

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086796.D
 Acq On : 28 May 2025 13:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 03:58:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	357118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124807	48.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.920%
35) Dibromofluoromethane	8.165	113	102511	48.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.565	98	462740	52.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.847	95	166991	53.660	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.320%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1171	0.385	ug/l #	87
5) Bromomethane	2.977	94	418	0.265	ug/l #	80
10) Methyl Iodide	4.600	142	684	0.281	ug/l #	43
13) Acrolein	4.183	56	618	1.232	ug/l #	71
14) Allyl chloride	5.289	41	53	0.017	ug/l #	21
16) Acetone	4.442	43	300	0.311	ug/l #	42
17) Carbon Disulfide	4.712	76	738	0.128	ug/l #	75
18) Methyl Acetate	5.024	43	1309	0.485	ug/l #	86
20) Methylene Chloride	5.259	84	114	0.045	ug/l #	60
25) 2-Butanone	7.330	43	67	0.045	ug/l #	46
31) Cyclohexane	8.218	56	4131	1.069	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14903	4.751	ug/l #	48
37) Ethyl Acetate	7.330	43	67	0.021	ug/l #	67
38) Carbon Tetrachloride	8.224	117	18448	5.968	ug/l #	16
39) Methylcyclohexane	9.594	83	436	0.128	ug/l #	65
40) Benzene	8.612	78	60	0.006	ug/l #	51
42) 1,2-Dichloroethane	8.671	62	68	0.021	ug/l #	74
43) Isopropyl Acetate	8.688	43	343	0.054	ug/l #	54
48) Methyl methacrylate	9.588	41	59	0.024	ug/l #	11
51) 4-Methyl-2-Pentanone	10.571	43	1553	0.485	ug/l #	1
52) Toluene	10.624	92	178	0.028	ug/l	92
59) 2-Hexanone	11.200	43	320	0.137	ug/l #	21
65) Chlorobenzene	11.894	112	402	0.052	ug/l #	42
67) Ethyl Benzene	11.965	91	3735	0.283	ug/l #	77
68) m/p-Xylenes	12.070	106	1002	0.201	ug/l	87
70) Styrene	12.412	104	233	0.029	ug/l #	59
71) Bromoform	12.576	173	73	0.041	ug/l #	30
73) Isopropylbenzene	12.694	105	1291	0.116	ug/l	83
76) 1,2,3-Trichloropropane	12.847	75	78398	23.973	ug/l #	1
78) n-propylbenzene	13.029	91	3806	0.297	ug/l	97
79) 2-Chlorotoluene	13.117	91	411	0.049	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.329	105	2080	0.232	ug/l	69
81) trans-1,4-Dichloro-2-b...	12.847	75	78398	60.499	ug/l #	15
82) 4-Chlorotoluene	13.223	91	481	0.058	ug/l #	41
83) tert-Butylbenzene	13.435	119	148	0.019	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.482	105	3641	0.409	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

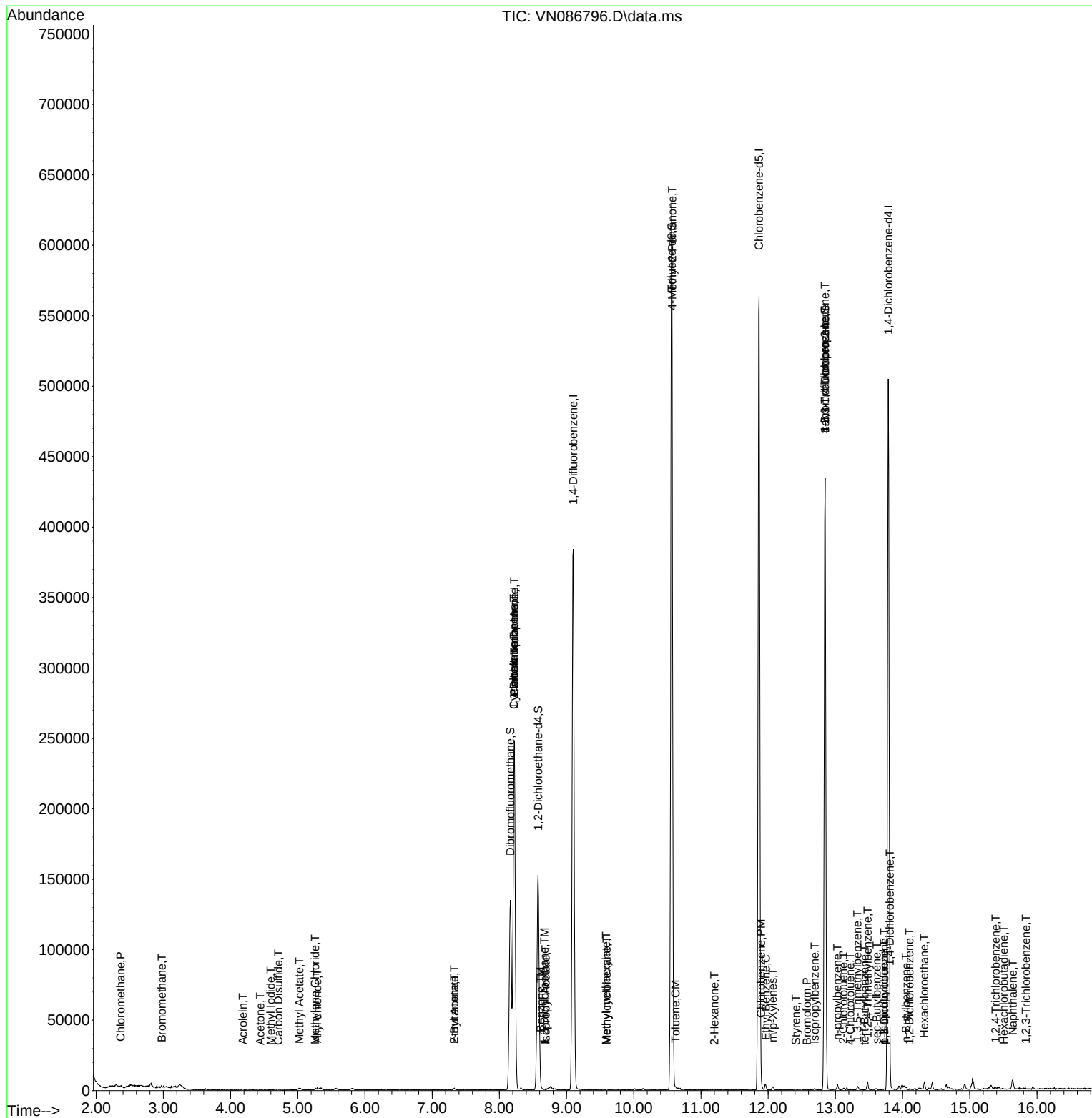
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.617	105	790	0.076	ug/l #	77
86) p-Isopropyltoluene	13.723	119	371	0.043	ug/l #	51
87) 1,3-Dichlorobenzene	13.729	146	282	0.058	ug/l #	56
88) 1,4-Dichlorobenzene	13.812	146	477	0.099	ug/l #	24
89) n-Butylbenzene	14.053	91	1656	0.233	ug/l #	65
90) Hexachloroethane	14.323	117	322	0.226	ug/l #	18
91) 1,2-Dichlorobenzene	14.100	146	274	0.059	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.388	180	357	0.183	ug/l #	63
94) Hexachlorobutadiene	15.506	225	115	0.142	ug/l #	17
95) Naphthalene	15.641	128	7969	1.175	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	265	0.139	ug/l #	63

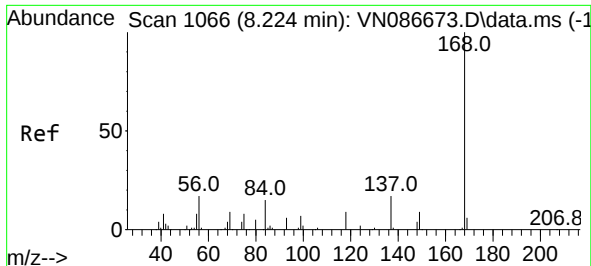
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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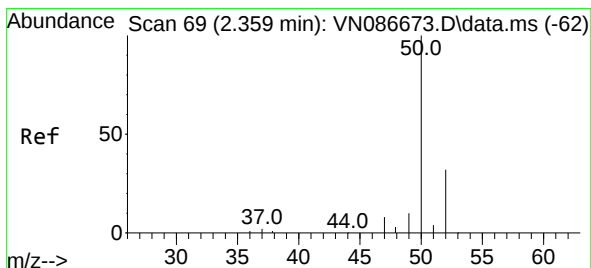
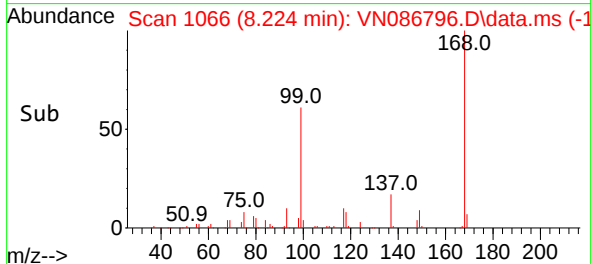
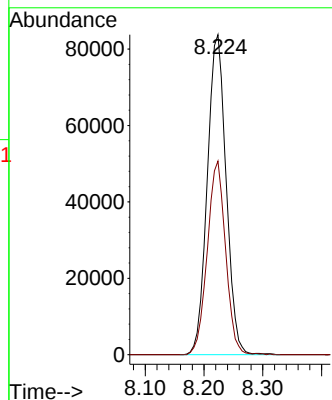
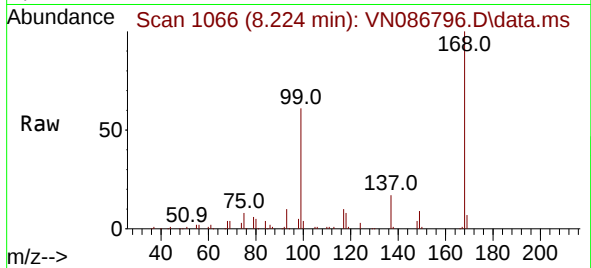




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086796.D
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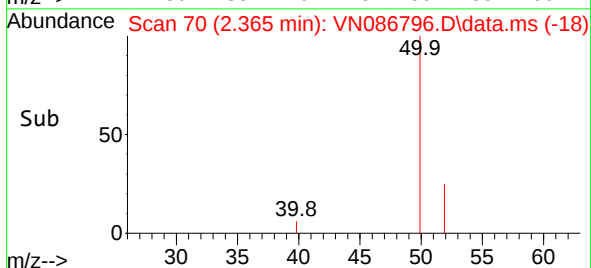
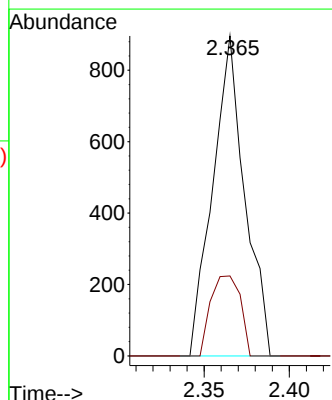
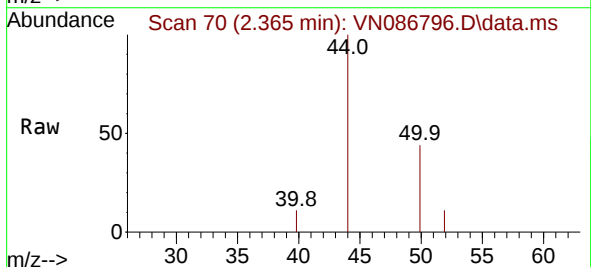
Instrument :
MSVOA_N
ClientSampleId :
IBLK

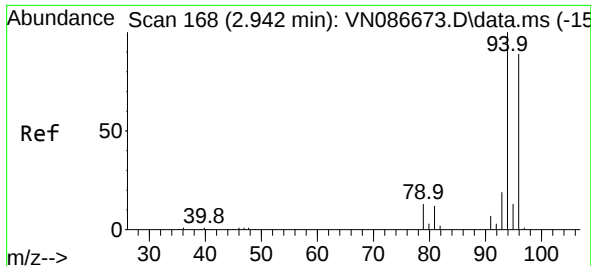
Tgt Ion:168 Resp: 186393
Ion Ratio Lower Upper
168 100
99 60.5 47.0 70.4



#3
Chloromethane
Concen: 0.385 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 50 Resp: 1171
Ion Ratio Lower Upper
50 100
52 25.0 25.9 38.9#

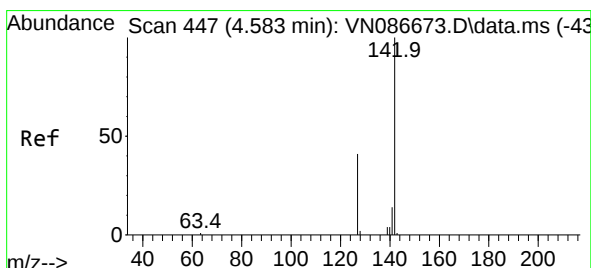
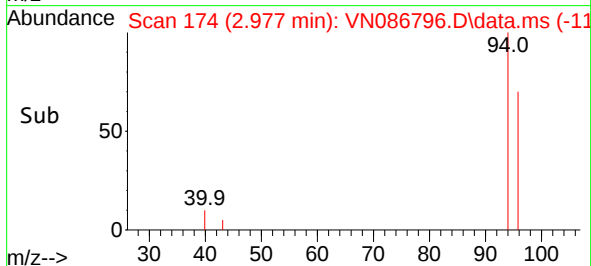
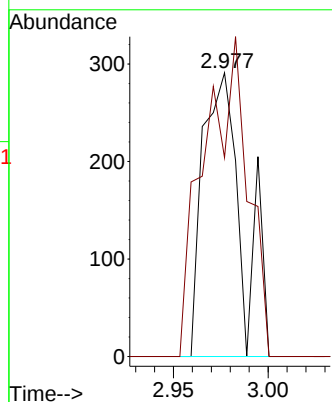
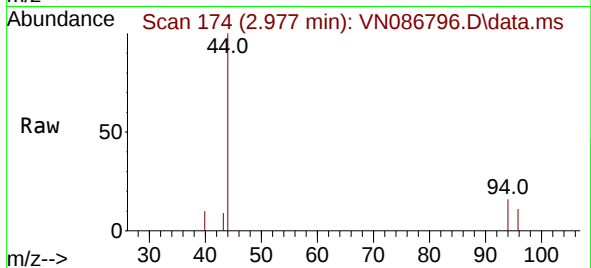




#5
Bromomethane
Concen: 0.265 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

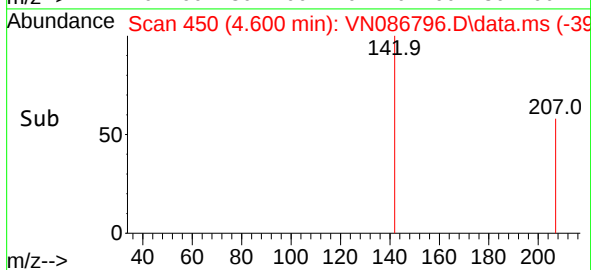
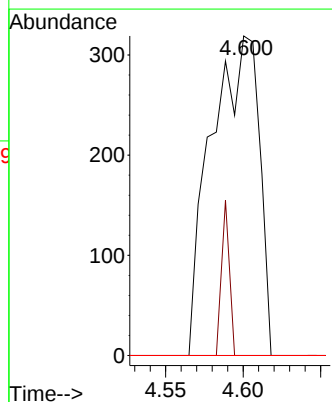
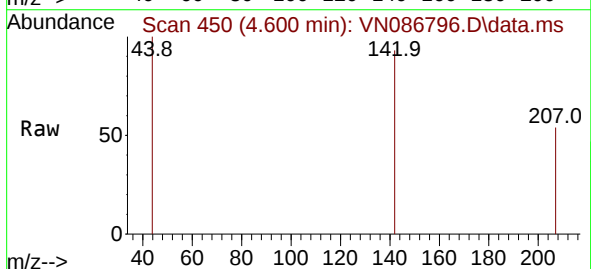
Instrument :
MSVOA_N
ClientSampleId :
IBLK

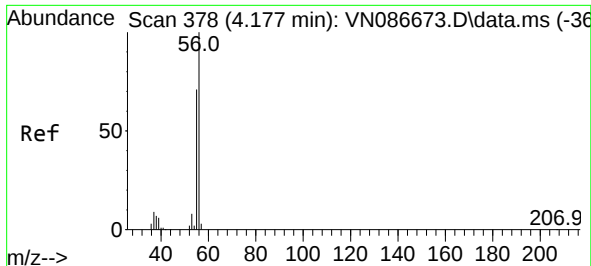
Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 70.1 71.2 106.8#



#10
Methyl Iodide
Concen: 0.281 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.018 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion:142 Resp: 684
Ion Ratio Lower Upper
142 100
127 0.0 32.4 48.6#
141 0.0 11.4 17.2#

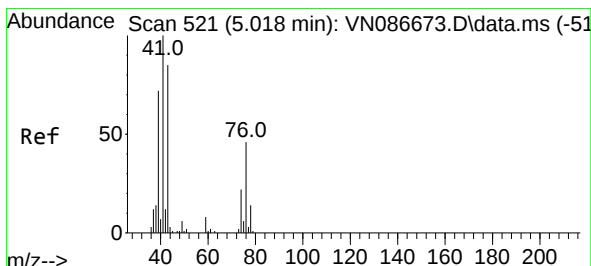
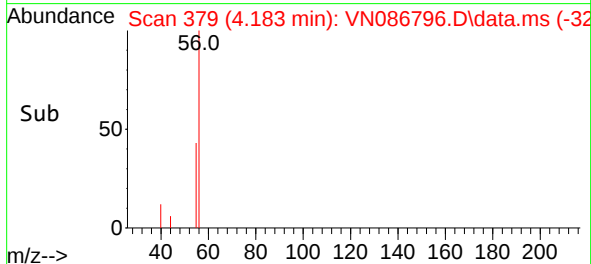
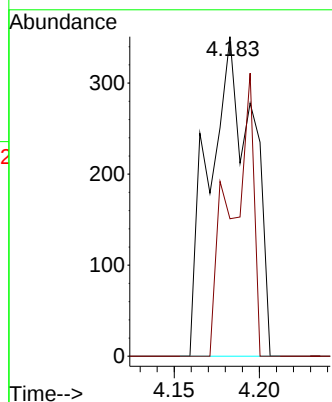
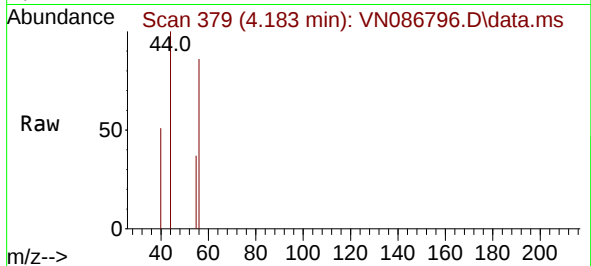




#13
Acrolein
Concen: 1.232 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

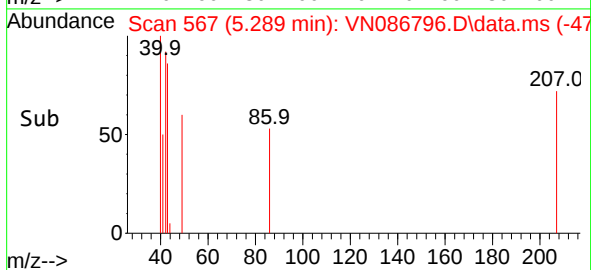
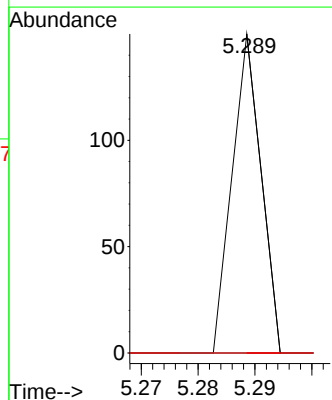
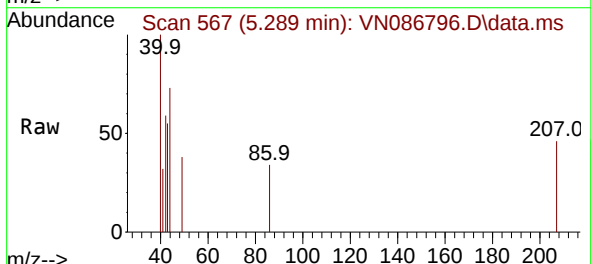
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MSVOA_N
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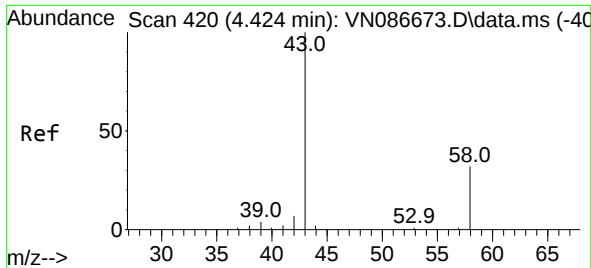
Tgt Ion: 56 Resp: 618
Ion Ratio Lower Upper
56 100
55 46.1 55.7 83.5#



#14
Allyl chloride
Concen: 0.017 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.270 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
39 0.0 57.4 86.0#
76 0.0 33.2 49.8#





#16

Acetone

Concen: 0.311 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

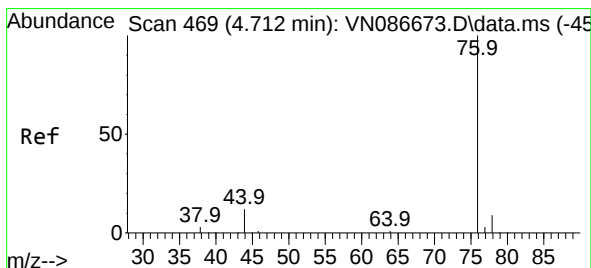
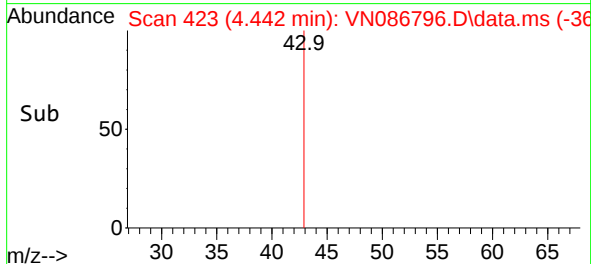
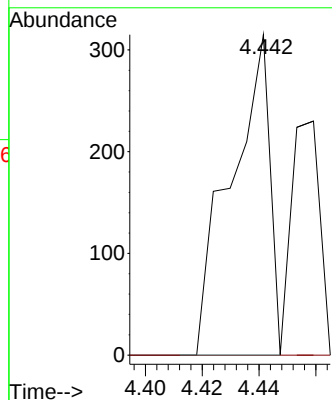
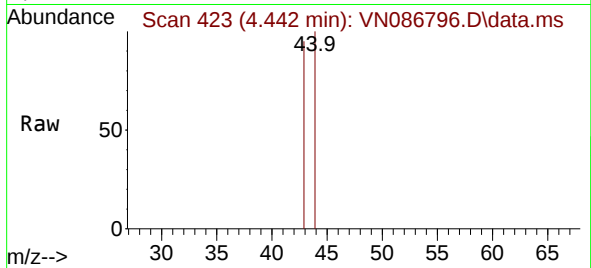
IBLK

Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#17

Carbon Disulfide

Concen: 0.128 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086796.D

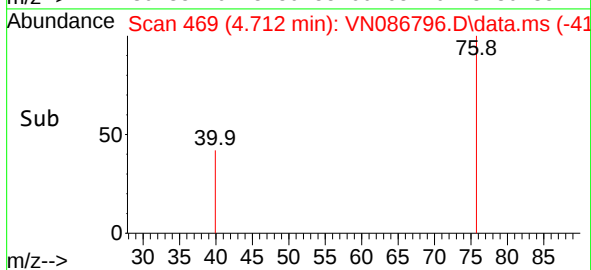
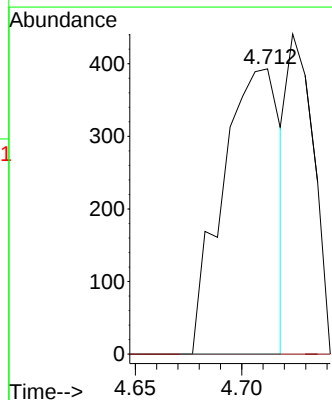
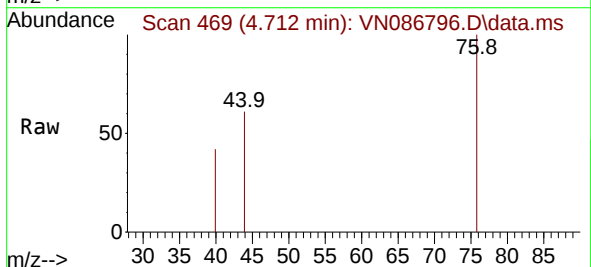
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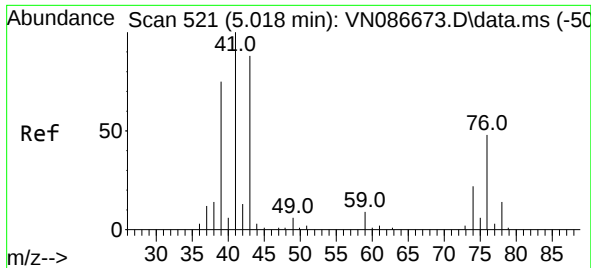
Tgt Ion: 76 Resp: 738

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

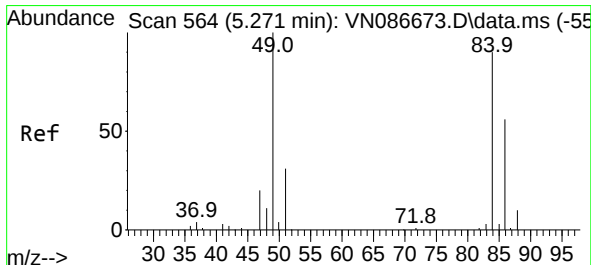
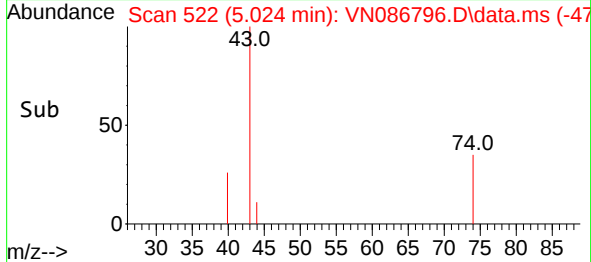
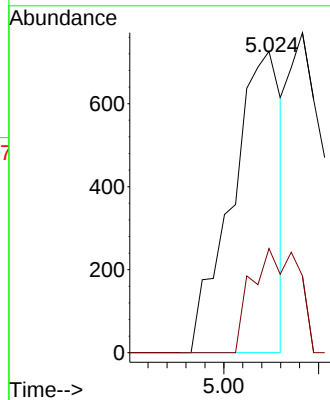
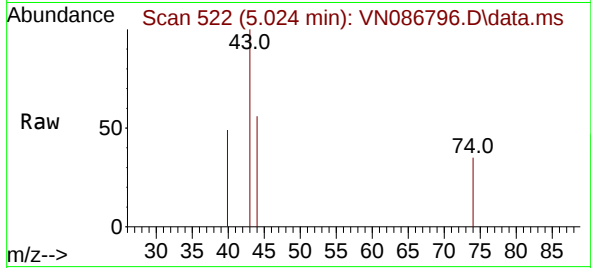




#18
Methyl Acetate
Concen: 0.485 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

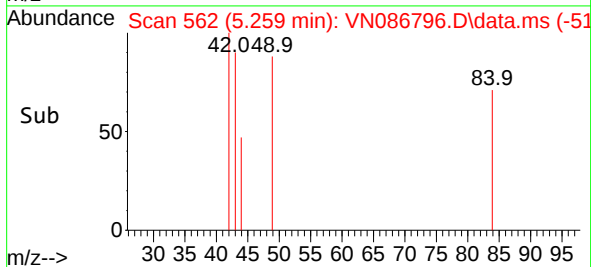
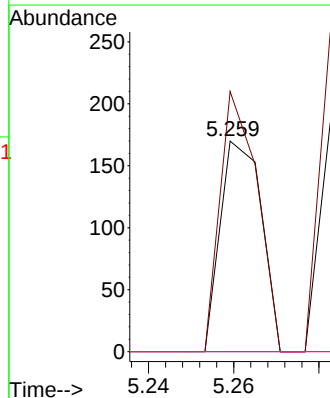
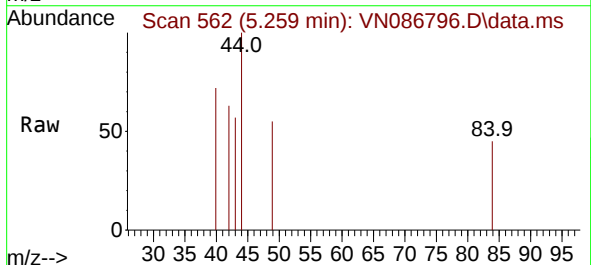
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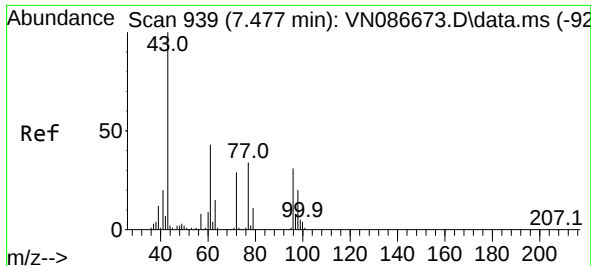
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
74 32.8 20.5 30.7#



#20
Methylene Chloride
Concen: 0.045 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 84 Resp: 114
Ion Ratio Lower Upper
84 100
49 123.5 88.8 133.2
51 0.0 27.8 41.6#
86 0.0 49.8 74.6#

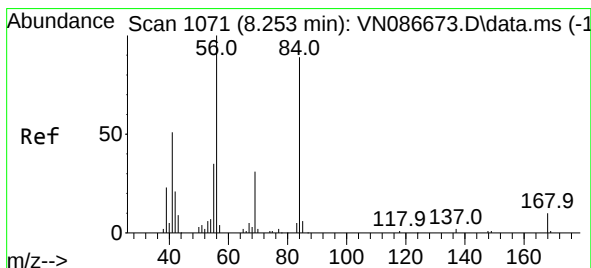
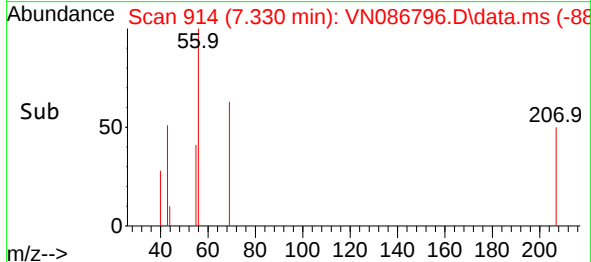
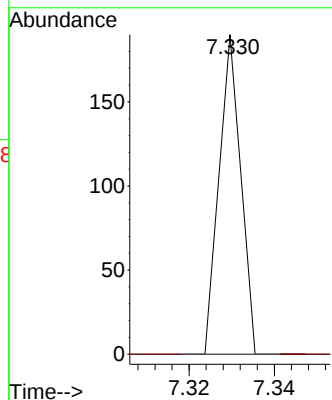
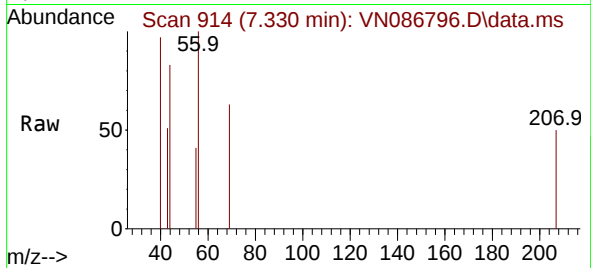




#25
2-Butanone
Concen: 0.045 ug/l
RT: 7.330 min Scan# 91
Delta R.T. -0.147 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

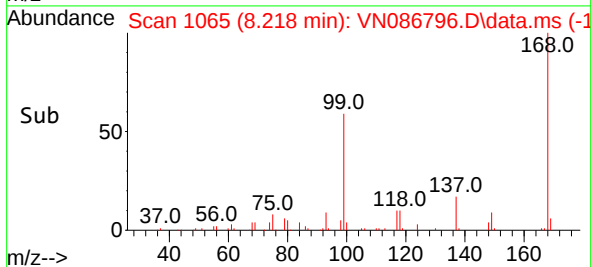
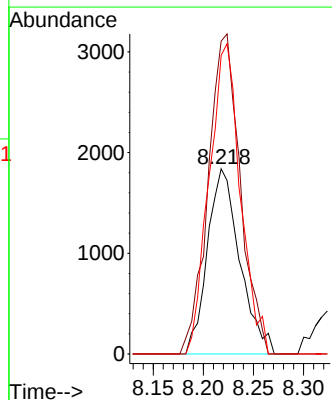
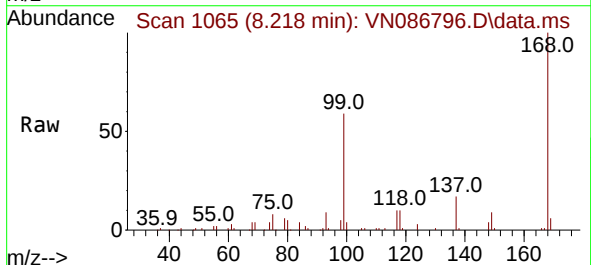
Instrument :
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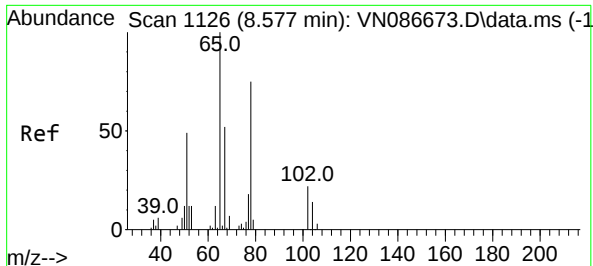
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 56 Resp: 4131
Ion Ratio Lower Upper
56 100
69 169.0 25.0 37.6#
84 161.2 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 48.457 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

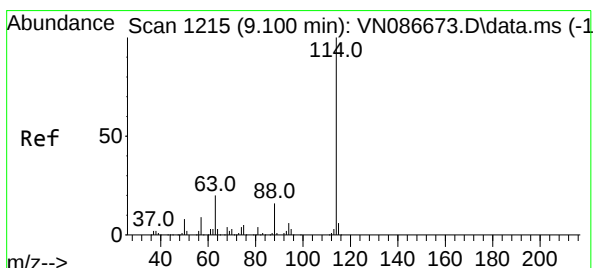
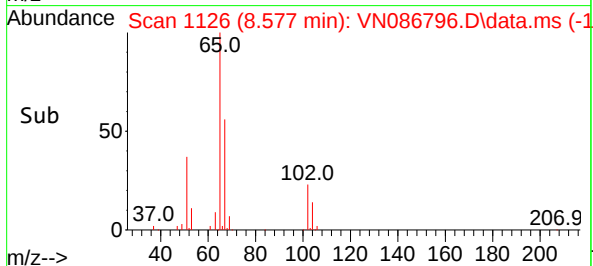
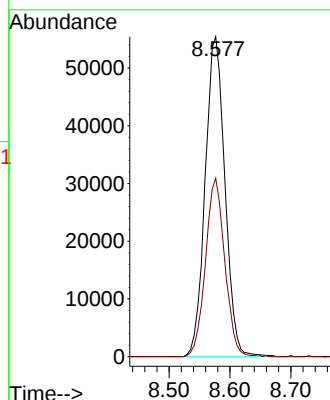
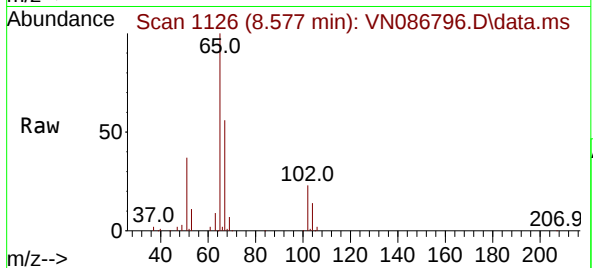
IBLK

Tgt Ion: 65 Resp: 124807

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

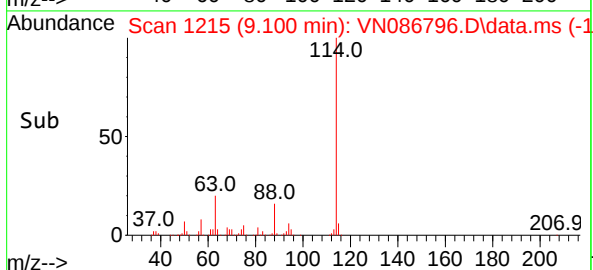
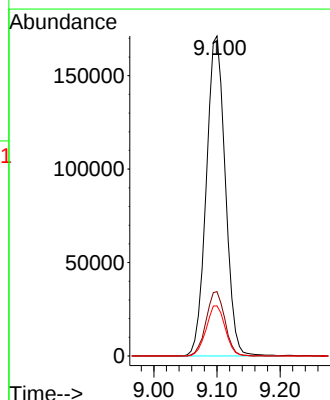
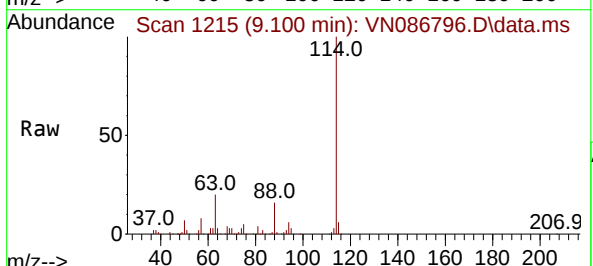
Tgt Ion: 114 Resp: 357118

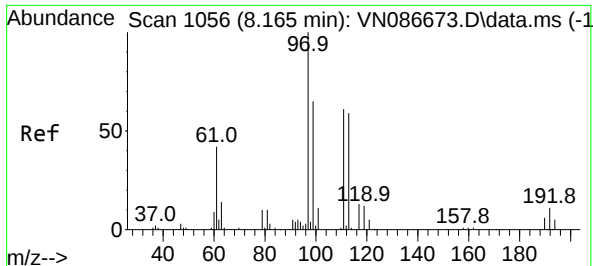
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

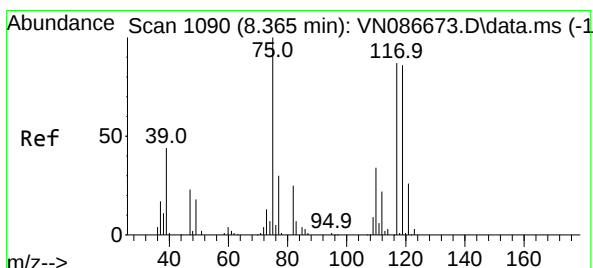
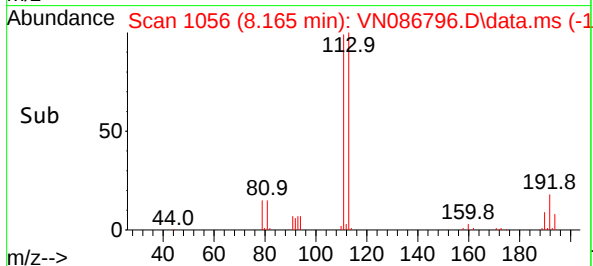
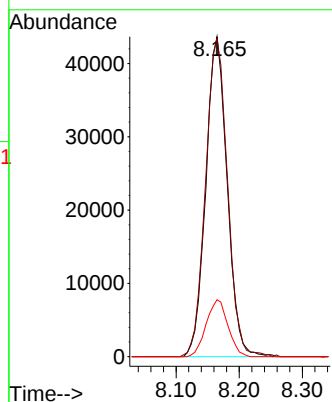
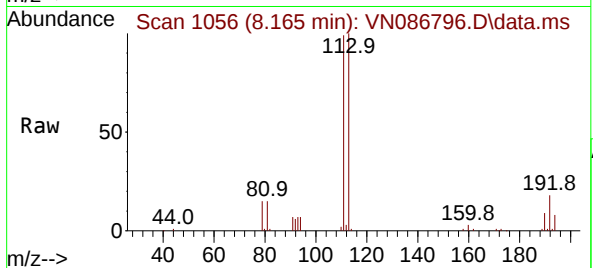
Tgt Ion:113 Resp: 102511

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 18.1 13.8 20.8



#36

1,1-Dichloropropene

Concen: 4.751 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

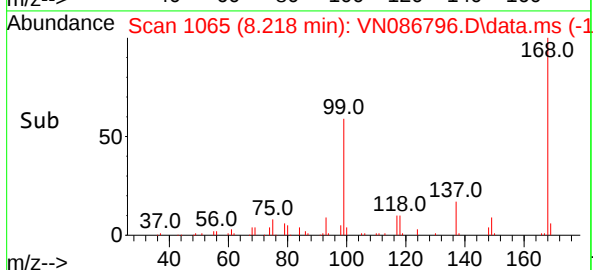
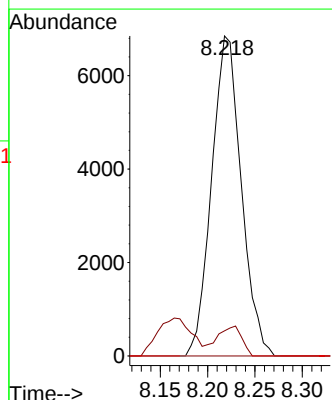
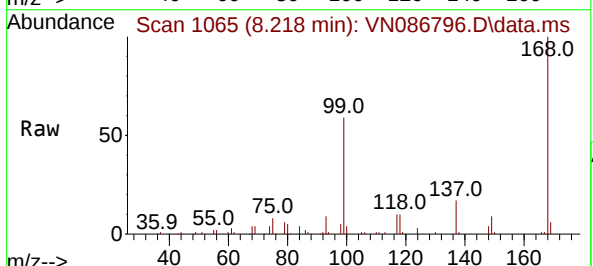
Tgt Ion: 75 Resp: 14903

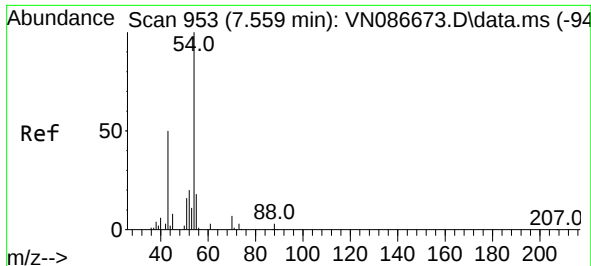
Ion Ratio Lower Upper

75 100

110 7.4 17.5 52.5#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.021 ug/l

RT: 7.330 min Scan# 91

Delta R.T. -0.230 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

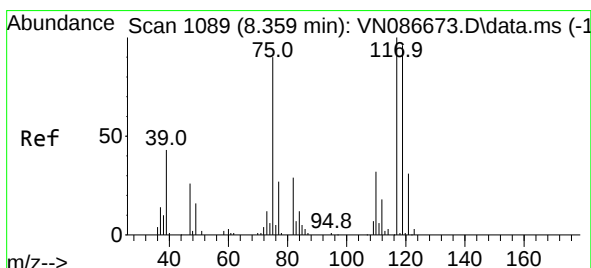
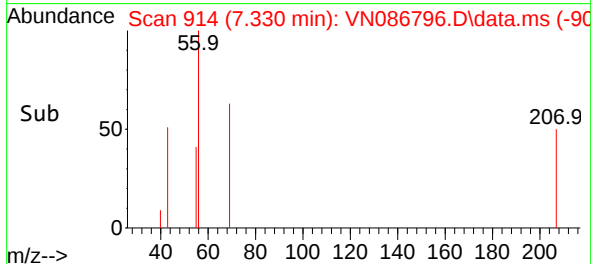
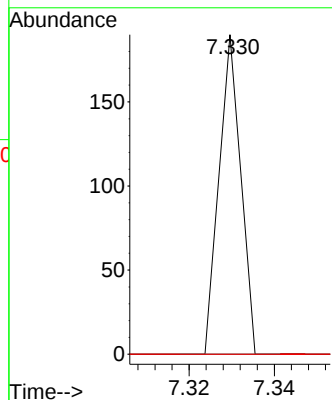
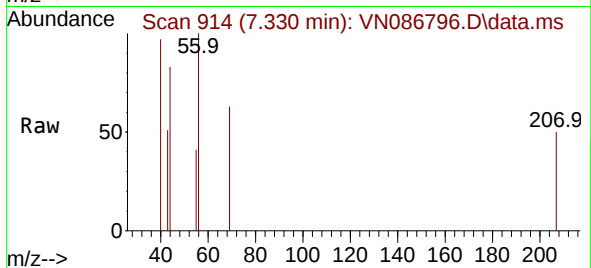
Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 5.968 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

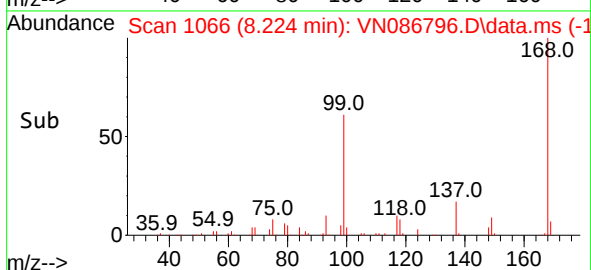
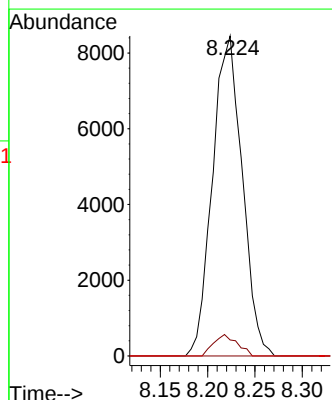
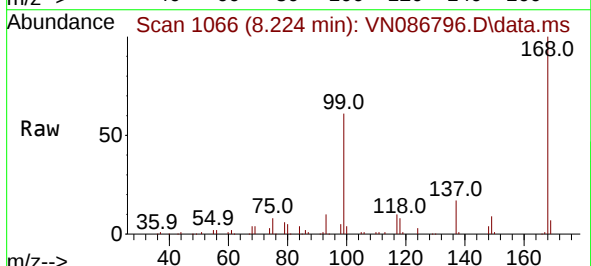
Tgt Ion: 117 Resp: 18448

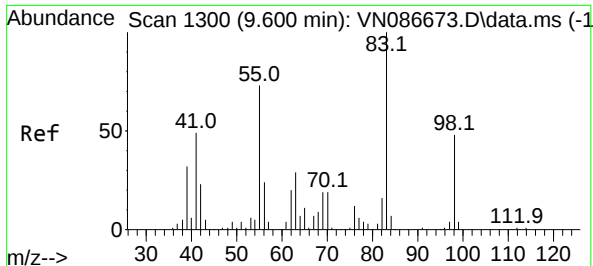
Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.128 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

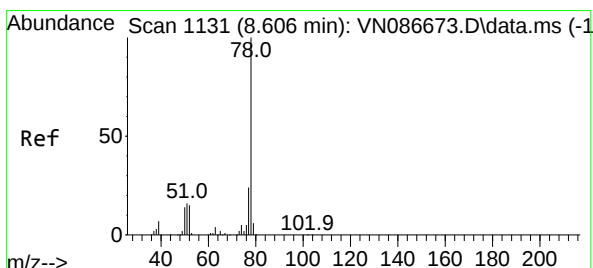
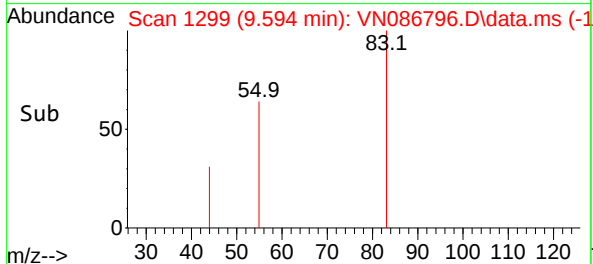
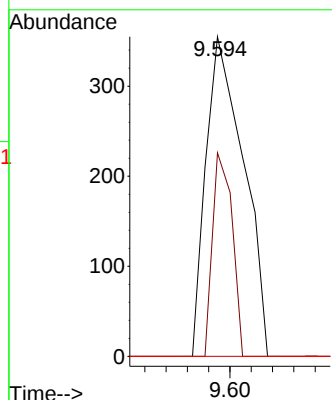
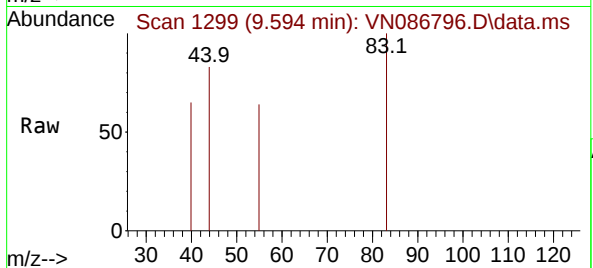
Tgt Ion: 83 Resp: 436

Ion Ratio Lower Upper

83 100

55 63.7 58.2 87.4

98 0.0 38.4 57.6#



#40

Benzene

Concen: 0.006 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN086796.D

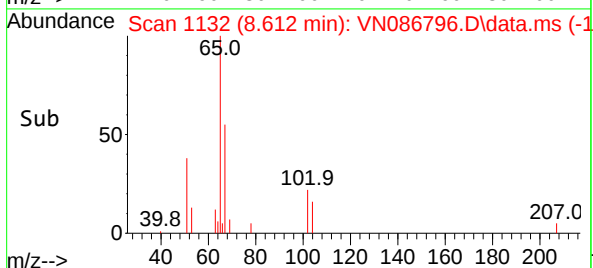
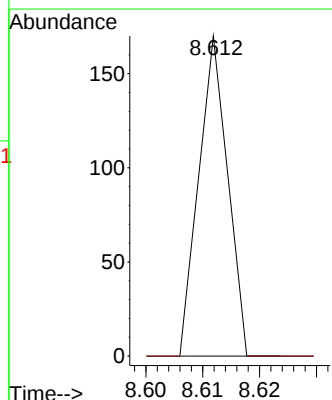
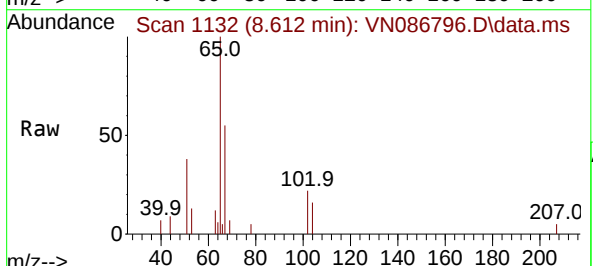
Acq: 28 May 2025 13:47

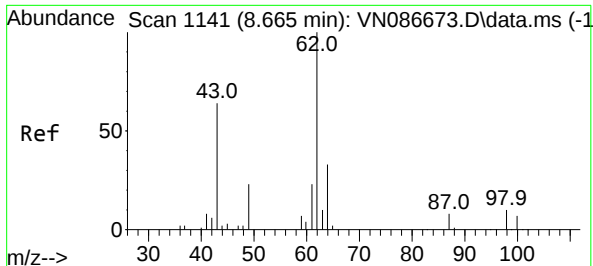
Tgt Ion: 78 Resp: 60

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#





#42

1,2-Dichloroethane

Concen: 0.021 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

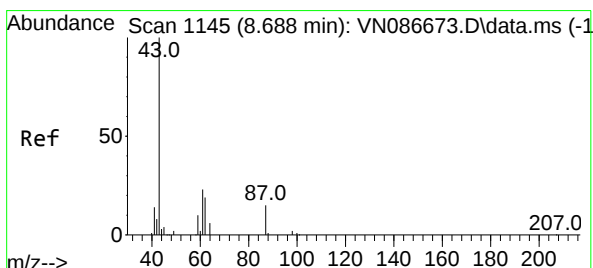
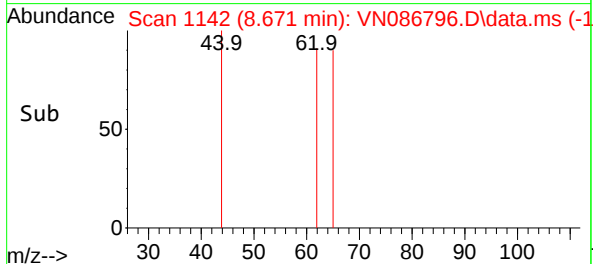
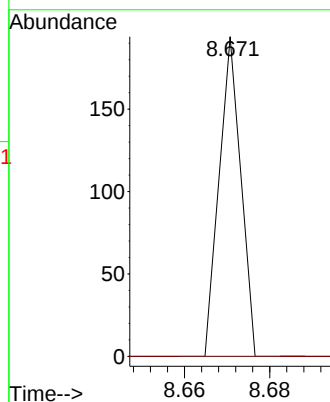
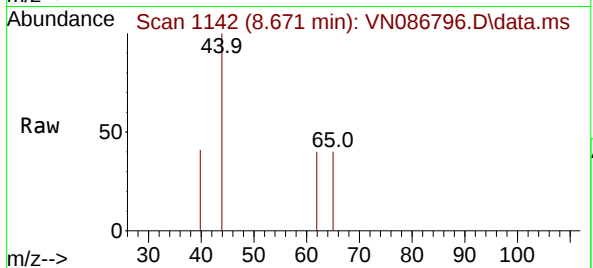
IBLK

Tgt Ion: 62 Resp: 68

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.2



#43

Isopropyl Acetate

Concen: 0.054 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

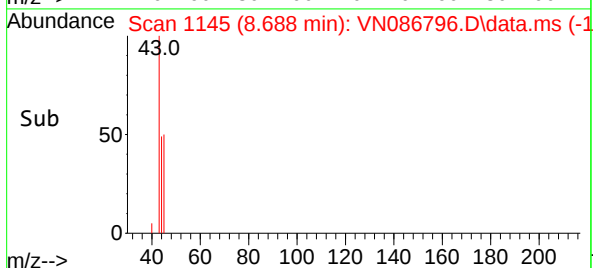
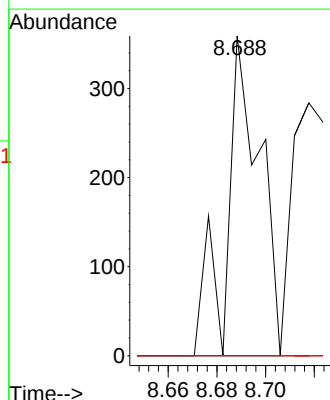
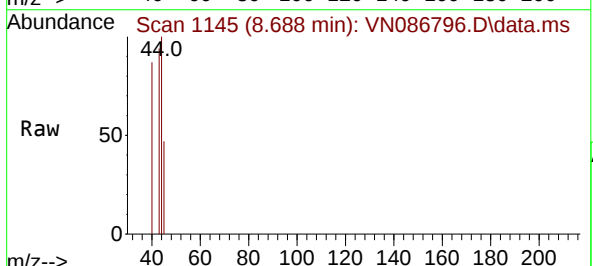
Tgt Ion: 43 Resp: 343

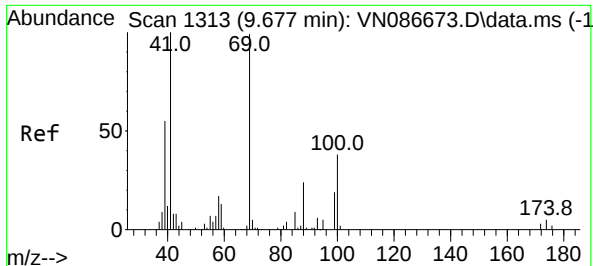
Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.2#

87 0.0 11.1 16.7#

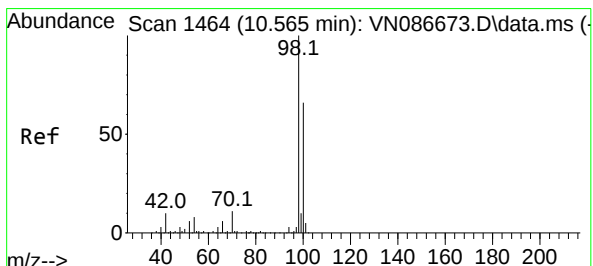
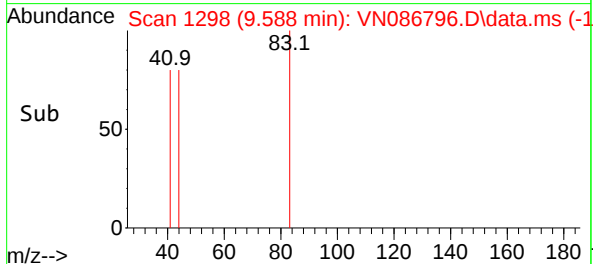
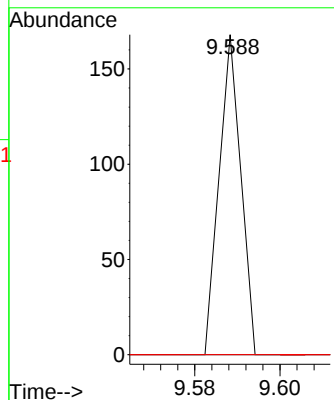
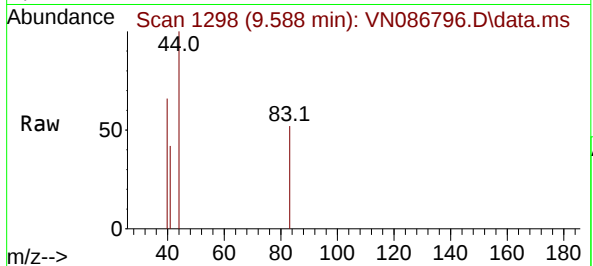




#48
Methyl methacrylate
Concen: 0.024 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. -0.088 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

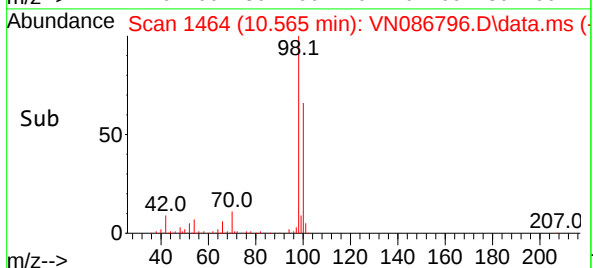
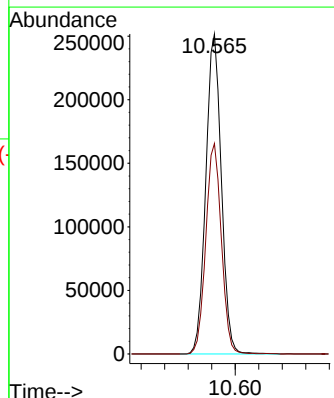
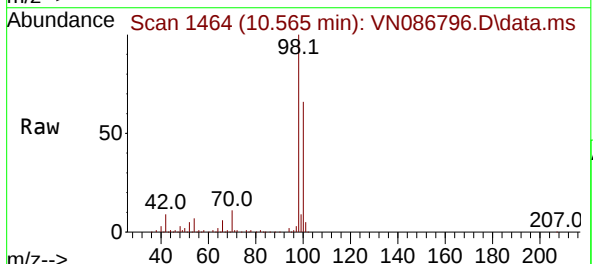
Instrument :
MSVOA_N
ClientSampleId :
IBLK

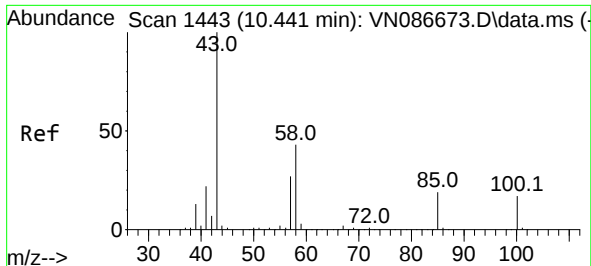
Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
69 0.0 74.1 111.1#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 52.503 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 98 Resp: 462740
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.485 ug/l

RT: 10.571 min Scan# 1443

Delta R.T. 0.129 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

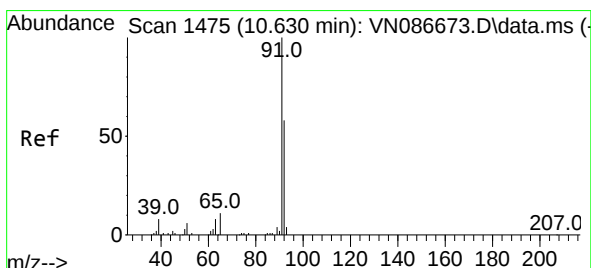
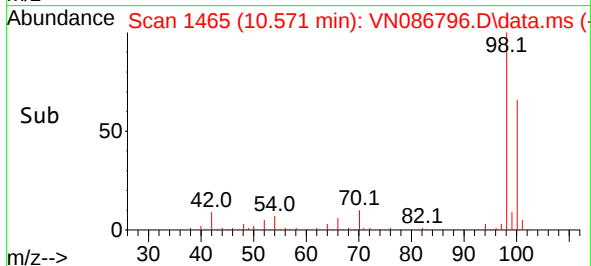
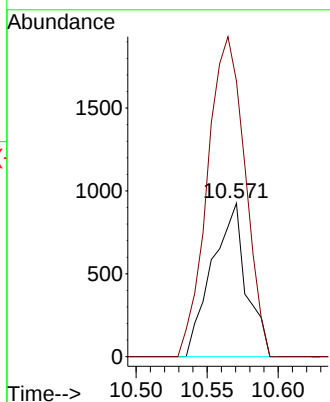
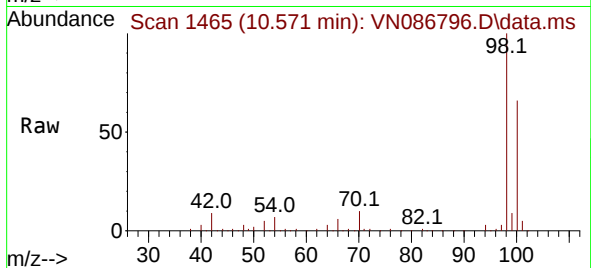
IBLK

Tgt Ion: 43 Resp: 1553

Ion Ratio Lower Upper

43 100

58 228.8 33.9 50.9#



#52

Toluene

Concen: 0.028 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086796.D

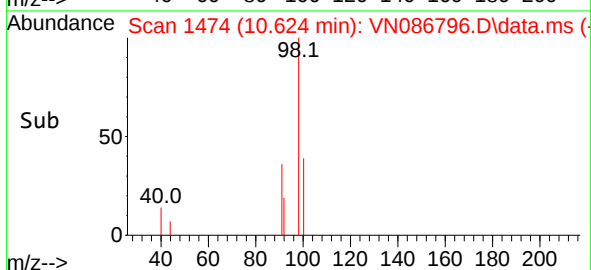
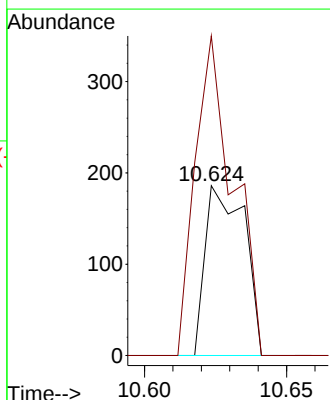
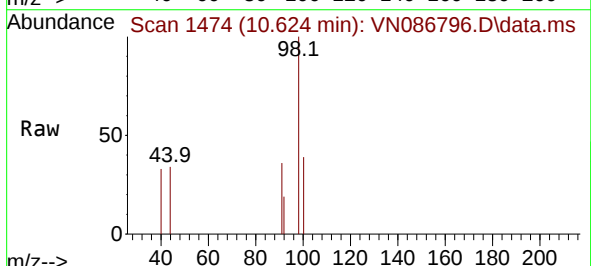
Acq: 28 May 2025 13:47

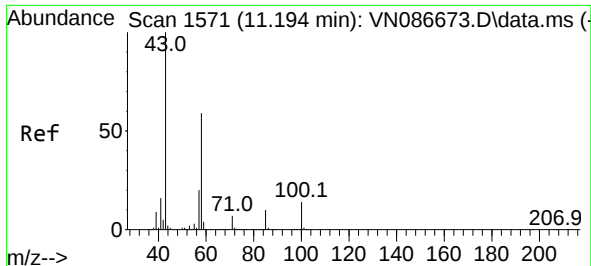
Tgt Ion: 92 Resp: 178

Ion Ratio Lower Upper

92 100

91 183.1 137.8 206.8

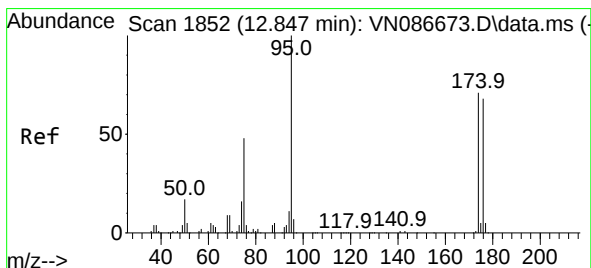
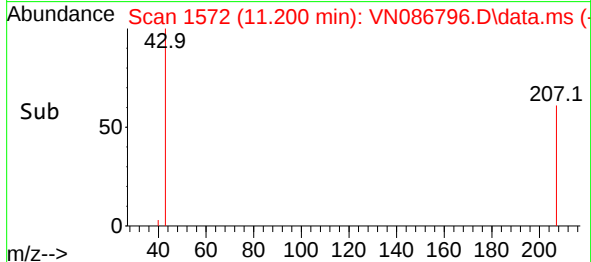
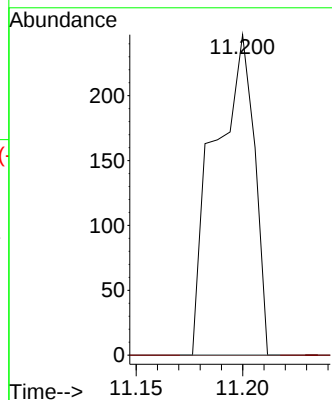
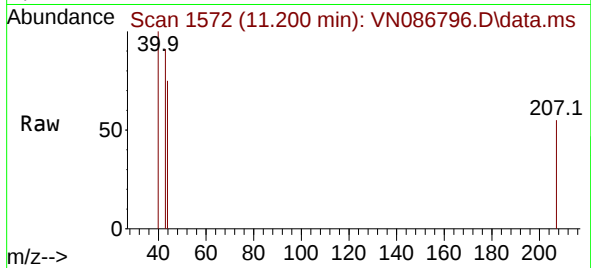




#59
2-Hexanone
Concen: 0.137 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

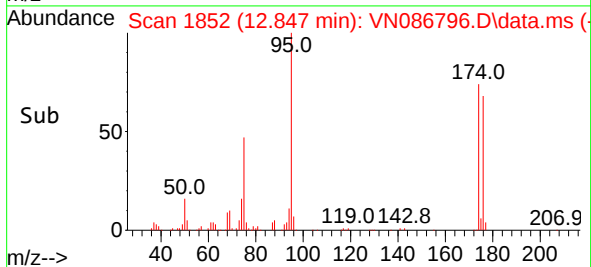
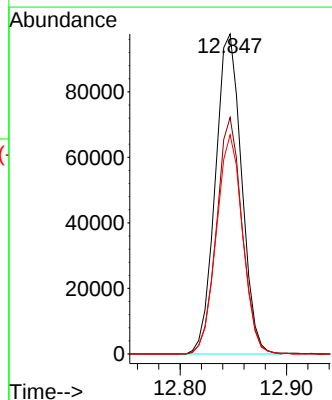
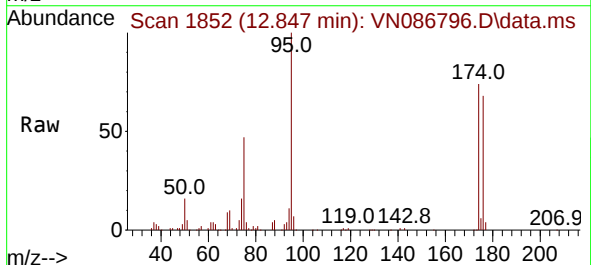
Instrument :
MSVOA_N
ClientSampleId :
IBLK

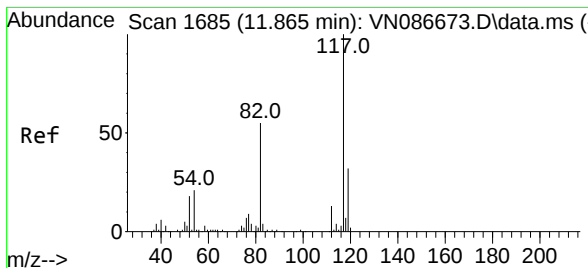
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 53.660 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 95 Resp: 166991
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.4
176 68.3 0.0 137.8

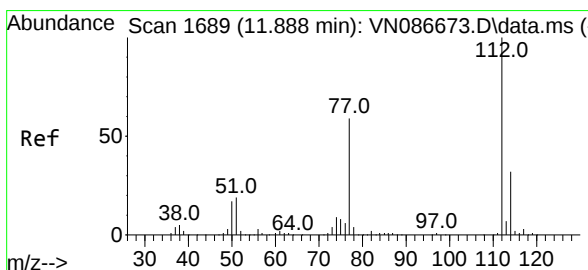
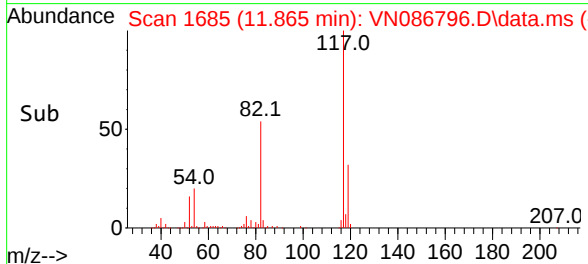
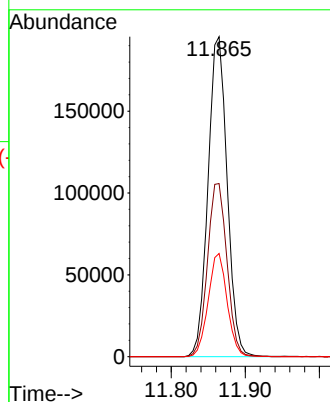
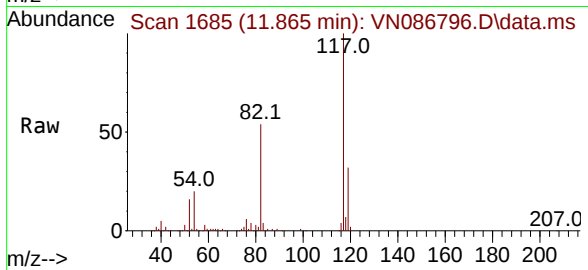




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

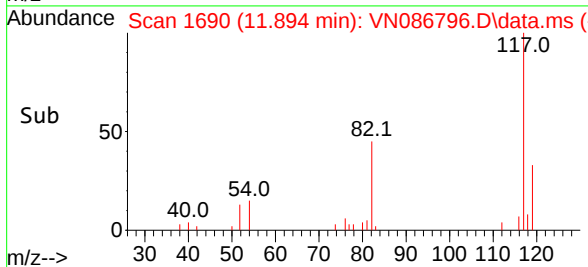
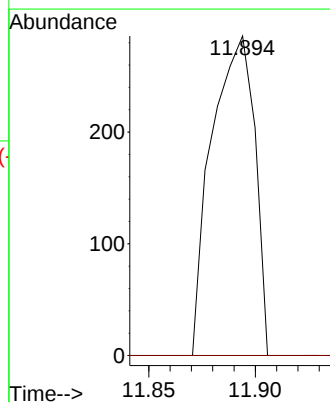
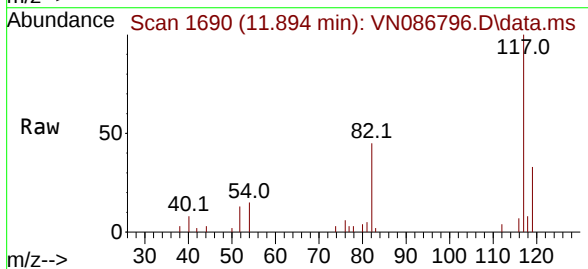
Instrument :
MSVOA_N
ClientSampleId :
IBLK

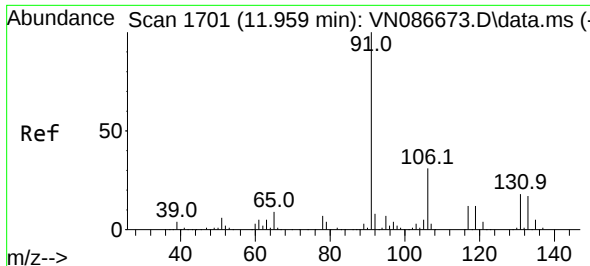
Tgt Ion:117 Resp: 350940
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.2 25.4 38.2



#65
Chlorobenzene
Concen: 0.052 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion:112 Resp: 402
Ion Ratio Lower Upper
112 100
114 0.0 25.9 38.9#

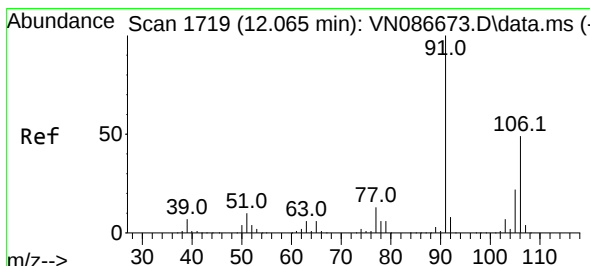
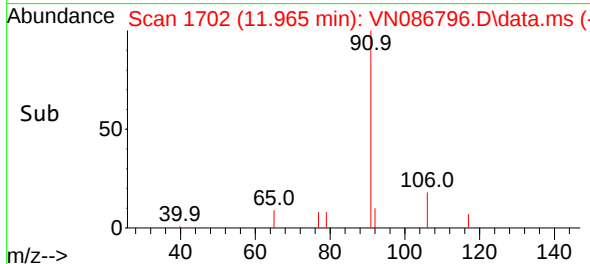
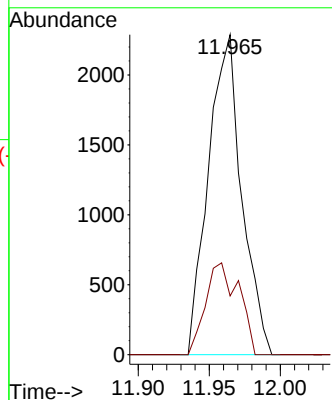
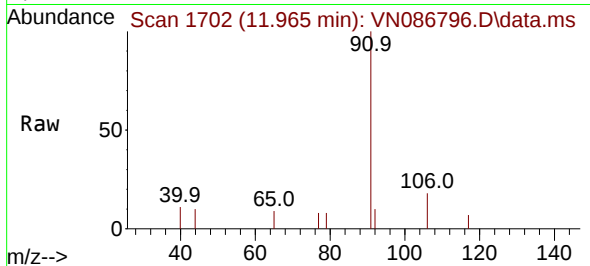




#67
Ethyl Benzene
Concen: 0.283 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

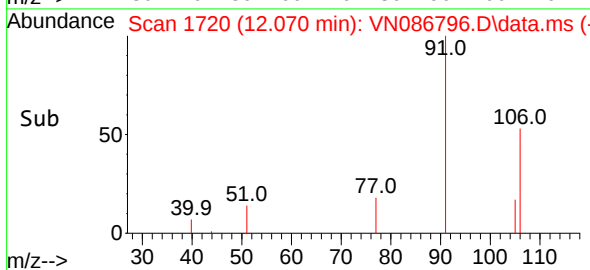
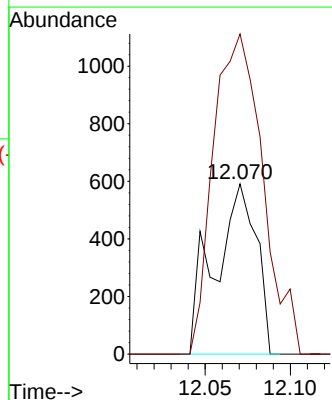
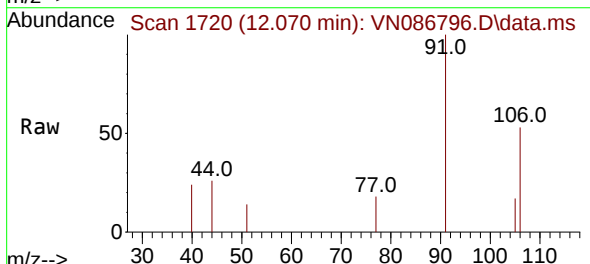
Instrument :
MSVOA_N
ClientSampleId :
IBLK

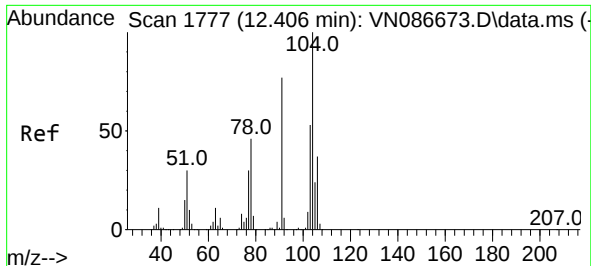
Tgt Ion: 91 Resp: 3735
Ion Ratio Lower Upper
91 100
106 18.4 24.6 36.8#



#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 106 Resp: 1002
Ion Ratio Lower Upper
106 100
91 223.6 162.4 243.6

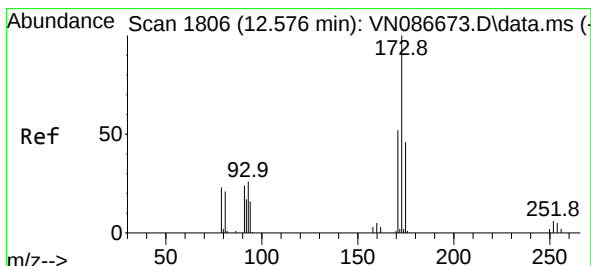
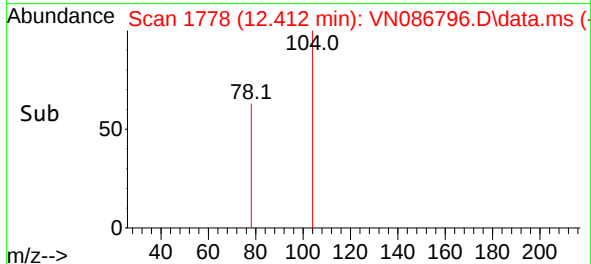
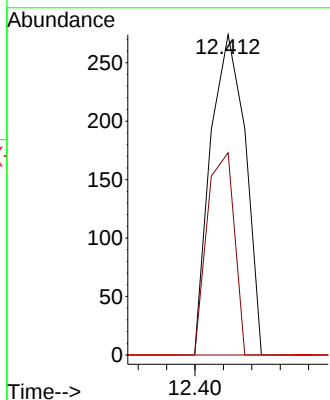
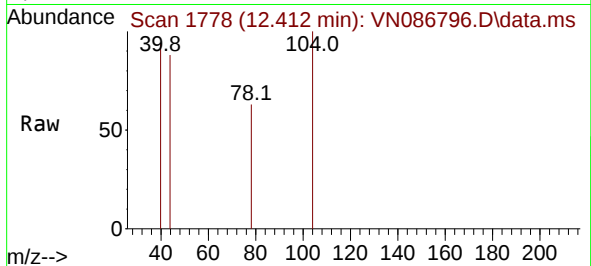




#70
Styrene
Concen: 0.029 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

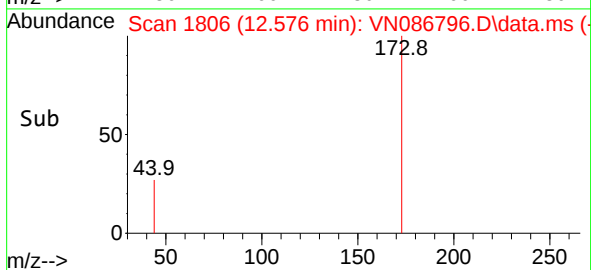
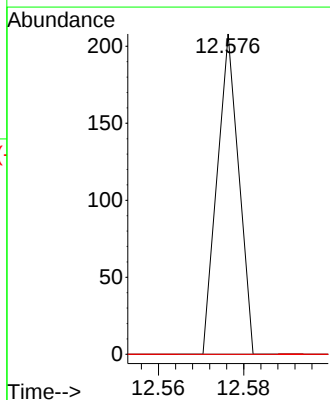
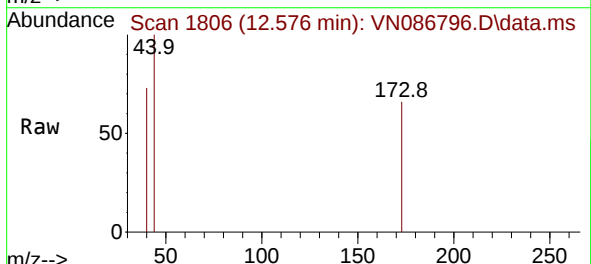
Instrument :
MSVOA_N
ClientSampleId :
IBLK

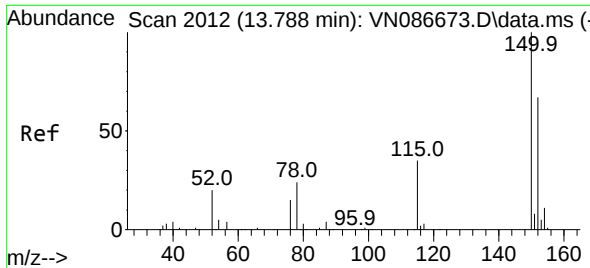
Tgt Ion:104 Resp: 233
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 0.0 43.8 65.8#



#71
Bromoform
Concen: 0.041 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion:173 Resp: 73
Ion Ratio Lower Upper
173 100
175 0.0 23.4 70.2#
254 0.0 0.0 0.0

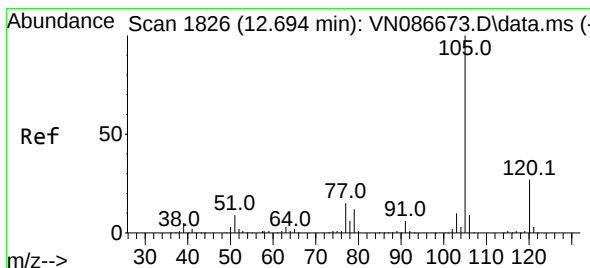
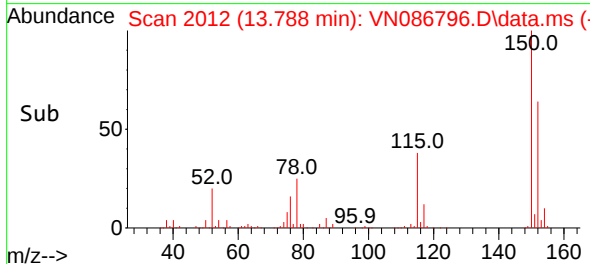
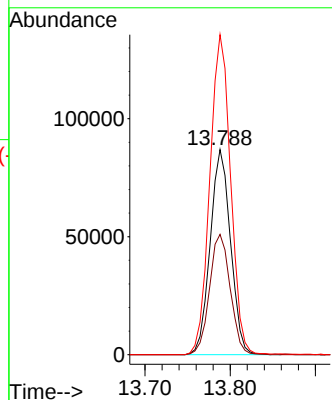
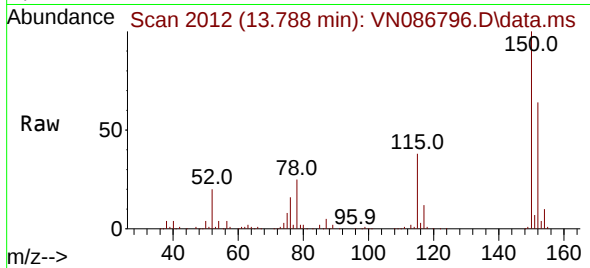




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

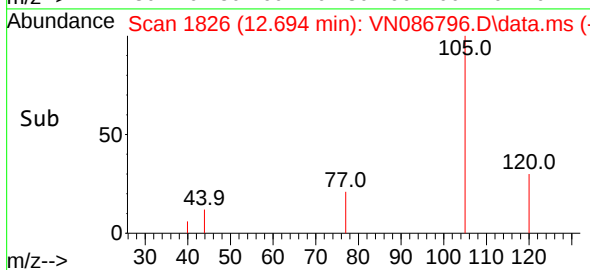
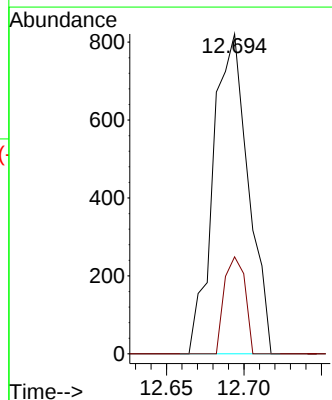
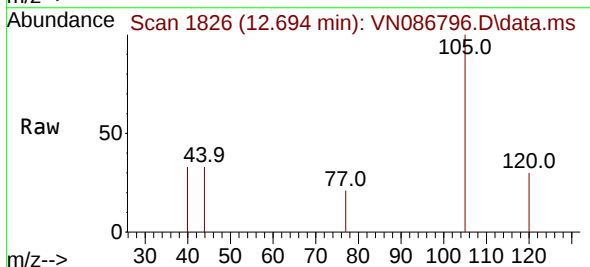
Instrument :
MSVOA_N
ClientSampleId :
IBLK

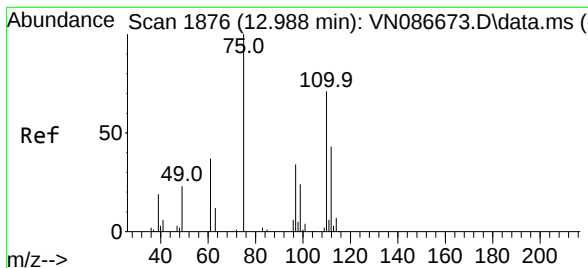
Tgt Ion:152 Resp: 144601
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 158.8 0.0 347.8



#73
Isopropylbenzene
Concen: 0.116 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion:105 Resp: 1291
Ion Ratio Lower Upper
105 100
120 17.9 13.4 40.1

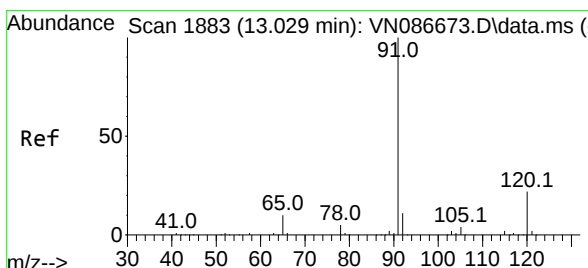
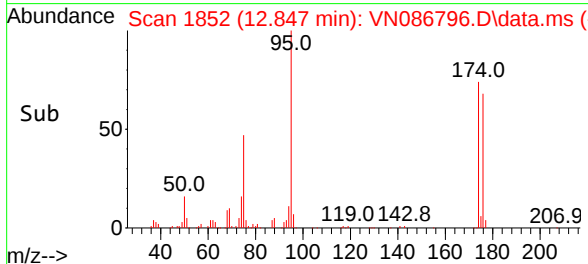
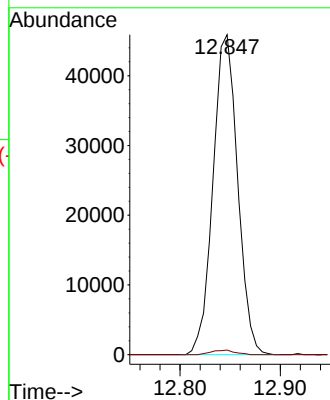
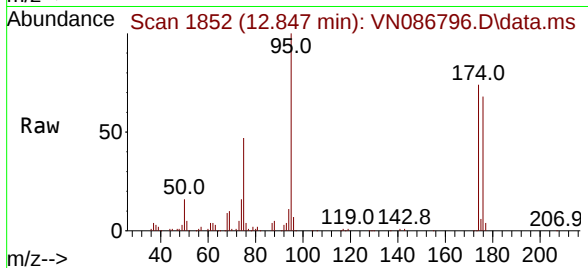




#76
1,2,3-Trichloropropane
Concen: 23.973 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

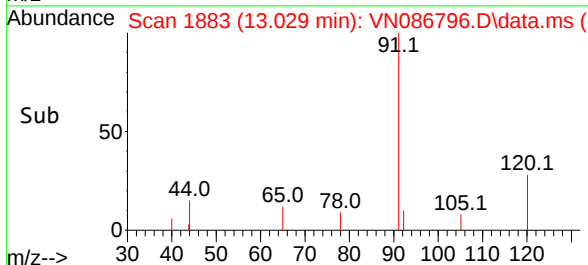
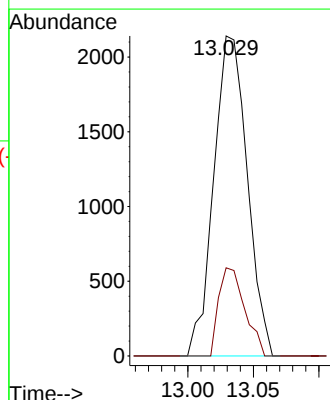
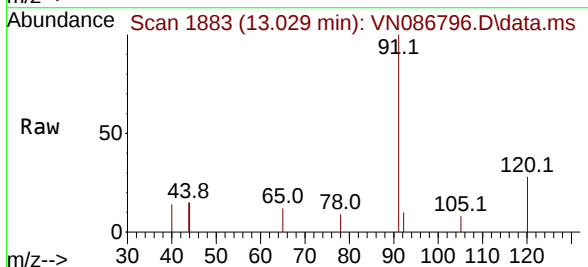
Instrument :
MSVOA_N
ClientSampleId :
IBLK

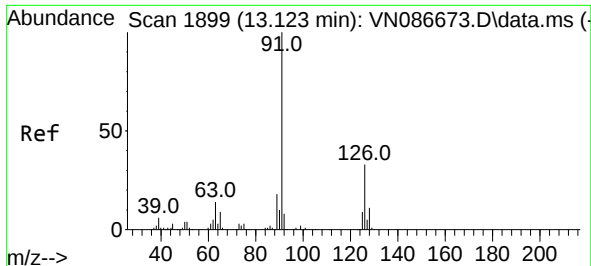
Tgt Ion: 75 Resp: 78398
Ion Ratio Lower Upper
75 100
77 1.4 96.0 288.1#



#78
n-propylbenzene
Concen: 0.297 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 91 Resp: 3806
Ion Ratio Lower Upper
91 100
120 21.4 11.4 34.1

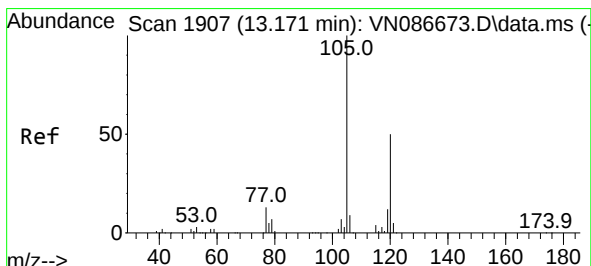
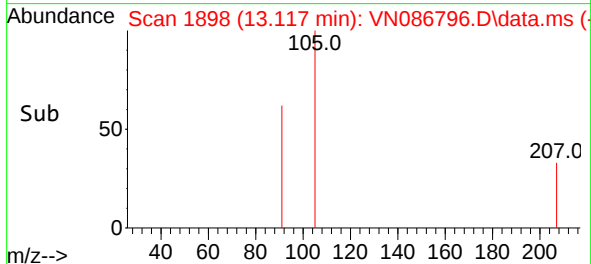
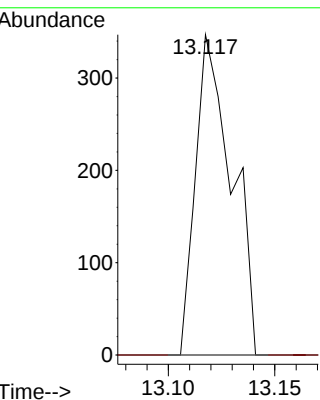
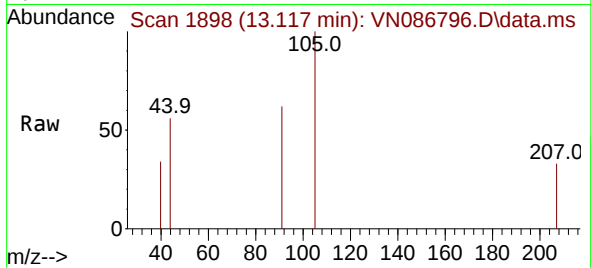




#79
2-Chlorotoluene
Concen: 0.049 ug/l
RT: 13.117 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

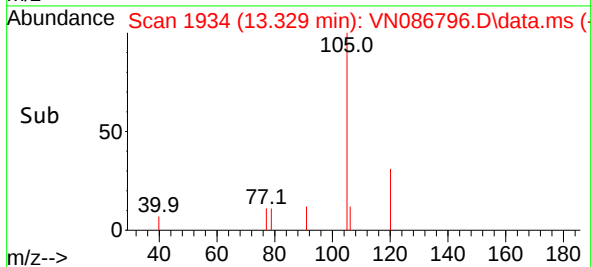
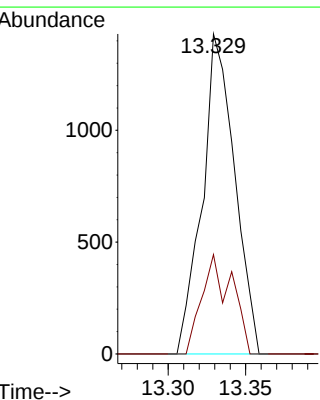
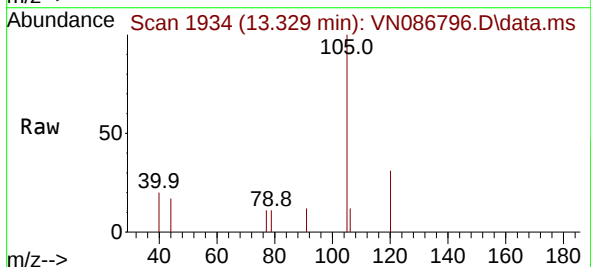
Instrument :
MSVOA_N
ClientSampleId :
IBLK

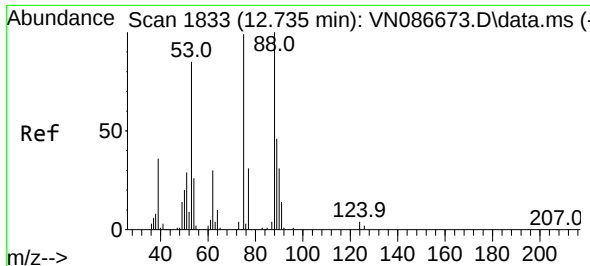
Tgt Ion: 91 Resp: 411
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 0.232 ug/l
RT: 13.329 min Scan# 1934
Delta R.T. 0.159 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 105 Resp: 2080
Ion Ratio Lower Upper
105 100
120 28.7 24.9 74.6

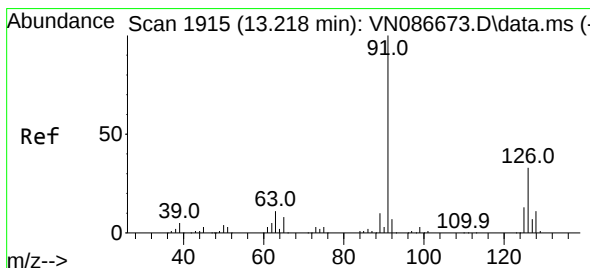
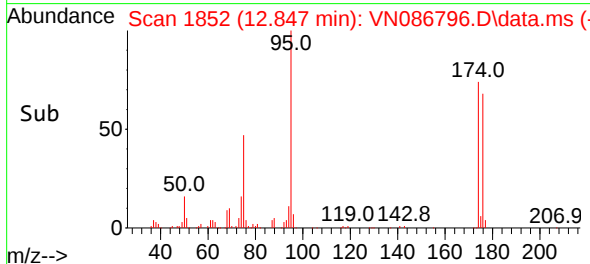
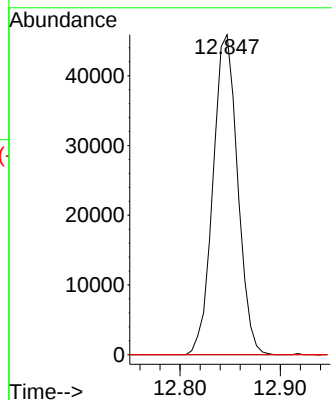
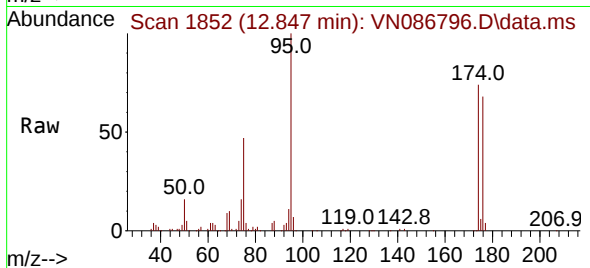




#81
trans-1,4-Dichloro-2-butene
Concen: 60.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

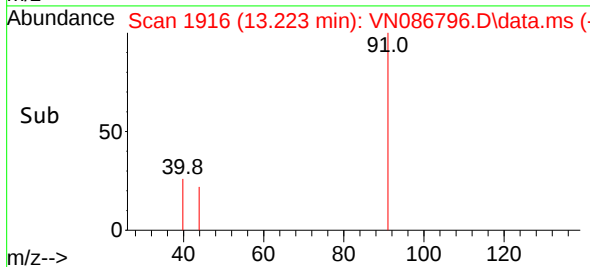
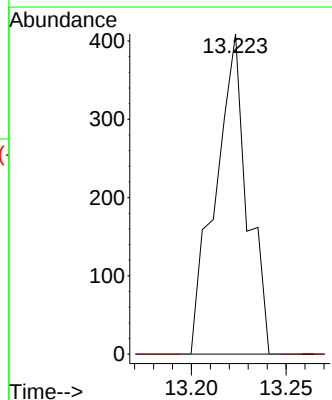
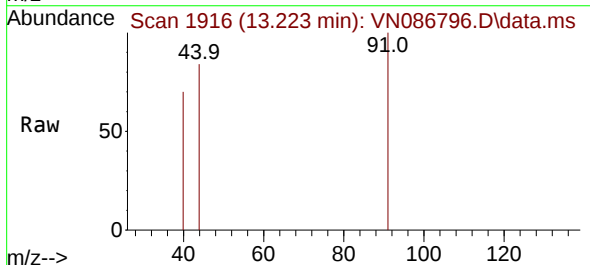
Instrument :
MSVOA_N
ClientSampleId :
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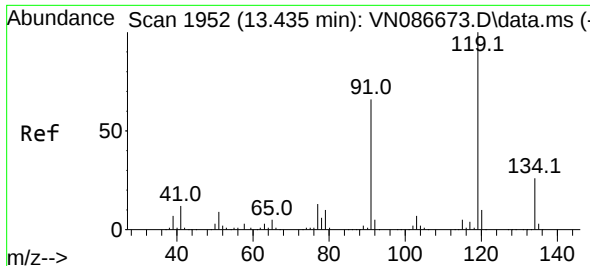
Tgt Ion: 75 Resp: 78398
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 32.4 48.6#



#82
4-Chlorotoluene
Concen: 0.058 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 91 Resp: 481
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#

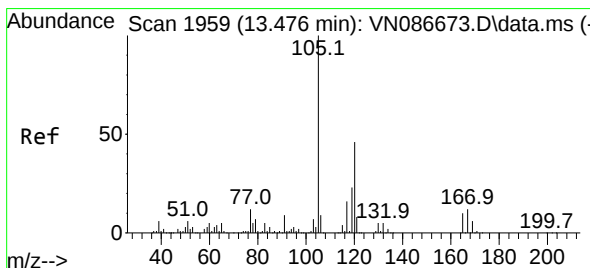
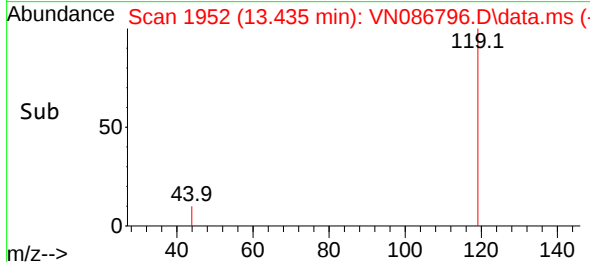
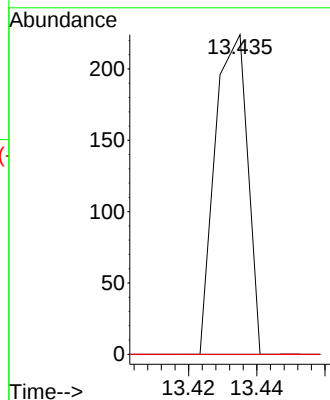
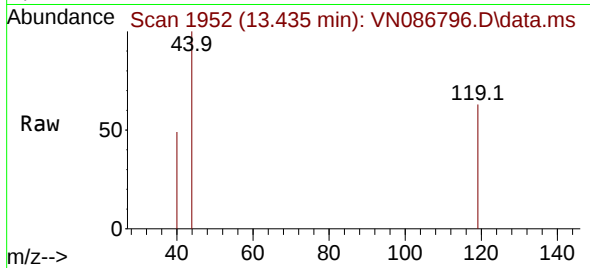




#83
tert-Butylbenzene
Concen: 0.019 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

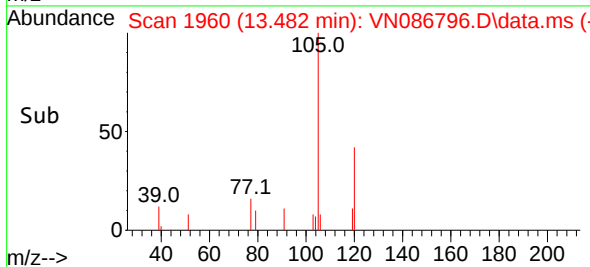
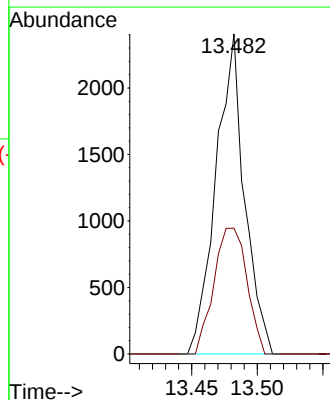
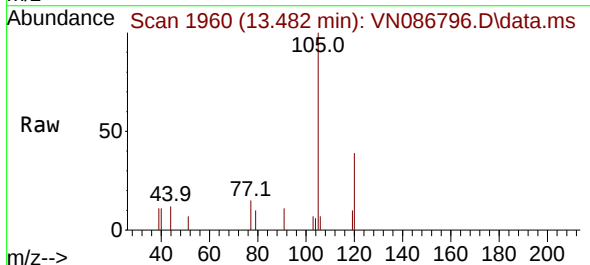
Instrument :
MSVOA_N
ClientSampleId :
IBLK

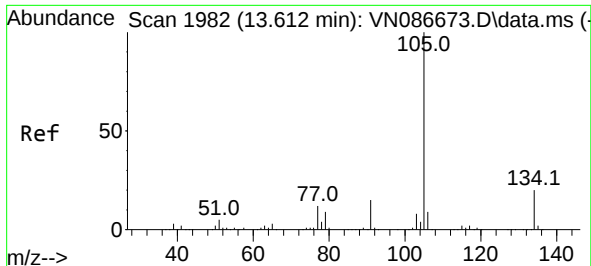
Tgt Ion:119 Resp: 148
Ion Ratio Lower Upper
119 100
91 0.0 32.9 98.7#
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.409 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion:105 Resp: 3641
Ion Ratio Lower Upper
105 100
120 45.5 23.2 69.6

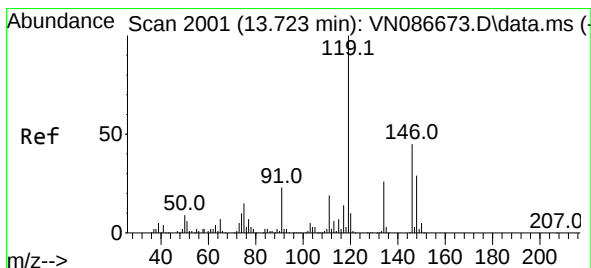
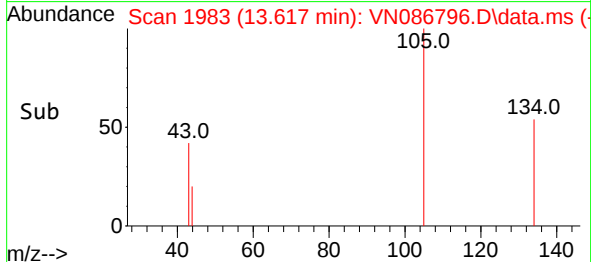
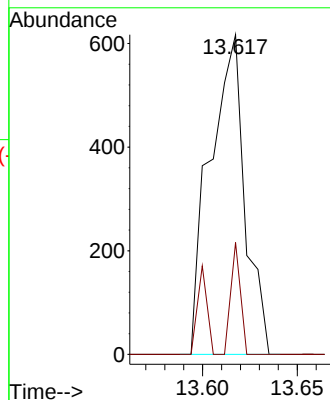
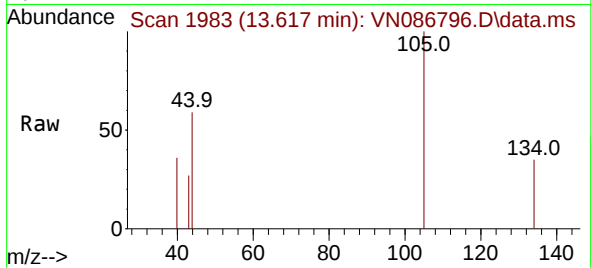




#85
 sec-Butylbenzene
 Concen: 0.076 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086796.D
 Acq: 28 May 2025 13:47

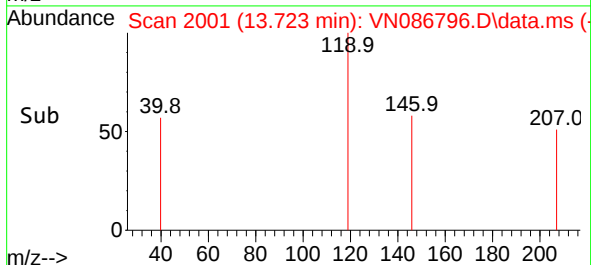
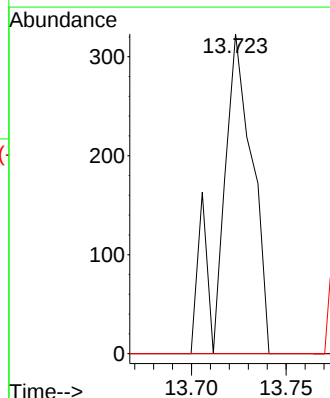
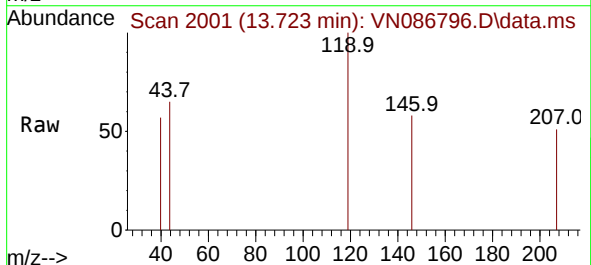
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

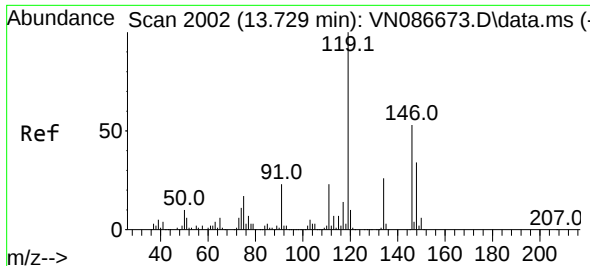
Tgt Ion:105 Resp: 790
 Ion Ratio Lower Upper
 105 100
 134 9.6 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 0.043 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086796.D
 Acq: 28 May 2025 13:47

Tgt Ion:119 Resp: 371
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.1#
 91 0.0 11.5 34.5#





#87

1,3-Dichlorobenzene

Concen: 0.058 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

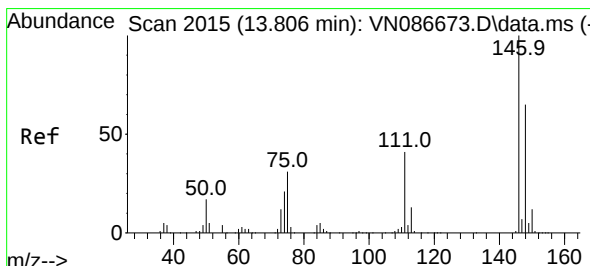
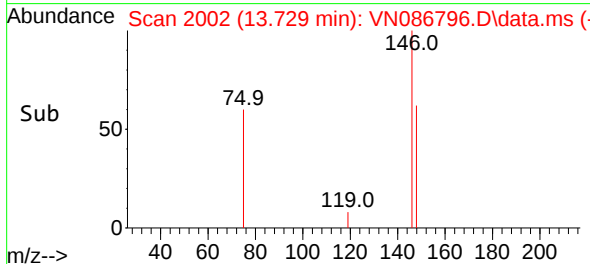
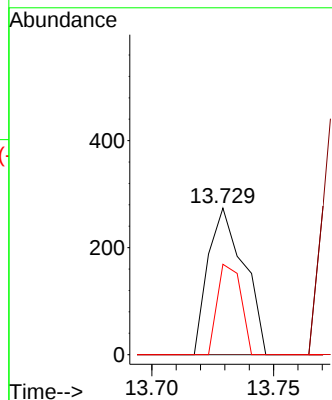
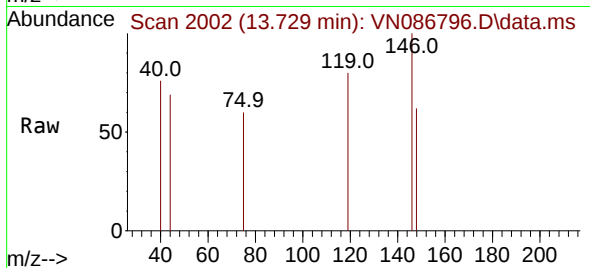
Tgt Ion:146 Resp: 282

Ion Ratio Lower Upper

146 100

111 0.0 20.9 62.7#

148 40.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 0.099 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

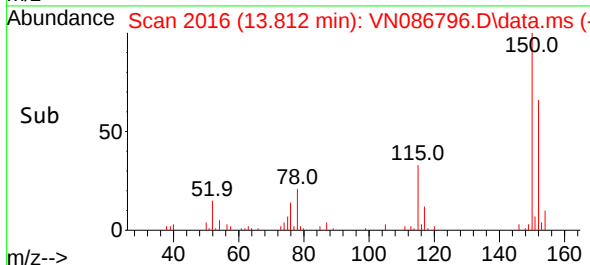
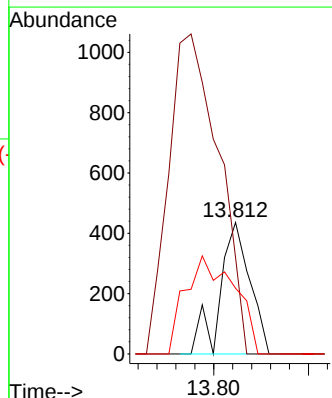
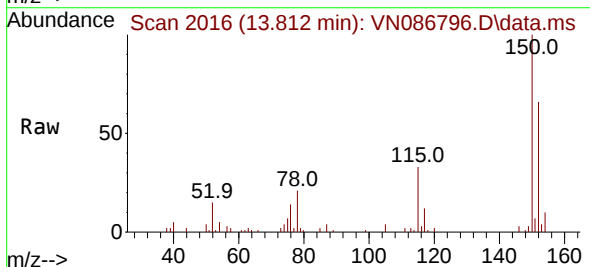
Tgt Ion:146 Resp: 477

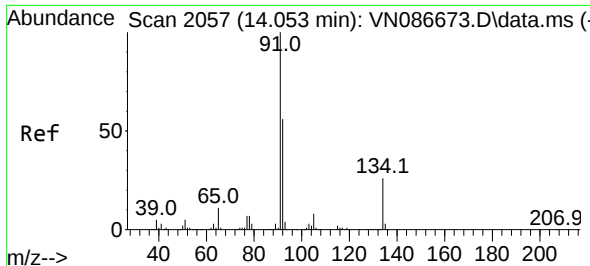
Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

148 0.0 32.0 96.0#

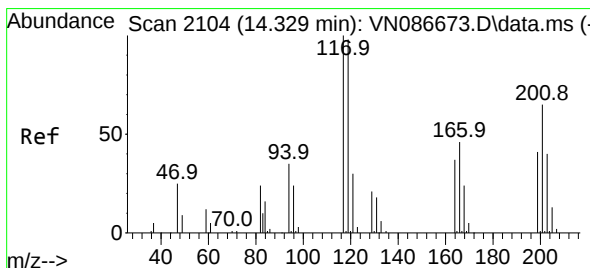
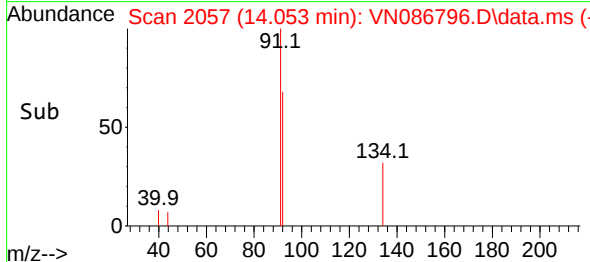
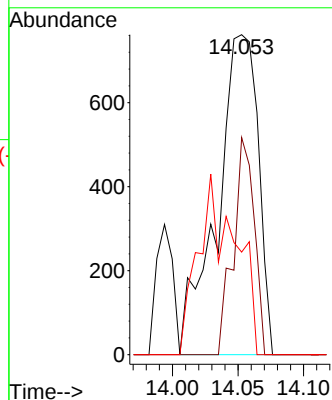
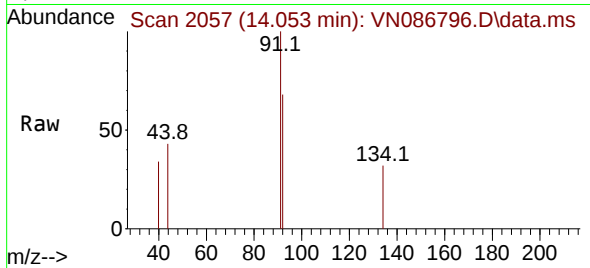




#89
n-Butylbenzene
Concen: 0.233 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

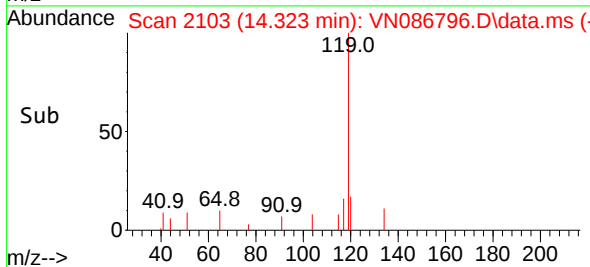
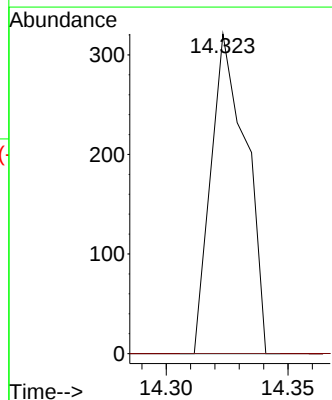
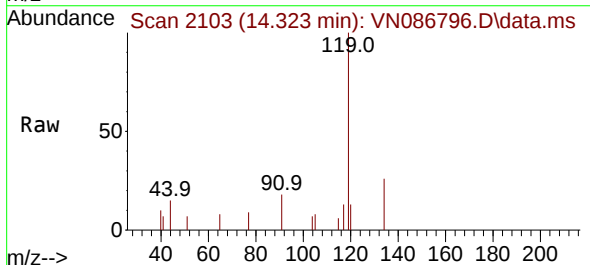
Instrument :
MSVOA_N
ClientSampleId :
IBLK

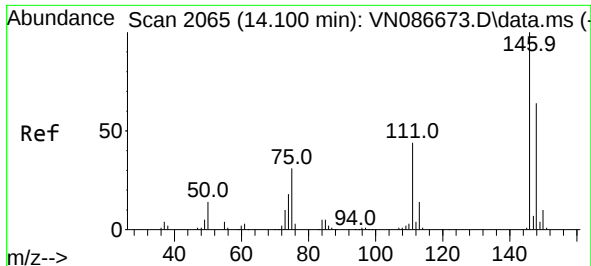
Tgt Ion: 91 Resp: 1656
Ion Ratio Lower Upper
91 100
92 34.6 27.4 82.0
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 0.226 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

Tgt Ion: 117 Resp: 322
Ion Ratio Lower Upper
117 100
201 0.0 32.0 96.0#





#91

1,2-Dichlorobenzene

Concen: 0.059 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

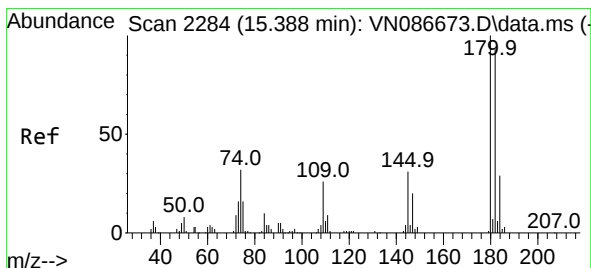
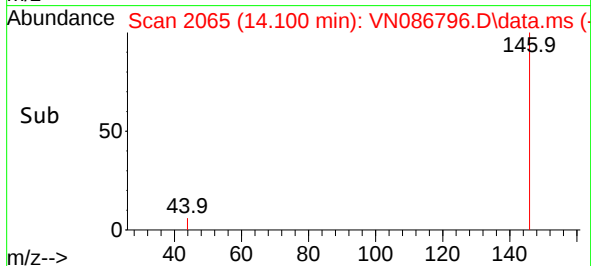
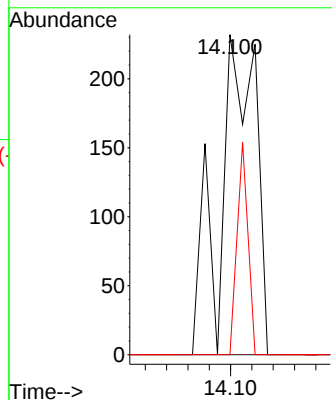
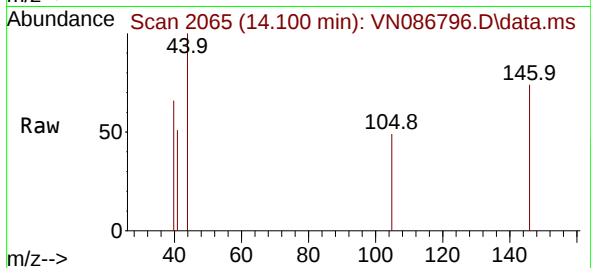
Tgt Ion:146 Resp: 274

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

148 19.7 31.7 95.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.183 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN086796.D

Acq: 28 May 2025 13:47

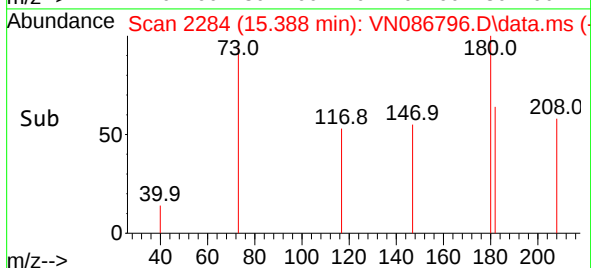
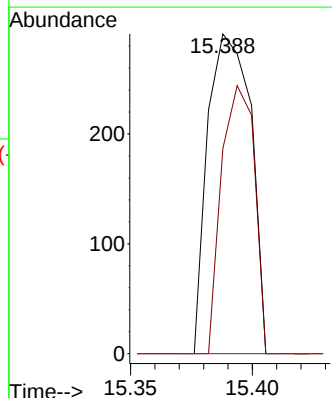
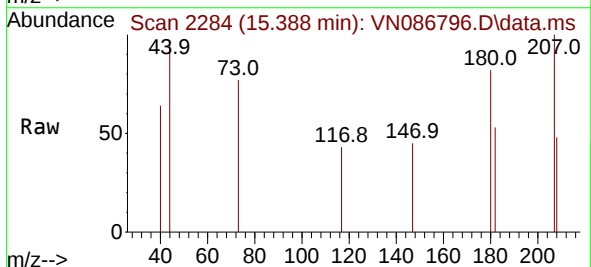
Tgt Ion:180 Resp: 357

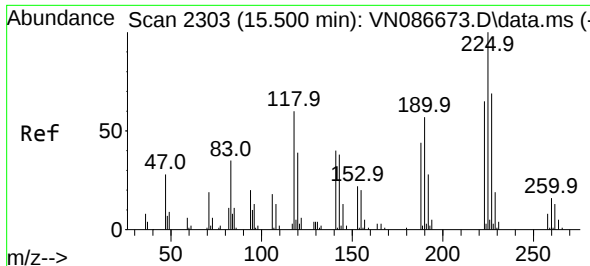
Ion Ratio Lower Upper

180 100

182 64.1 47.1 141.3

145 0.0 15.6 46.8#

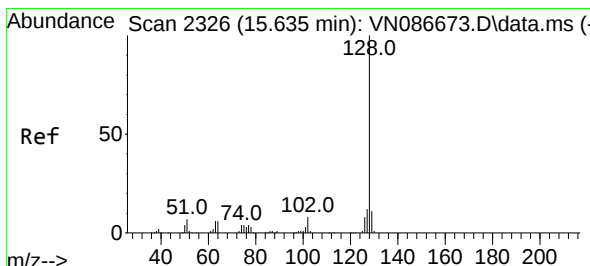
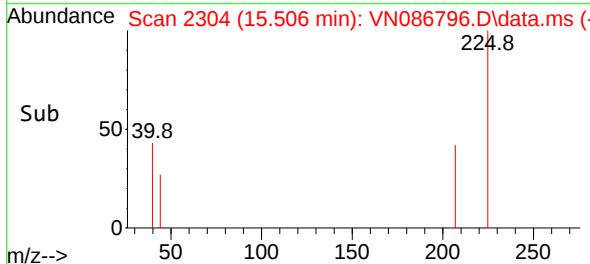
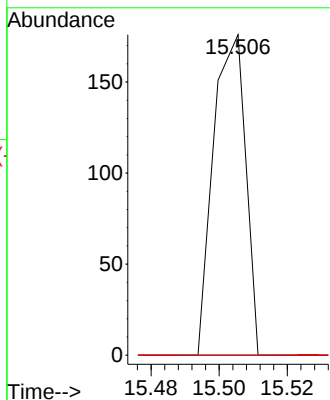
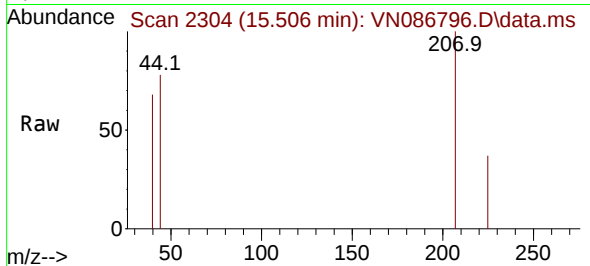




#94
Hexachlorobutadiene
Concen: 0.142 ug/l
RT: 15.506 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

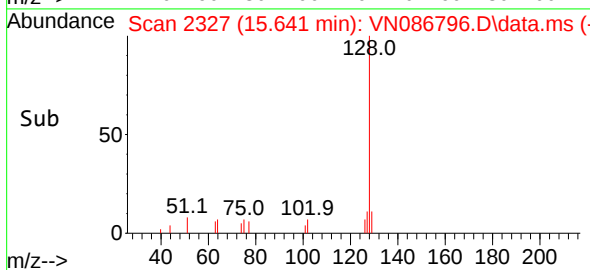
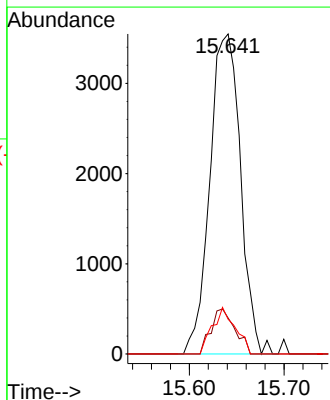
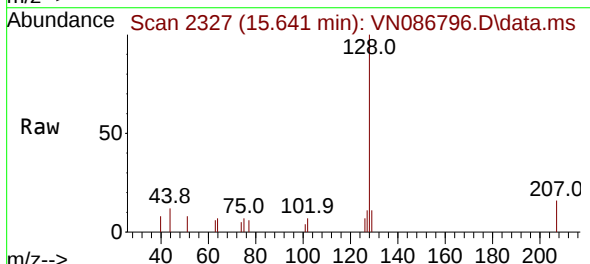
Instrument :
MSVOA_N
ClientSampleId :
IBLK

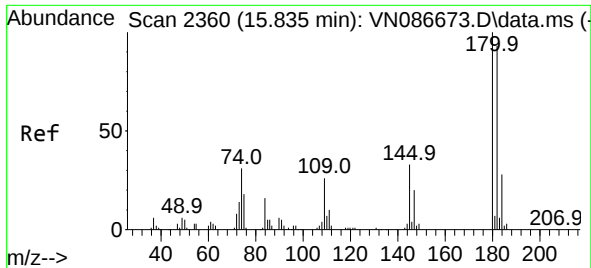
Tgt Ion:	225	Resp:	115
Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.9	98.6#
227	0.0	32.4	97.2#



#95
Naphthalene
Concen: 1.175 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086796.D
Acq: 28 May 2025 13:47

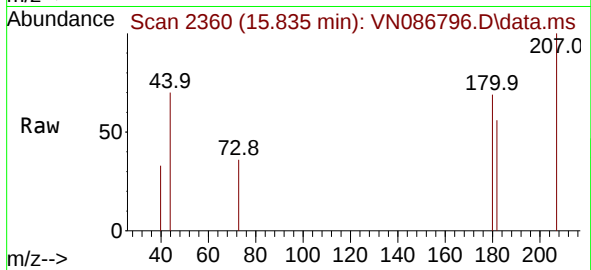
Tgt Ion:	128	Resp:	7969
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.1	15.1
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.139 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086796.D
 Acq: 28 May 2025 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 265
 Ion Ratio Lower Upper
 180 100
 182 65.3 47.0 141.2
 145 0.0 16.7 50.1#

