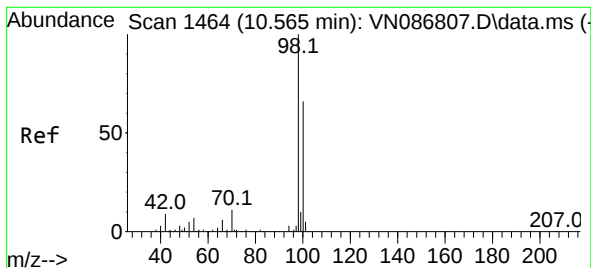
Tgt Ion:164 Resp: 165984
Ion Ratio Lower Upper
164 100
166 124.6 107.5 161.3
129 96.1 87.4 131.2
131 94.6 80.1 120.1



#62
Toluene
Concen: 31.500 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 91 Resp: 537036
Ion Ratio Lower Upper
91 100
92 58.2 46.6 70.0





#63

Toluene-d8

Concen: 29.046 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

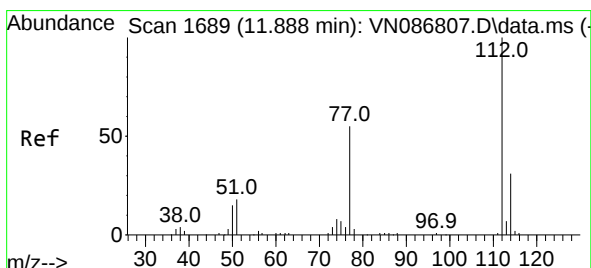
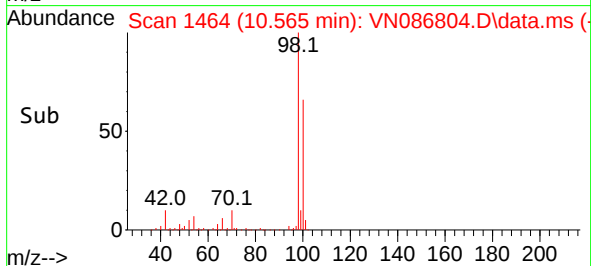
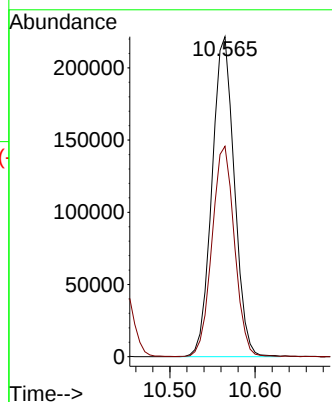
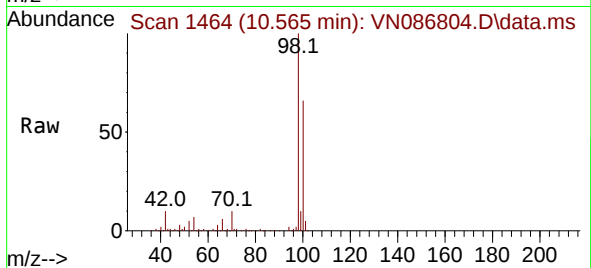
VSTDCCC020

Tgt Ion: 98 Resp: 403560

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#64

Chlorobenzene

Concen: 31.523 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN086804.D

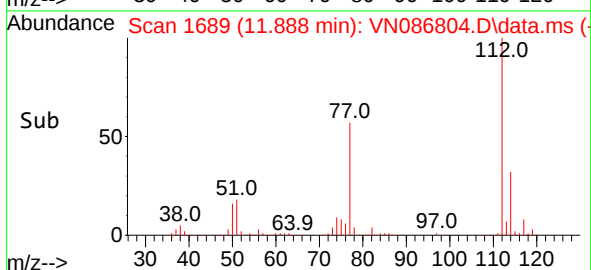
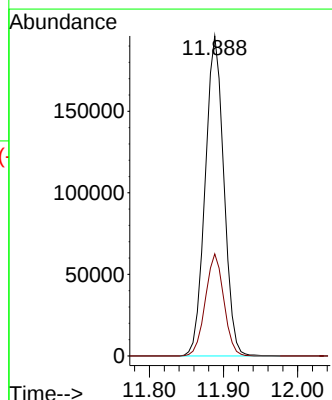
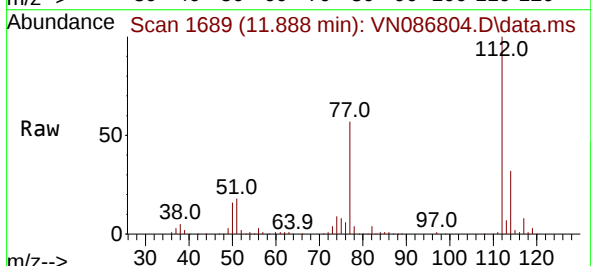
Acq: 29 May 2025 09:56

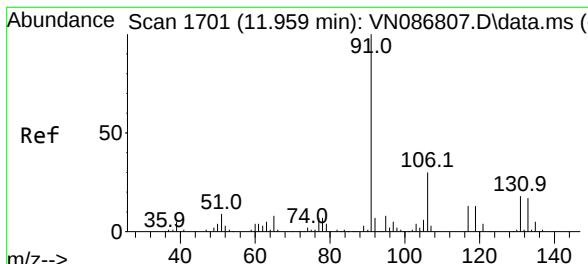
Tgt Ion: 112 Resp: 342734

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



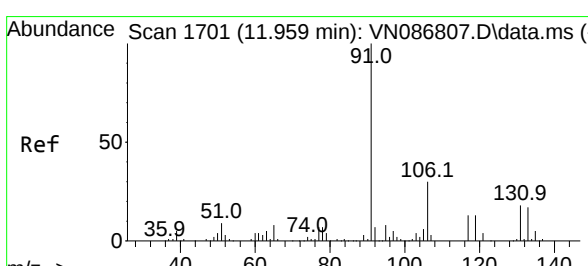
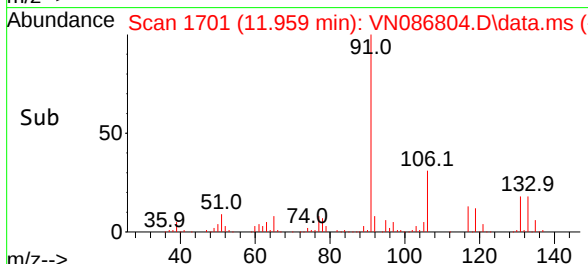
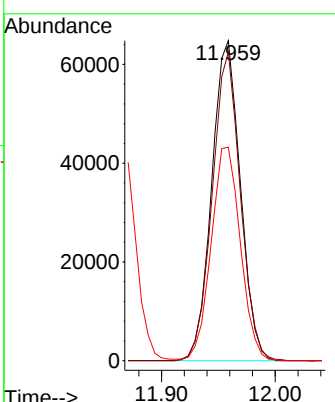
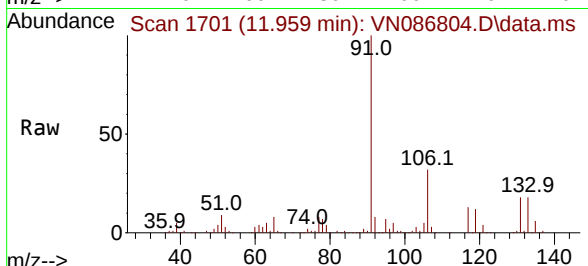


#65
 1,1,1,2-Tetrachloroethane
 Concen: 31.723 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:131 Resp: 113309

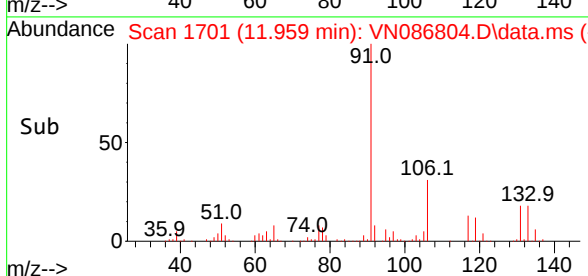
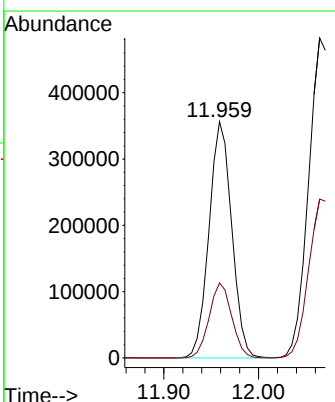
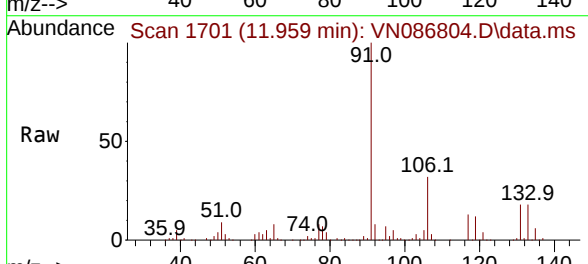
Ion	Ratio	Lower	Upper
131	100		
133	95.0	0.0	191.0
119	68.3	0.0	140.8

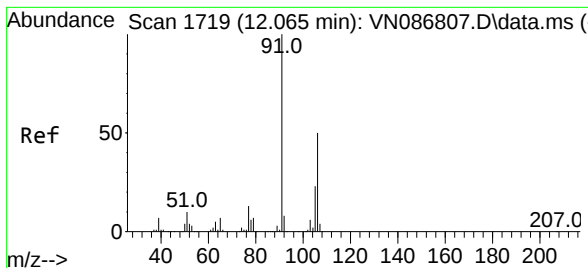


#66
 Ethyl Benzene
 Concen: 32.287 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion: 91 Resp: 595372

Ion	Ratio	Lower	Upper
91	100		
106	31.8	23.6	35.4

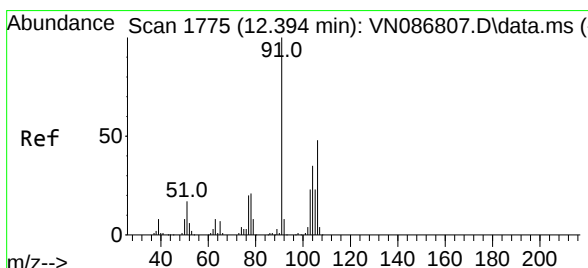
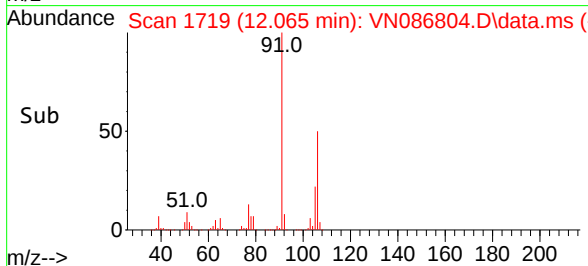
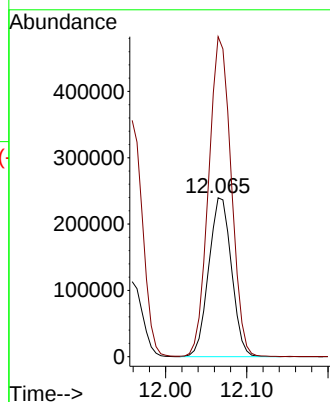
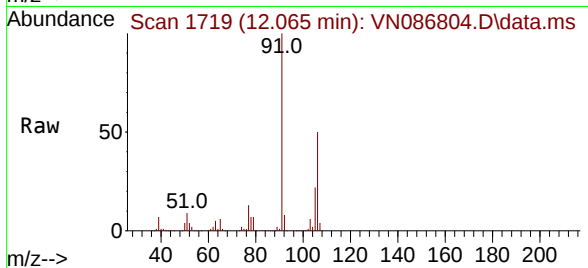




#67
m/p-Xylenes
Concen: 64.538 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

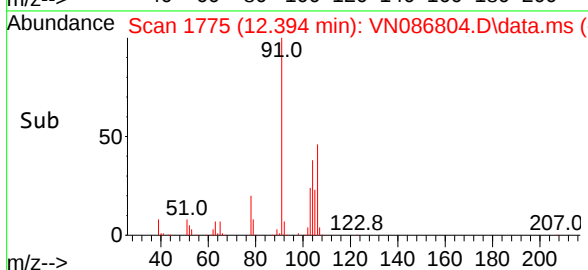
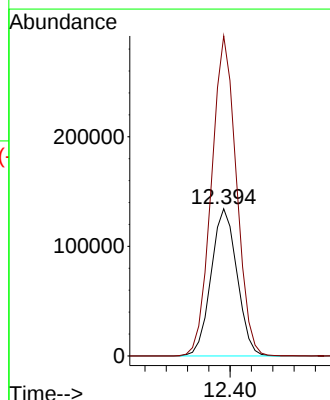
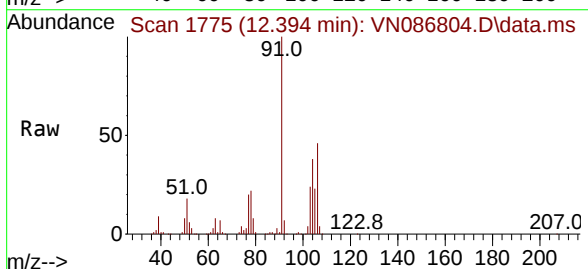
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

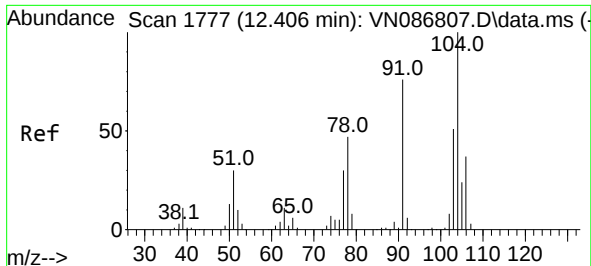
Tgt Ion:106 Resp: 467013
Ion Ratio Lower Upper
106 100
91 199.9 160.7 241.1



#68
o-Xylene
Concen: 32.314 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion:106 Resp: 226616
Ion Ratio Lower Upper
106 100
91 209.9 106.3 318.9

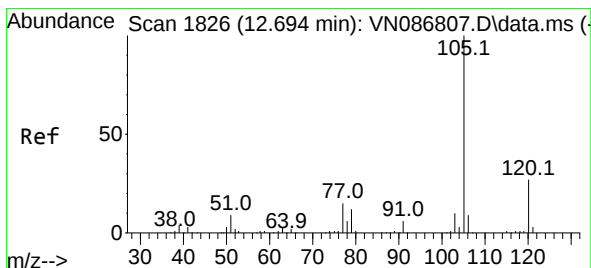
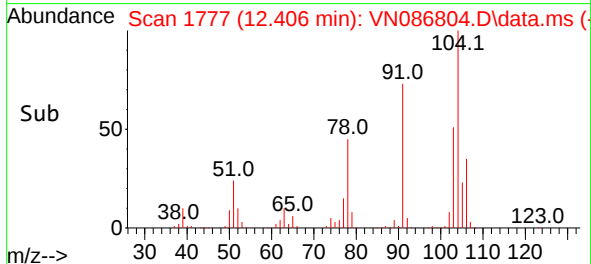
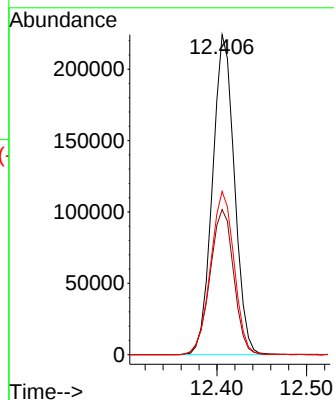
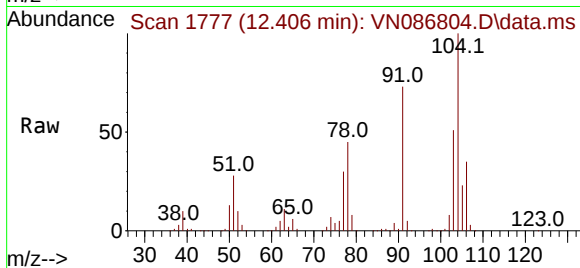




#69
Styrene
Concen: 32.535 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

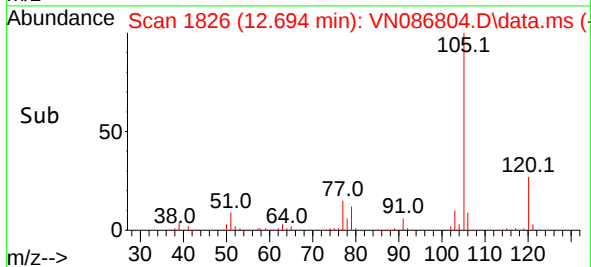
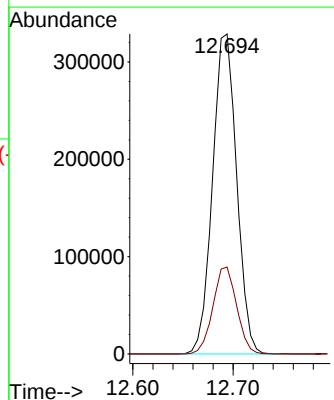
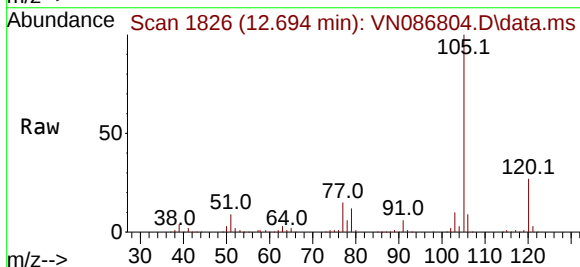
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

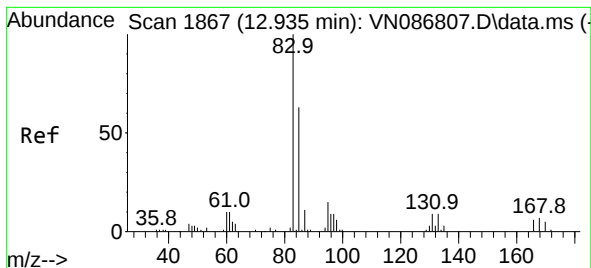
Tgt Ion:104 Resp: 380132
Ion Ratio Lower Upper
104 100
78 49.1 38.6 57.8
103 54.6 43.2 64.8



#70
Isopropylbenzene
Concen: 32.944 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion:105 Resp: 549493
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2

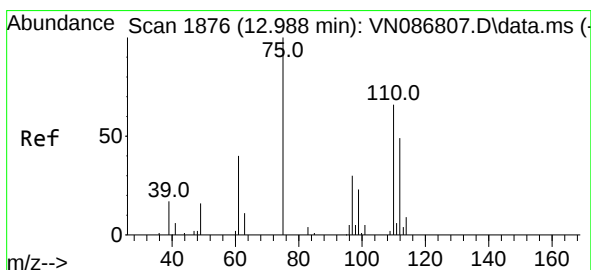
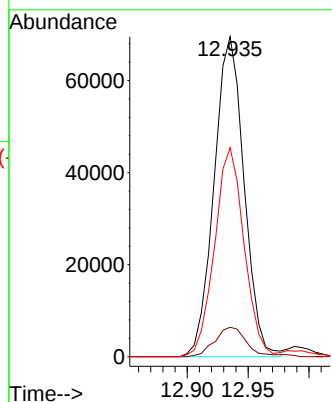
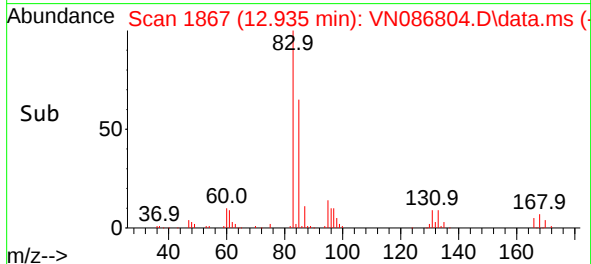
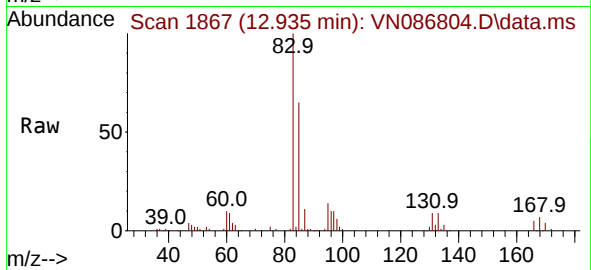




#71
 1,1,2,2-Tetrachloroethane
 Concen: 30.011 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

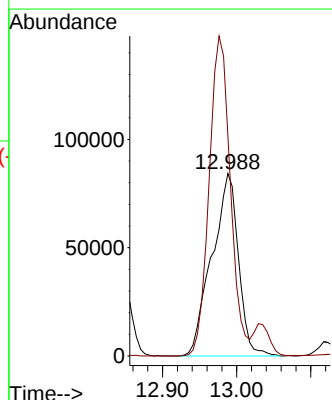
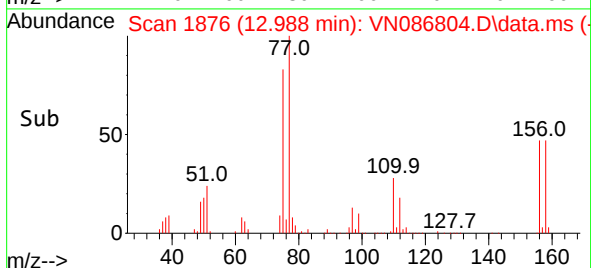
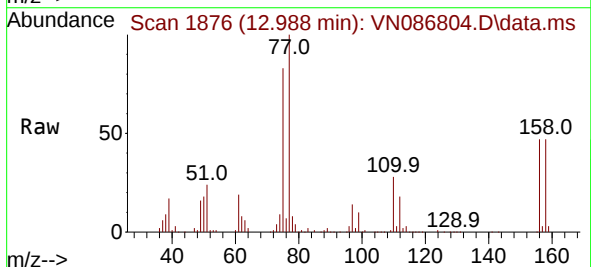
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

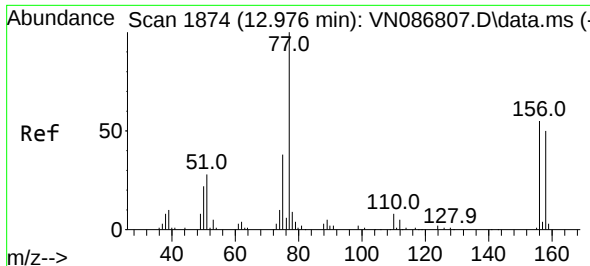
Tgt Ion: 83 Resp: 119013
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 15.0
 85 64.0 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 45.071 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion: 75 Resp: 209480
 Ion Ratio Lower Upper
 75 100
 77 140.8 0.0 390.6

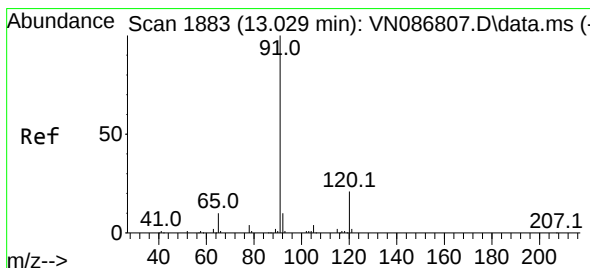
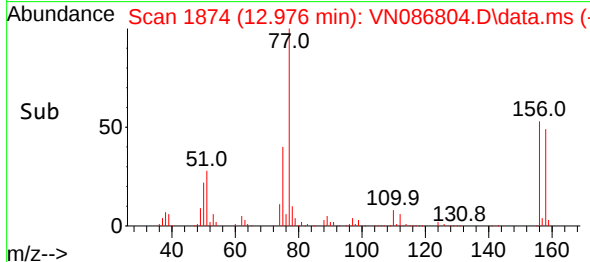
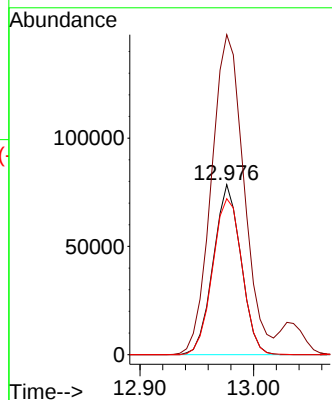
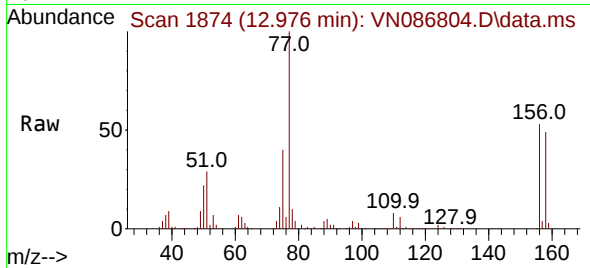




#73
Bromobenzene
Concen: 32.147 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

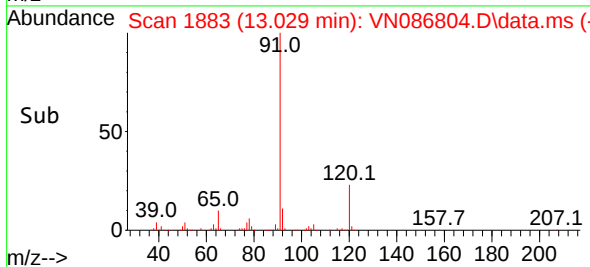
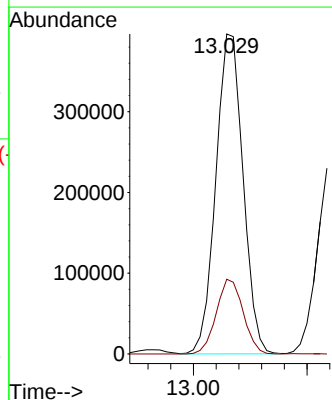
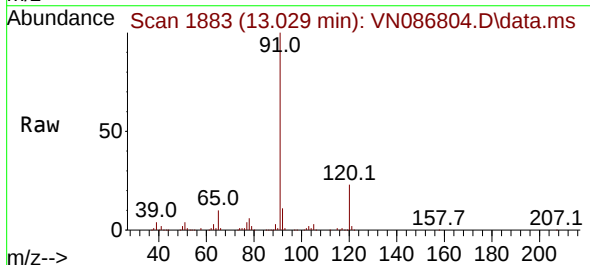
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

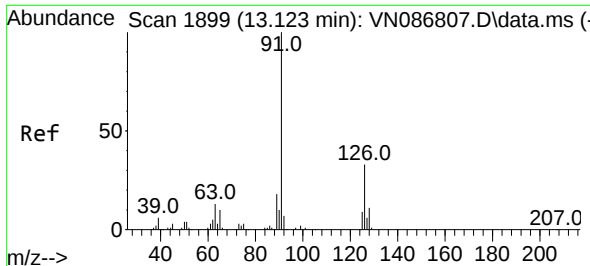
Tgt Ion:156 Resp: 133275
Ion Ratio Lower Upper
156 100
77 221.2 0.0 442.0
158 97.2 0.0 191.8



#74
n-propylbenzene
Concen: 33.342 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 91 Resp: 658739
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.6

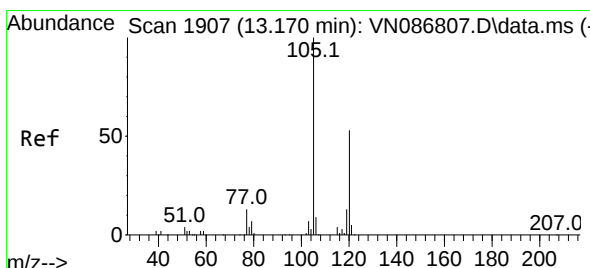
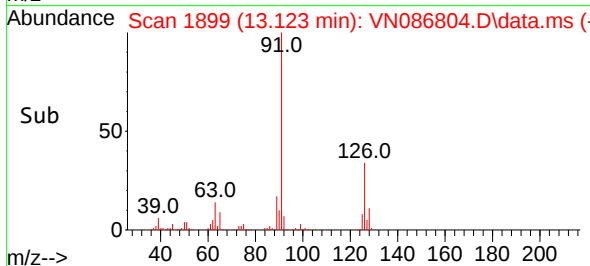
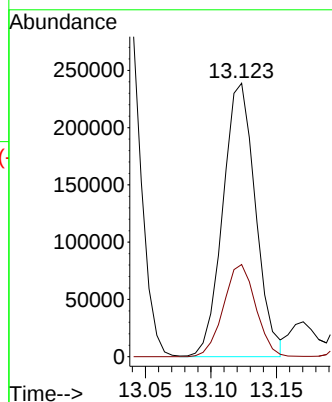
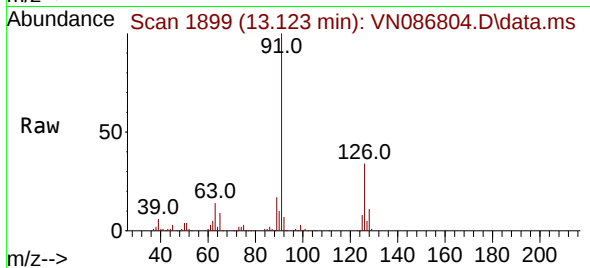




#75
2-Chlorotoluene
Concen: 32.668 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

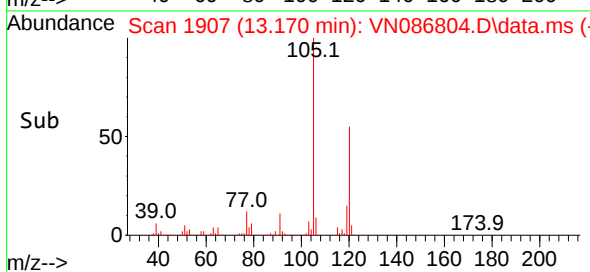
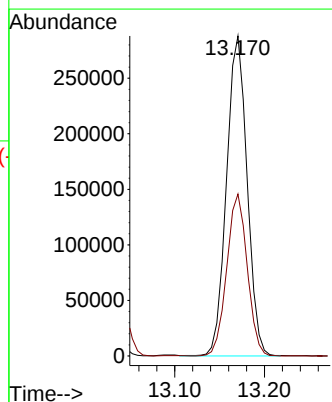
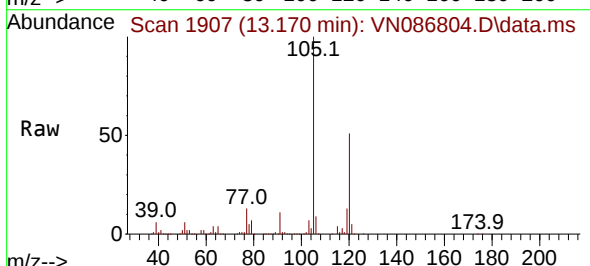
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

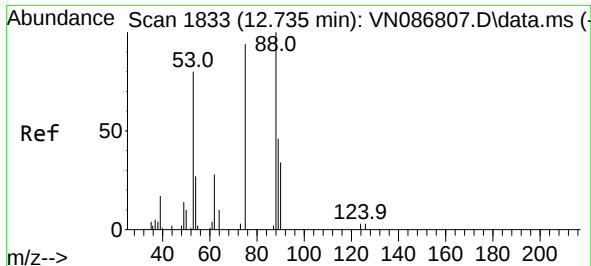
Tgt Ion: 91 Resp: 414267
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 33.062 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 105 Resp: 458762
Ion Ratio Lower Upper
105 100
120 50.3 0.0 101.4

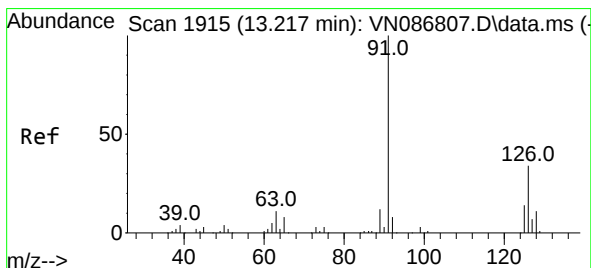
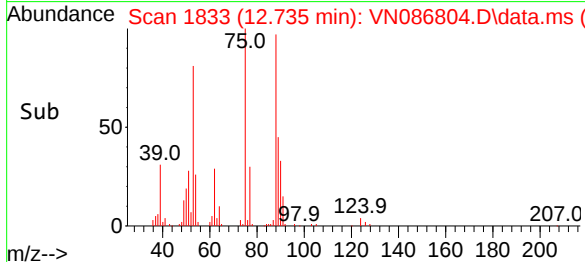
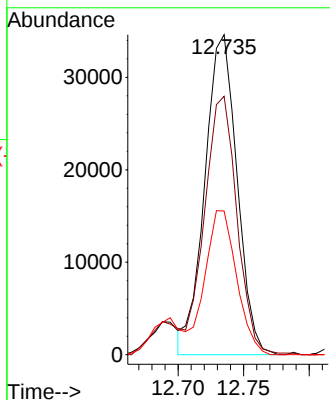
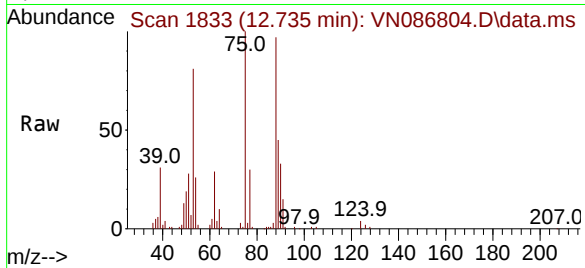




#77
t-1,4-Dichloro-2-butene
Concen: 31.128 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

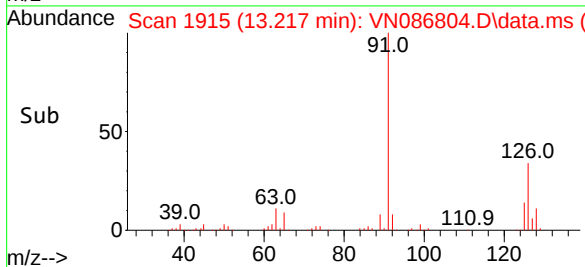
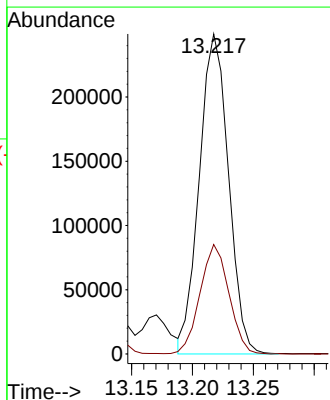
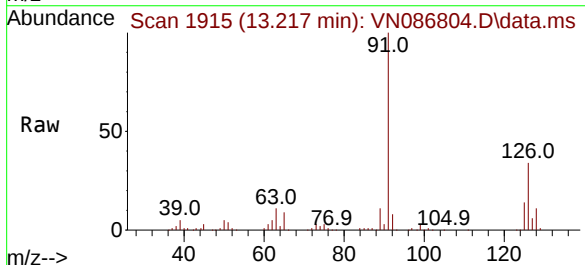
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

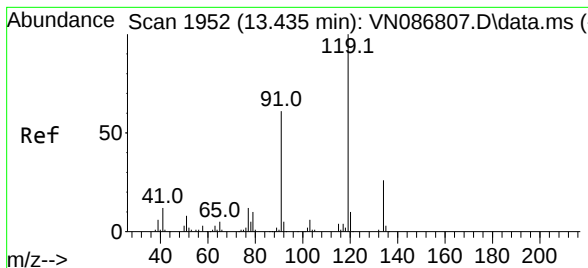
Tgt Ion: 75 Resp: 59206
Ion Ratio Lower Upper
75 100
53 80.3 43.0 128.8
89 44.9 25.4 76.2



#78
4-Chlorotoluene
Concen: 33.064 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 91 Resp: 415337
Ion Ratio Lower Upper
91 100
126 33.8 0.0 66.6





#79

tert-butylbenzene

Concen: 32.890 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

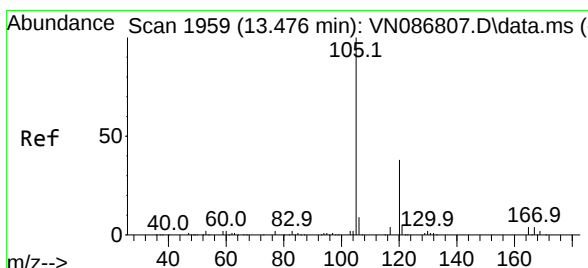
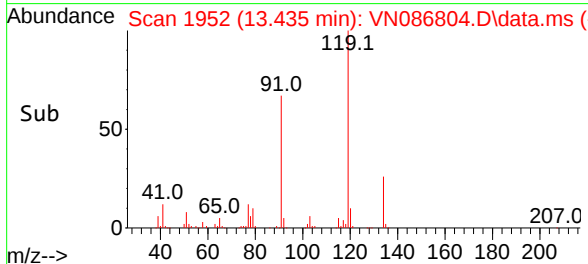
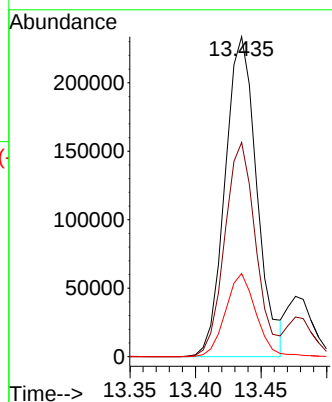
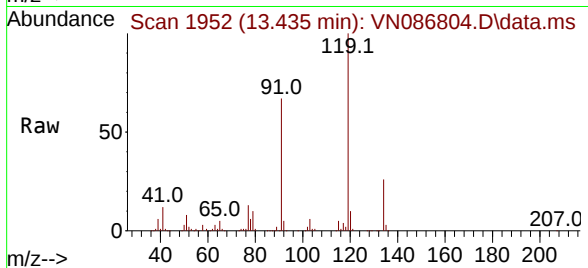
Tgt Ion:119 Resp: 394582

Ion Ratio Lower Upper

119 100

91 65.6 0.0 130.4

134 24.9 0.0 50.6



#80

1,2,4-Trimethylbenzene

Concen: 33.377 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086804.D

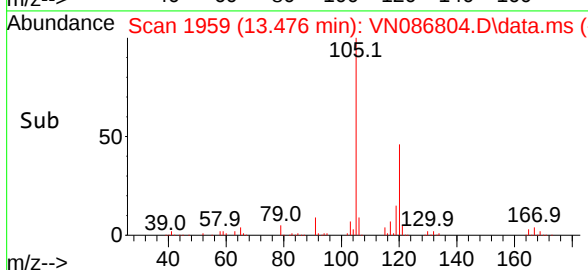
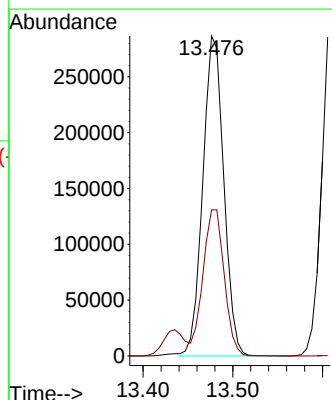
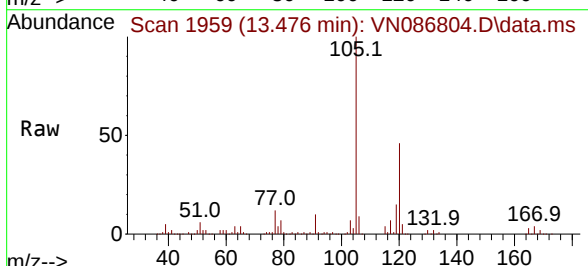
Acq: 29 May 2025 09:56

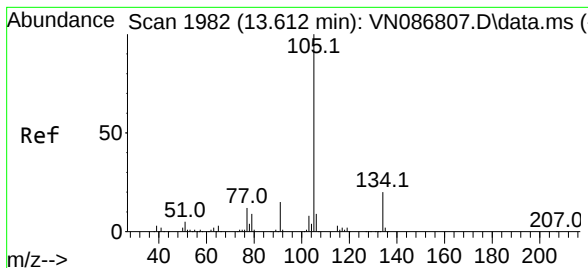
Tgt Ion:105 Resp: 464874

Ion Ratio Lower Upper

105 100

120 46.2 0.0 92.2

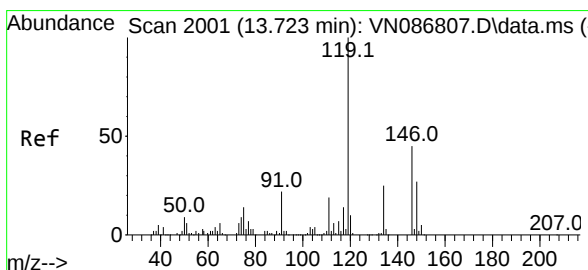
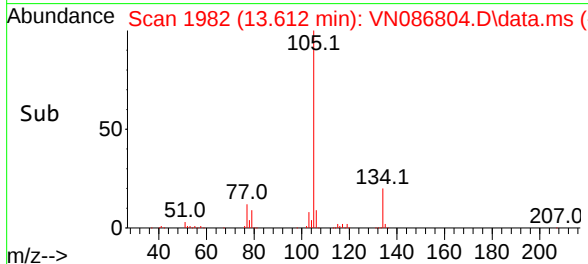
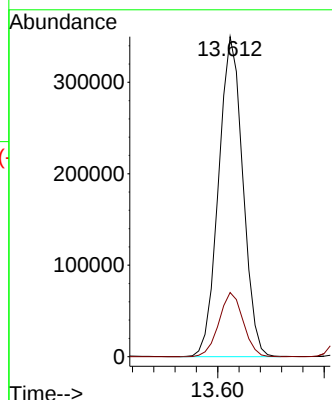
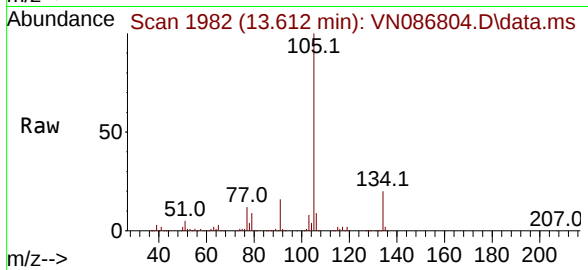




#81
 sec-Butylbenzene
 Concen: 33.874 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

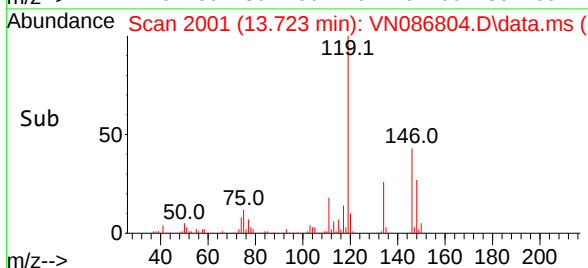
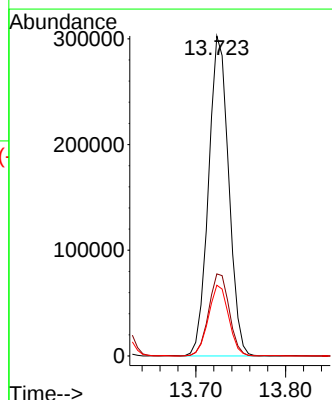
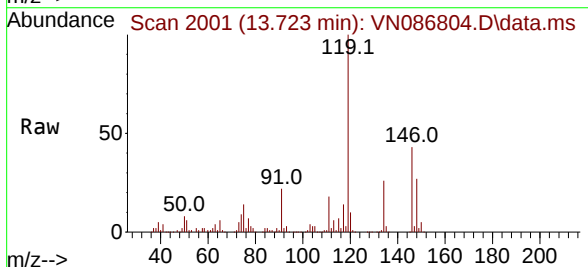
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

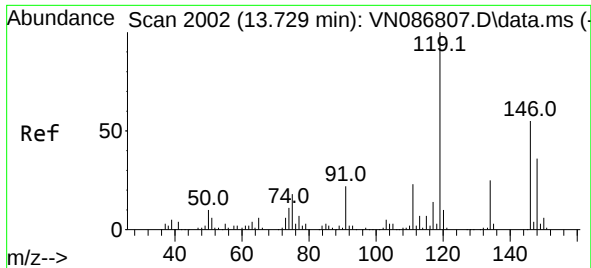
Tgt Ion:105 Resp: 553642
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 34.399 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion:119 Resp: 472082
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 22.2 0.0 45.2

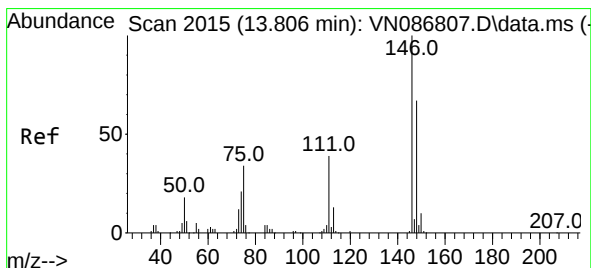
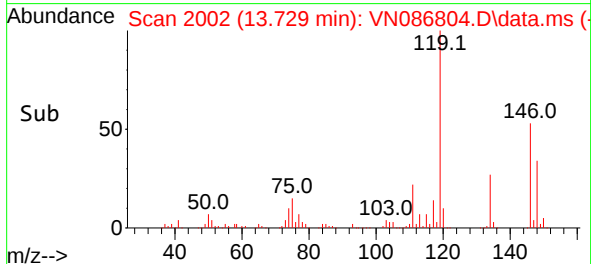
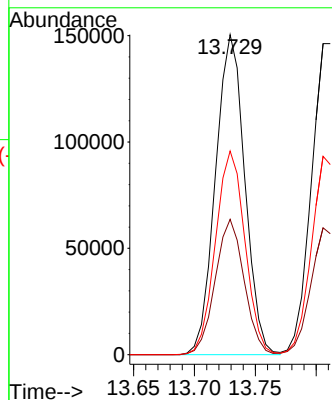
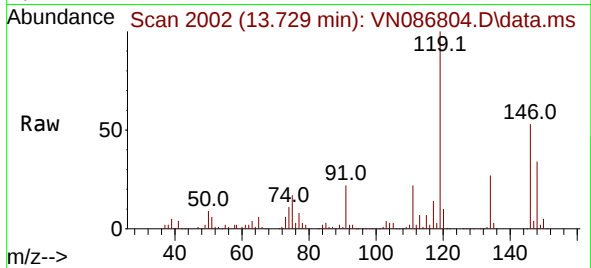




#83
 1,3-Dichlorobenzene
 Concen: 33.140 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

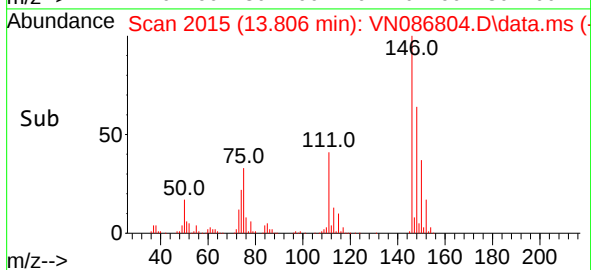
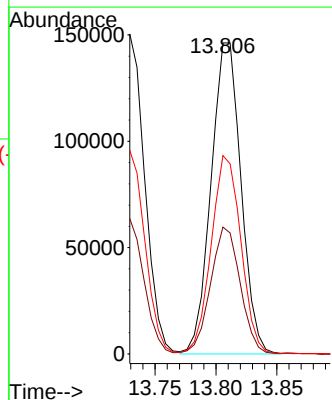
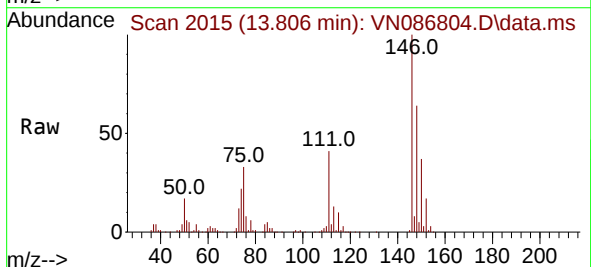
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

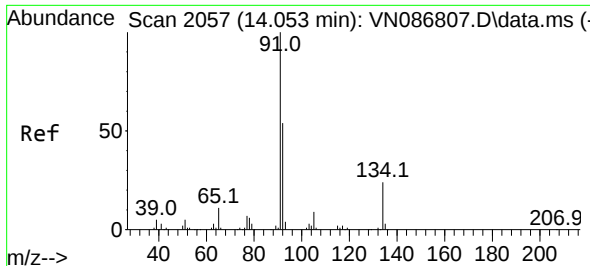
Tgt Ion:146 Resp: 252053
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 64.0 32.1 96.5



#84
 1,4-Dichlorobenzene
 Concen: 33.129 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion:146 Resp: 250743
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 63.0 31.9 95.5

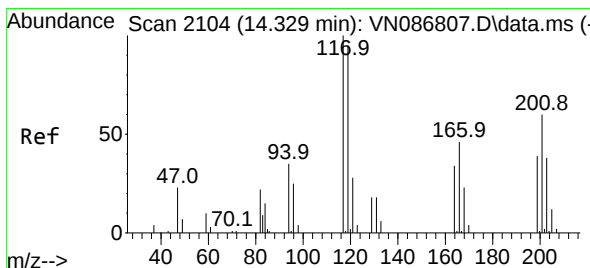
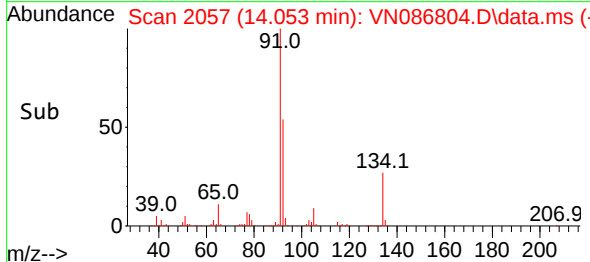
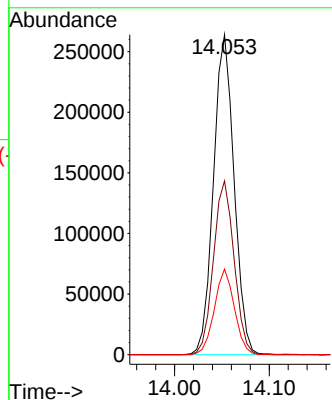
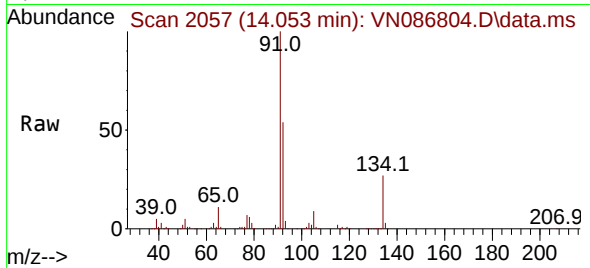




#85
n-Butylbenzene
Concen: 34.817 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

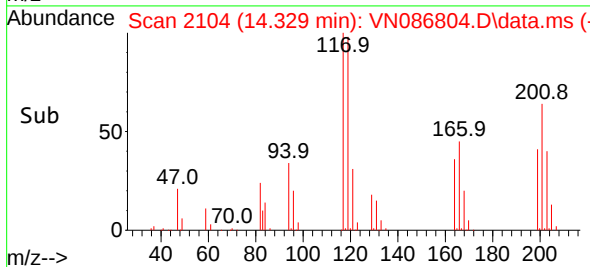
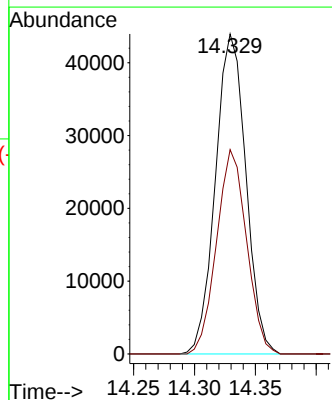
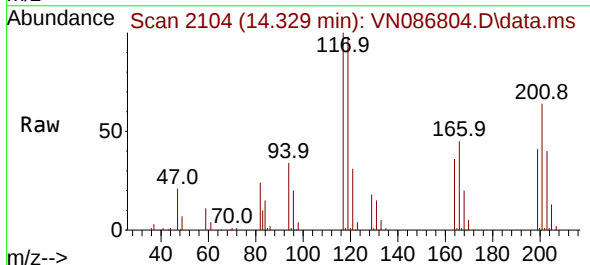
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

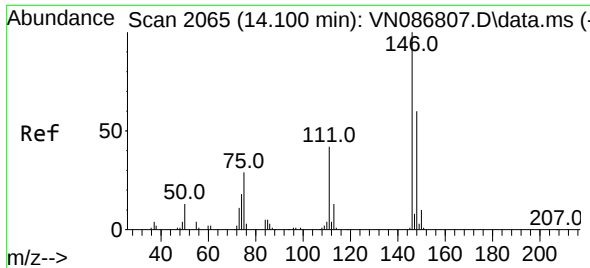
Tgt Ion: 91 Resp: 400024
Ion Ratio Lower Upper
91 100
92 54.4 0.0 107.6
134 25.9 0.0 50.0



#86
Hexachloroethane
Concen: 32.678 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion: 117 Resp: 76432
Ion Ratio Lower Upper
117 100
201 62.9 31.4 94.3

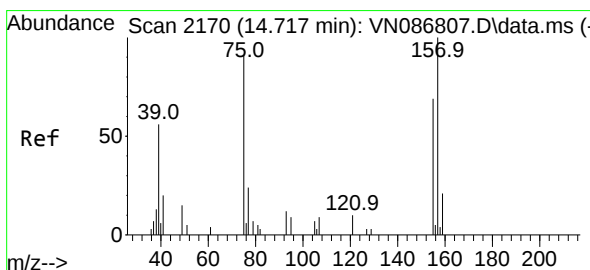
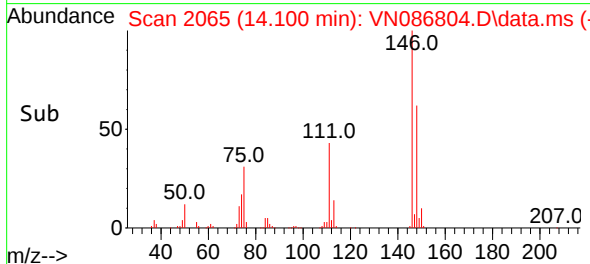
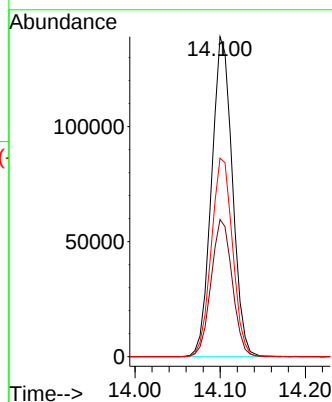
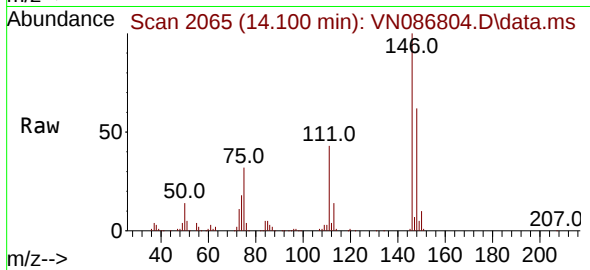




#87
 1,2-Dichlorobenzene
 Concen: 32.195 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

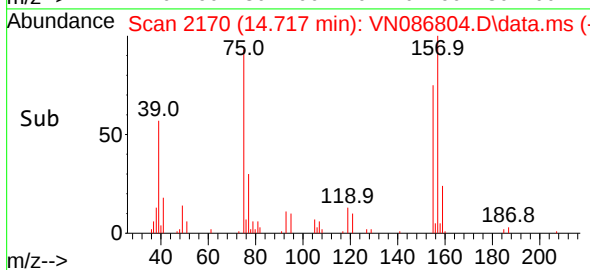
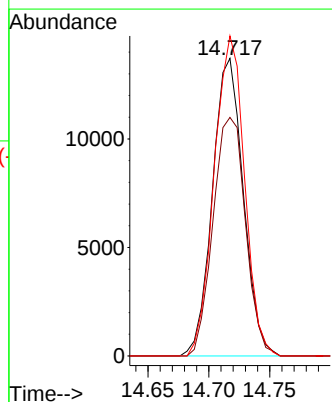
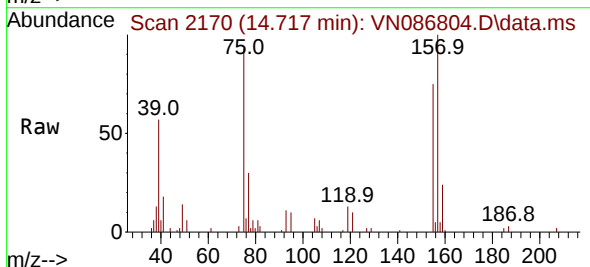
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

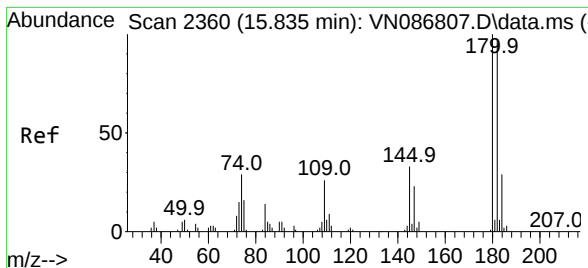
Tgt Ion:146 Resp: 236205
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.8
 148 63.6 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 28.963 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086804.D
 Acq: 29 May 2025 09:56

Tgt Ion: 75 Resp: 24187
 Ion Ratio Lower Upper
 75 100
 155 84.2 62.9 94.3
 157 105.7 84.0 126.0





#89

1,2,4-Trichlorobenzene

Concen: 32.946 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

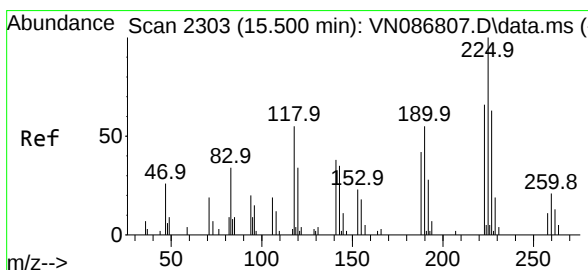
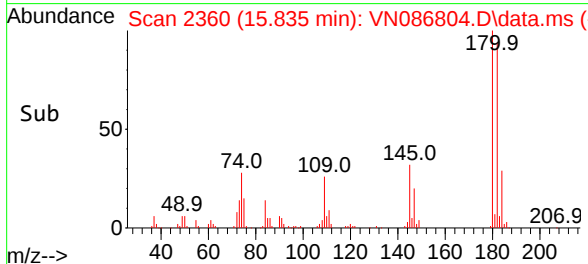
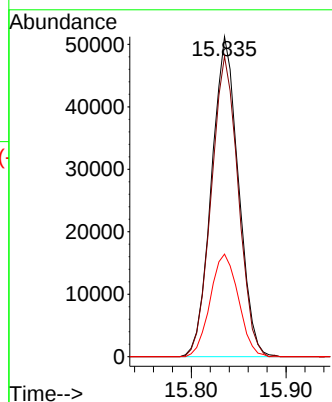
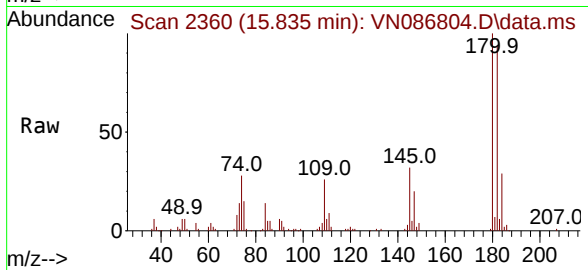
Tgt Ion:180 Resp: 101158

Ion Ratio Lower Upper

180 100

182 93.7 78.2 117.2

145 33.5 28.0 42.0



#90

Hexachlorobutadiene

Concen: 32.952 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086804.D

Acq: 29 May 2025 09:56

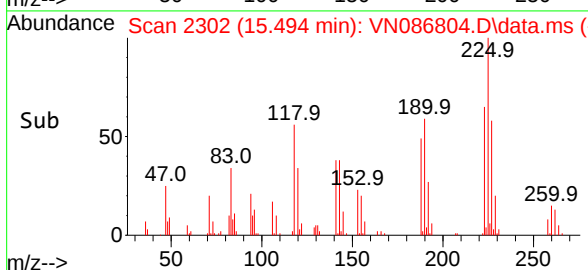
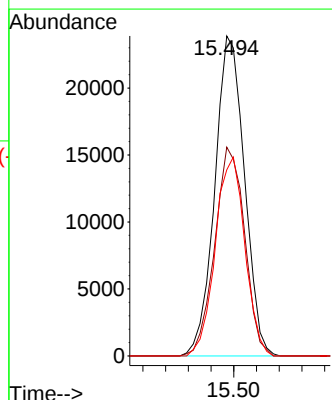
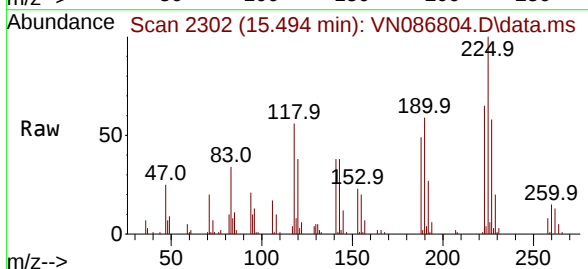
Tgt Ion:225 Resp: 43364

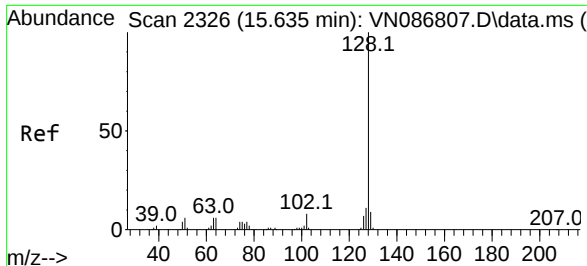
Ion Ratio Lower Upper

225 100

223 65.7 0.0 135.8

227 62.0 0.0 125.0

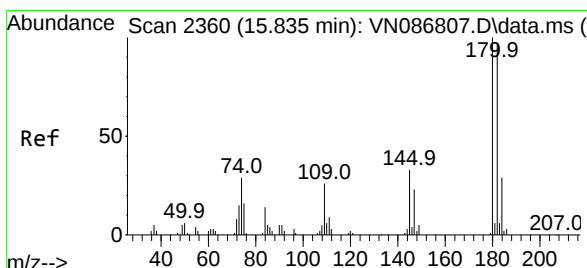
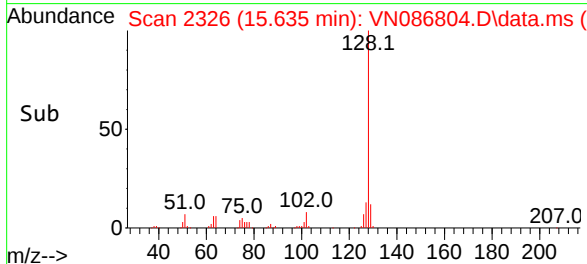
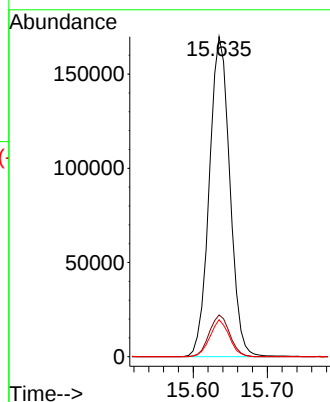
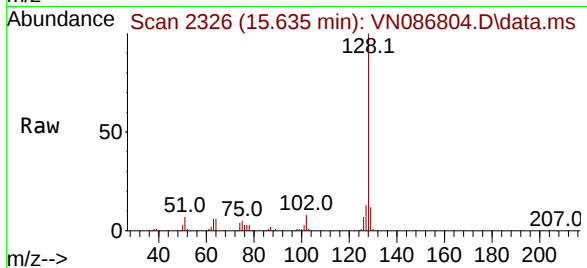




#91
Naphthalene
Concen: 30.532 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 327094
Ion Ratio Lower Upper
128 100
127 13.0 9.8 14.6
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 32.946 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086804.D
Acq: 29 May 2025 09:56

Tgt Ion:180 Resp: 101158
Ion Ratio Lower Upper
180 100
182 93.7 0.0 195.4
145 33.5 0.0 70.0

