

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086662.D
 Acq On : 16 May 2025 12:13
 Operator : JC\MD
 Sample : VN0516WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

Quant Time: May 16 23:01:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28843	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	173361	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	161573	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80840	29.070	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.900%
60) 4-Bromofluorobenzene	12.847	95	92594	29.158	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.200%
63) Toluene-d8	10.565	98	260836	29.344	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39294	19.733	ug/l	99
3) Chloromethane	2.359	50	55396	19.584	ug/l	95
4) Vinyl Chloride	2.512	62	51371	18.962	ug/l	97
5) Bromomethane	2.959	94	29610	20.935	ug/l	100
6) Chloroethane	3.124	64	34282	18.981	ug/l	98
7) Trichlorofluoromethane	3.495	101	64570	20.192	ug/l	95
8) Diethyl Ether	3.959	74	27158	20.120	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	41828	21.276	ug/l	97
10) 1,1-Dichloroethene	4.336	96	39916	19.837	ug/l	94
11) Methyl Iodide	4.589	142	43977	18.679	ug/l	95
12) Methyl Acetate	5.018	43	61425	21.537	ug/l	98
13) Acrolein	4.183	56	16736	128.356	ug/l	98
14) Acrylonitrile	5.718	53	114051	107.446	ug/l	99
15) Acetone	4.424	58	33011	112.861	ug/l	90
16) Carbon Disulfide	4.712	76	99695	18.803	ug/l	99
17) Allyl chloride	5.018	41	61644	19.159	ug/l	94
18) Methylene Chloride	5.271	84	48480	21.157	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	42271	19.709	ug/l	96
20) Diisopropyl ether	6.665	45	146820	19.192	ug/l	97
21) 1,1-Dichloroethane	6.559	63	83825	20.018	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	54014	20.141	ug/l	94
23) tert-Butyl Alcohol	5.512	59	45044	109.543	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	145424	19.561	ug/l	97
25) Chloroform	7.959	83	85427	20.157	ug/l	100
26) Cyclohexane	8.253	56	66905	18.095	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	58978	19.298	ug/l	99
30) 2-Butanone	7.483	43	153279	103.330	ug/l	98
31) 2,2-Dichloropropane	7.483	77	74507	18.965	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	70793	19.384	ug/l	99
33) Carbon Tetrachloride	8.359	117	59126	19.666	ug/l	99
34) Benzene	8.606	78	192237	19.776	ug/l	97
35) Methacrylonitrile	7.777	41	33809	19.980	ug/l	95
36) 1,2-Dichloroethane	8.671	62	61281	19.417	ug/l	98
37) Trichloroethene	9.347	130	47348	19.457	ug/l	89
38) Methylcyclohexane	9.600	83	63786	18.071	ug/l	98
39) 1,2-Dichloropropane	9.618	63	46861	19.514	ug/l	95
40) Dibromomethane	9.706	93	32015	19.935	ug/l	96
41) Bromodichloromethane	9.888	83	66468	19.558	ug/l	98
42) Vinyl Acetate	6.600	43	510422	99.330	ug/l	99

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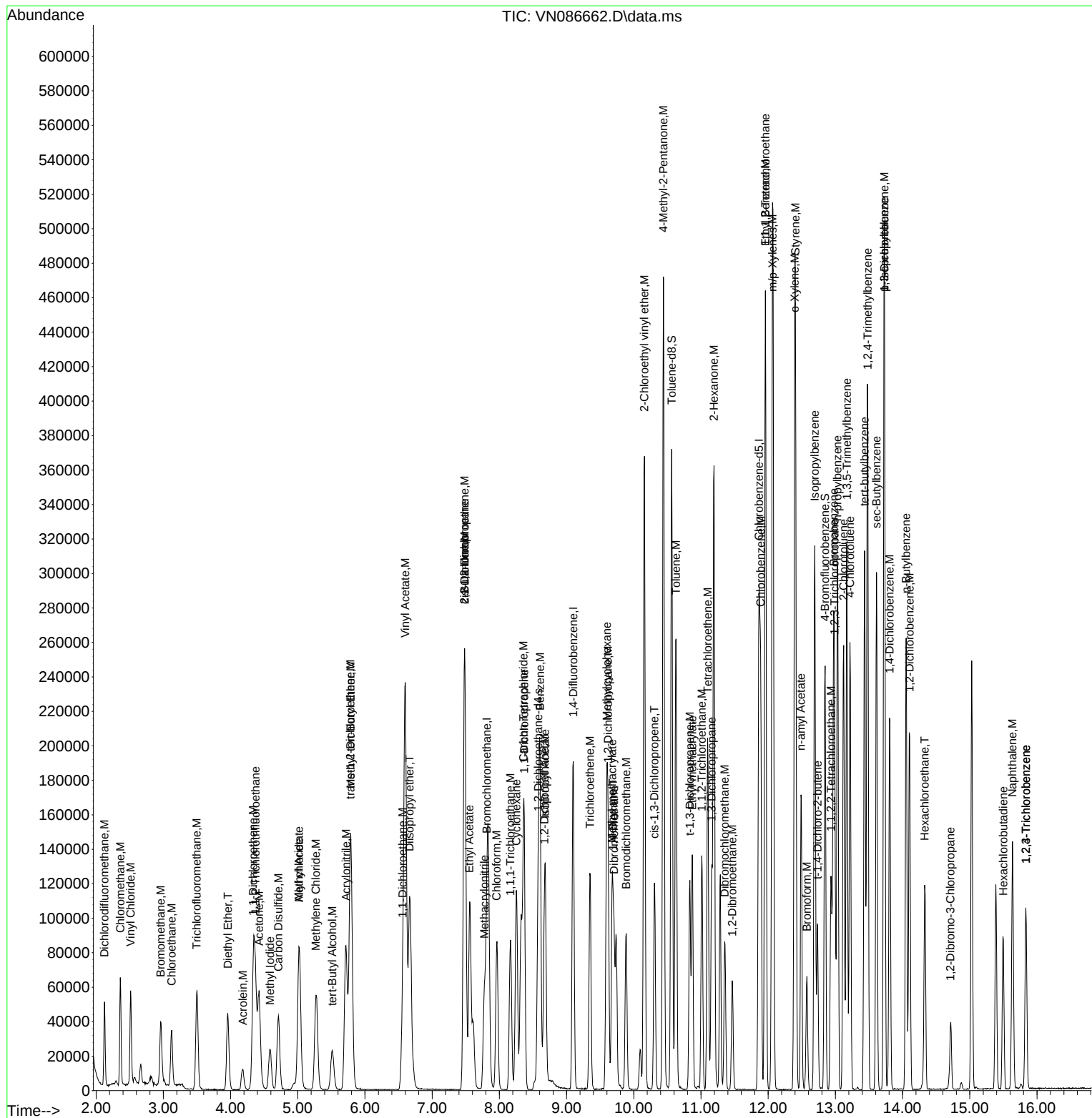
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	59059	20.118	ug/l	98
44) Isopropyl Acetate	8.683	43	111631	20.036	ug/l	99
45) 1,4-Dioxane	9.694	88	19278	443.473	ug/l	98
46) Methyl methacrylate	9.677	41	47887	18.633	ug/l	96
47) n-amyl Acetate	12.488	43	89086	18.760	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	71065	18.704	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	76890	19.190	ug/l	93
50) 1,1,2-Trichloroethane	11.012	97	45343	20.214	ug/l	96
51) Ethyl methacrylate	10.871	69	75294	19.273	ug/l	96
52) 1,3-Dichloropropane	11.159	76	78396	19.774	ug/l	100
53) Dibromochloromethane	11.353	129	49653	19.713	ug/l	99
54) 1,2-Dibromoethane	11.465	107	45530	19.963	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	168644	91.816	ug/l	98
56) Bromoform	12.576	173	32175	19.685	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	308400	98.635	ug/l	99
59) 2-Hexanone	11.194	43	228594	99.211	ug/l	97
61) Tetrachloroethene	11.100	164	48744	19.780	ug/l	95
62) Toluene	10.629	91	209642	19.384	ug/l	98
64) Chlorobenzene	11.888	112	136239	20.217	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	44749	19.860	ug/l	98
66) Ethyl Benzene	11.959	91	230693	18.950	ug/l	100
67) m/p-Xylenes	12.065	106	179510	38.864	ug/l	99
68) o-Xylene	12.394	106	87840	19.423	ug/l	98
69) Styrene	12.406	104	148251	19.340	ug/l	99
70) Isopropylbenzene	12.694	105	215439	19.083	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	66109	22.240	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	87703	33.841	ug/l	41
73) Bromobenzene	12.976	156	52329	20.162	ug/l	97
74) n-propylbenzene	13.029	91	252145	18.795	ug/l	98
75) 2-Chlorotoluene	13.123	91	160479	19.163	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	175405	18.936	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	23586	17.933	ug/l	93
78) 4-Chlorotoluene	13.218	91	161917	19.337	ug/l	99
79) tert-butylbenzene	13.435	119	152013	19.161	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	176072	18.612	ug/l	97
81) sec-Butylbenzene	13.612	105	214213	18.916	ug/l	98
82) p-Isopropyltoluene	13.729	119	173538	18.313	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	95368	19.438	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	92905	19.166	ug/l	100
85) n-Butylbenzene	14.053	91	150093	17.751	ug/l	98
86) Hexachloroethane	14.329	117	28348	18.295	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	92219	19.754	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.712	75	11166	18.480	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	39465	18.548	ug/l	99
90) Hexachlorobutadiene	15.500	225	16886	19.703	ug/l	96
91) Naphthalene	15.635	128	134393	17.643	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39465	18.548	ug/l	99

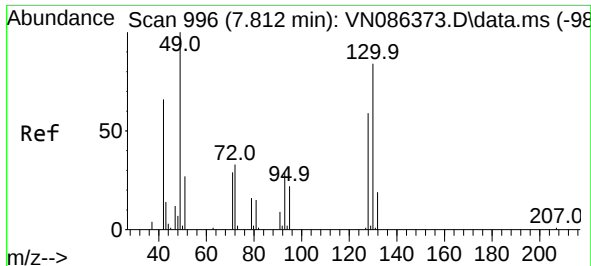
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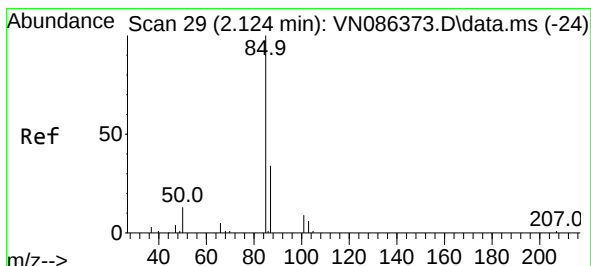
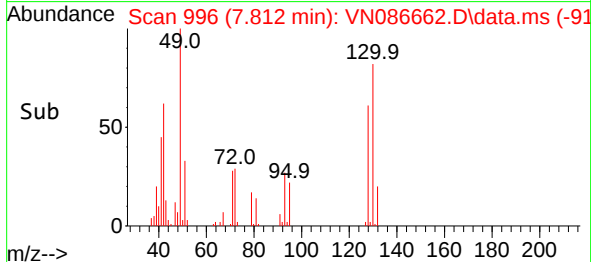
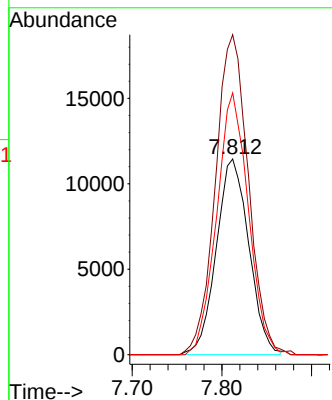
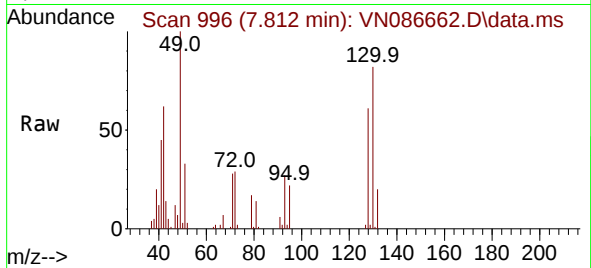




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086662.D
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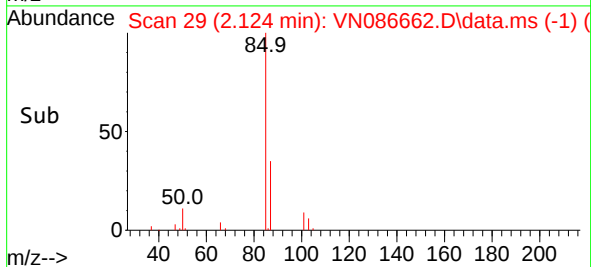
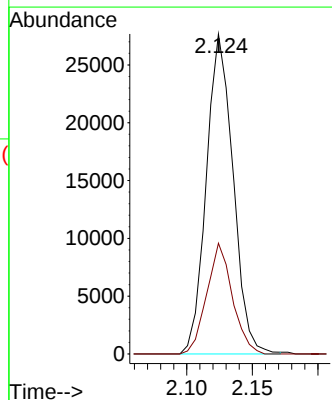
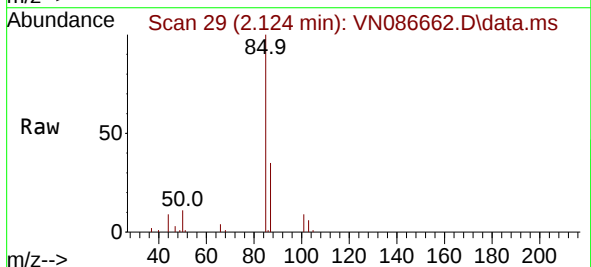
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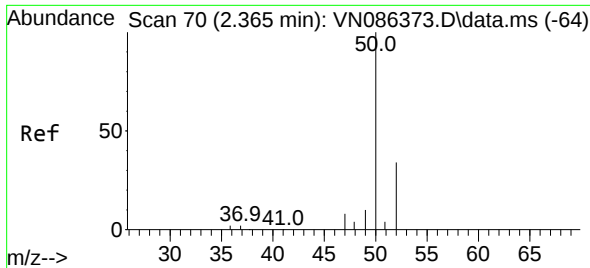
Tgt Ion:128 Resp: 28843
Ion Ratio Lower Upper
128 100
49 165.6 0.0 433.8
130 130.4 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 19.733 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 85 Resp: 39294
Ion Ratio Lower Upper
85 100
87 34.6 17.0 50.9

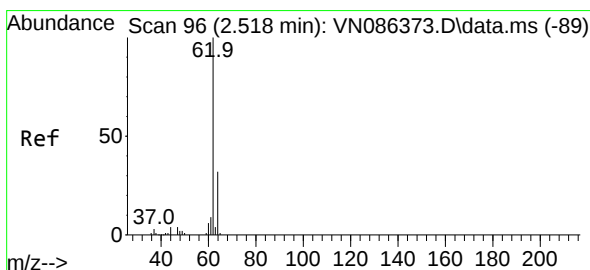
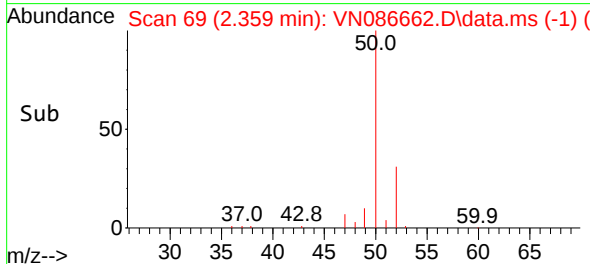
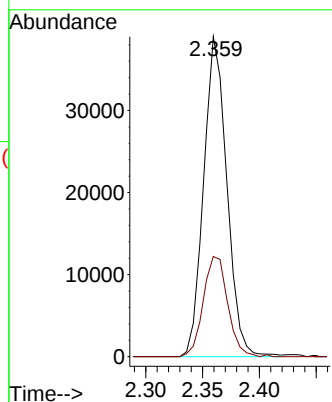
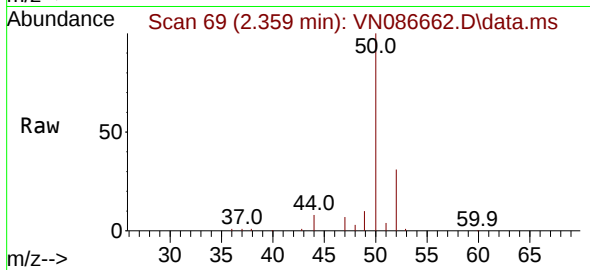




#3
Chloromethane
Concen: 19.584 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

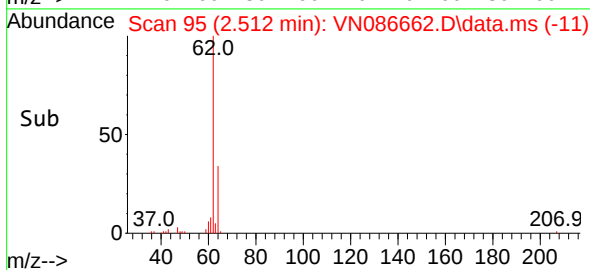
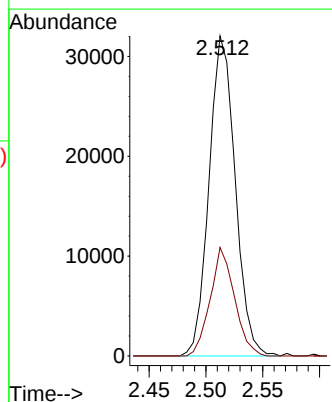
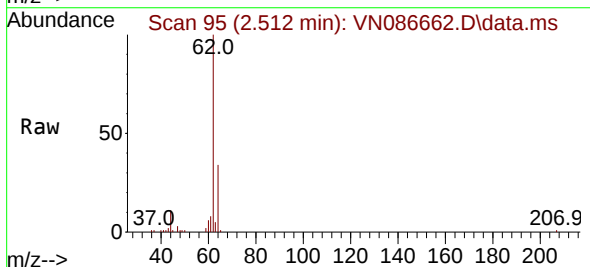
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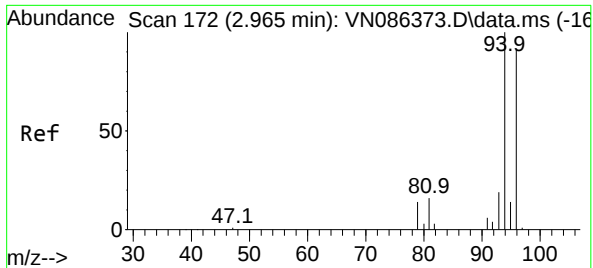
Tgt Ion: 50 Resp: 55396
Ion Ratio Lower Upper
50 100
52 31.3 27.3 40.9



#4
Vinyl Chloride
Concen: 18.962 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 62 Resp: 51371
Ion Ratio Lower Upper
62 100
64 33.9 25.8 38.8

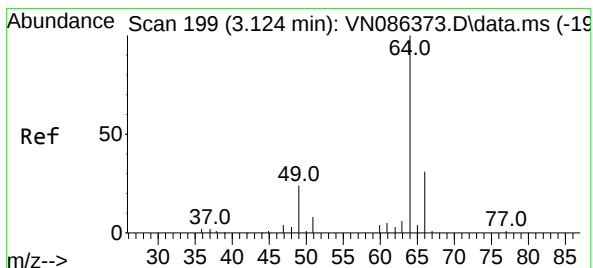
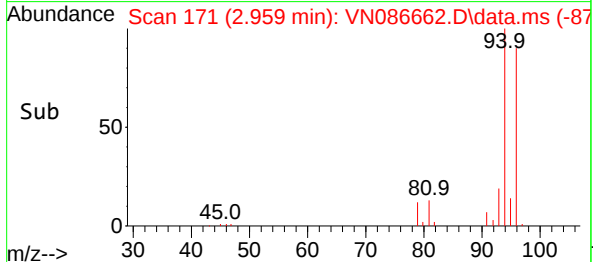
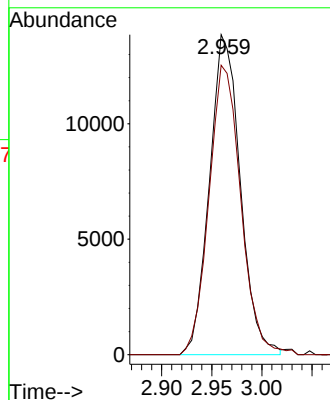
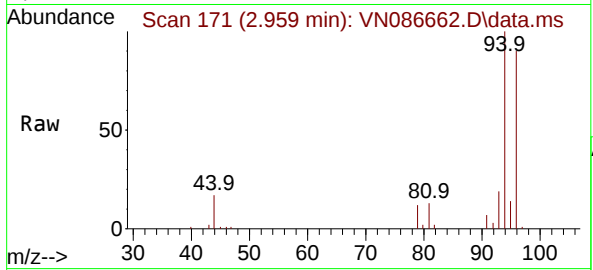




#5
Bromomethane
Concen: 20.935 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086662.D
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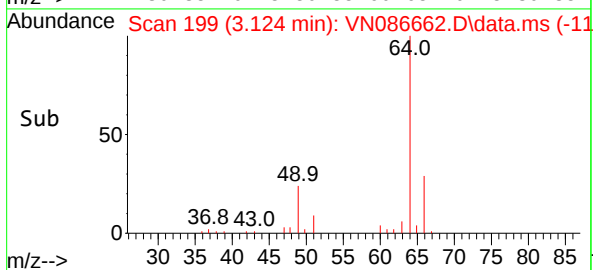
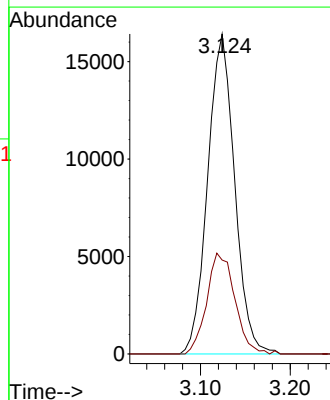
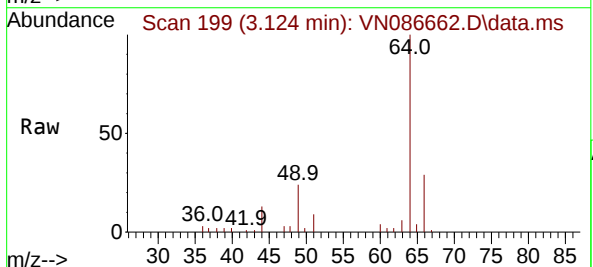
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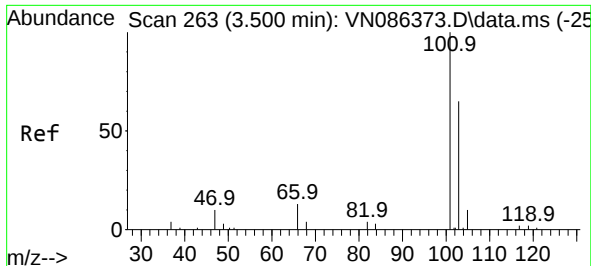
Tgt Ion: 94 Resp: 29610
Ion Ratio Lower Upper
94 100
96 90.5 72.4 108.6



#6
Chloroethane
Concen: 18.981 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 64 Resp: 34282
Ion Ratio Lower Upper
64 100
66 29.3 24.5 36.7

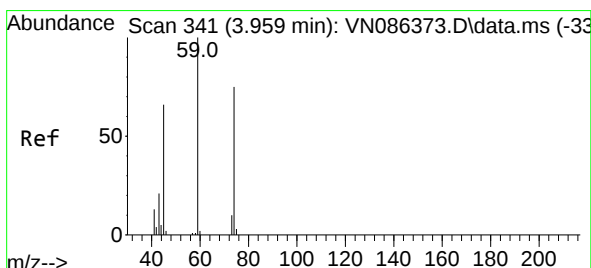
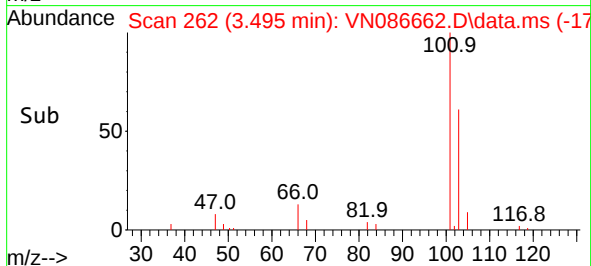
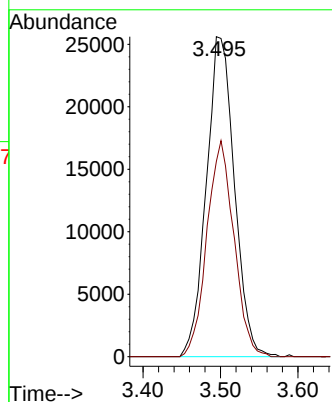
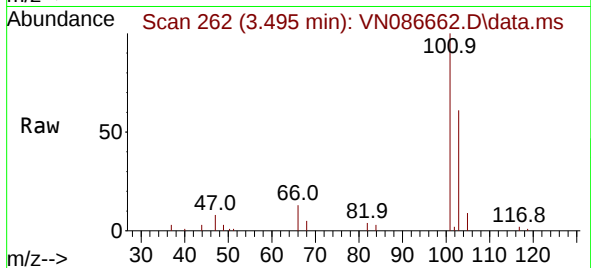




#7
Trichlorofluoromethane
Concen: 20.192 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
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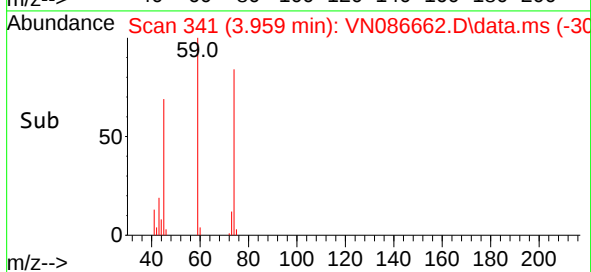
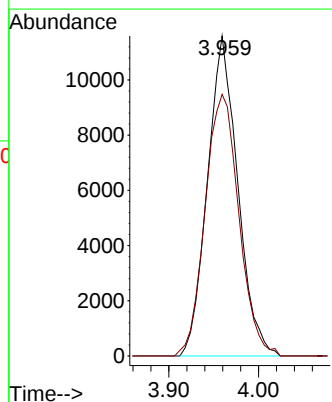
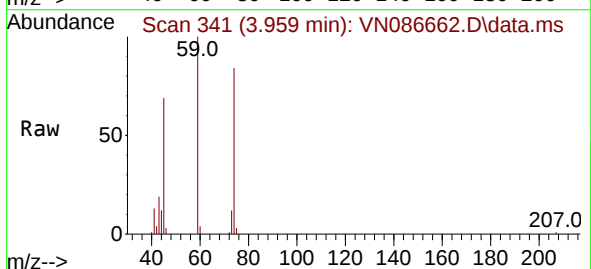
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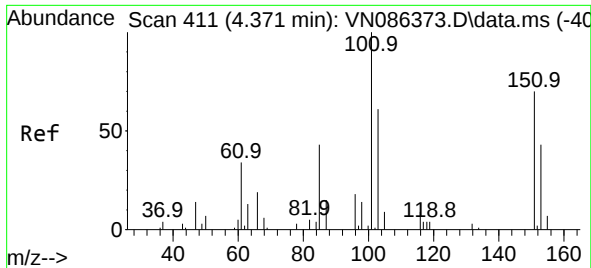
Tgt Ion:101 Resp: 64570
Ion Ratio Lower Upper
101 100
103 61.0 51.8 77.6



#8
Diethyl Ether
Concen: 20.120 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 74 Resp: 27158
Ion Ratio Lower Upper
74 100
45 91.0 18.5 166.3

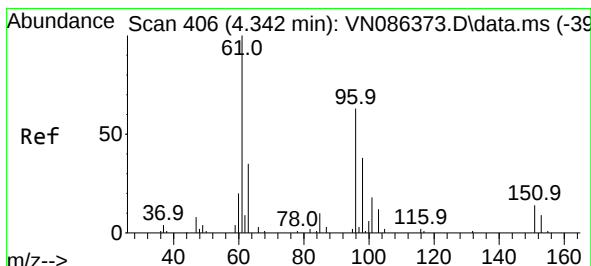
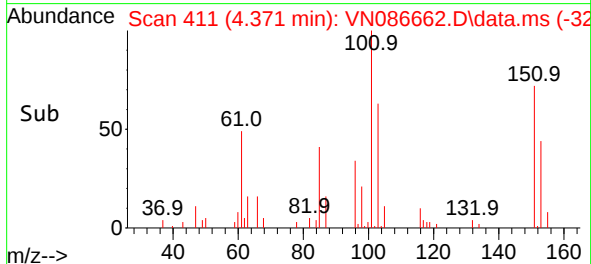
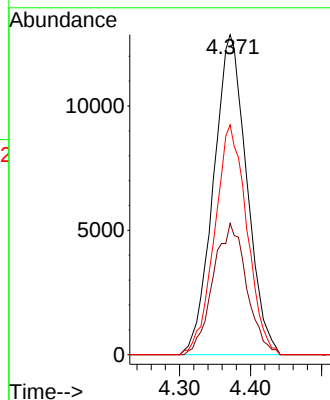
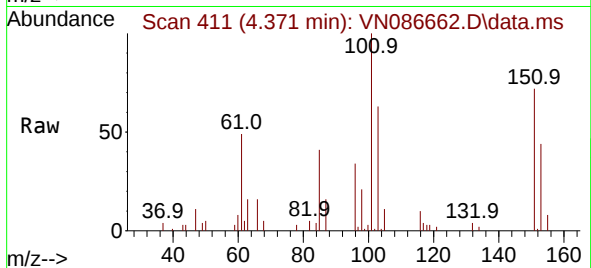




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.276 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
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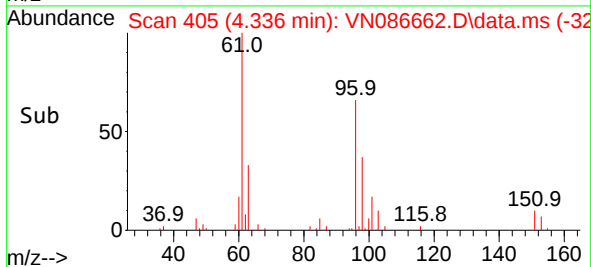
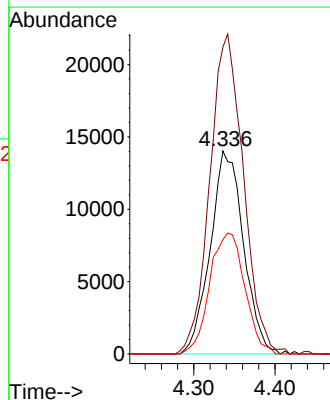
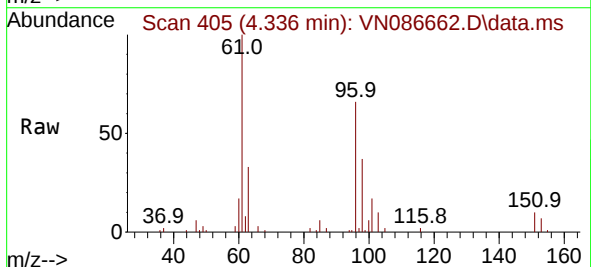
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 ClientSampleId :
 VN0516WBS01

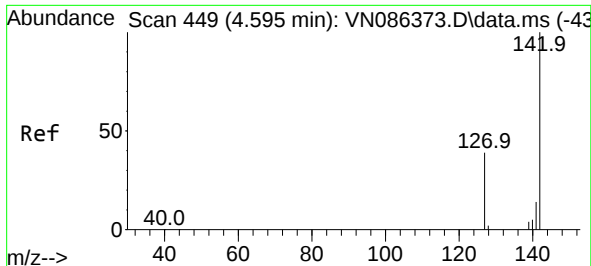
Tgt Ion:101 Resp: 41828
 Ion Ratio Lower Upper
 101 100
 85 41.3 0.0 84.4
 151 69.8 0.0 145.8



#10
 1,1-Dichloroethene
 Concen: 19.837 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

Tgt Ion: 96 Resp: 39916
 Ion Ratio Lower Upper
 96 100
 61 149.8 126.2 189.4
 98 56.4 48.5 72.7

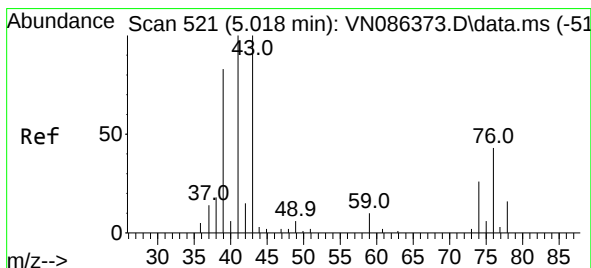
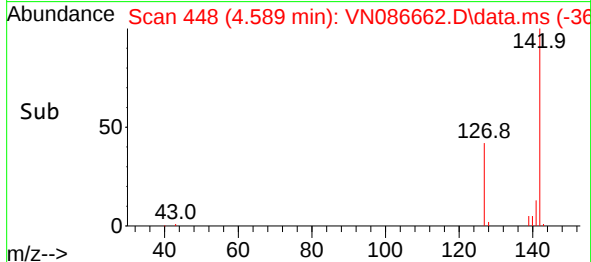
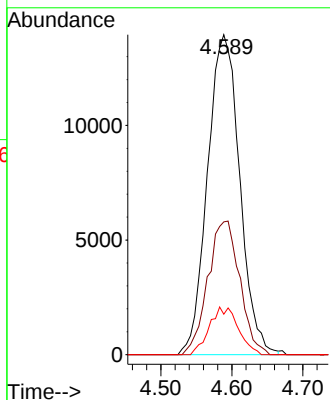
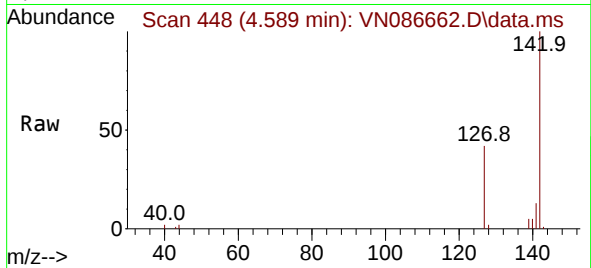




#11
Methyl Iodide
Concen: 18.679 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

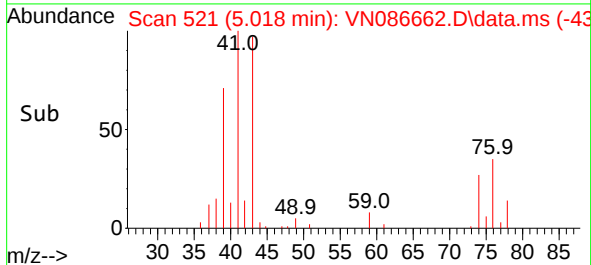
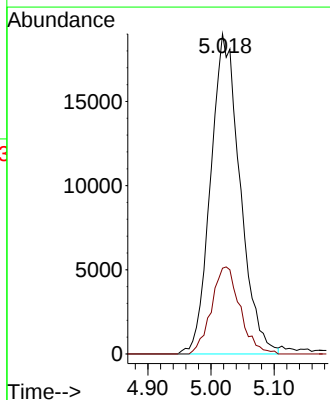
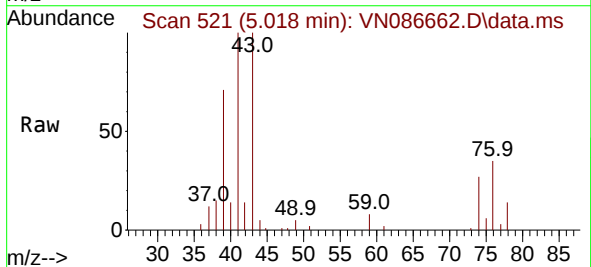
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

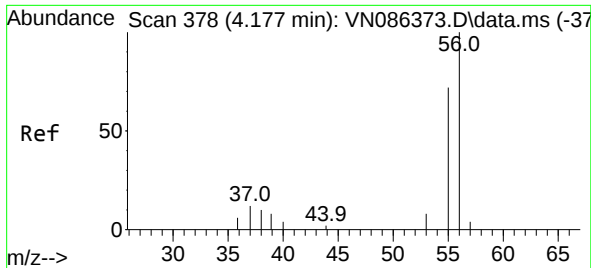
Tgt Ion:142 Resp: 43977
Ion Ratio Lower Upper
142 100
127 41.7 19.3 57.9
141 12.7 7.1 21.3



#12
Methyl Acetate
Concen: 21.537 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 43 Resp: 61425
Ion Ratio Lower Upper
43 100
74 27.1 20.8 31.2





#13

Acrolein

Concen: 128.356 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

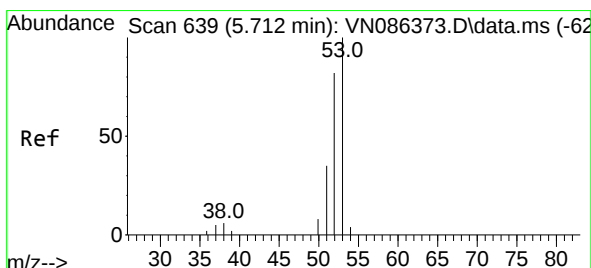
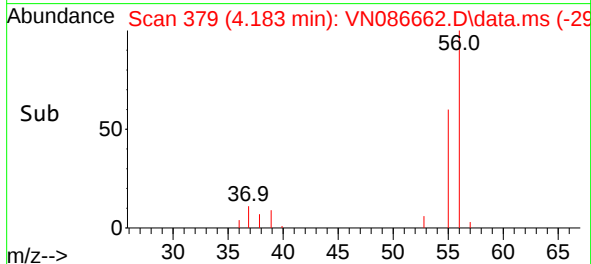
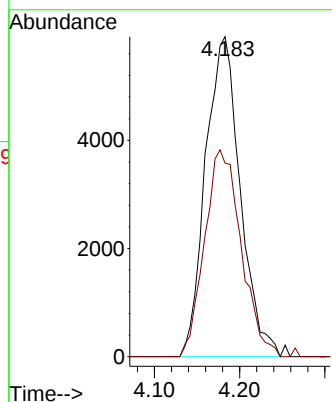
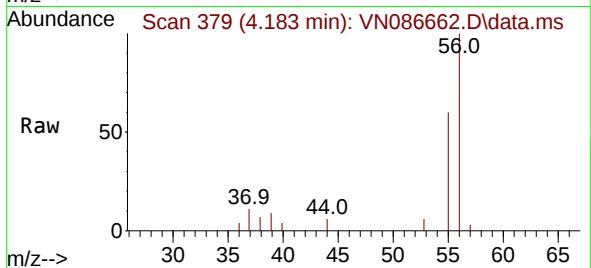
VN0516WBS01

Tgt Ion: 56 Resp: 16736

Ion Ratio Lower Upper

56 100

55 68.2 56.1 84.1



#14

Acrylonitrile

Concen: 107.446 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

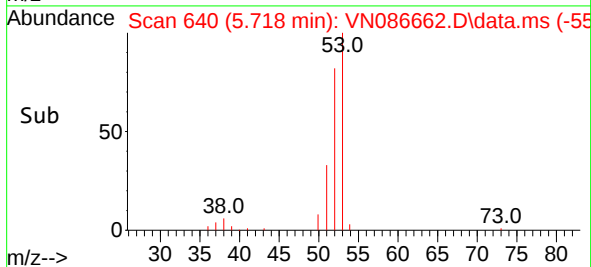
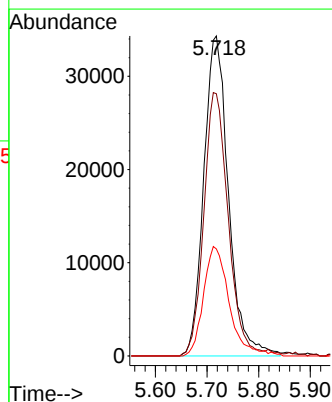
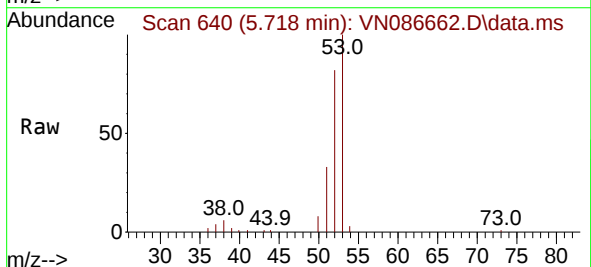
Tgt Ion: 53 Resp: 114051

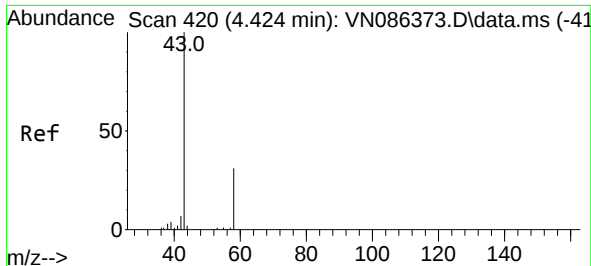
Ion Ratio Lower Upper

53 100

52 81.1 41.2 123.6

51 35.0 17.6 52.8





#15

Acetone

Concen: 112.861 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

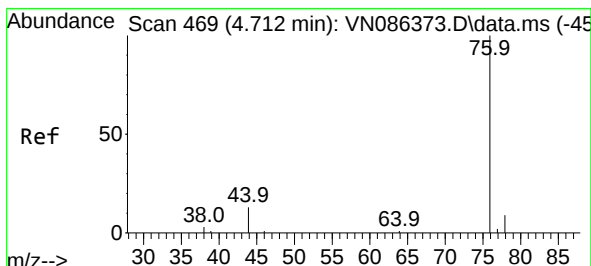
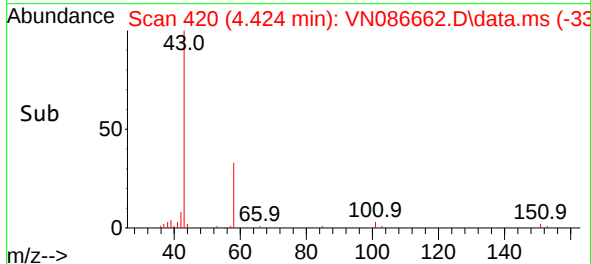
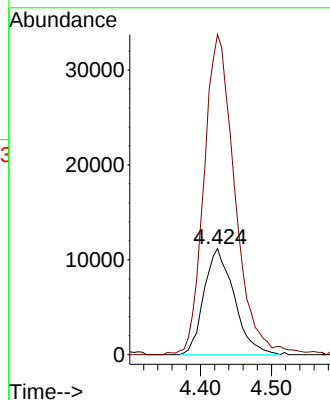
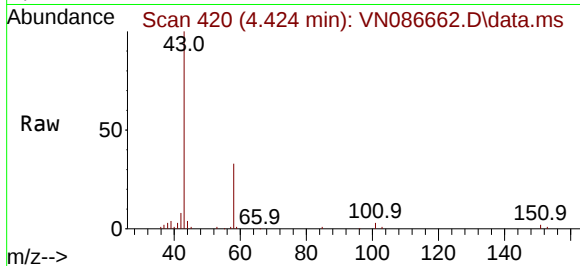
VN0516WBS01

Tgt Ion: 58 Resp: 33011

Ion Ratio Lower Upper

58 100

43 298.1 255.1 382.7



#16

Carbon Disulfide

Concen: 18.803 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086662.D

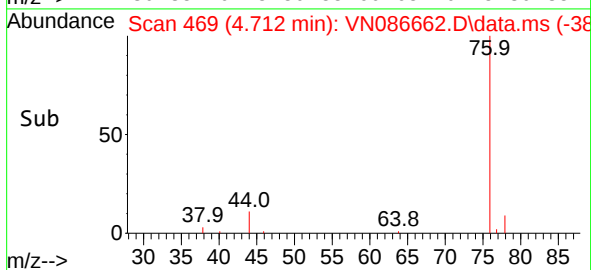
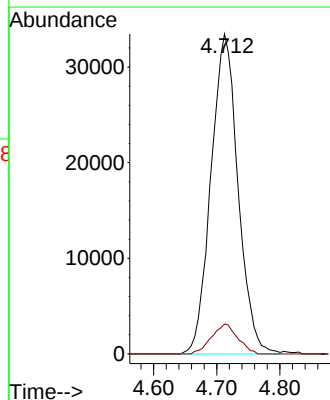
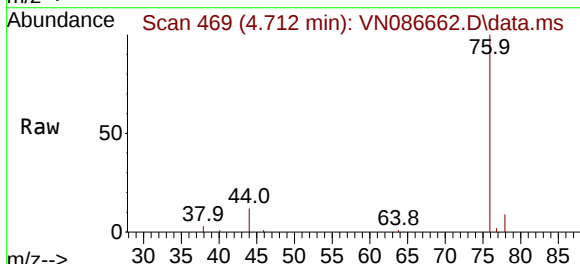
Acq: 16 May 2025 12:13

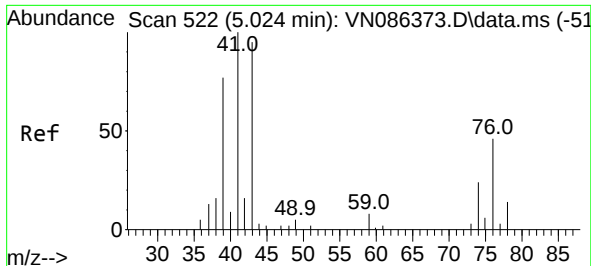
Tgt Ion: 76 Resp: 99695

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

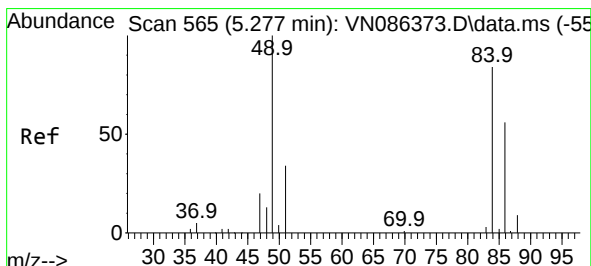
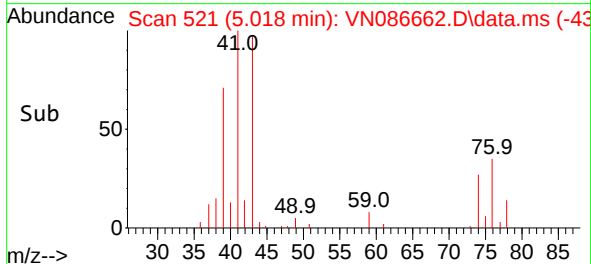
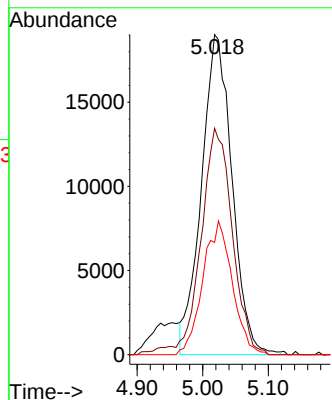
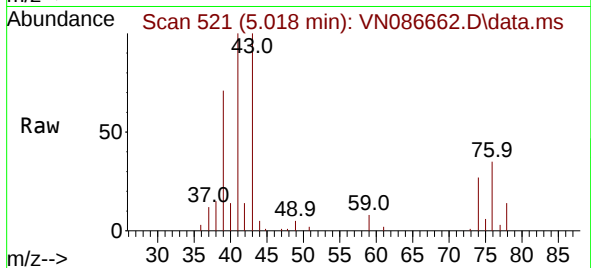




#17
 Allyl chloride
 Concen: 19.159 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

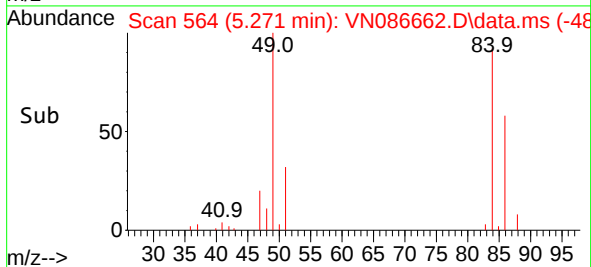
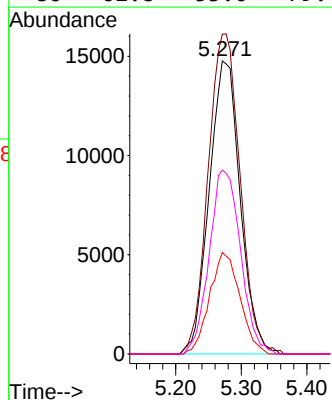
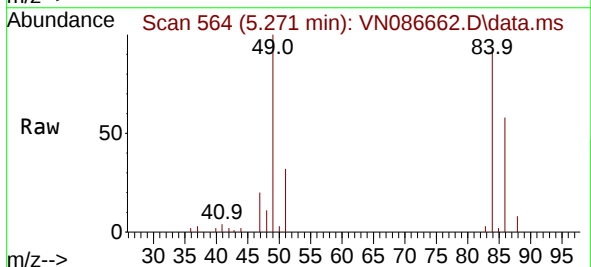
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

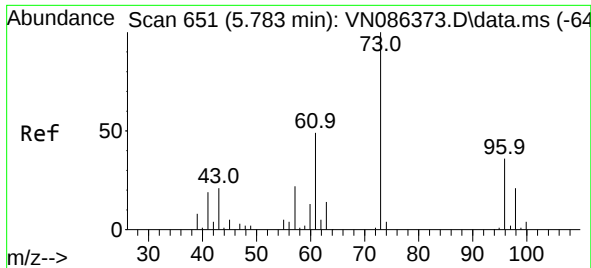
Tgt Ion: 41 Resp: 61644
 Ion Ratio Lower Upper
 41 100
 39 71.3 36.7 110.1
 76 35.3 21.8 65.4



#18
 Methylene Chloride
 Concen: 21.157 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

Tgt Ion: 84 Resp: 48480
 Ion Ratio Lower Upper
 84 100
 49 109.1 95.4 143.0
 51 34.6 32.8 49.2
 86 62.8 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 19.709 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

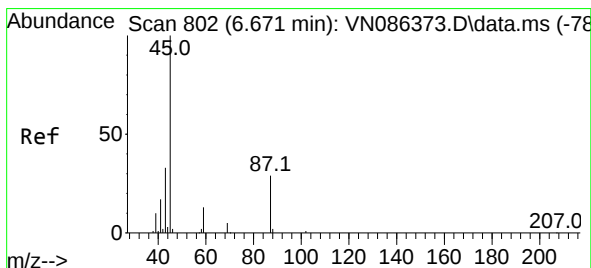
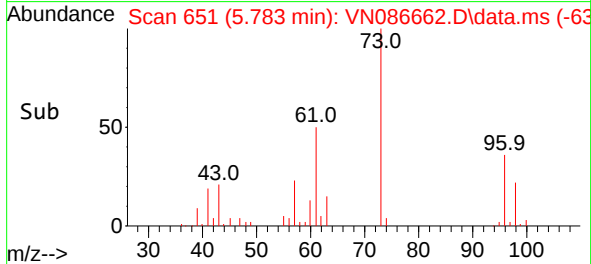
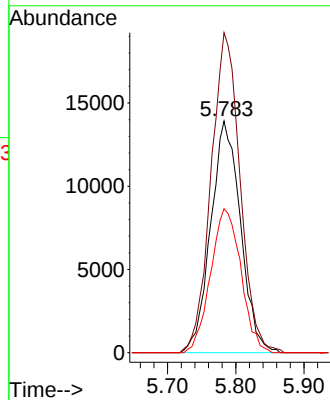
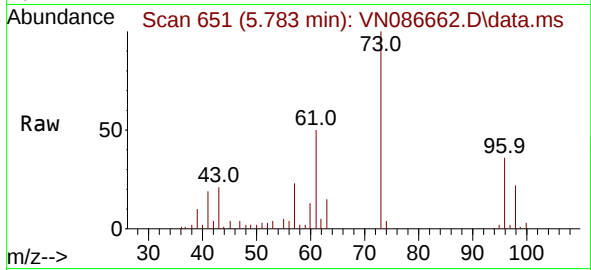
Tgt Ion: 96 Resp: 42271

Ion Ratio Lower Upper

96 100

61 138.2 107.3 160.9

98 62.2 46.7 70.1



#20

Diisopropyl ether

Concen: 19.192 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Tgt Ion: 45 Resp: 146820

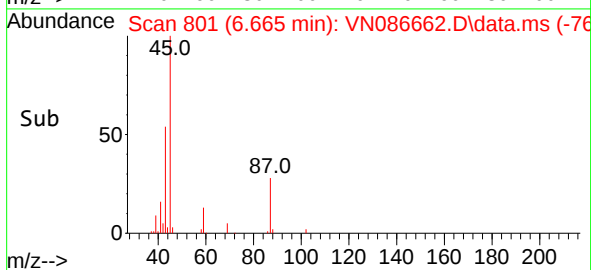
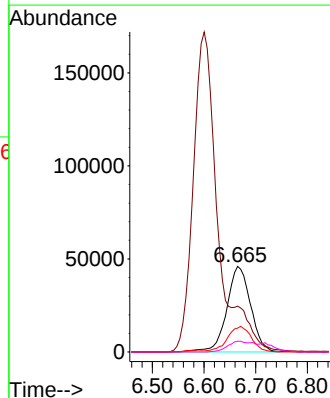
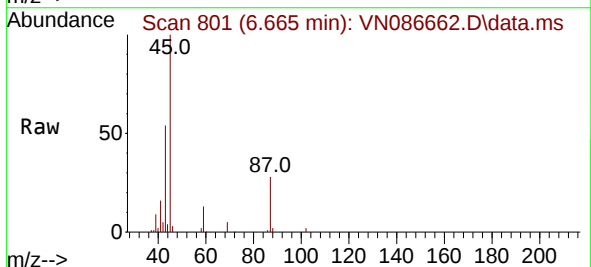
Ion Ratio Lower Upper

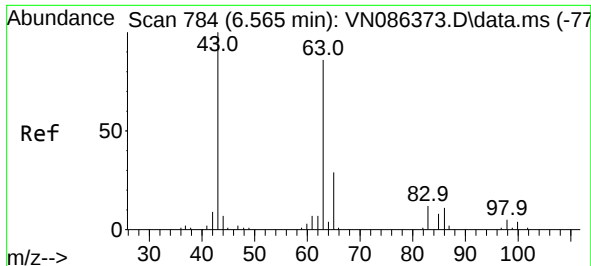
45 100

43 51.4 38.8 58.2

87 27.9 23.5 35.3

59 12.6 10.0 15.0

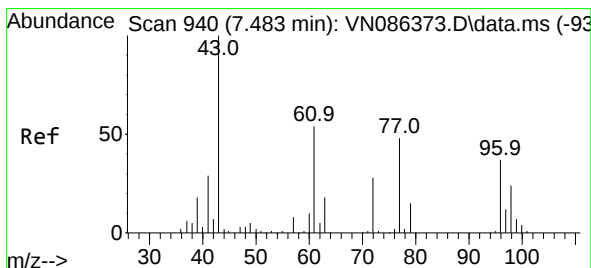
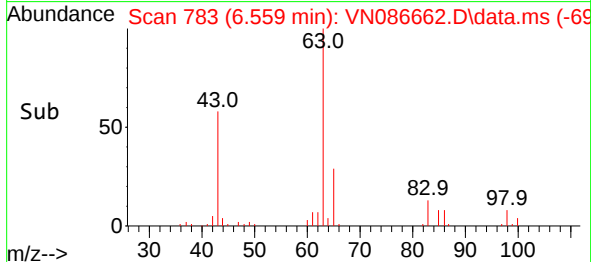
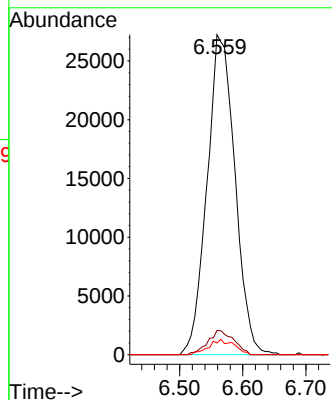
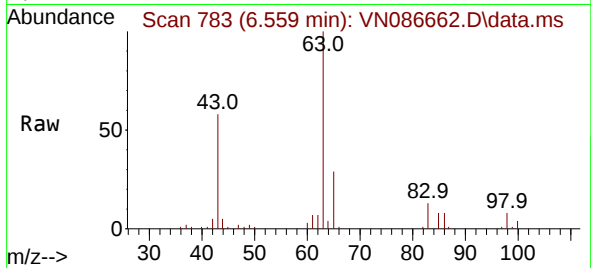




#21
1,1-Dichloroethane
Concen: 20.018 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

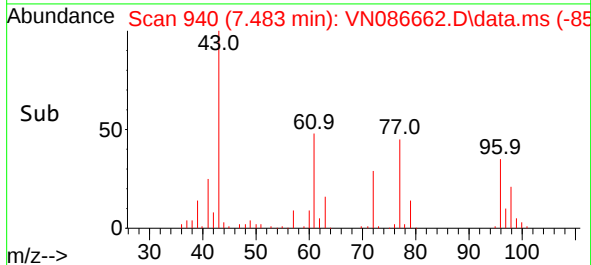
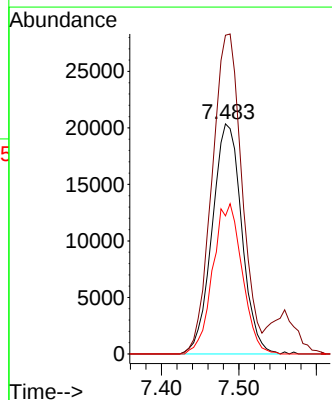
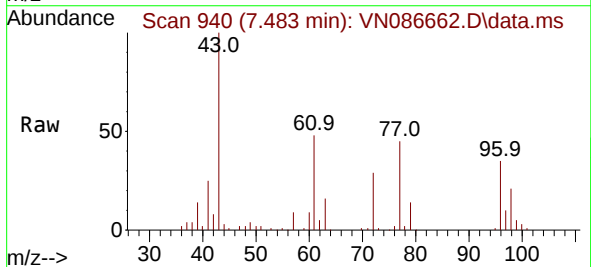
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

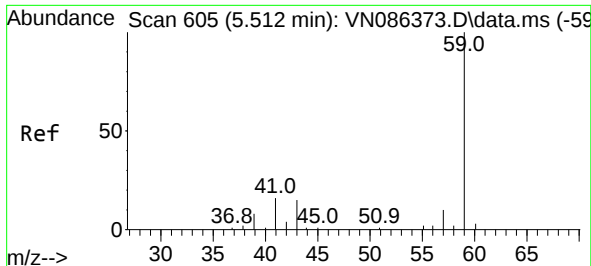
Tgt Ion: 63 Resp: 83825
Ion Ratio Lower Upper
63 100
98 7.6 3.0 9.2
100 3.7 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 20.141 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 96 Resp: 54014
Ion Ratio Lower Upper
96 100
61 140.2 120.6 181.0
98 64.8 51.8 77.6

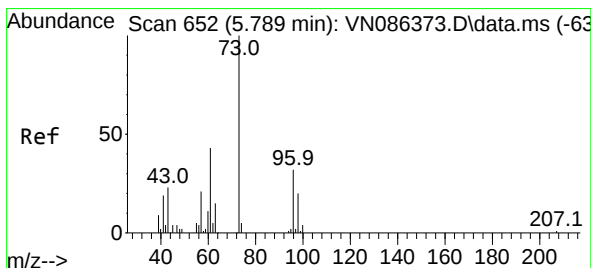
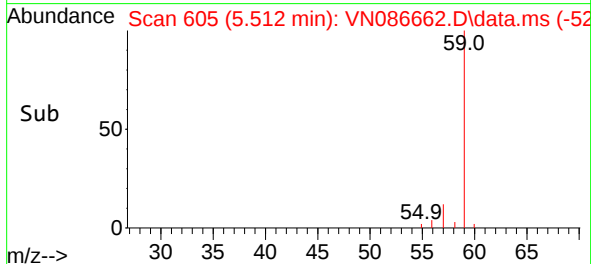
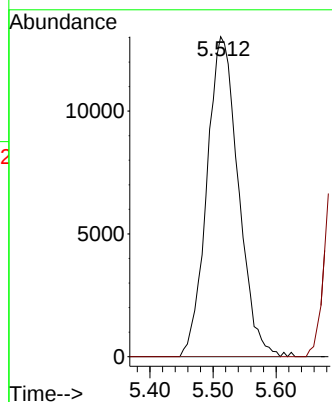
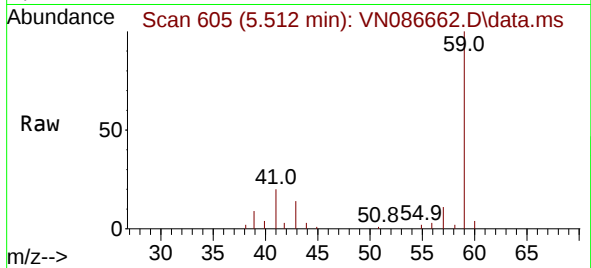




#23
tert-Butyl Alcohol
Concen: 109.543 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

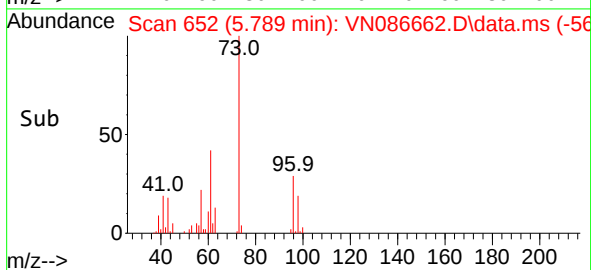
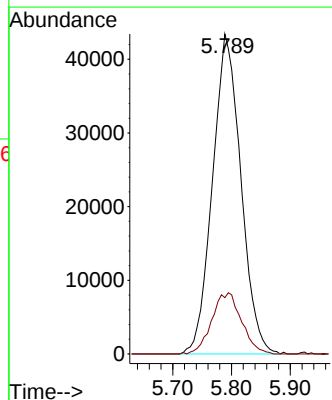
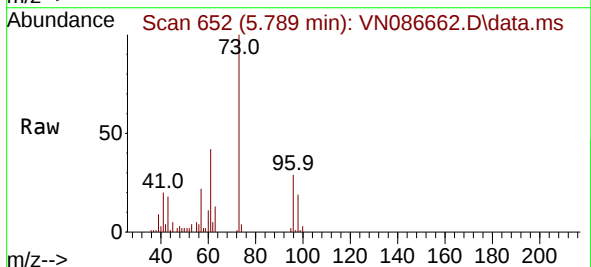
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

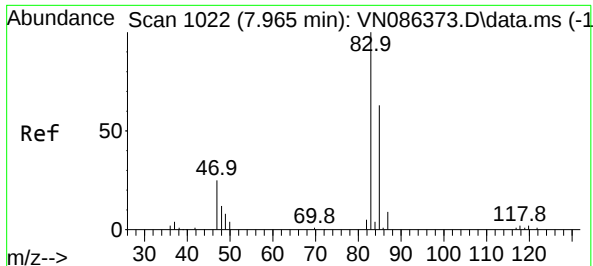
Tgt Ion: 59 Resp: 45044
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.561 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 73 Resp: 145424
Ion Ratio Lower Upper
73 100
43 20.0 17.1 25.7





#25

Chloroform

Concen: 20.157 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

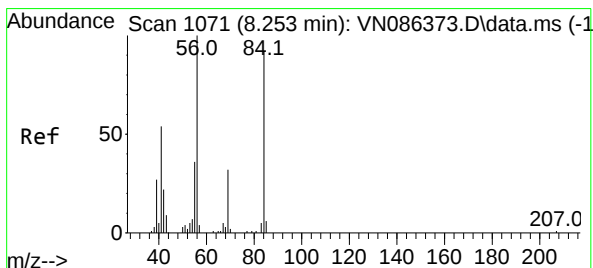
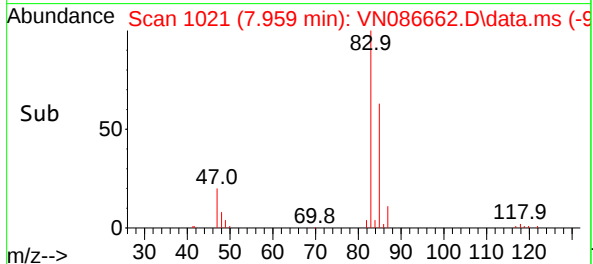
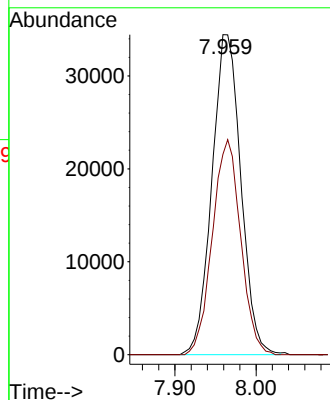
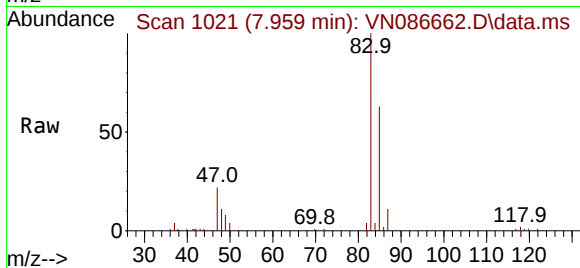
VN0516WBS01

Tgt Ion: 83 Resp: 85427

Ion Ratio Lower Upper

83 100

85 62.6 50.2 75.2



#26

Cyclohexane

Concen: 18.095 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

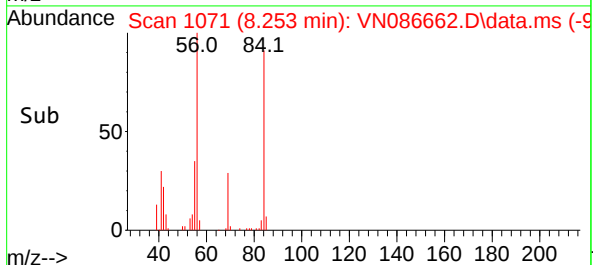
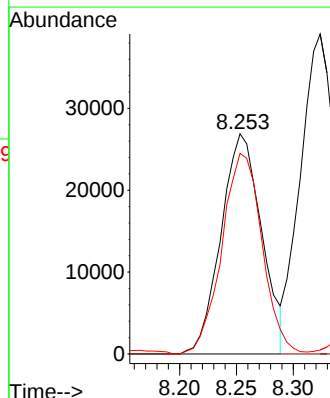
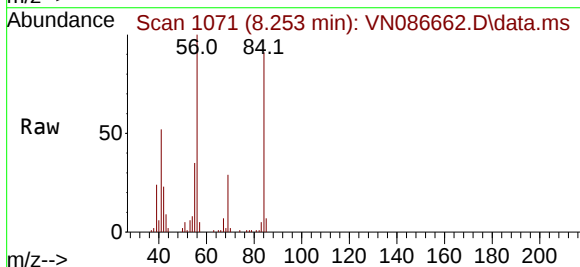
Tgt Ion: 56 Resp: 66905

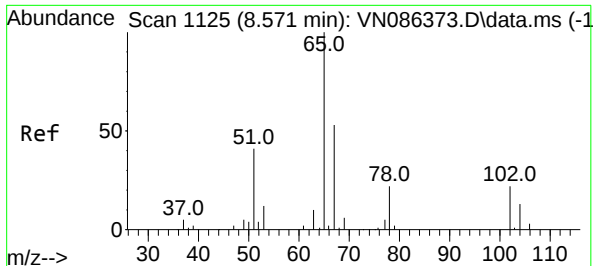
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.2 71.5 107.3





#27

1,2-Dichloroethane-d4

Concen: 29.070 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

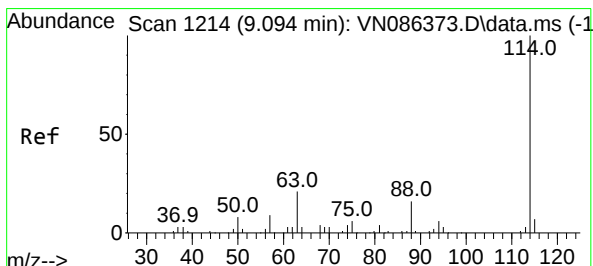
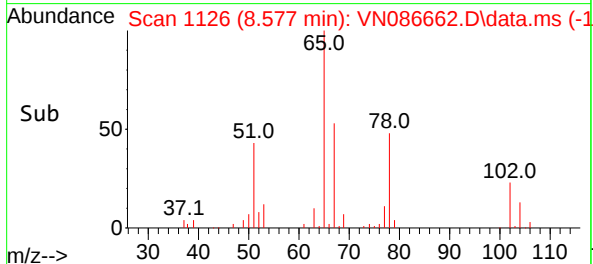
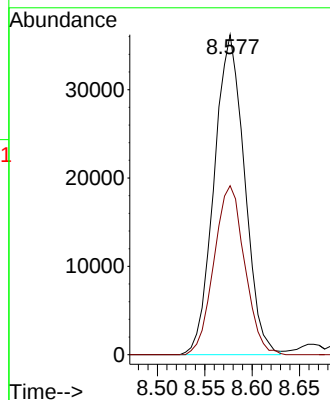
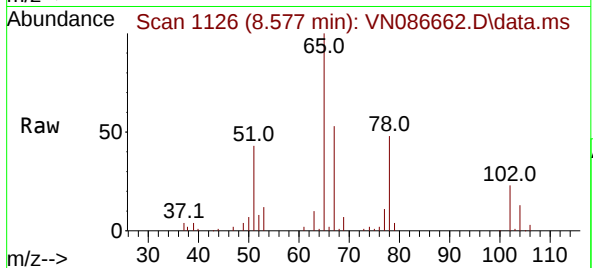
VN0516WBS01

Tgt Ion: 65 Resp: 80840

Ion Ratio Lower Upper

65 100

67 53.2 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

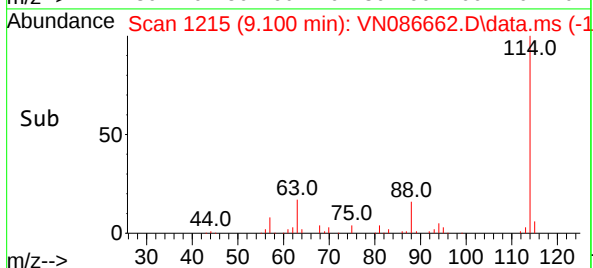
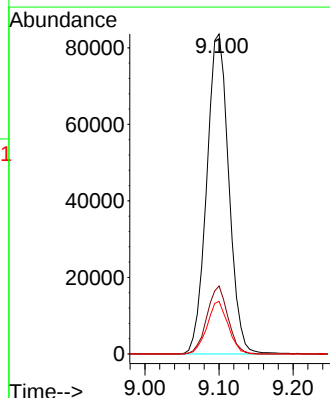
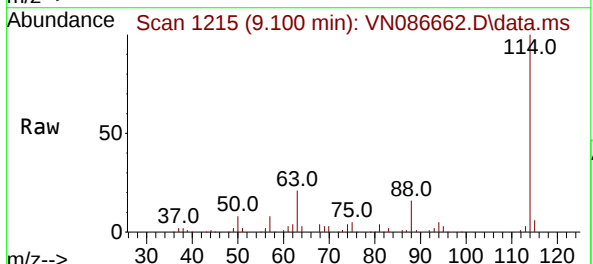
Tgt Ion: 114 Resp: 173361

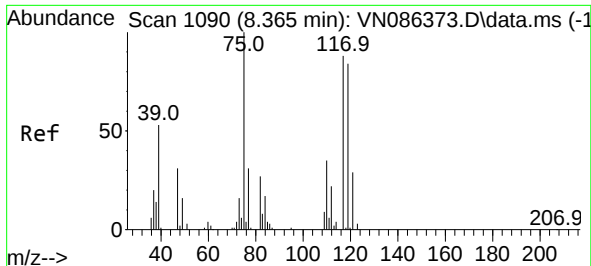
Ion Ratio Lower Upper

114 100

63 20.2 16.7 25.1

88 15.7 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.298 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

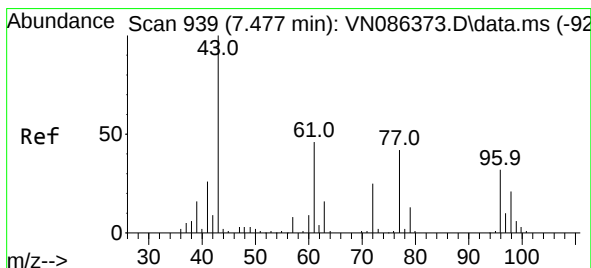
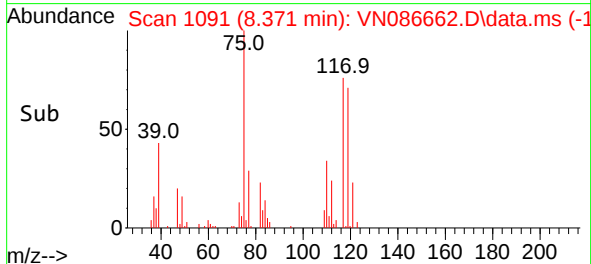
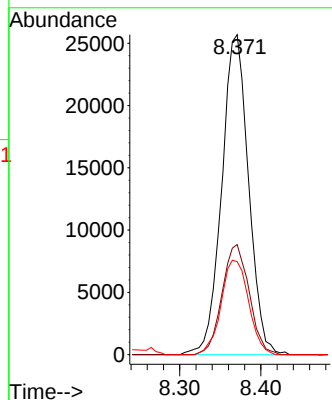
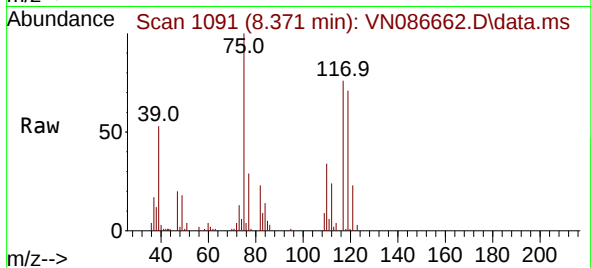
Tgt Ion: 75 Resp: 58978

Ion Ratio Lower Upper

75 100

110 34.8 0.0 68.0

77 30.3 0.0 61.4



#30

2-Butanone

Concen: 103.330 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

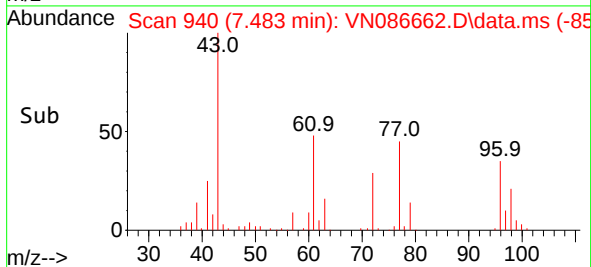
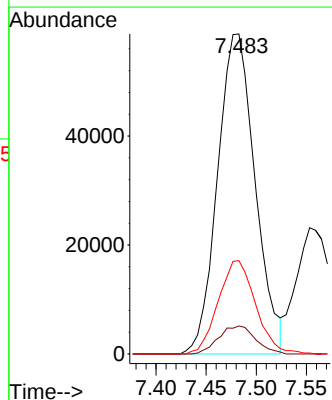
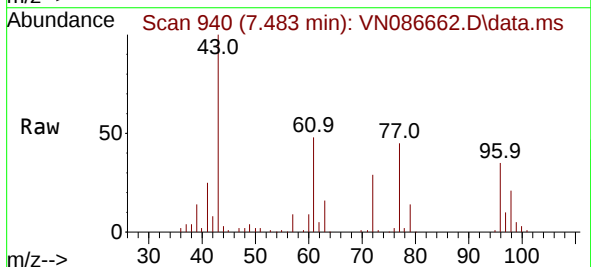
Tgt Ion: 43 Resp: 153279

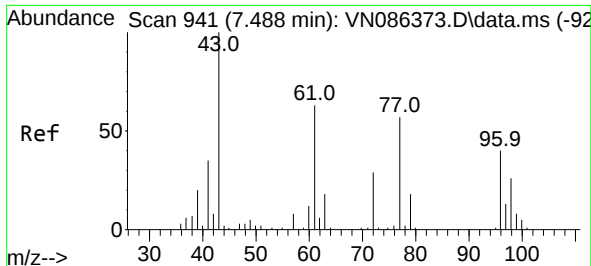
Ion Ratio Lower Upper

43 100

57 8.6 6.6 10.0

72 28.9 22.2 33.4

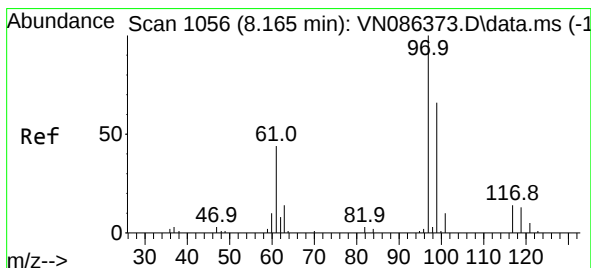
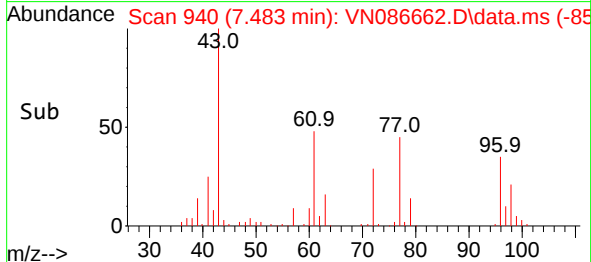
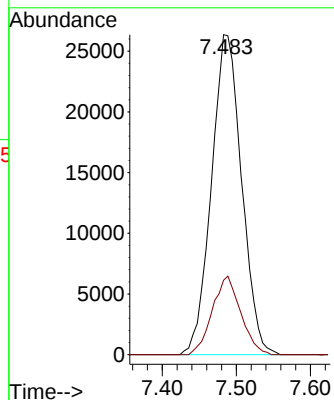
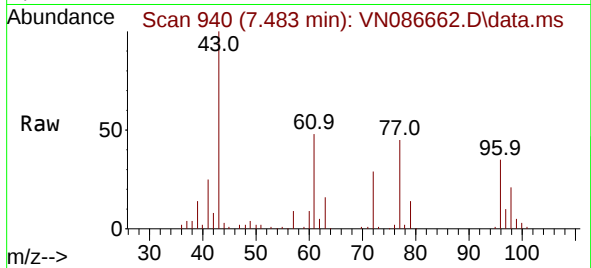




#31
2,2-Dichloropropane
Concen: 18.965 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

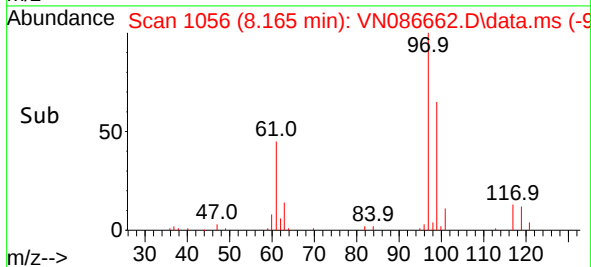
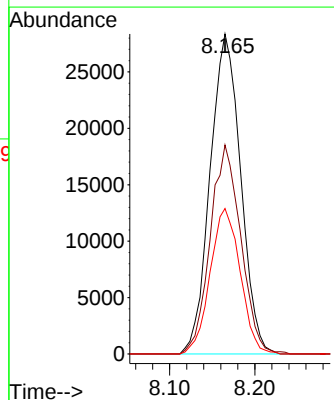
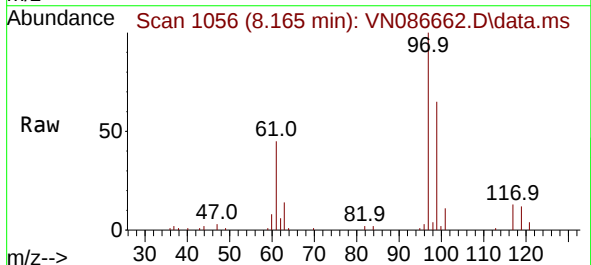
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

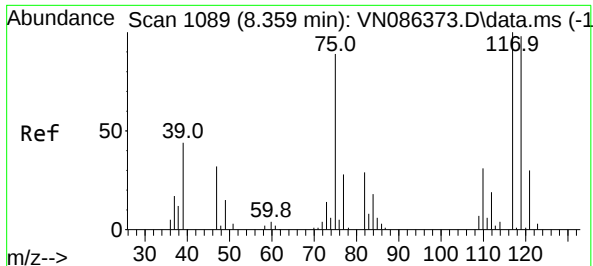
Tgt Ion: 77 Resp: 74507
Ion Ratio Lower Upper
77 100
97 23.1 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 19.384 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 97 Resp: 70793
Ion Ratio Lower Upper
97 100
99 65.2 52.6 79.0
61 44.8 36.4 54.6

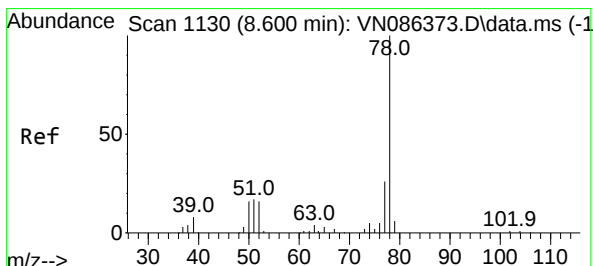
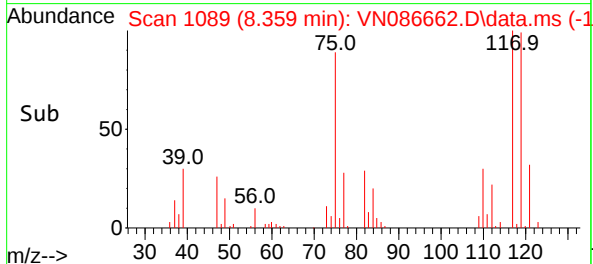
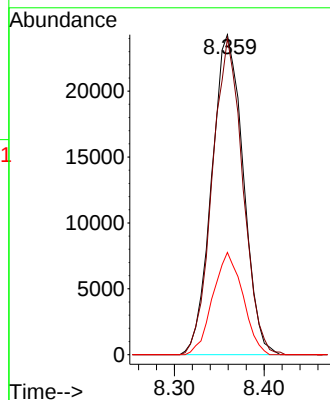
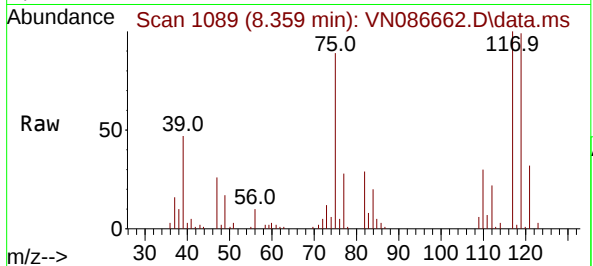




#33
Carbon Tetrachloride
Concen: 19.666 ug/l
RT: 8.359 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

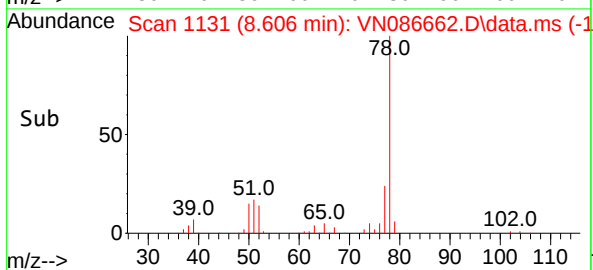
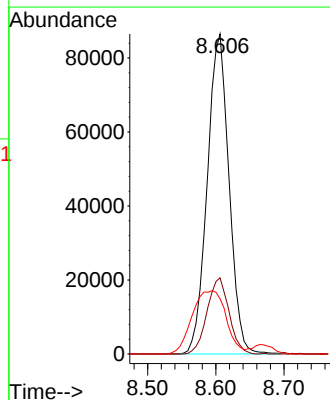
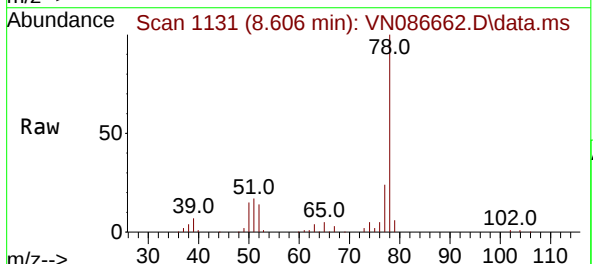
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

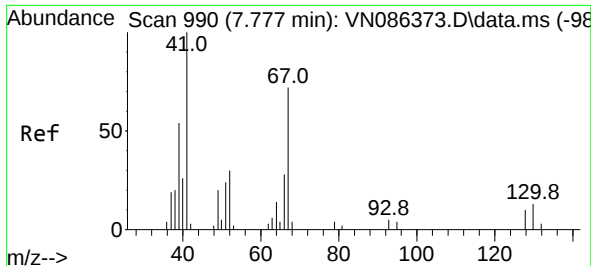
Tgt Ion:117 Resp: 59126
Ion Ratio Lower Upper
117 100
119 98.9 78.6 117.8
121 32.0 24.0 36.0



#34
Benzene
Concen: 19.776 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 78 Resp: 192237
Ion Ratio Lower Upper
78 100
77 23.8 20.8 31.2
51 16.7 14.0 21.0

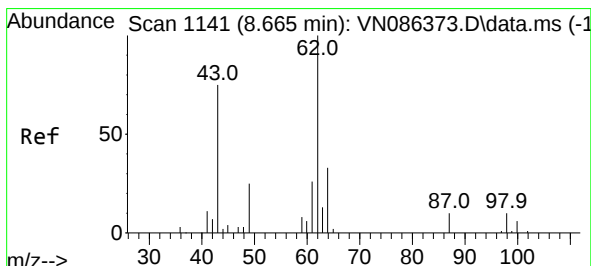
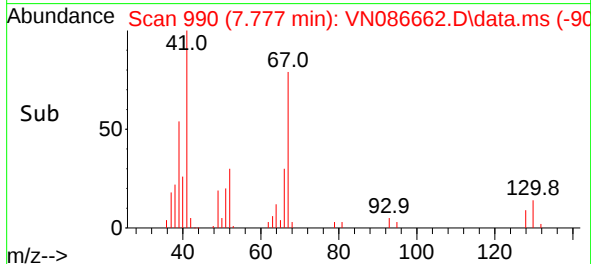
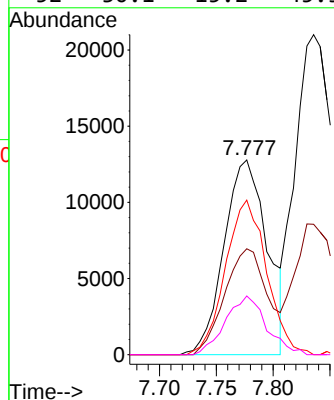
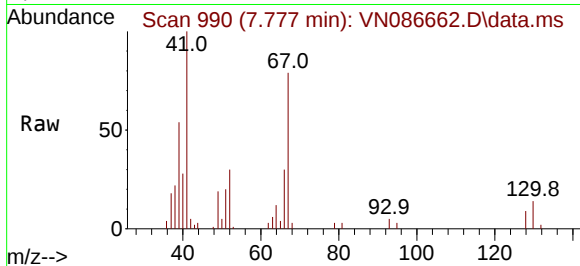




#35
Methacrylonitrile
Concen: 19.980 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

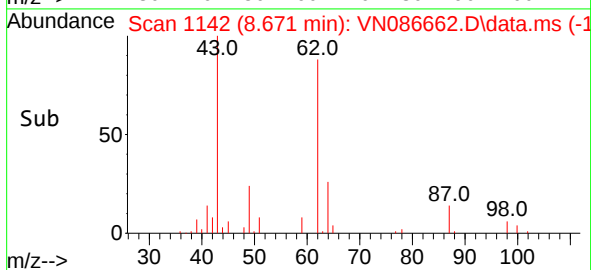
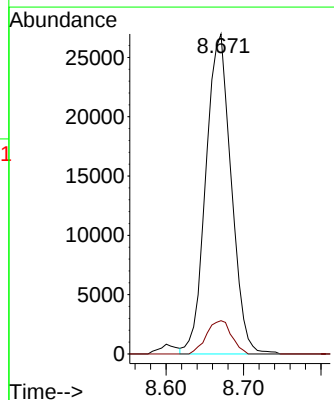
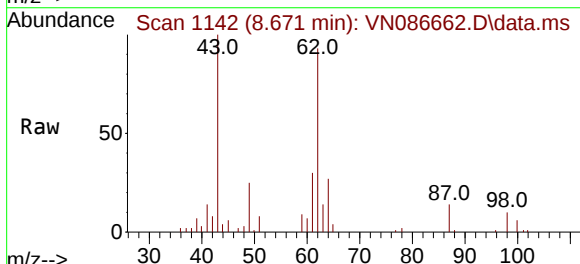
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

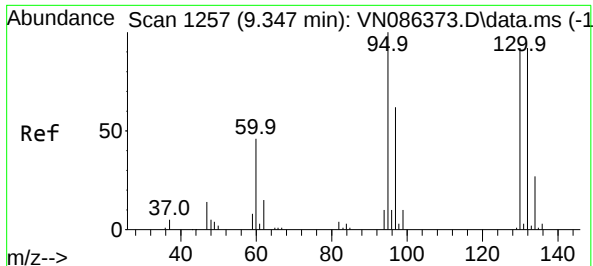
Tgt Ion: 41	Resp: 33809
Ion Ratio	Lower Upper
41 100	
39 54.4	27.0 80.8
67 79.3	35.8 107.3
52 30.1	15.2 45.5



#36
1,2-Dichloroethane
Concen: 19.417 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 62	Resp: 61281
Ion Ratio	Lower Upper
62 100	
98 10.3	7.6 11.4

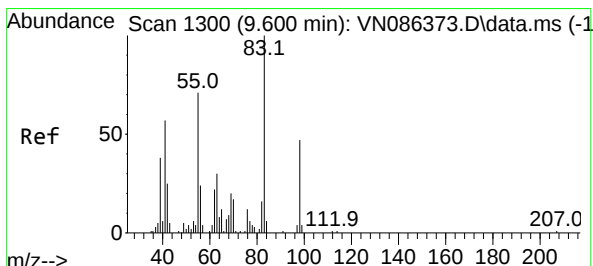
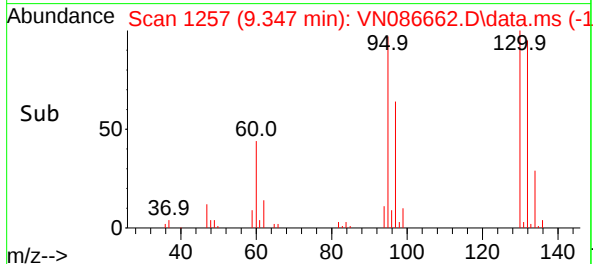
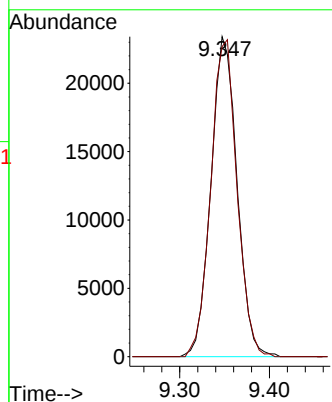
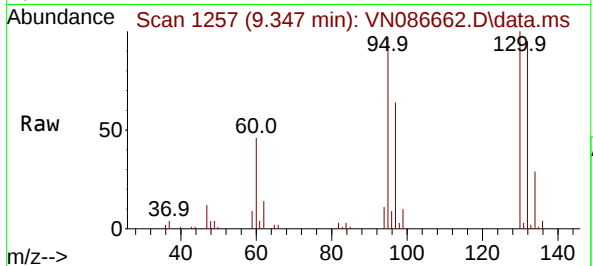




#37
Trichloroethene
Concen: 19.457 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

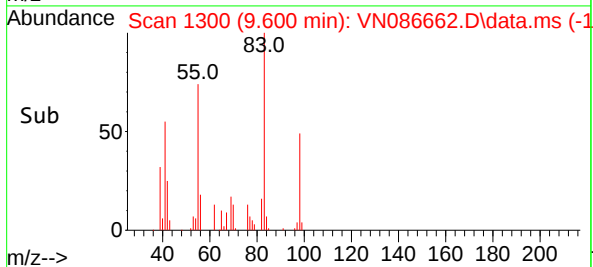
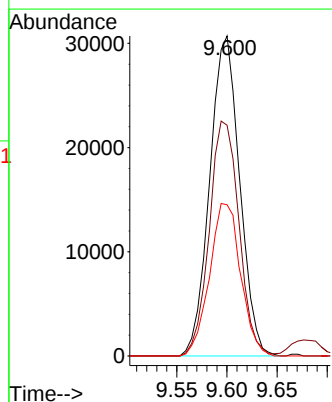
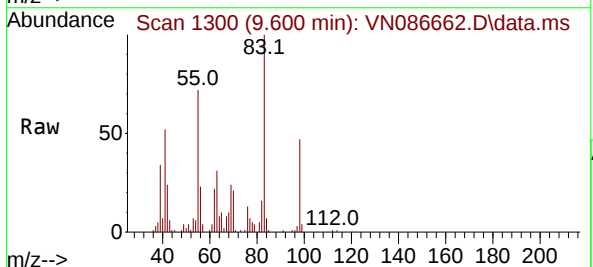
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

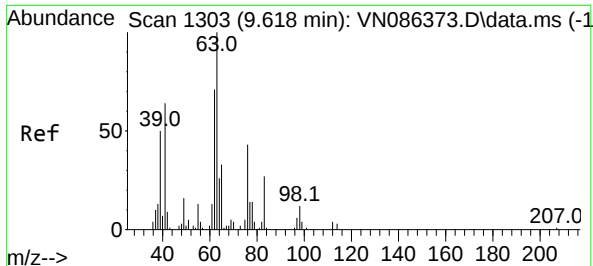
Tgt Ion:130 Resp: 47348
Ion Ratio Lower Upper
130 100
95 96.9 86.6 130.0



#38
Methylcyclohexane
Concen: 18.071 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 83 Resp: 63786
Ion Ratio Lower Upper
83 100
55 72.8 37.3 111.9
98 49.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.514 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

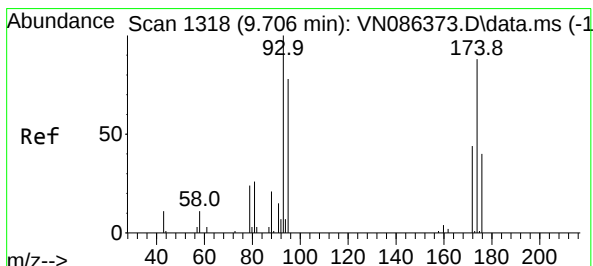
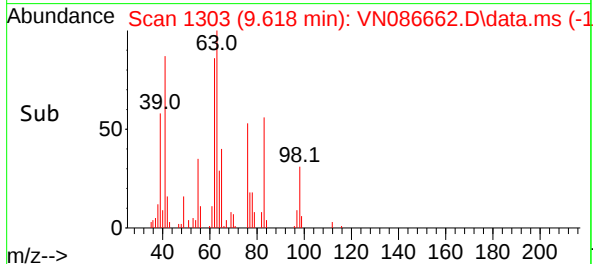
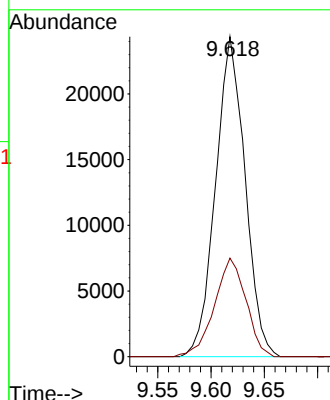
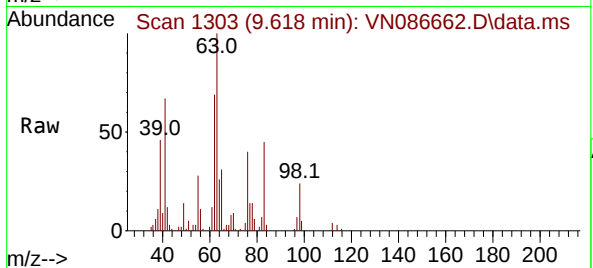
VN0516WBS01

Tgt Ion: 63 Resp: 46861

Ion Ratio Lower Upper

63 100

65 30.8 26.7 40.1



#40

Dibromomethane

Concen: 19.935 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

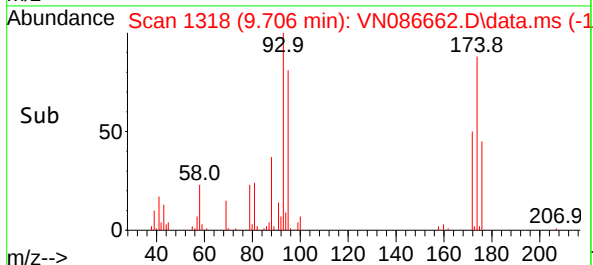
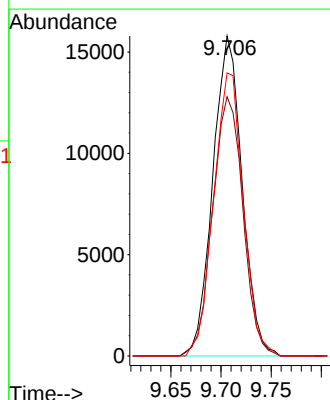
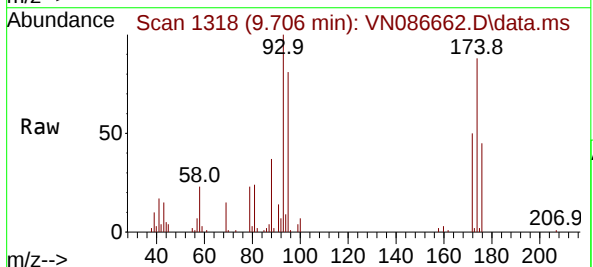
Tgt Ion: 93 Resp: 32015

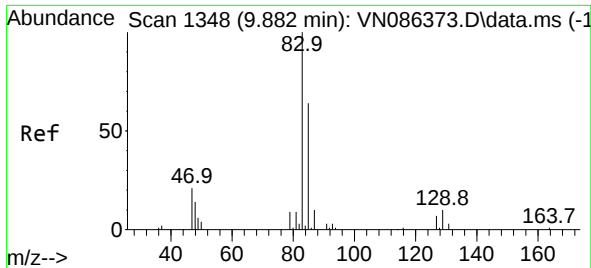
Ion Ratio Lower Upper

93 100

95 83.9 0.0 159.2

174 89.4 0.0 171.4

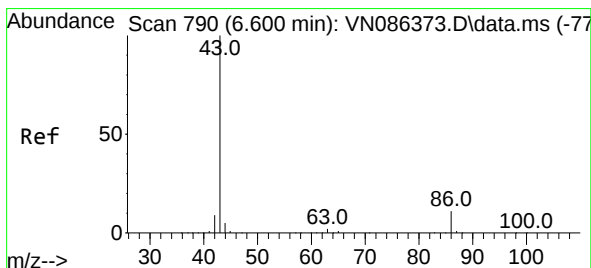
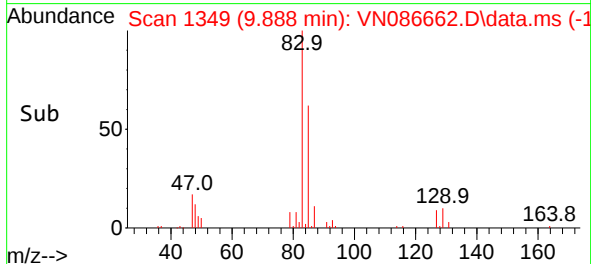
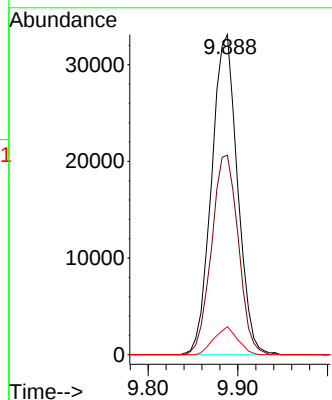
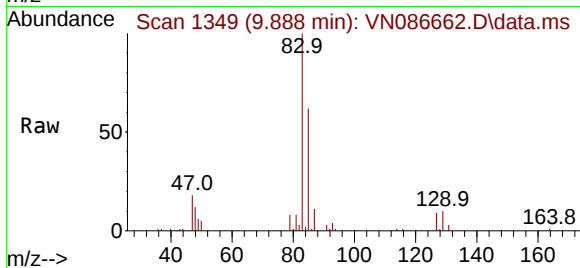




#41
Bromodichloromethane
Concen: 19.558 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

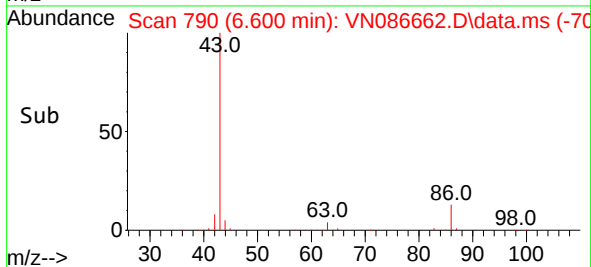
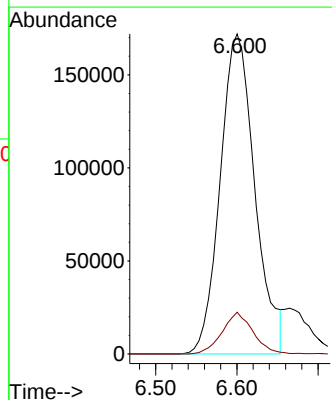
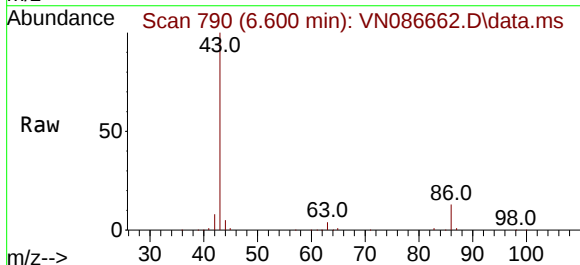
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

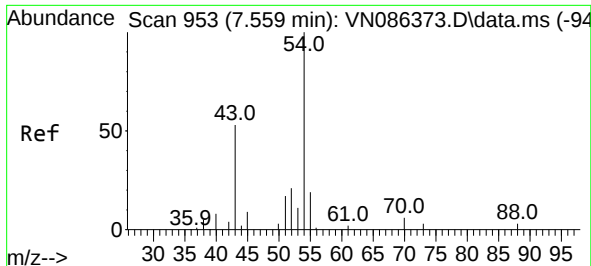
Tgt Ion: 83 Resp: 66468
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 8.8 5.9 8.9



#42
Vinyl Acetate
Concen: 99.330 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 43 Resp: 510422
Ion Ratio Lower Upper
43 100
86 11.5 8.9 13.3





#43

Ethyl Acetate

Concen: 20.118 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

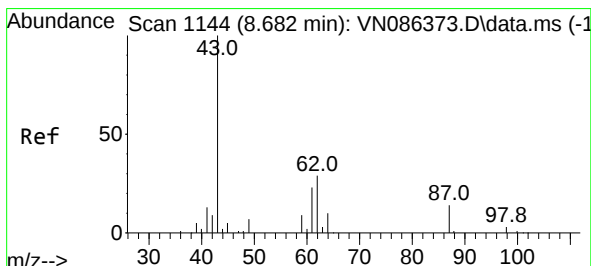
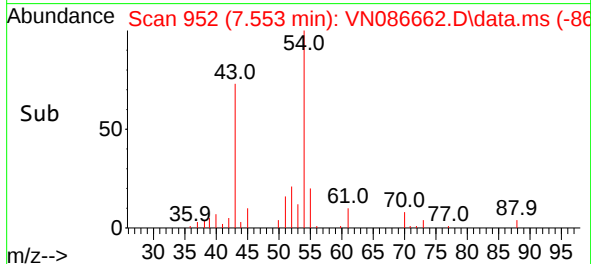
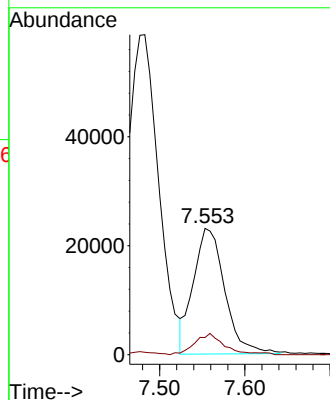
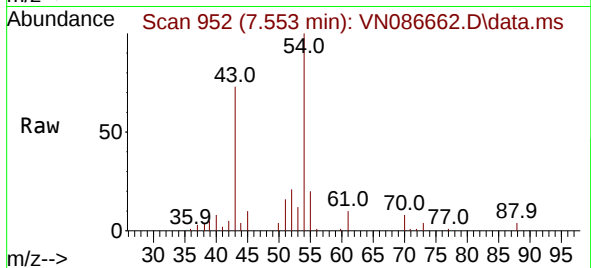
VN0516WBS01

Tgt Ion: 43 Resp: 59059

Ion Ratio Lower Upper

43 100

45 15.2 11.4 17.2



#44

Isopropyl Acetate

Concen: 20.036 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN086662.D

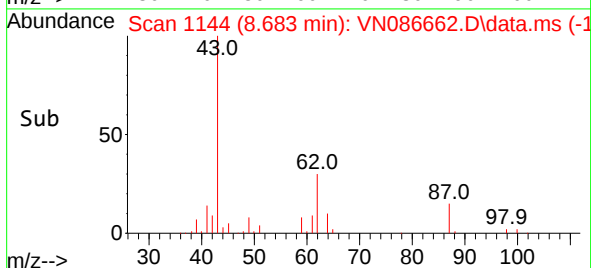
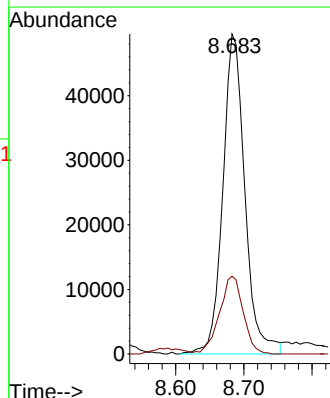
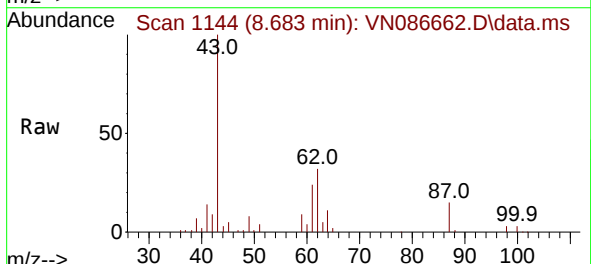
Acq: 16 May 2025 12:13

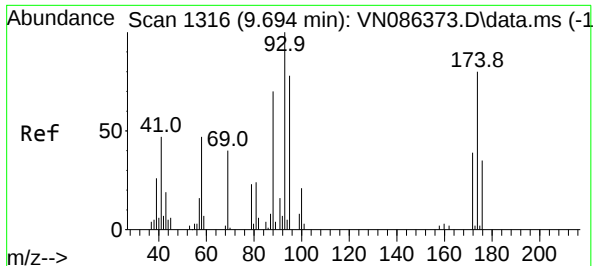
Tgt Ion: 43 Resp: 111631

Ion Ratio Lower Upper

43 100

61 25.9 21.0 31.4

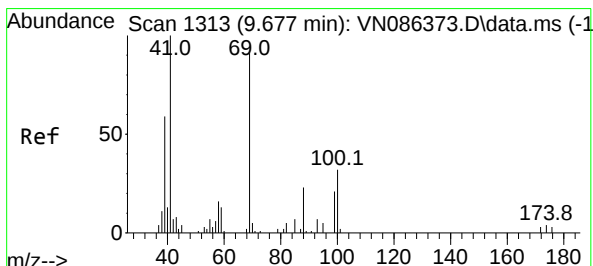
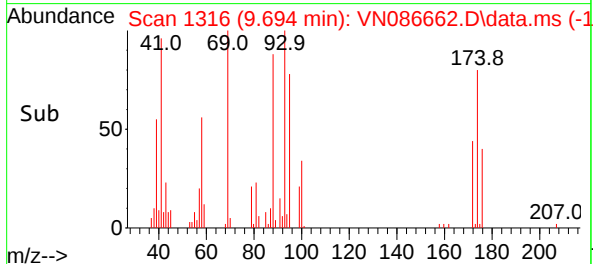
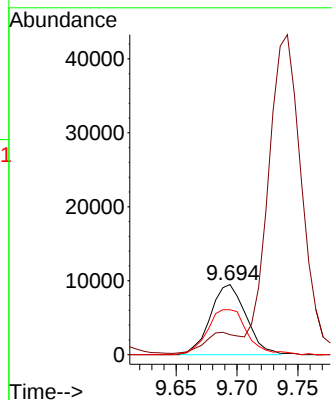
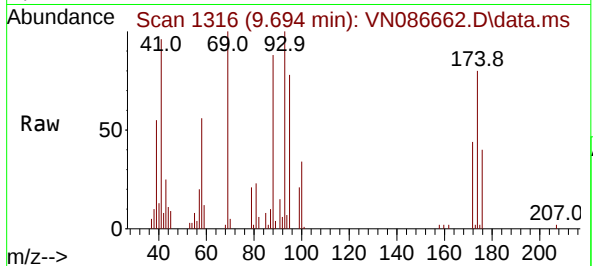




#45
1,4-Dioxane
Concen: 443.473 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

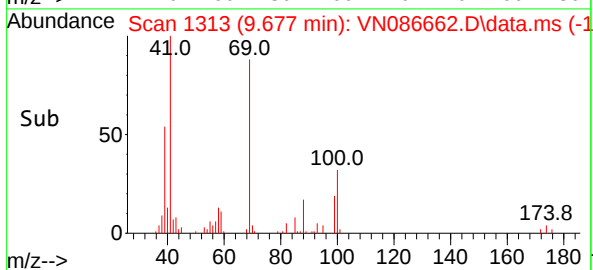
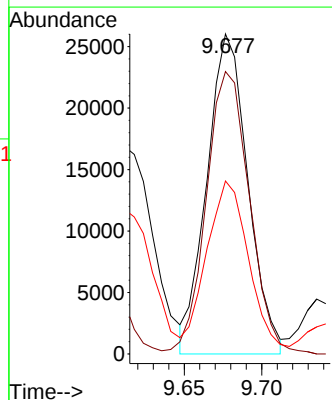
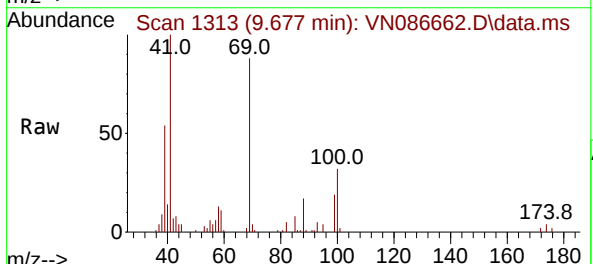
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

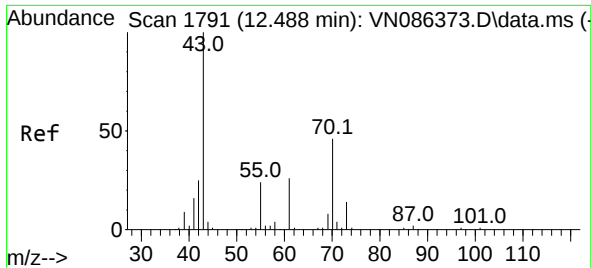
Tgt Ion: 88 Resp: 19278
Ion Ratio Lower Upper
88 100
43 30.8 24.9 37.3
58 69.7 57.8 86.8



#46
Methyl methacrylate
Concen: 18.633 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 41 Resp: 47887
Ion Ratio Lower Upper
41 100
69 89.0 44.1 132.3
39 53.5 30.0 90.1

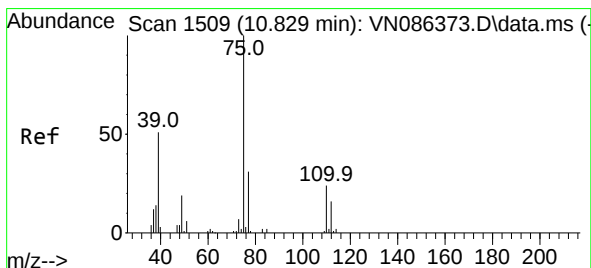
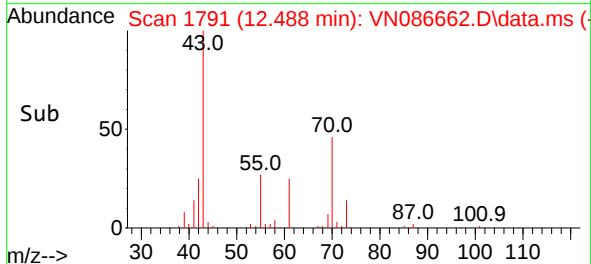
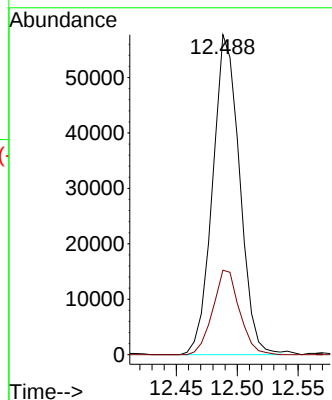
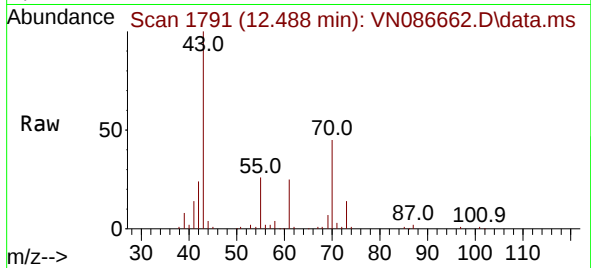




#47
n-amyl acetate
Concen: 18.760 ug/l
RT: 12.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

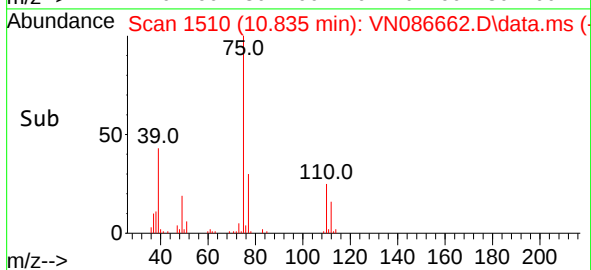
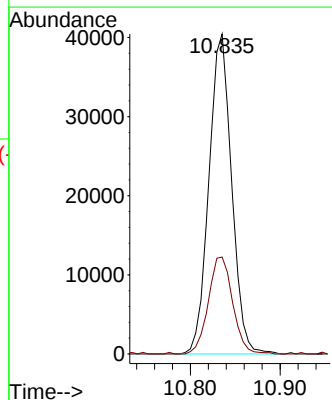
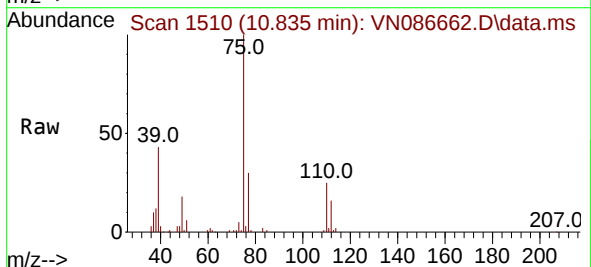
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

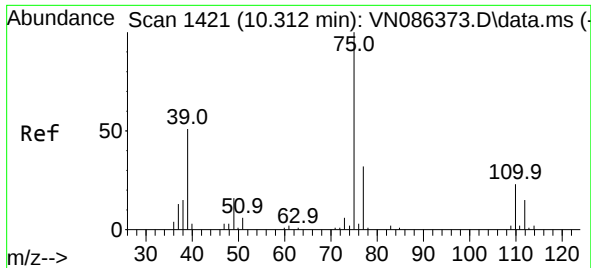
Tgt Ion: 43 Resp: 89086
Ion Ratio Lower Upper
43 100
55 26.1 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 18.704 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 75 Resp: 71065
Ion Ratio Lower Upper
75 100
77 30.3 24.4 36.6

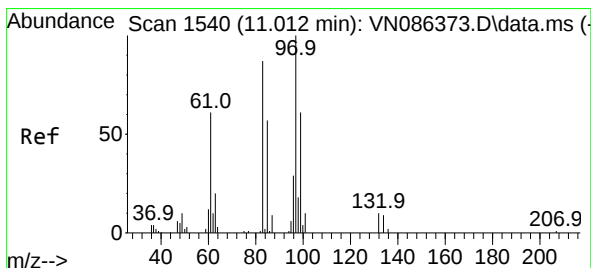
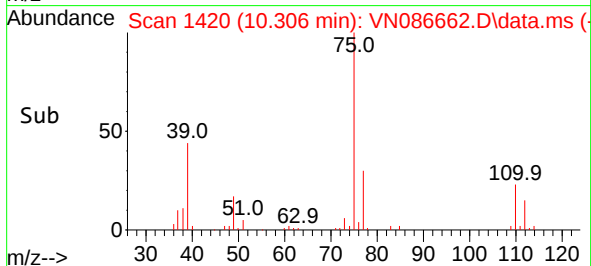
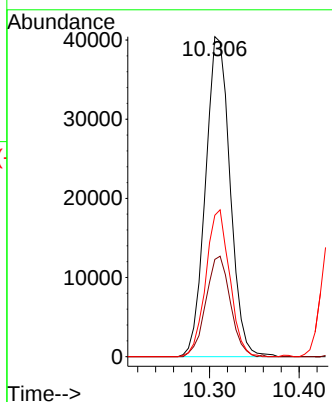
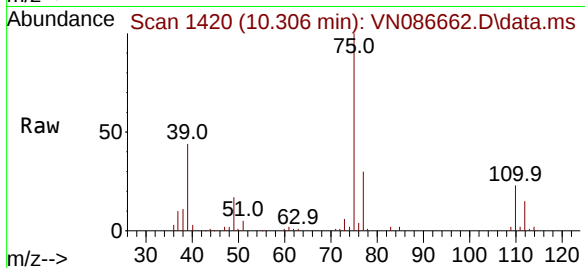




#49
 cis-1,3-Dichloropropene
 Concen: 19.190 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

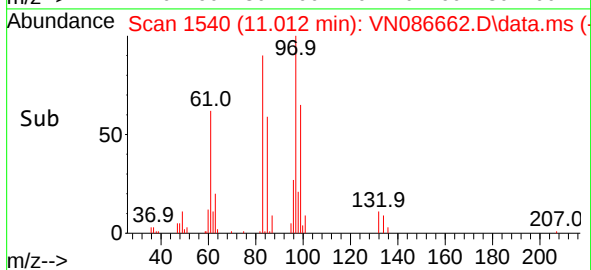
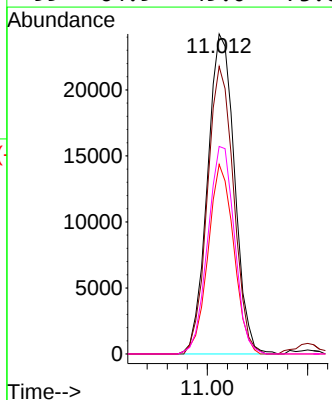
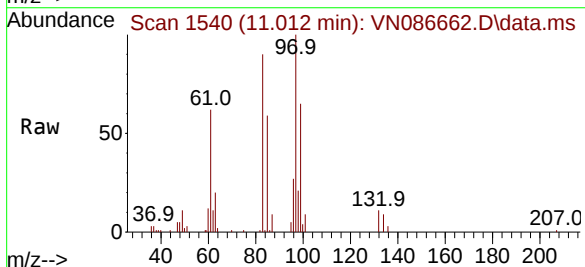
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

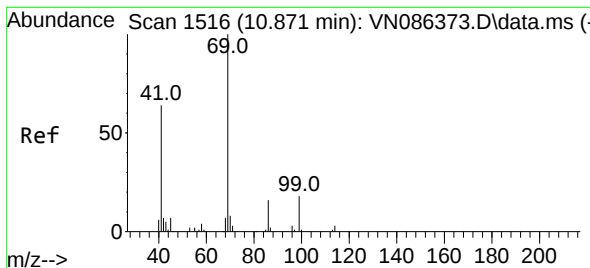
Tgt Ion:	75	Resp:	76890
Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.6	38.4
39	44.2	40.6	60.8



#50
 1,1,2-Trichloroethane
 Concen: 20.214 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

Tgt Ion:	97	Resp:	45343
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.3	103.9
85	59.3	45.5	68.3
99	64.9	49.0	73.6

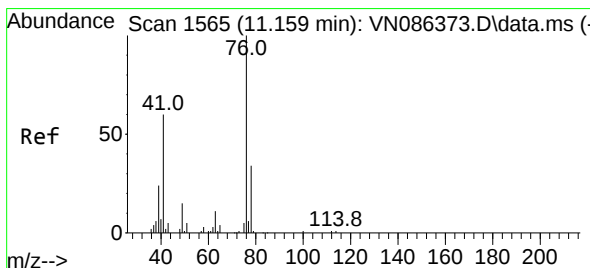
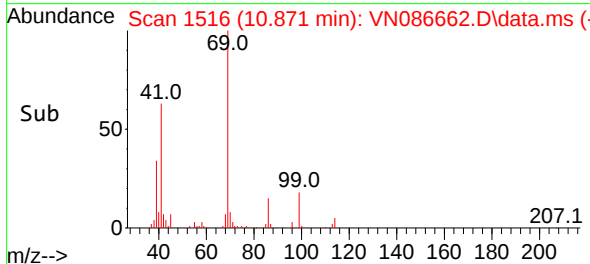
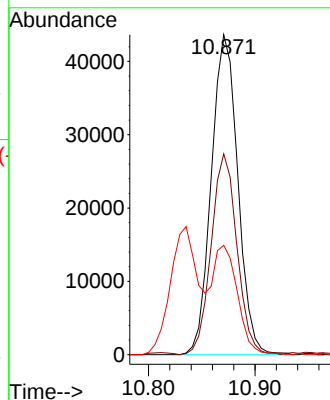
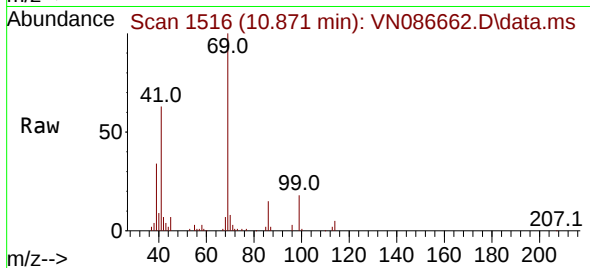




#51
Ethyl methacrylate
Concen: 19.273 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

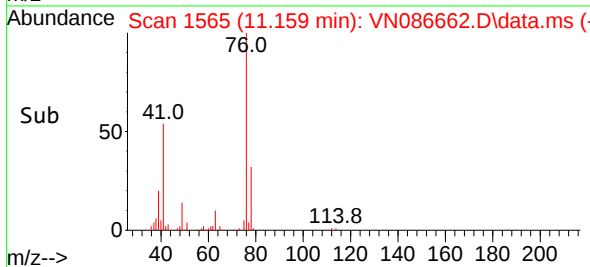
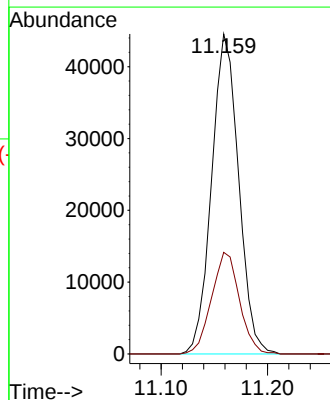
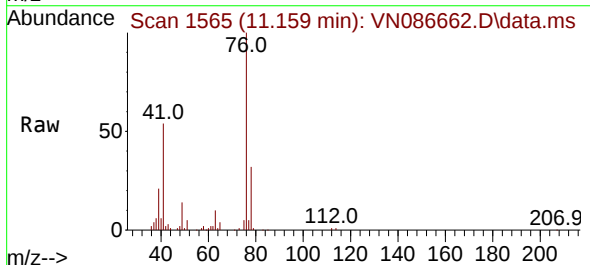
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

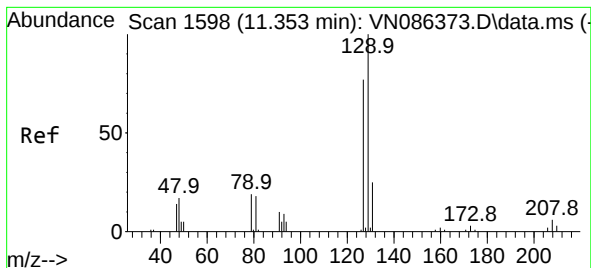
Tgt Ion: 69 Resp: 75294
Ion Ratio Lower Upper
69 100
41 62.8 32.3 96.8
39 33.8 19.1 57.1



#52
1,3-Dichloropropane
Concen: 19.774 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 76 Resp: 78396
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.6

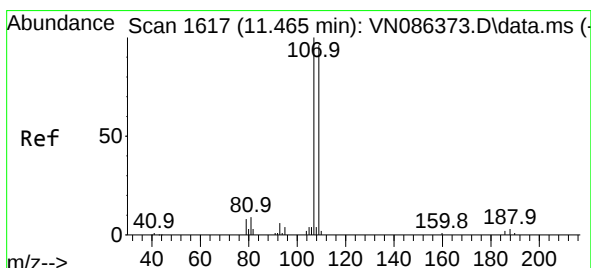
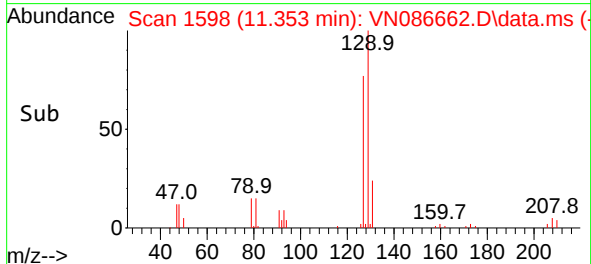
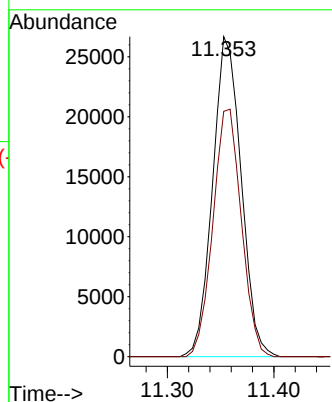
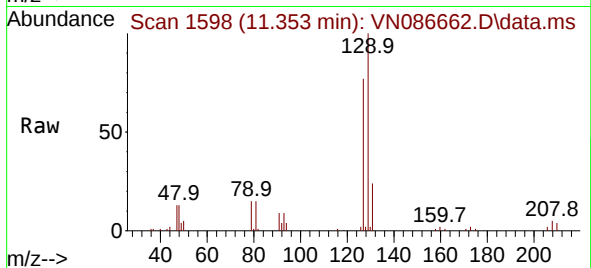




#53
Dibromochloromethane
Concen: 19.713 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

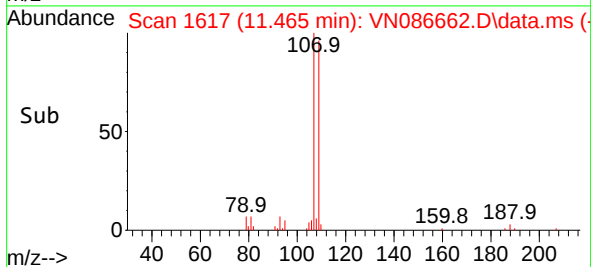
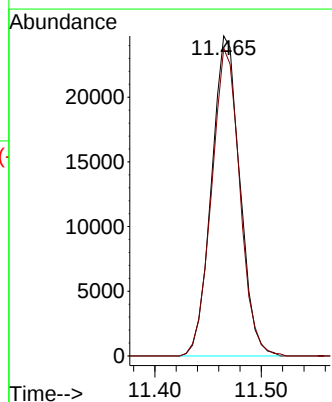
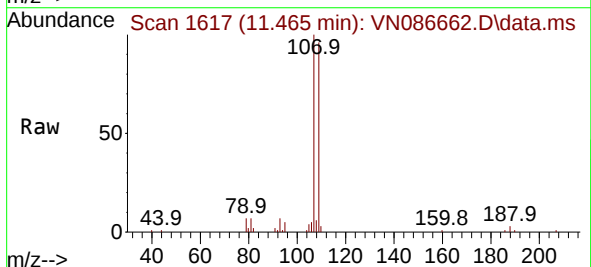
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

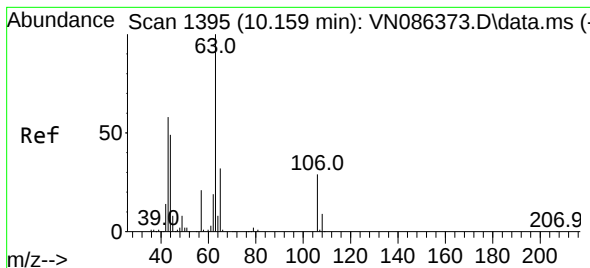
Tgt Ion:129 Resp: 49653
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3



#54
1,2-Dibromoethane
Concen: 19.963 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion:107 Resp: 45530
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.0

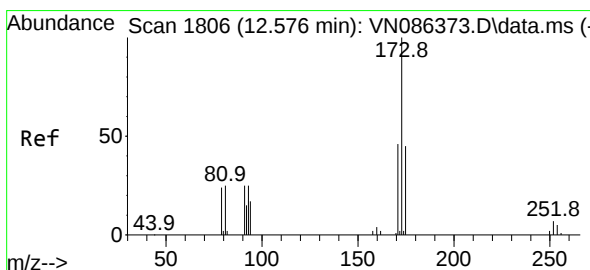
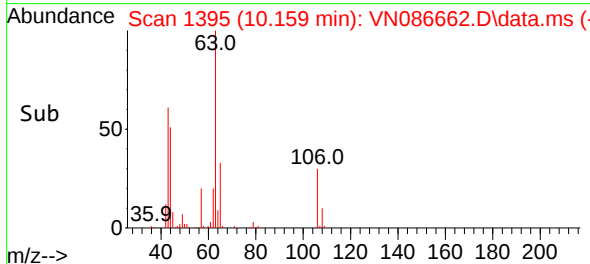
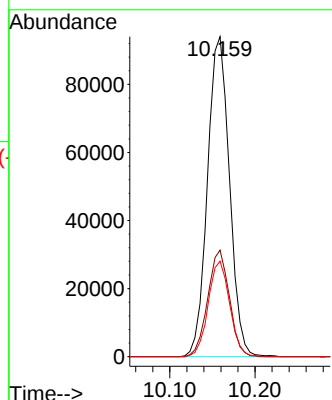
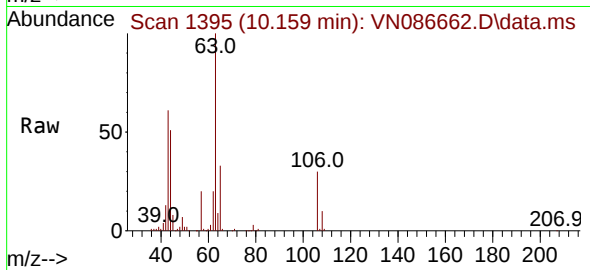




#55
2-Chloroethyl vinyl ether
Concen: 91.816 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

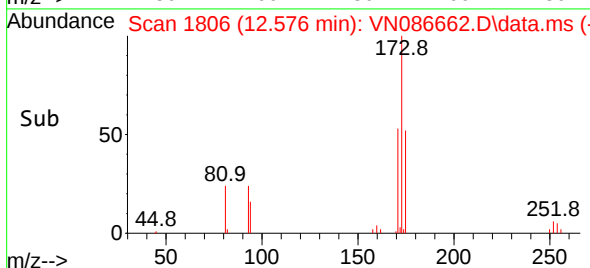
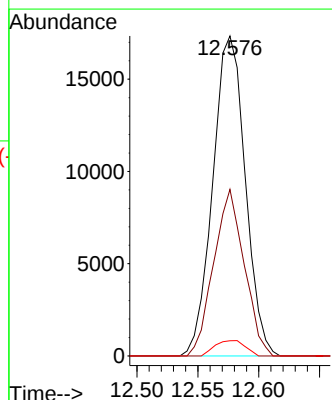
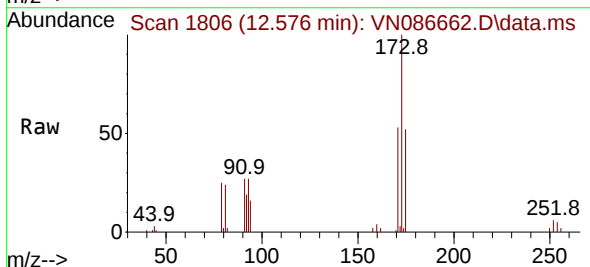
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

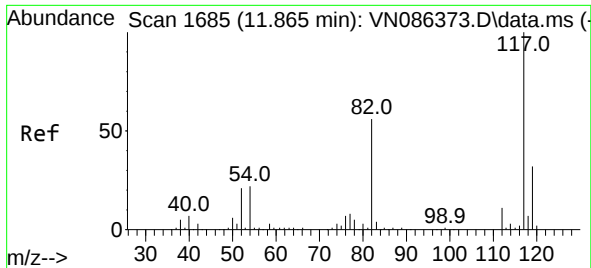
Tgt Ion: 63 Resp: 168644
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 29.1 22.3 33.5



#56
Bromoform
Concen: 19.685 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 173 Resp: 32175
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 4.5 3.8 5.6

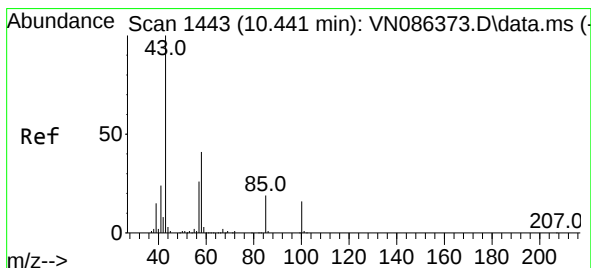
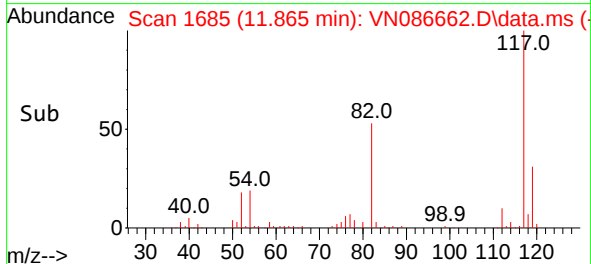
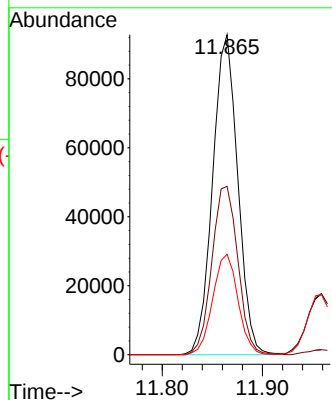
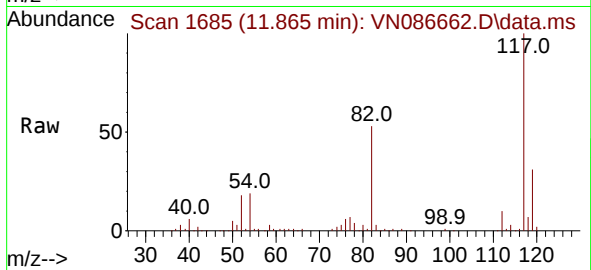




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

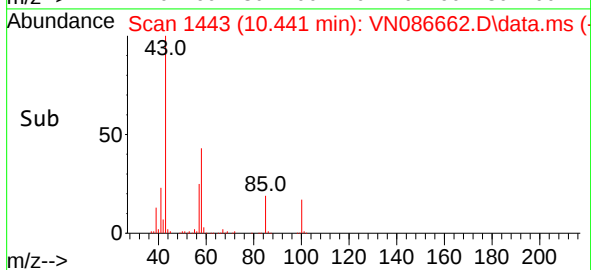
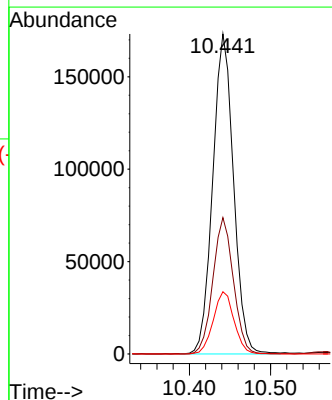
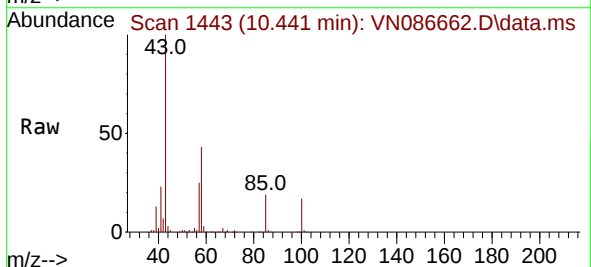
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

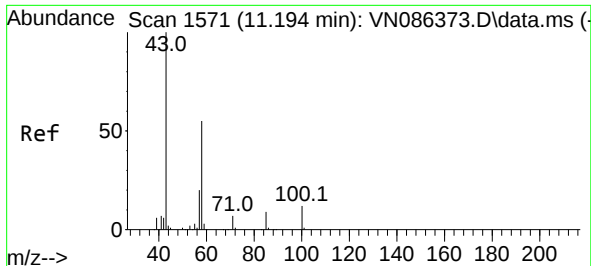
Tgt Ion:117 Resp: 161573
Ion Ratio Lower Upper
117 100
82 54.4 45.5 68.3
119 31.5 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 98.635 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 43 Resp: 308400
Ion Ratio Lower Upper
43 100
58 42.0 33.0 49.6
85 19.4 14.9 22.3

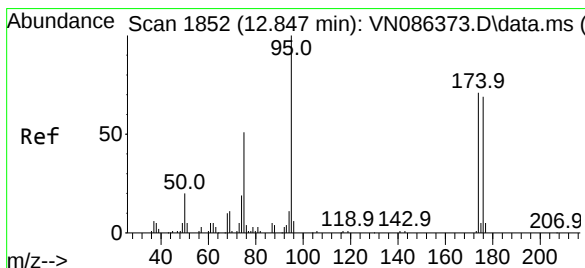
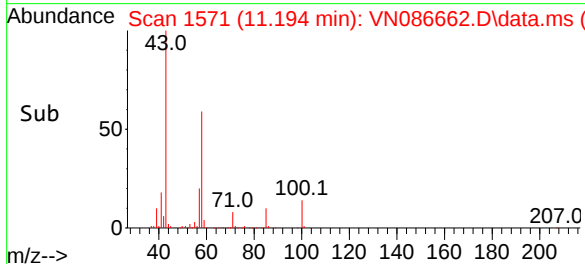
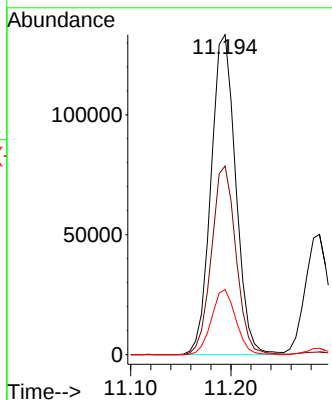
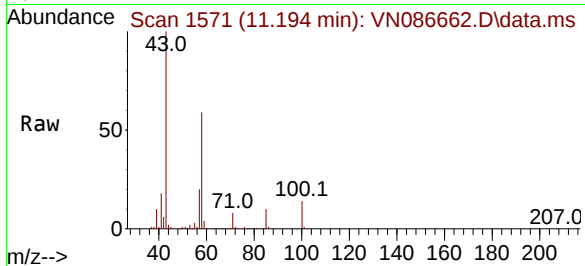




#59
2-Hexanone
Concen: 99.211 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

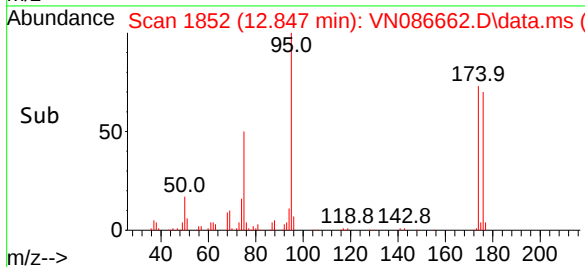
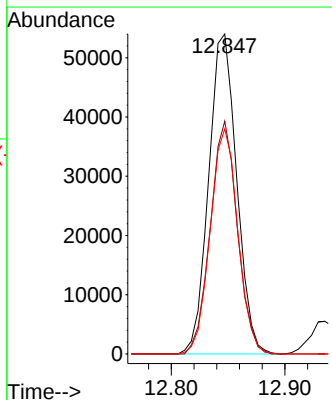
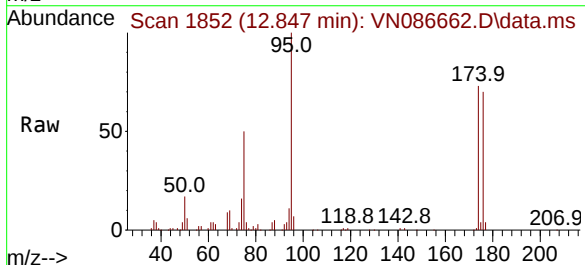
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

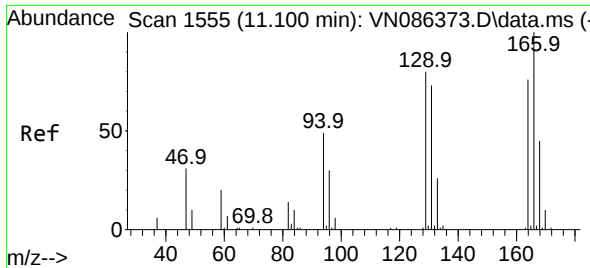
Tgt Ion: 43 Resp: 228594
Ion Ratio Lower Upper
43 100
58 58.5 45.0 67.6
57 20.1 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 95 Resp: 92594
Ion Ratio Lower Upper
95 100
174 70.2 56.6 84.8
176 69.1 53.3 79.9

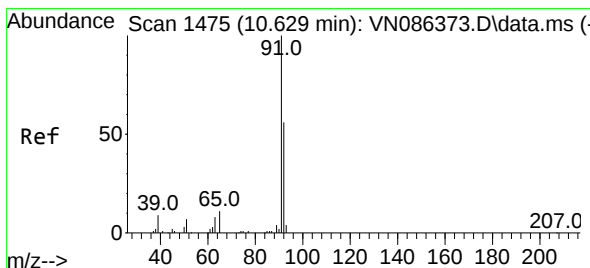
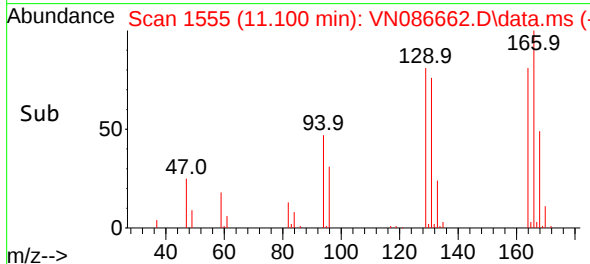
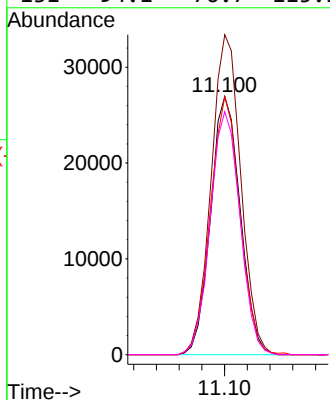
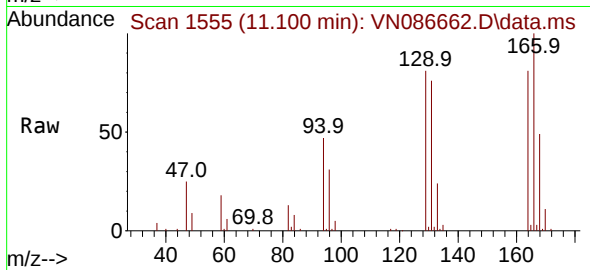




#61
Tetrachloroethene
Concen: 19.780 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

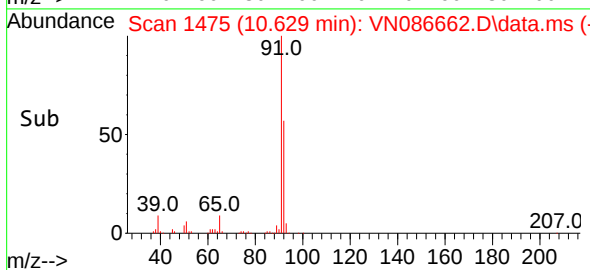
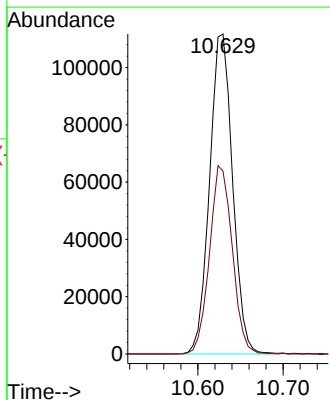
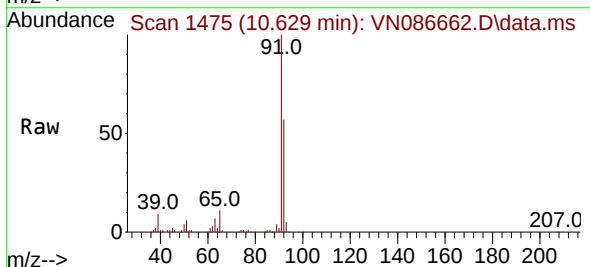
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

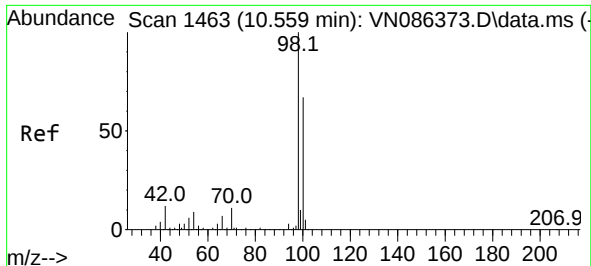
Tgt Ion:164 Resp: 48744
Ion Ratio Lower Upper
164 100
166 123.9 105.0 157.4
129 99.9 83.9 125.9
131 94.1 76.7 115.1



#62
Toluene
Concen: 19.384 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 91 Resp: 209642
Ion Ratio Lower Upper
91 100
92 58.2 45.7 68.5

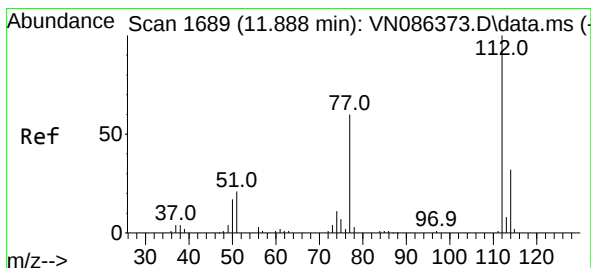
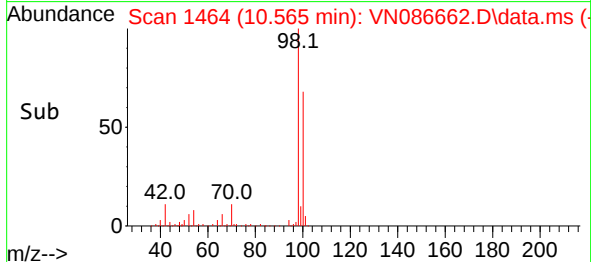
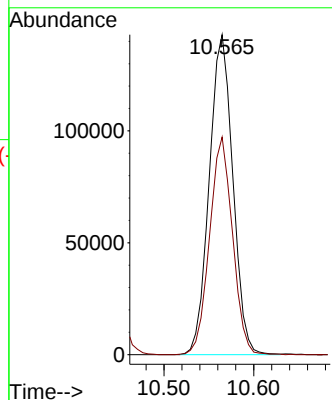
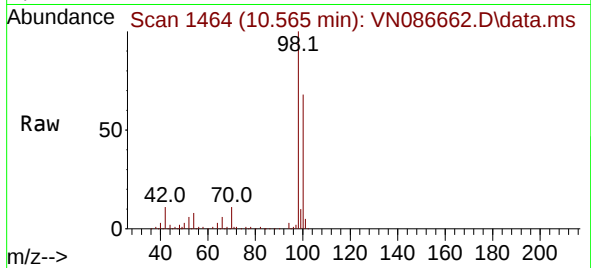




#63
Toluene-d8
Concen: 29.344 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

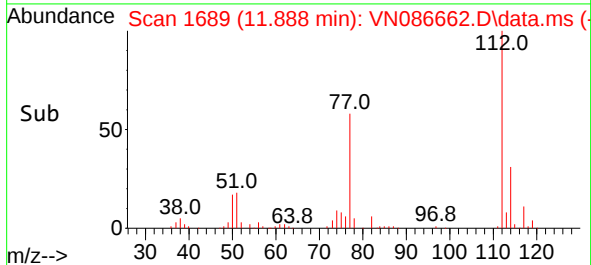
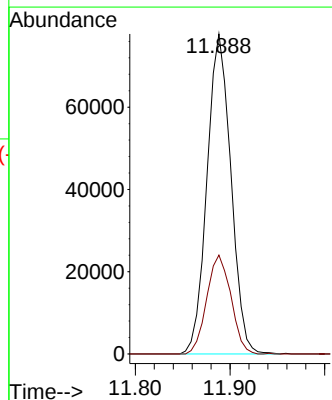
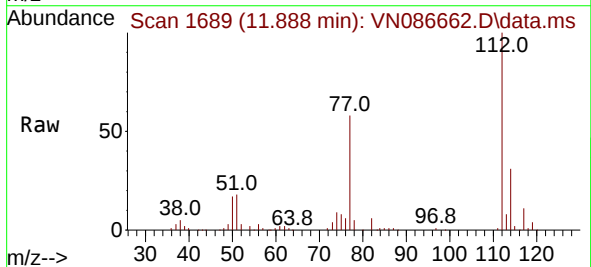
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

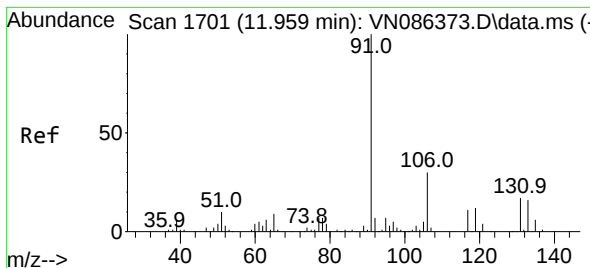
Tgt Ion: 98 Resp: 260836
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#64
Chlorobenzene
Concen: 20.217 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 112 Resp: 136239
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4

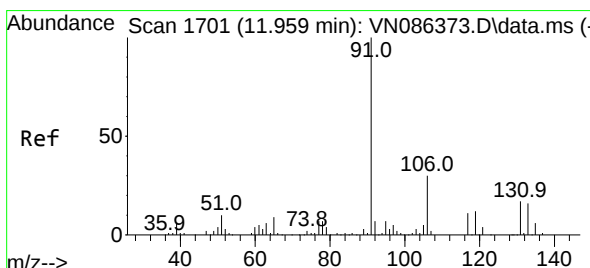
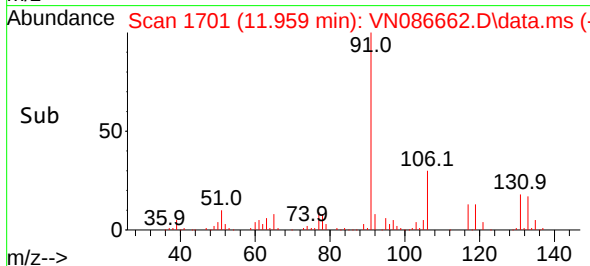
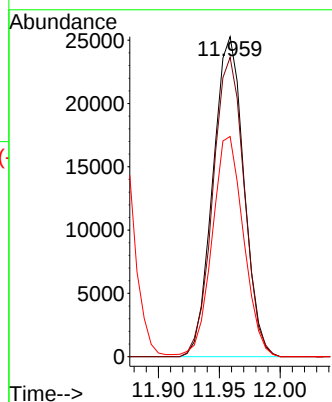
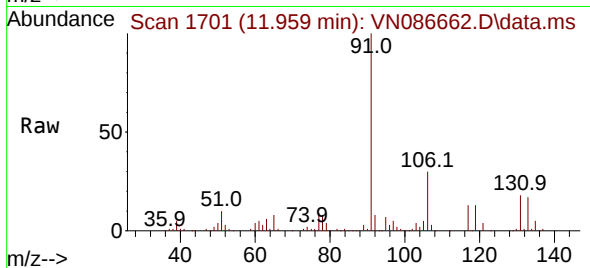




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.860 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

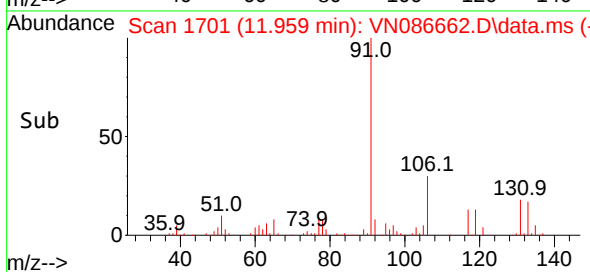
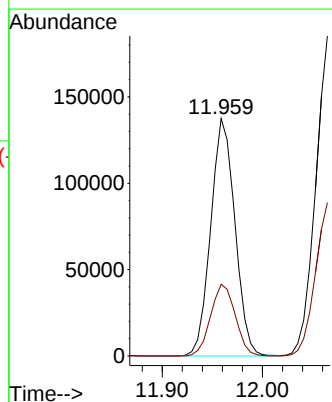
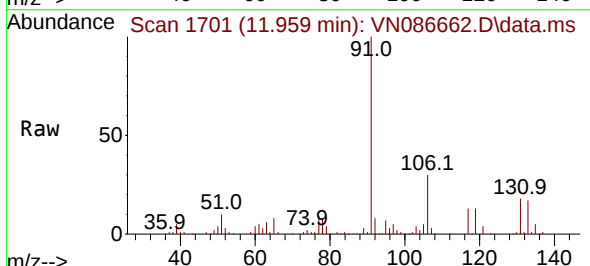
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

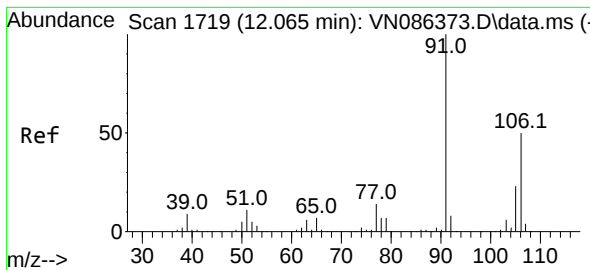
Tgt Ion:131 Resp: 44749
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 191.4
 119 69.6 0.0 133.6



#66
 Ethyl Benzene
 Concen: 18.950 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

Tgt Ion: 91 Resp: 230693
 Ion Ratio Lower Upper
 91 100
 106 30.2 24.3 36.5

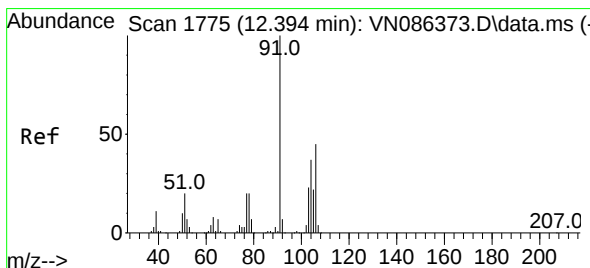
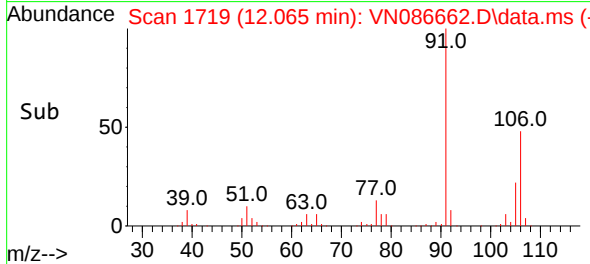
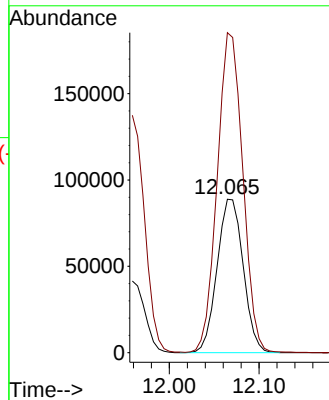
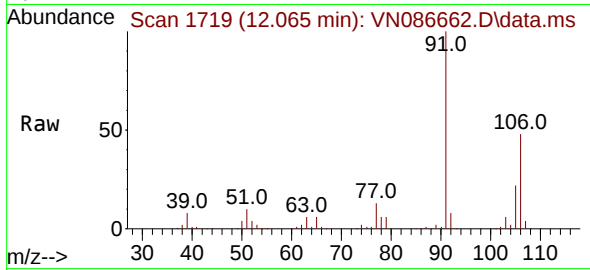




#67
m/p-Xylenes
Concen: 38.864 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

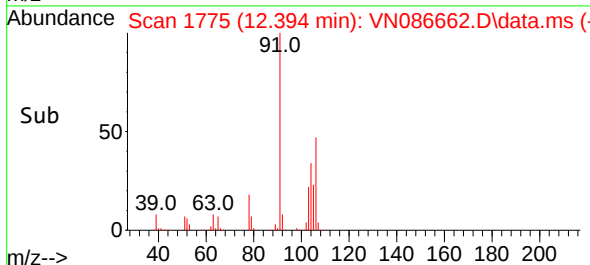
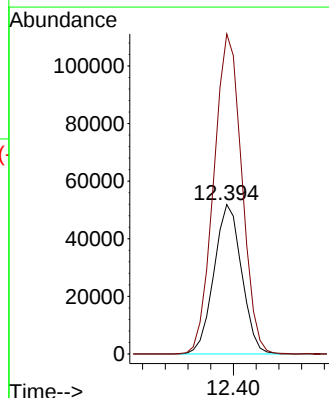
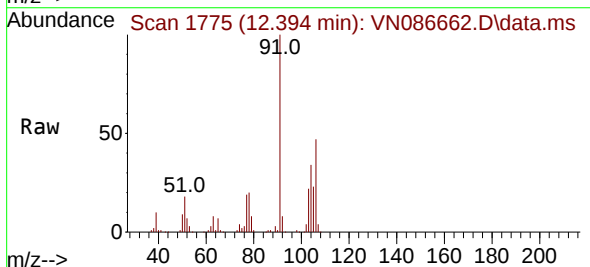
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

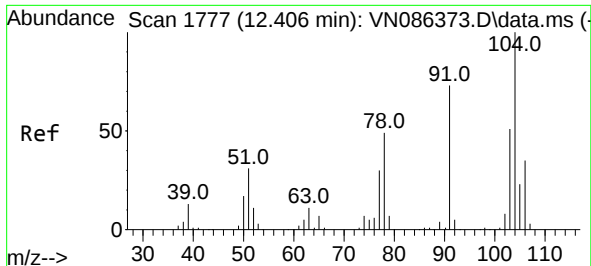
Tgt Ion:106 Resp: 179510
Ion Ratio Lower Upper
106 100
91 204.0 162.6 243.8



#68
o-Xylene
Concen: 19.423 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion:106 Resp: 87840
Ion Ratio Lower Upper
106 100
91 217.2 110.6 331.6

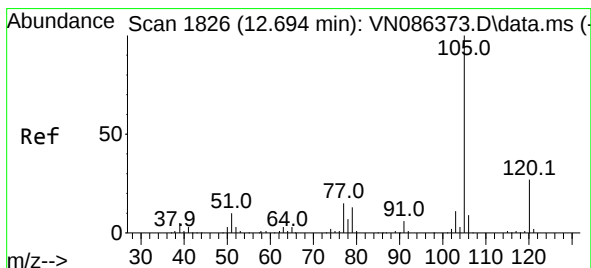
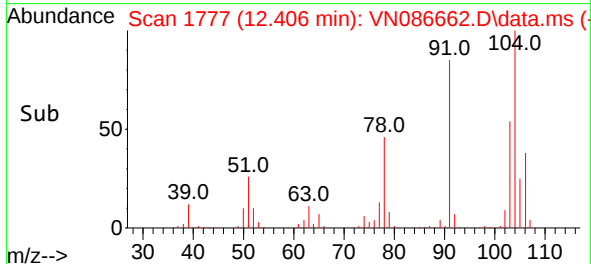
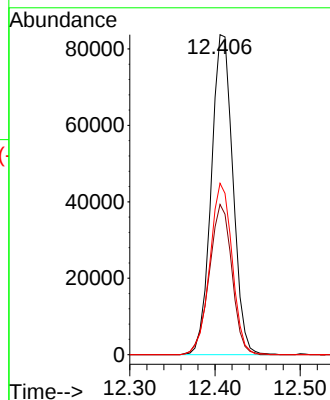
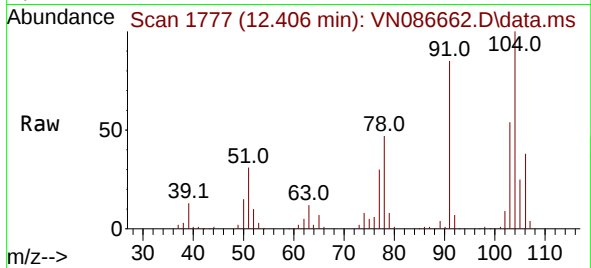




#69
Styrene
Concen: 19.340 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

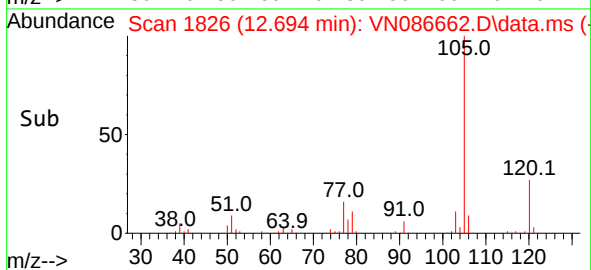
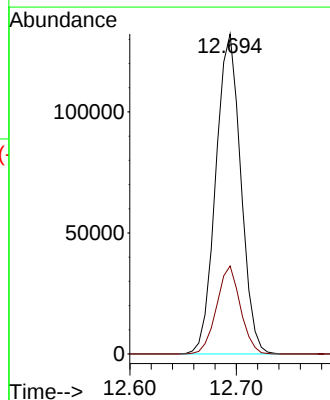
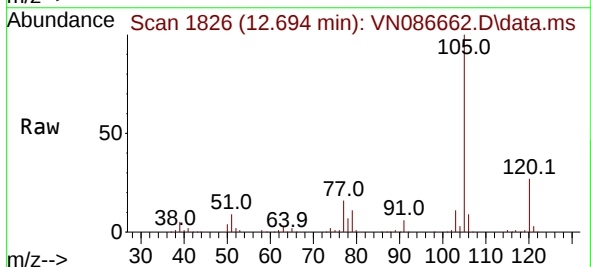
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

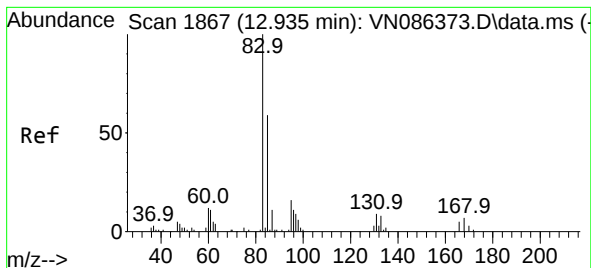
Tgt Ion:104 Resp: 148251
Ion Ratio Lower Upper
104 100
78 48.9 40.2 60.4
103 55.0 43.8 65.8



#70
Isopropylbenzene
Concen: 19.083 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion:105 Resp: 215439
Ion Ratio Lower Upper
105 100
120 26.1 18.2 33.8

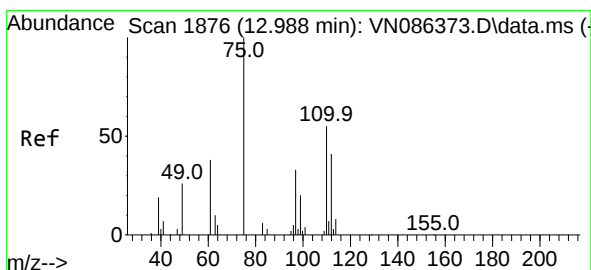
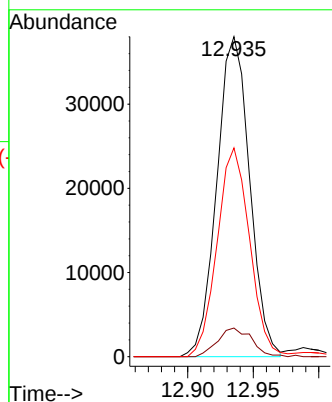
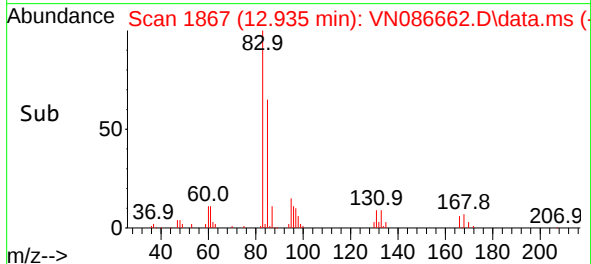
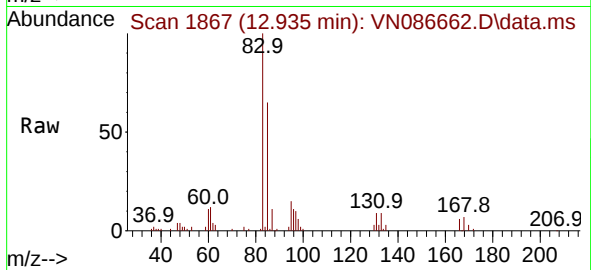




#71
1,1,2,2-Tetrachloroethane
Concen: 22.240 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

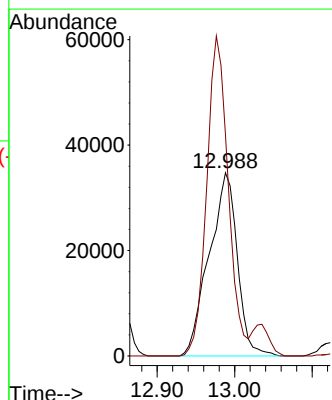
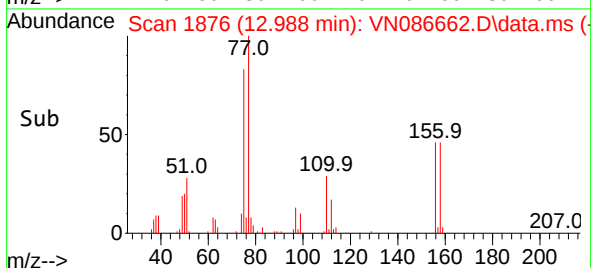
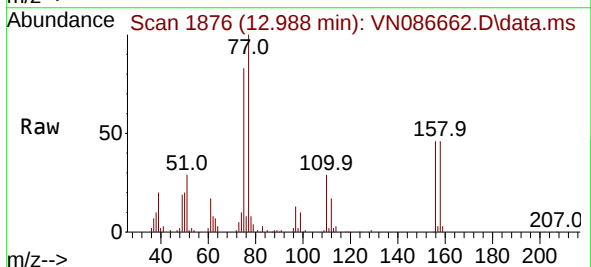
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

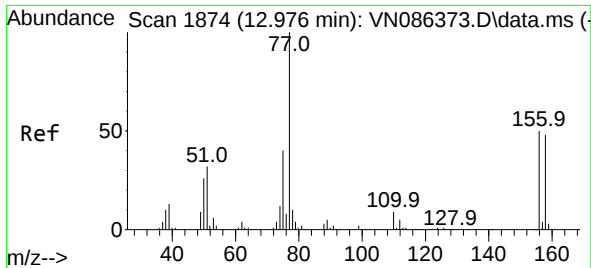
Tgt Ion: 83 Resp: 66109
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 64.6 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 33.841 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 75 Resp: 87703
Ion Ratio Lower Upper
75 100
77 133.6 0.0 464.4

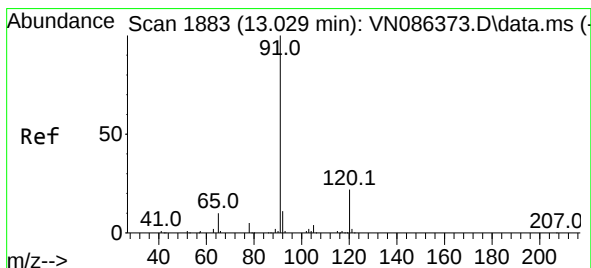
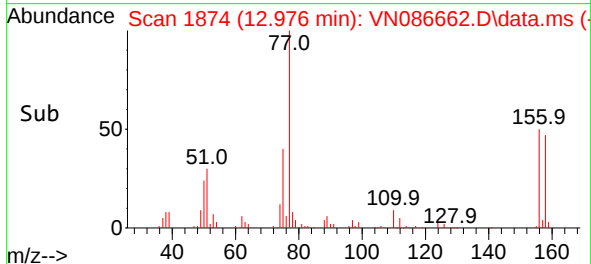
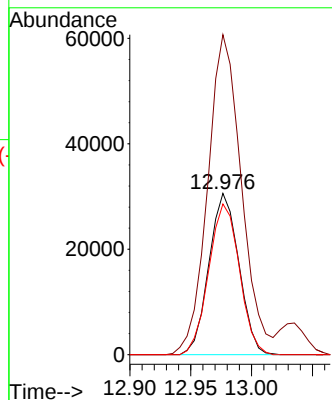
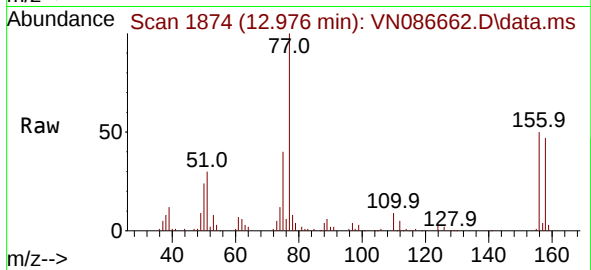




#73
Bromobenzene
Concen: 20.162 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

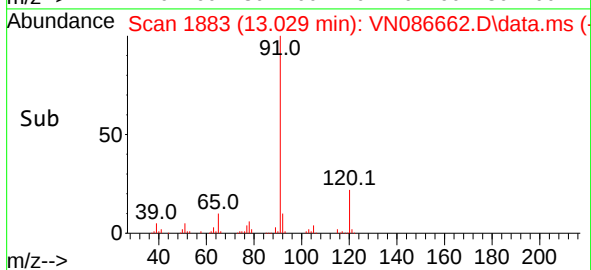
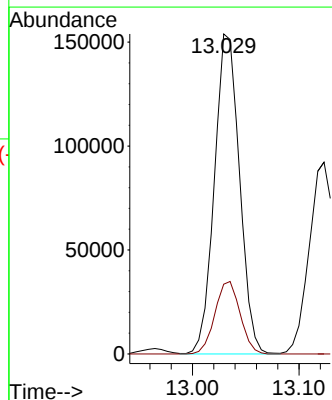
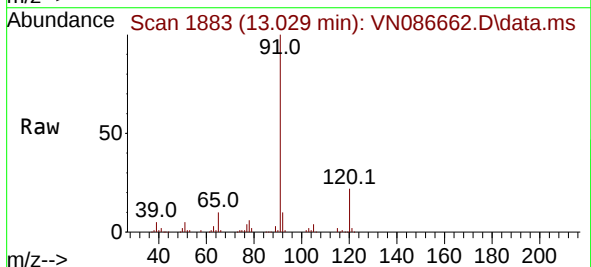
Instrument :
MSVOA_N
ClientSampleId :
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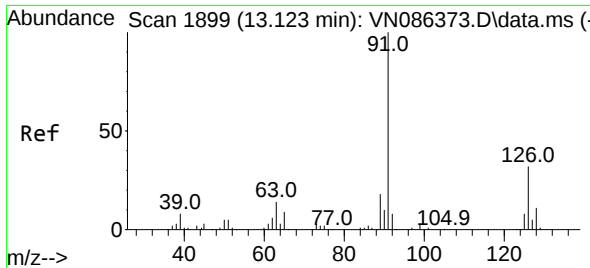
Tgt Ion:156 Resp: 52329
Ion Ratio Lower Upper
156 100
77 223.9 0.0 463.4
158 95.8 0.0 191.8



#74
n-propylbenzene
Concen: 18.795 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 91 Resp: 252145
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.8

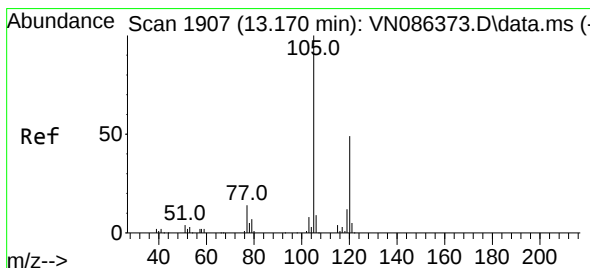
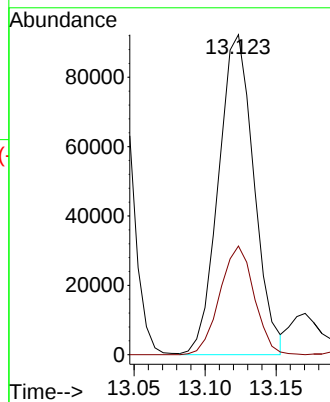
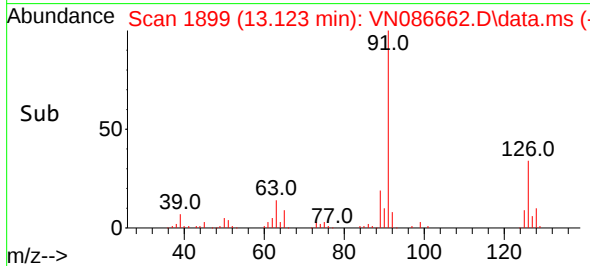
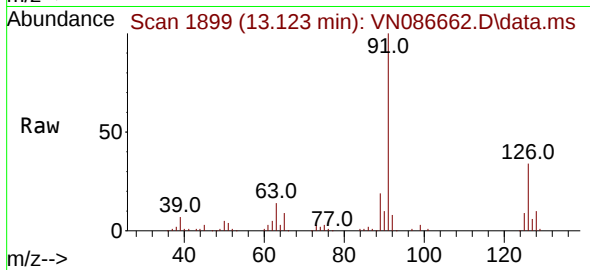




#75
2-Chlorotoluene
Concen: 19.163 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

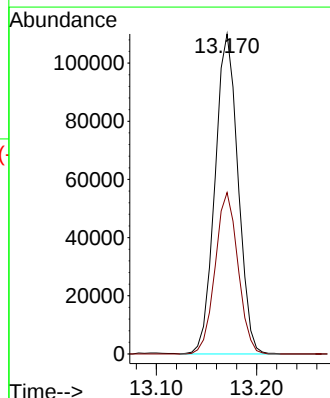
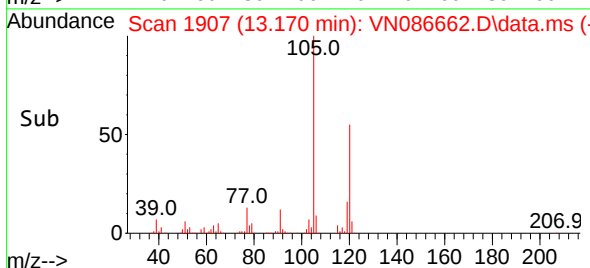
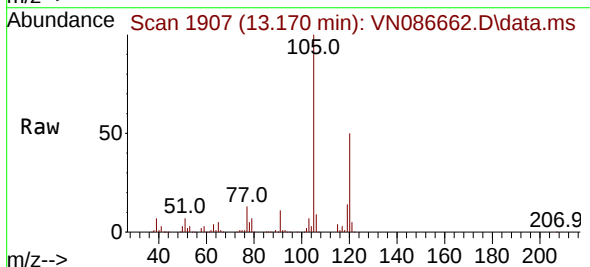
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

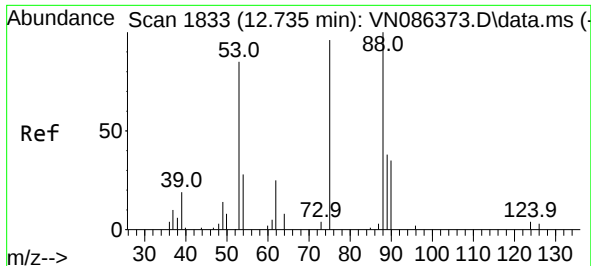
Tgt Ion: 91 Resp: 160479
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 18.936 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion:105 Resp: 175405
Ion Ratio Lower Upper
105 100
120 49.9 0.0 97.6

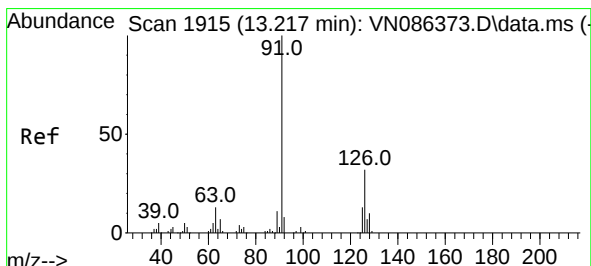
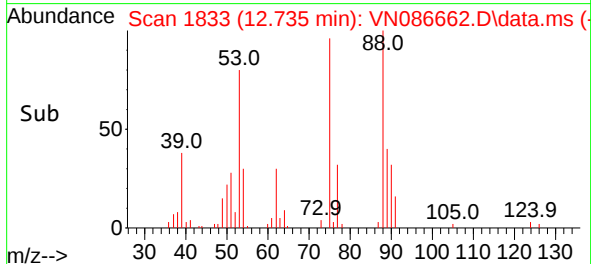
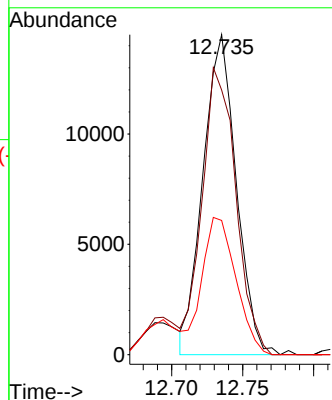
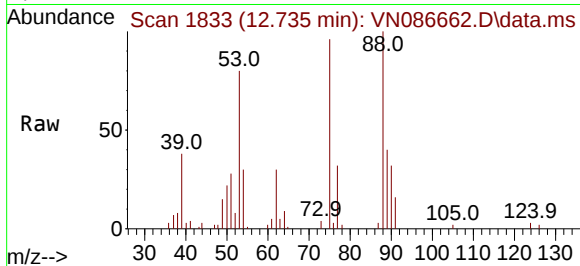




#77
t-1,4-Dichloro-2-butene
Concen: 17.933 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

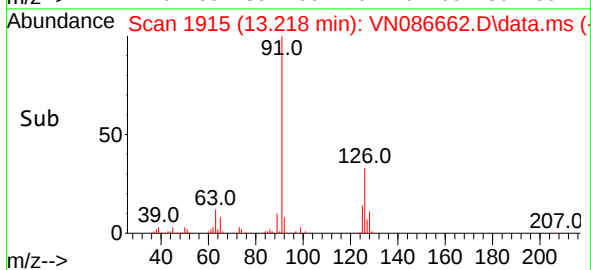
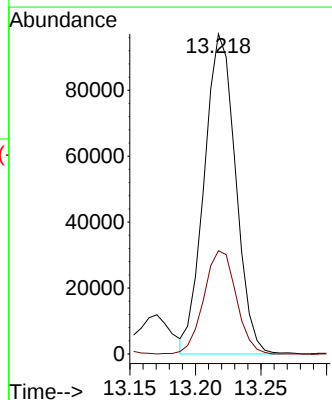
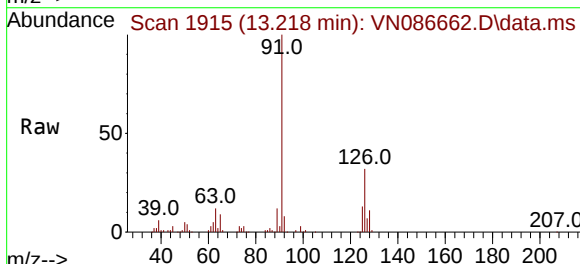
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

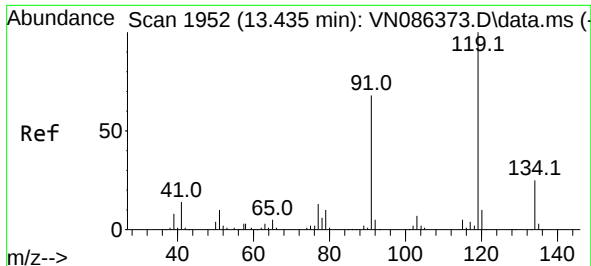
Tgt Ion: 75 Resp: 23586
Ion Ratio Lower Upper
75 100
53 82.7 46.0 138.0
89 41.9 21.6 64.6



#78
4-Chlorotoluene
Concen: 19.337 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 91 Resp: 161917
Ion Ratio Lower Upper
91 100
126 33.2 0.0 65.4

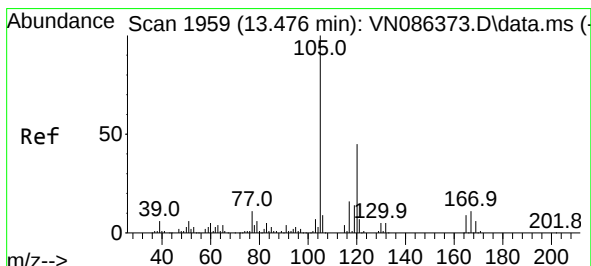
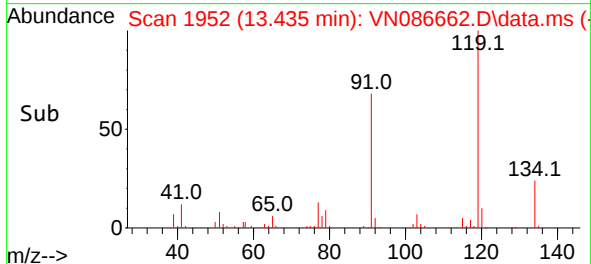
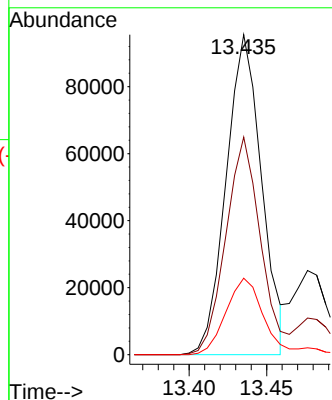
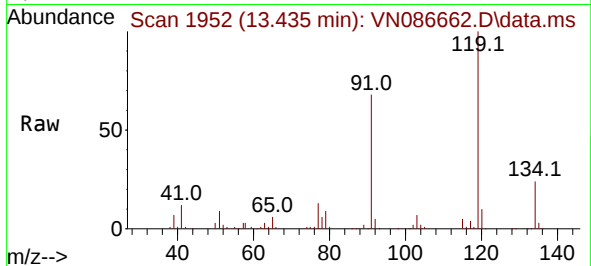




#79
tert-butylbenzene
Concen: 19.161 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

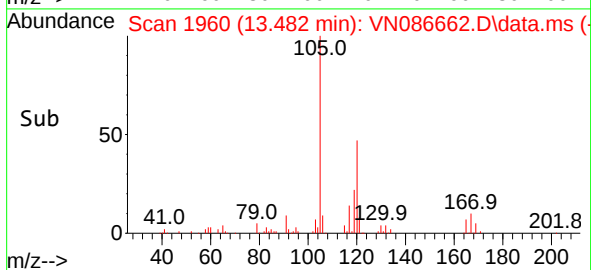
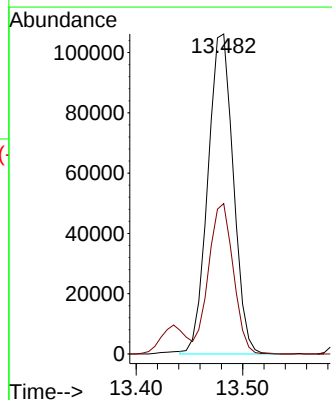
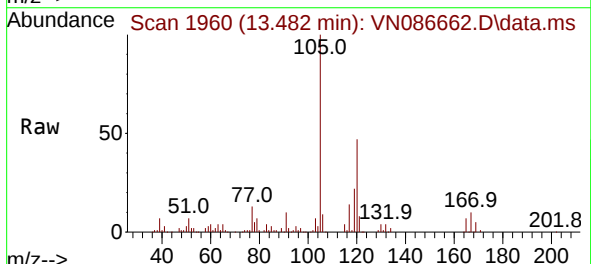
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

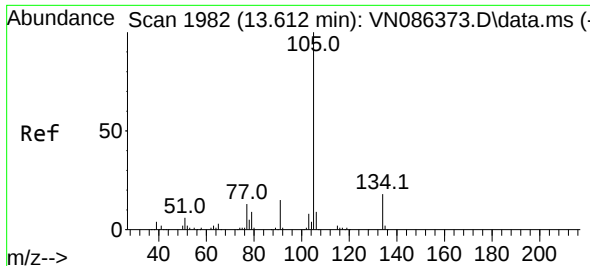
Tgt Ion:119 Resp: 152013
Ion Ratio Lower Upper
119 100
91 67.1 0.0 137.4
134 24.7 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 18.612 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion:105 Resp: 176072
Ion Ratio Lower Upper
105 100
120 45.7 0.0 87.6

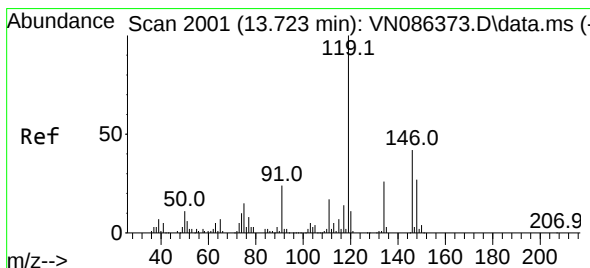
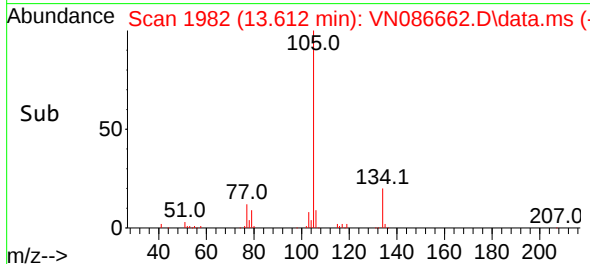
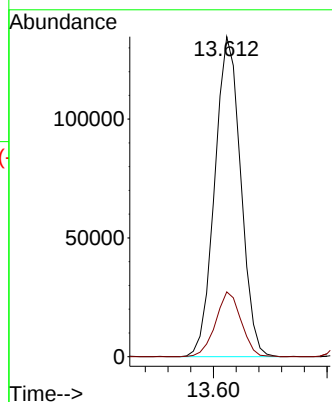
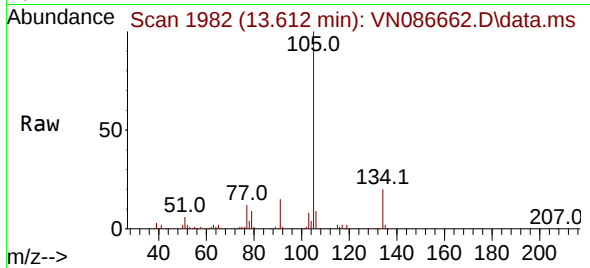




#81
 sec-Butylbenzene
 Concen: 18.916 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

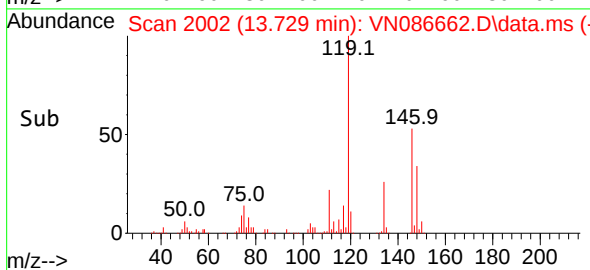
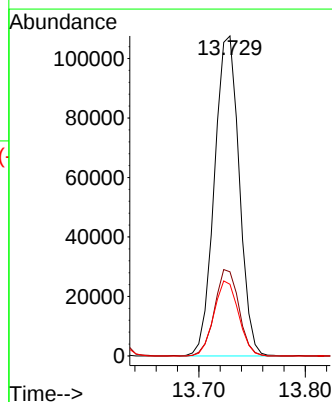
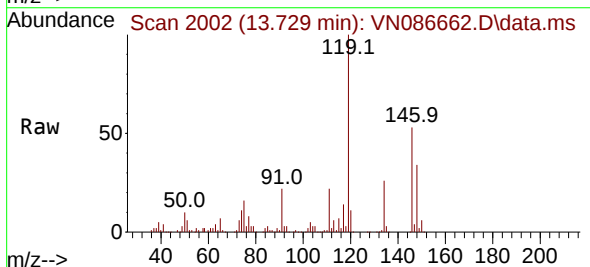
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

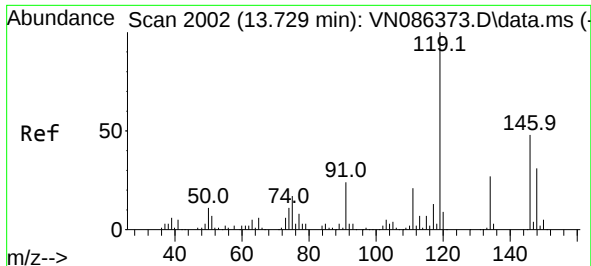
Tgt Ion:105 Resp: 214213
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.313 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

Tgt Ion:119 Resp: 173538
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.2
 91 23.4 0.0 47.6

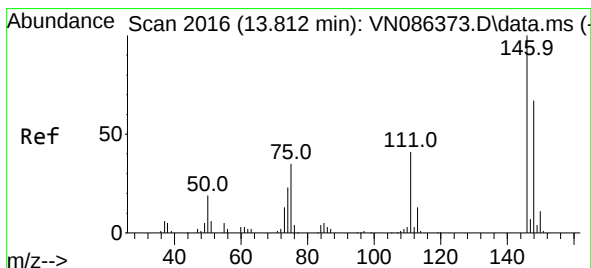
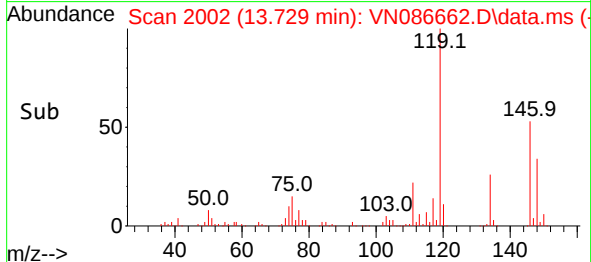
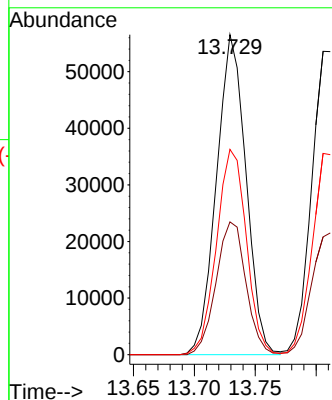
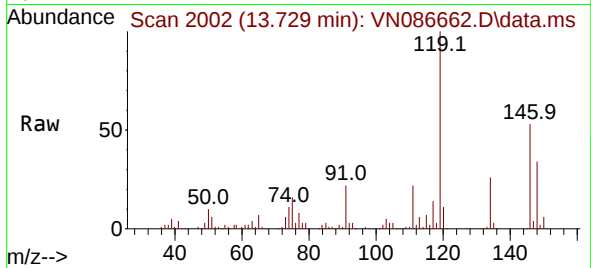




#83
1,3-Dichlorobenzene
Concen: 19.438 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

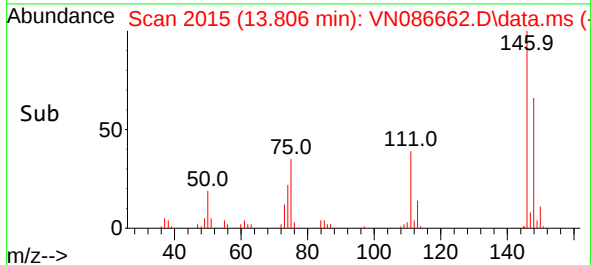
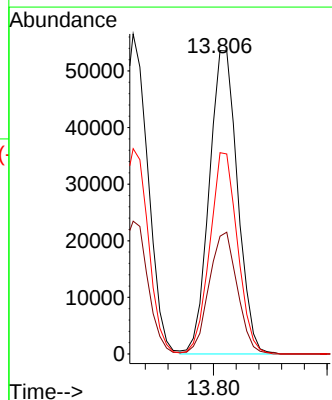
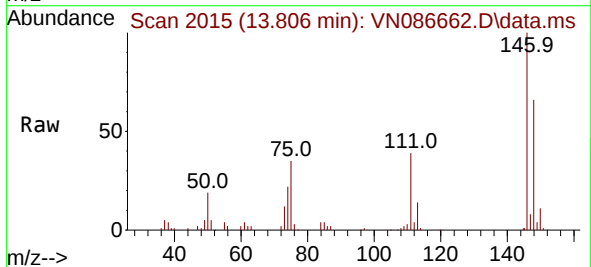
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

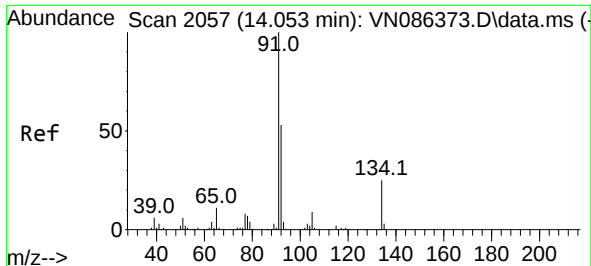
Tgt Ion:146 Resp: 95368
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 64.8 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 19.166 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion:146 Resp: 92905
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 64.8 32.4 97.2

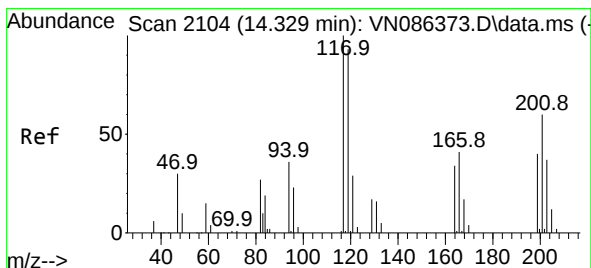
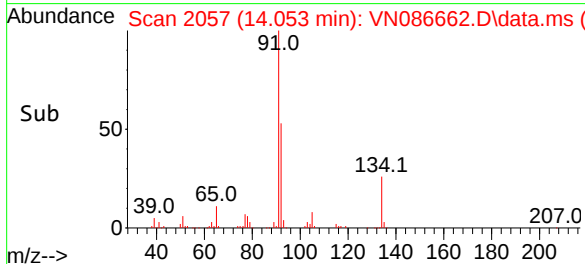
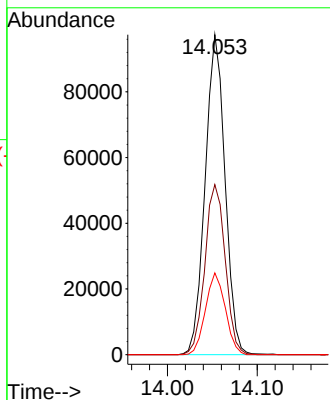
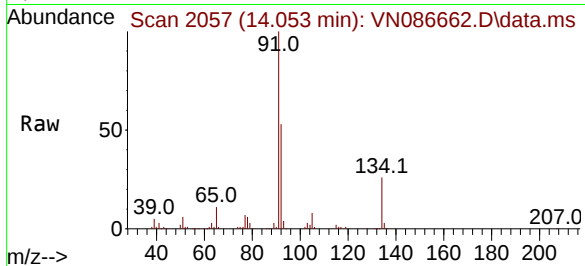




#85
n-Butylbenzene
Concen: 17.751 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

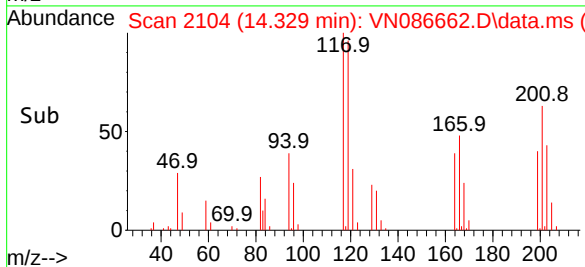
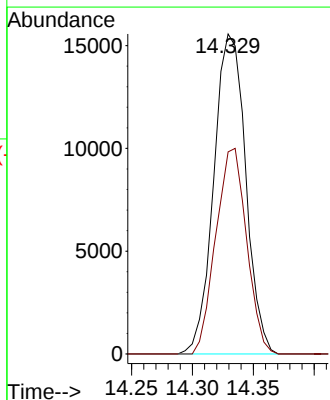
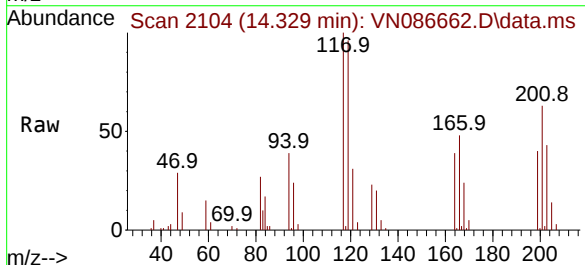
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

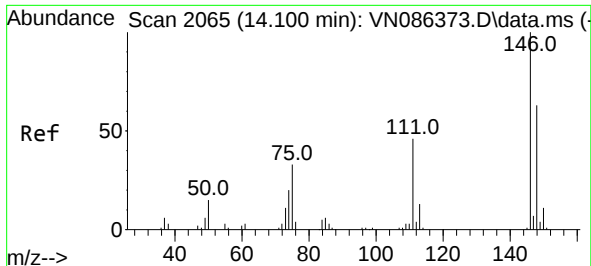
Tgt Ion: 91 Resp: 150093
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.2
134 25.4 0.0 48.2



#86
Hexachloroethane
Concen: 18.295 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086662.D
Acq: 16 May 2025 12:13

Tgt Ion: 117 Resp: 28348
Ion Ratio Lower Upper
117 100
201 62.0 31.7 95.1

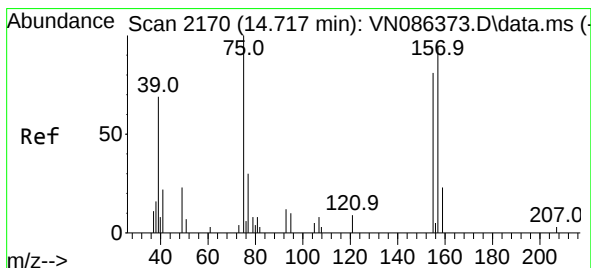
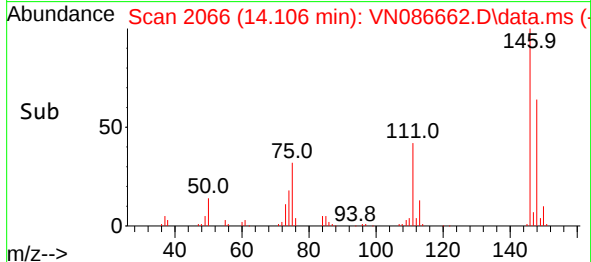
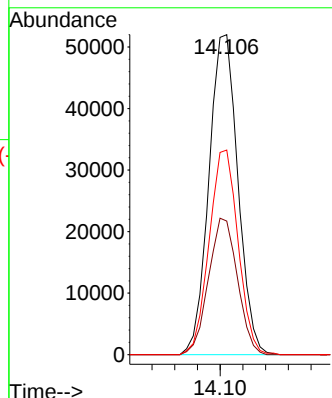
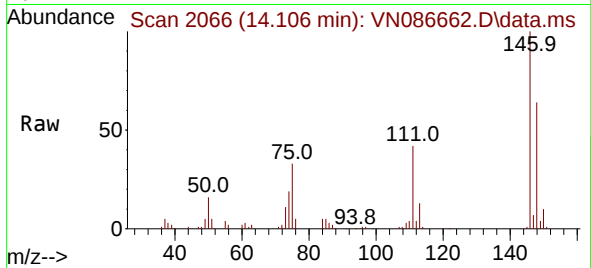




#87
 1,2-Dichlorobenzene
 Concen: 19.754 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

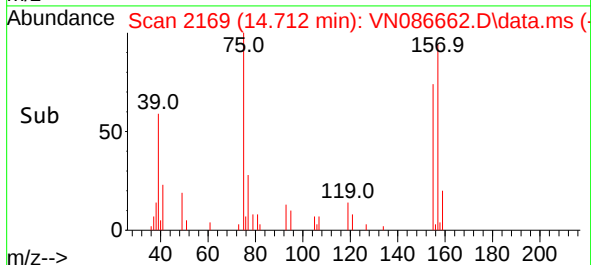
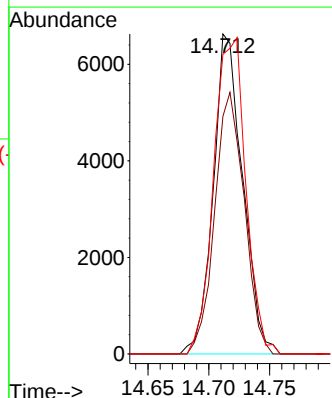
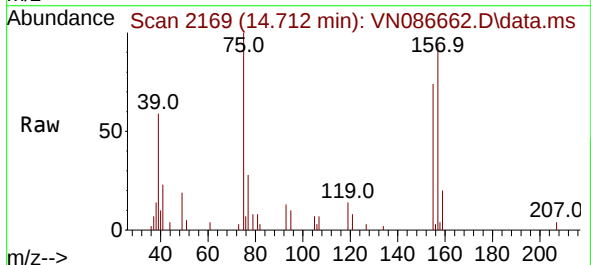
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

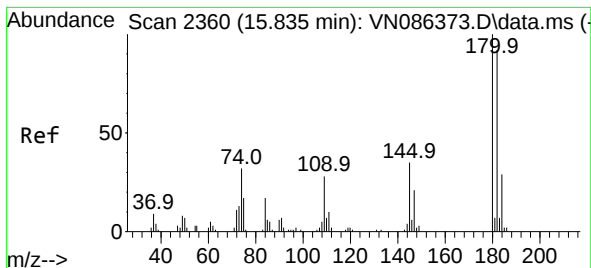
Tgt Ion:146 Resp: 92219
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.3
 148 63.8 32.0 96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.480 ug/l
 RT: 14.712 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN086662.D
 Acq: 16 May 2025 12:13

Tgt Ion: 75 Resp: 11166
 Ion Ratio Lower Upper
 75 100
 155 81.9 64.0 96.0
 157 107.4 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 18.548 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

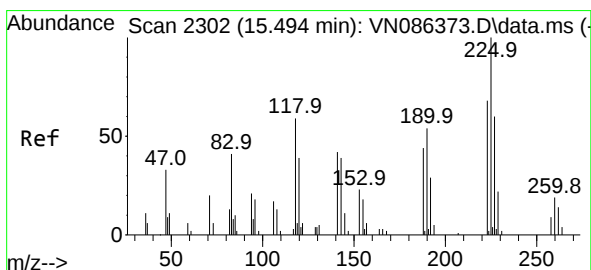
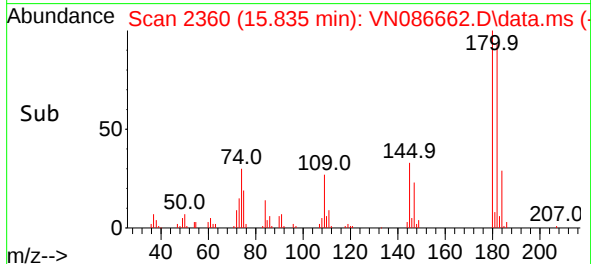
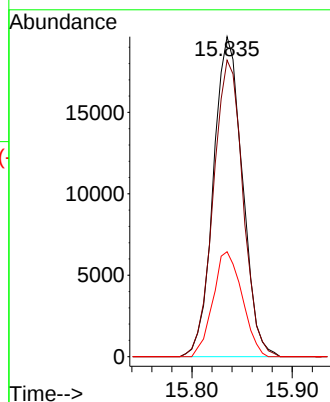
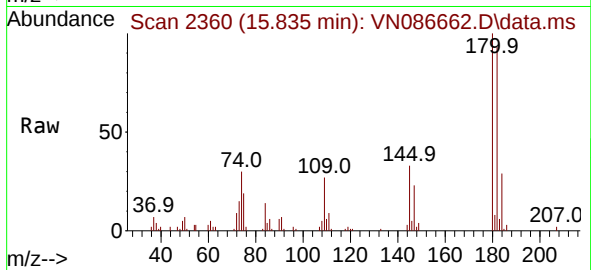
Tgt Ion:180 Resp: 39465

Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

145 33.0 26.9 40.3



#90

Hexachlorobutadiene

Concen: 19.703 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

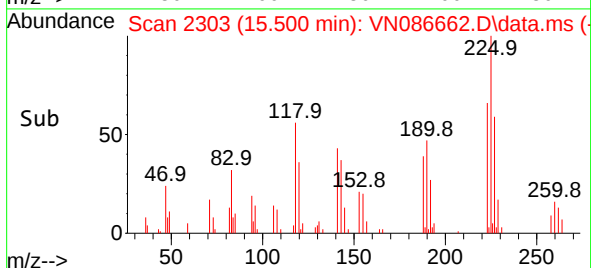
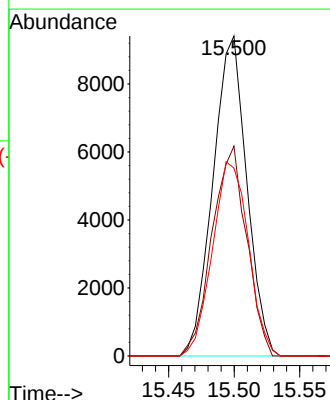
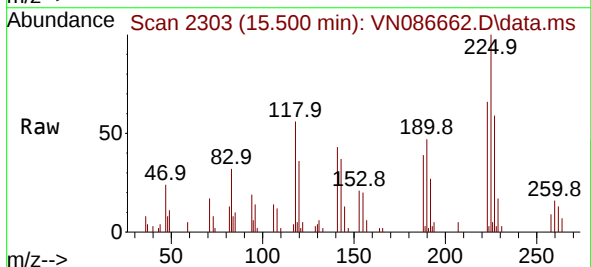
Tgt Ion:225 Resp: 16886

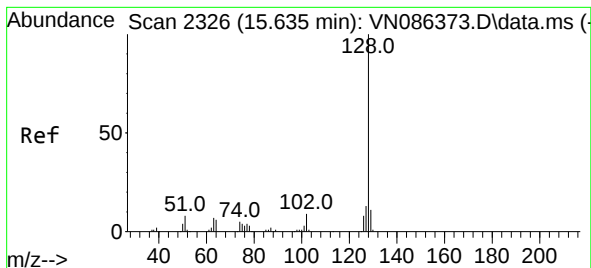
Ion Ratio Lower Upper

225 100

223 66.8 0.0 128.8

227 64.6 0.0 120.2





#91

Naphthalene

Concen: 17.643 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

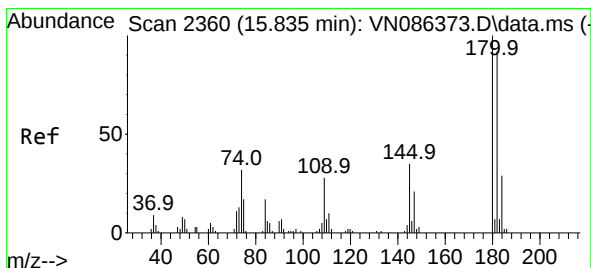
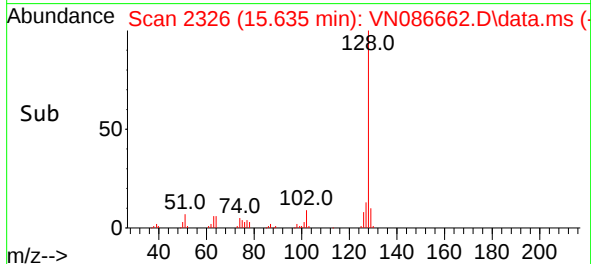
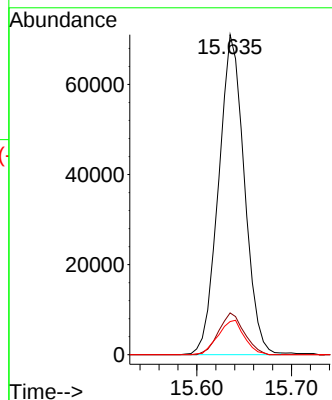
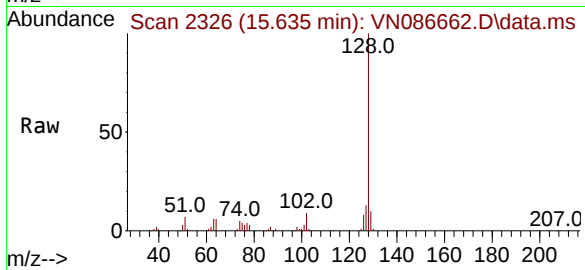
Tgt Ion:128 Resp: 134393

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.9 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 18.548 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086662.D

Acq: 16 May 2025 12:13

Tgt Ion:180 Resp: 39465

Ion Ratio Lower Upper

180 100

182 94.3 0.0 187.0

145 33.0 0.0 67.2

