

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086559.D
 Acq On : 09 May 2025 13:55
 Operator : JC\MD
 Sample : Q1980-04
 Misc : 1.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3848

Quant Time: May 09 23:27:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	192249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	350006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125258	44.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.860%
35) Dibromofluoromethane	8.159	113	99773	61.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	122.840%
50) Toluene-d8	10.565	98	462686	53.294	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.847	95	175609	55.457	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.920%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	6555	1.979	ug/l	96
10) Methyl Iodide	4.565	142	4591	1.972	ug/l	91
13) Acrolein	4.177	56	59	Below Cal	#	13
16) Acetone	4.436	43	165045	169.394	ug/l	99
17) Carbon Disulfide	4.677	76	9281	1.370	ug/l	# 95
18) Methyl Acetate	5.042	43	9087	2.715	ug/l	95
20) Methylene Chloride	5.253	84	861	0.334	ug/l	# 61
25) 2-Butanone	7.488	43	2302	1.327	ug/l	# 48
29) Tetrahydrofuran	7.853	42	574	0.495	ug/l	# 32
31) Cyclohexane	8.212	56	306994	67.951	ug/l	# 46
36) 1,1-Dichloropropene	8.218	75	16084	4.957	ug/l	# 62
37) Ethyl Acetate	7.488	43	2302	0.674	ug/l	# 68
38) Carbon Tetrachloride	8.218	117	19687	6.372	ug/l	# 15
39) Methylcyclohexane	9.594	83	319936	82.961	ug/l	99
40) Benzene	8.600	78	7665	0.737	ug/l	98
41) Methacrylonitrile	8.000	41	20753	10.483	ug/l	# 52
43) Isopropyl Acetate	8.694	43	183211	28.851	ug/l	# 55
45) 1,2-Dichloropropane	9.594	63	3059	1.202	ug/l	# 1
48) Methyl methacrylate	9.594	41	142216	47.411	ug/l	# 79
51) 4-Methyl-2-Pentanone	10.335	43	62276	17.804	ug/l	# 41
53) t-1,3-Dichloropropene	10.629	75	345773	88.460	ug/l	# 1
55) 1,1,2-Trichloroethane	11.000	97	88781	38.043	ug/l	# 22
56) Ethyl methacrylate	10.859	69	11348	2.645	ug/l	# 26
59) 2-Hexanone	11.165	43	106347	40.990	ug/l	# 28
60) Dibromochloromethane	11.100	129	114178	44.554	ug/l	# 11
61) 1,2-Dibromoethane	11.582	107	675	0.287	ug/l	94
64) Tetrachloroethene	11.100	164	118925	47.566	ug/l	98
65) Chlorobenzene	11.788	112	2047	0.282	ug/l	# 43
67) Ethyl Benzene	11.959	91	4128454	315.402	ug/l	99
68) m/p-Xylenes	12.065	106	6933498	1413.672	ug/l	91
69) o-Xylene	12.394	106	1981776	408.583	ug/l	96
70) Styrene	12.394	104	93960	11.626	ug/l	# 1
71) Bromoform	12.570	173	598	0.332	ug/l	# 28
73) Isopropylbenzene	12.694	105	276599	21.515	ug/l	99
74) N-amyl acetate	12.476	43	267879	41.855	ug/l	# 61
75) 1,1,2,2-Tetrachloroethane	12.923	83	22862	6.185	ug/l	# 25

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 Response via : Initial Calibration

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

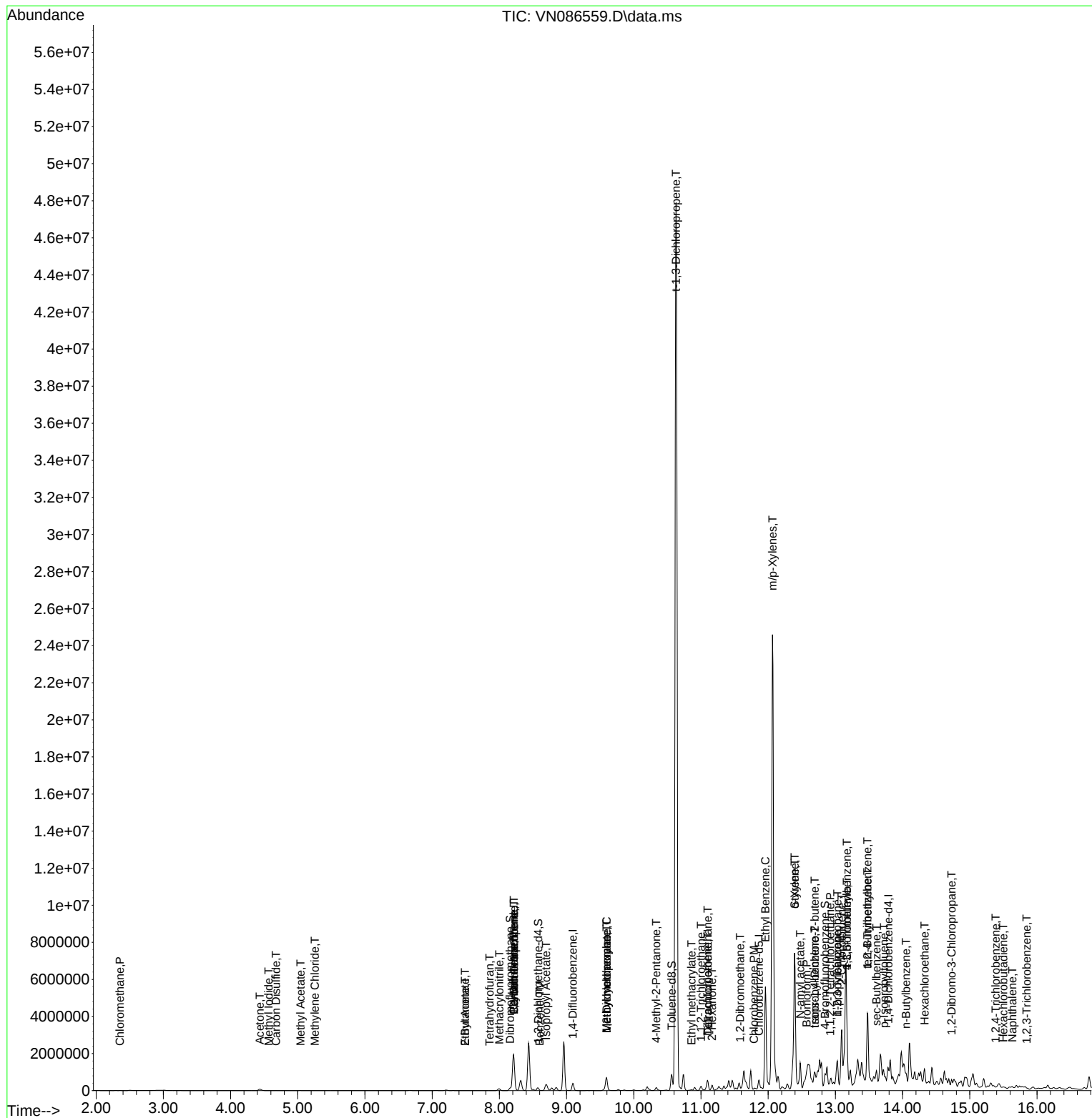
76) 1,2,3-Trichloropropane	13.029	75	4684	1.263	ug/l #	1	
78) n-propylbenzene	13.029	91	809204	53.415	ug/l	98	
79) 2-Chlorotoluene	13.094	91	196726	20.752	ug/l #	43	
80) 1,3,5-Trimethylbenzene	13.170	105	631142	59.980	ug/l	99	
81) trans-1,4-Dichloro-2-b...	12.694	75	3220	2.085	ug/l #	27	
82) 4-Chlorotoluene	13.170	91	69892	7.422	ug/l #	50	
83) tert-Butylbenzene	13.476	119	284255	31.177	ug/l #	76	
84) 1,2,4-Trimethylbenzene	13.476	105	2270049	211.938	ug/l	97	
85) sec-Butylbenzene	13.612	105	338764	26.787	ug/l	85	
86) p-Isopropyltoluene	13.723	119	163084	15.645	ug/l	99	
89) n-Butylbenzene	14.053	91	404391	43.767	ug/l #	76	
90) Hexachloroethane	14.329	117	39361	22.449	ug/l #	19	
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1195	1.603	ug/l #	12	
93) 1,2,4-Trichlorobenzene	15.388	180	1416	0.570	ug/l #	1	
94) Hexachlorobutadiene	15.500	225	385	0.410	ug/l	86	
95) Naphthalene	15.635	128	72276	8.201	ug/l #	92	
96) 1,2,3-Trichlorobenzene	15.847	180	821	0.349	ug/l #	43	

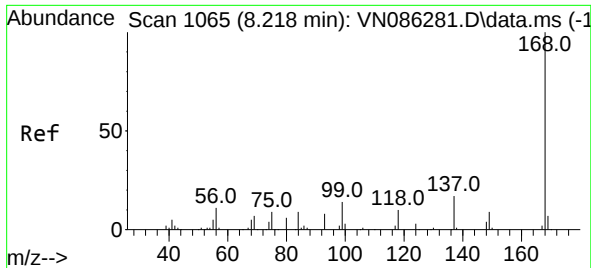
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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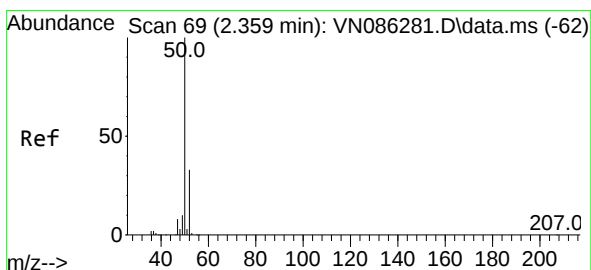
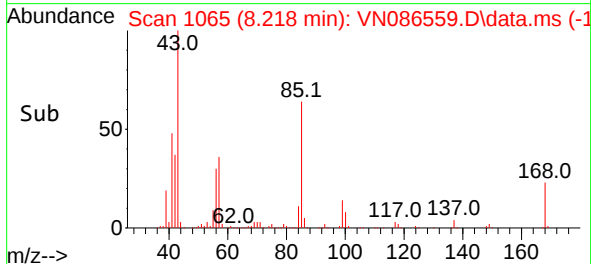
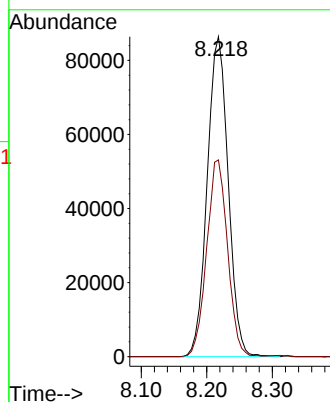
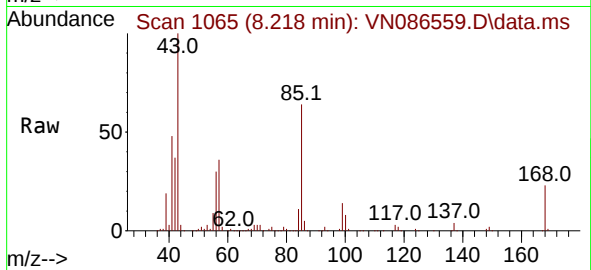




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

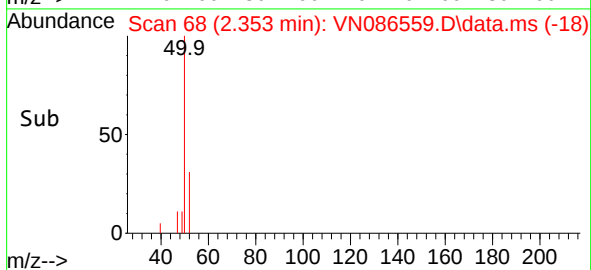
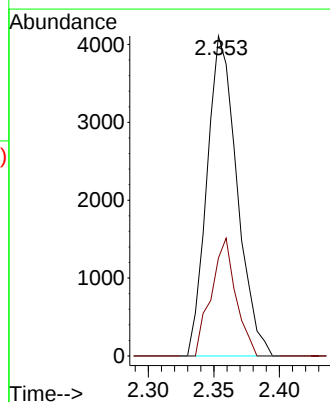
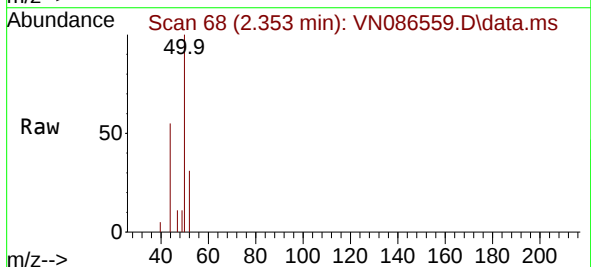
Instrument :
MSVOA_N
ClientSampleId :
3848

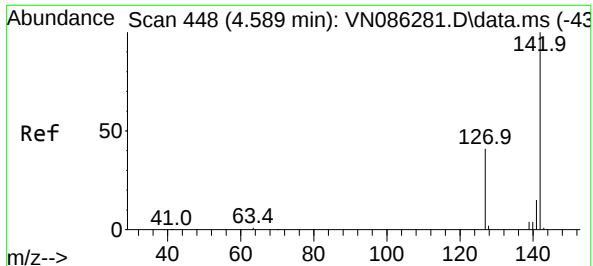
Tgt Ion:168 Resp: 192249
Ion Ratio Lower Upper
168 100
99 61.5 52.5 78.7



#3
Chloromethane
Concen: 1.979 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

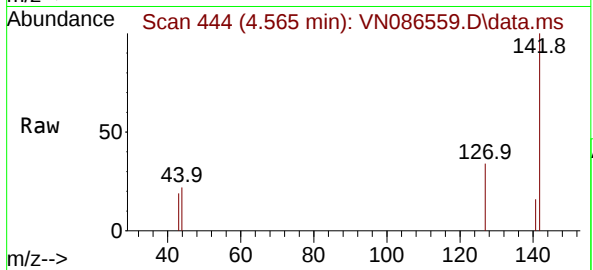
Tgt Ion: 50 Resp: 6555
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7



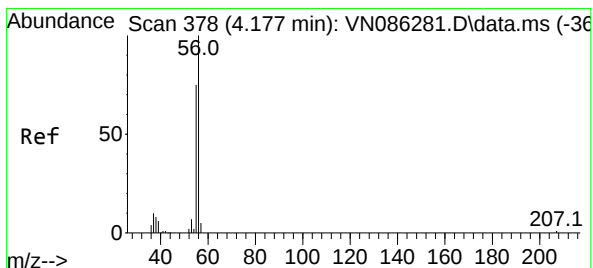
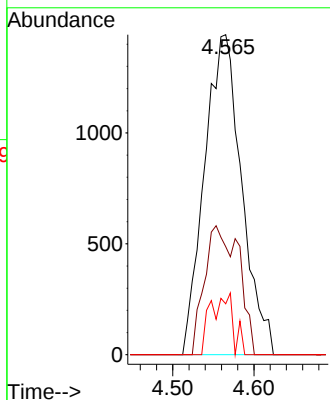
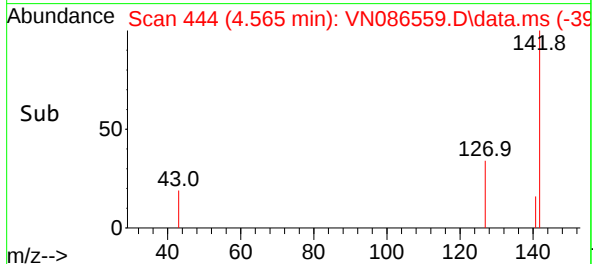


#10
Methyl Iodide
Concen: 1.972 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.024 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
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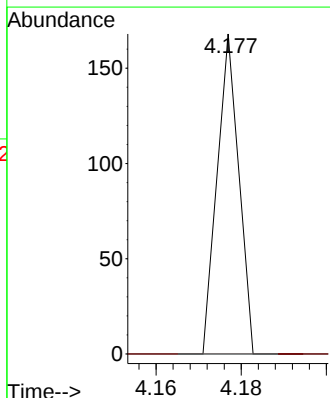
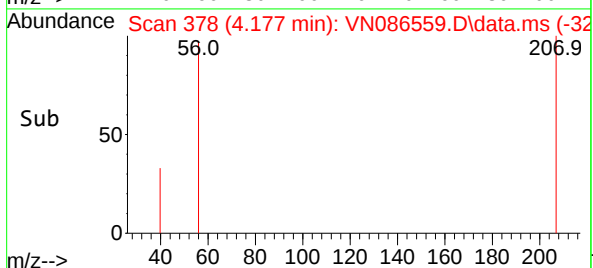
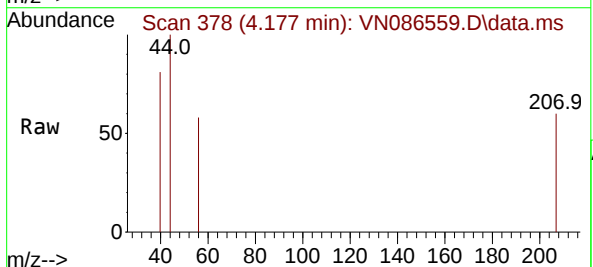


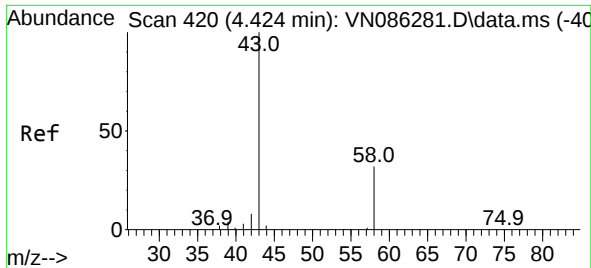
Tgt Ion:142 Resp: 4591
Ion Ratio Lower Upper
142 100
127 33.7 32.7 49.1
141 15.9 11.7 17.5



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 58.5 87.7#

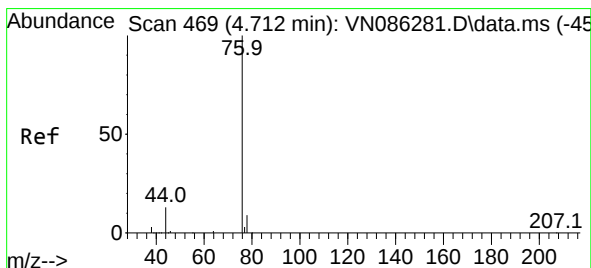
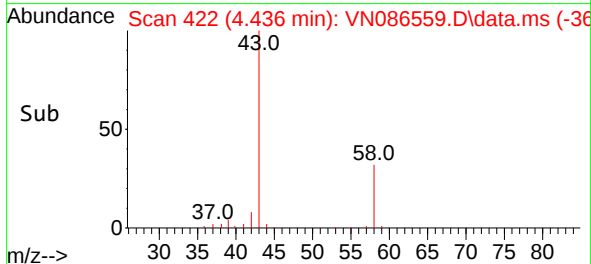
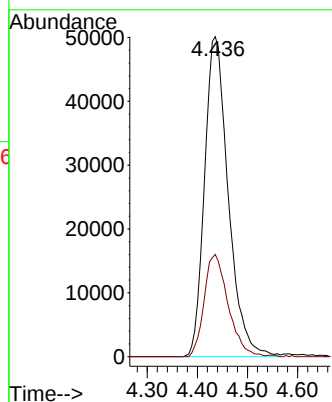
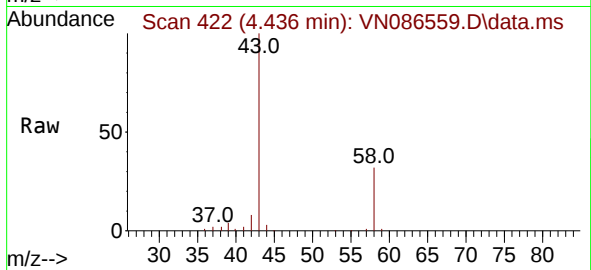




#16
Acetone
Concen: 169.394 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

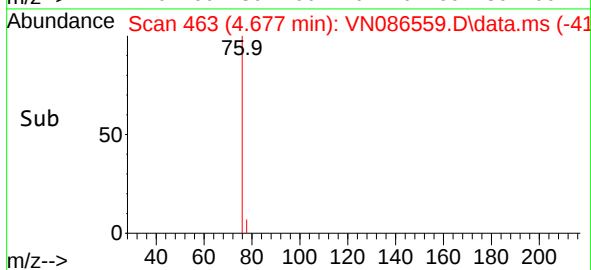
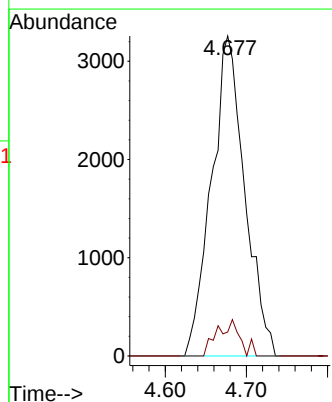
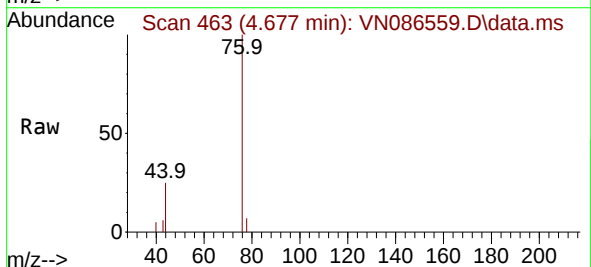
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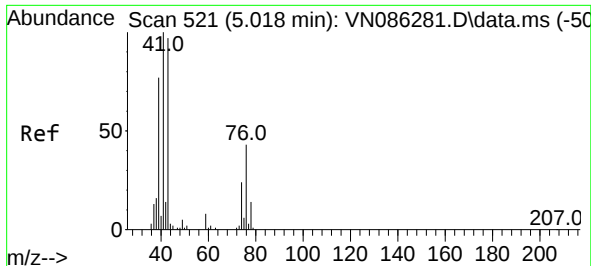
Tgt Ion: 43 Resp: 165045
Ion Ratio Lower Upper
43 100
58 32.0 25.3 37.9



#17
Carbon Disulfide
Concen: 1.370 ug/l
RT: 4.677 min Scan# 463
Delta R.T. -0.035 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 76 Resp: 9281
Ion Ratio Lower Upper
76 100
78 7.5 7.6 11.4#

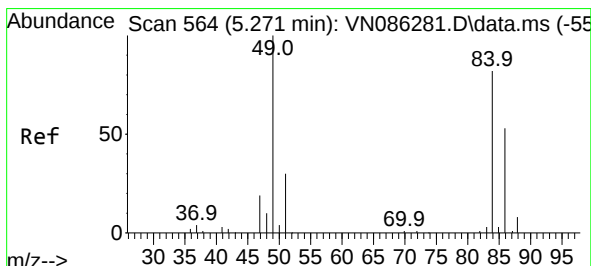
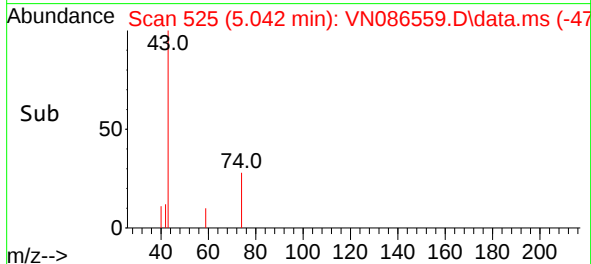
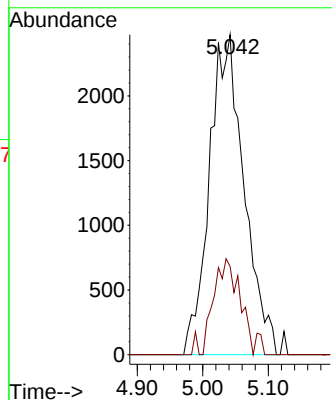
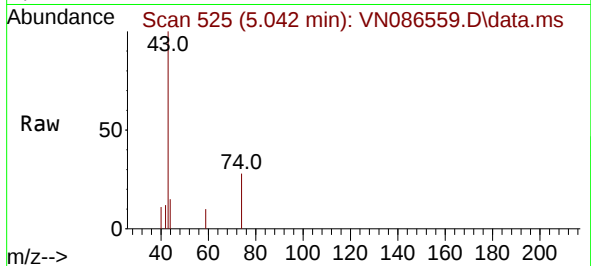




#18
Methyl Acetate
Concen: 2.715 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

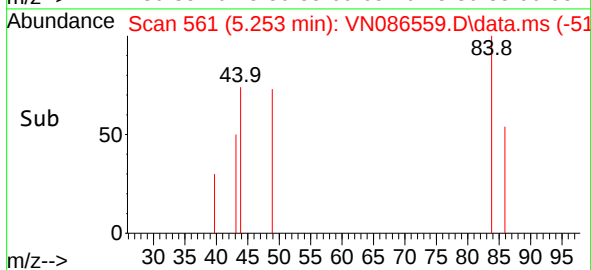
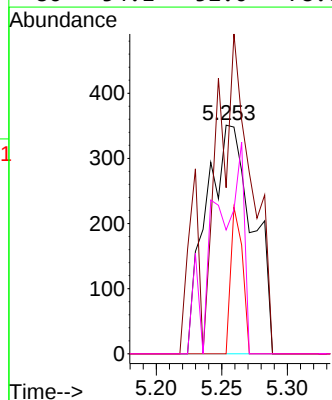
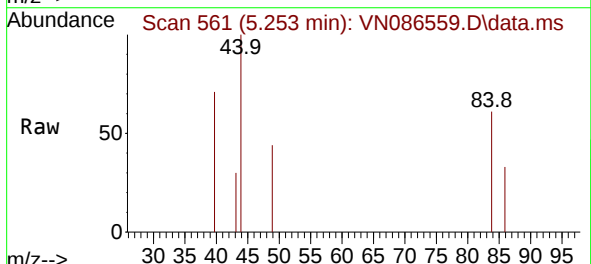
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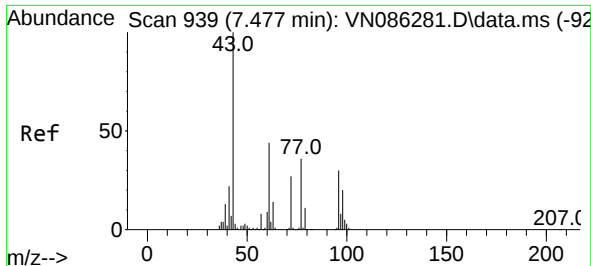
Tgt Ion: 43 Resp: 9087
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.6



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.018 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 84 Resp: 861
Ion Ratio Lower Upper
84 100
49 72.6 98.2 147.2#
51 0.0 29.8 44.6#
86 54.1 52.0 78.0

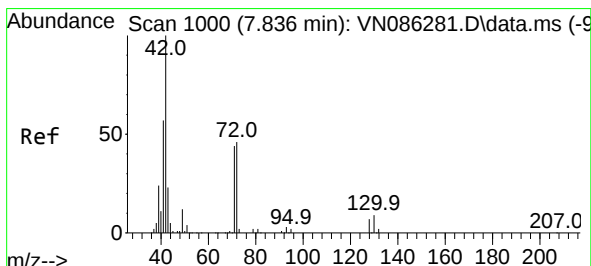
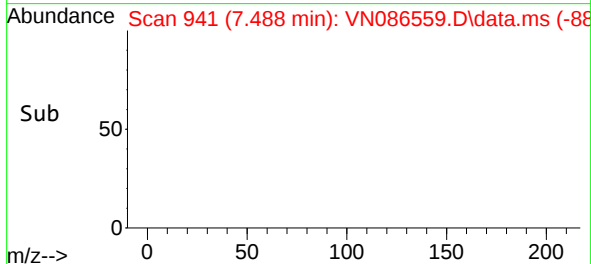
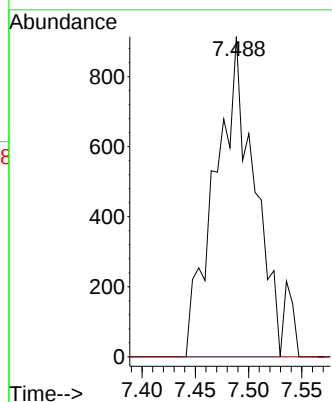
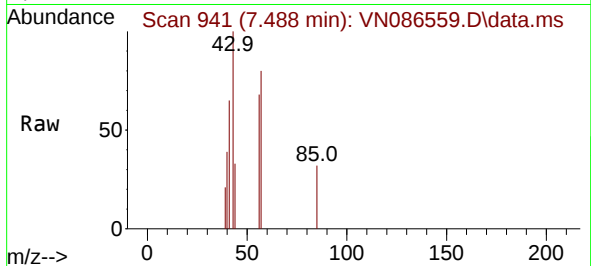




#25
2-Butanone
Concen: 1.327 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
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Acq: 09 May 2025 13:55

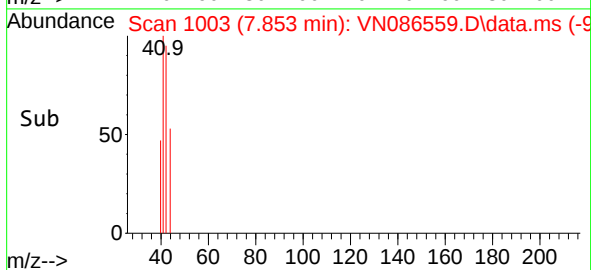
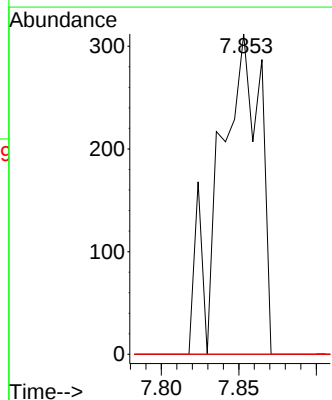
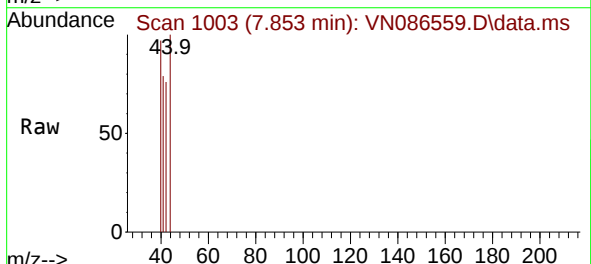
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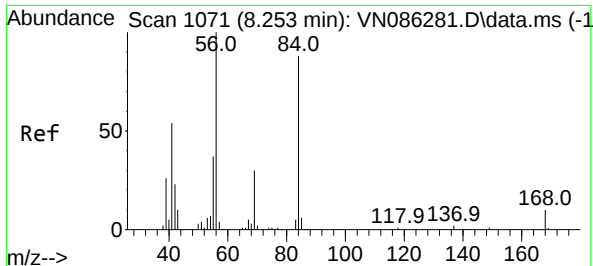
Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.495 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

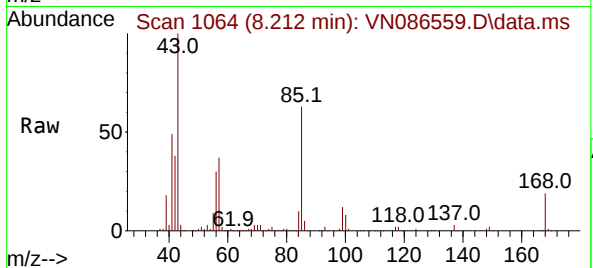
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Ion Ratio Lower Upper
42 100
72 0.0 36.2 54.4#
71 0.0 34.0 51.0#



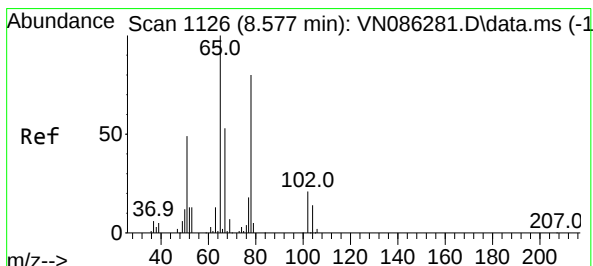
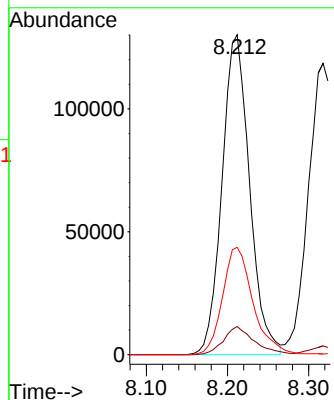
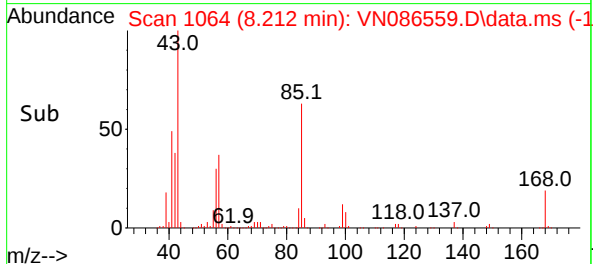


#31
Cyclohexane
Concen: 67.951 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

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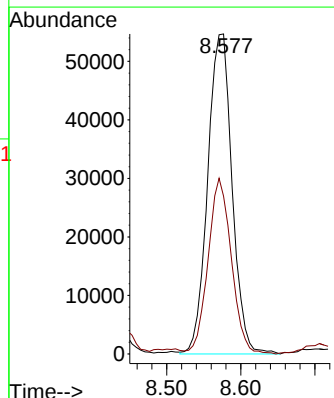
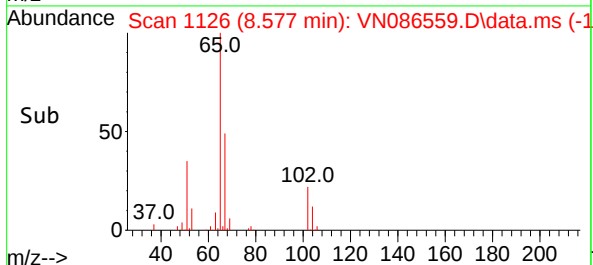
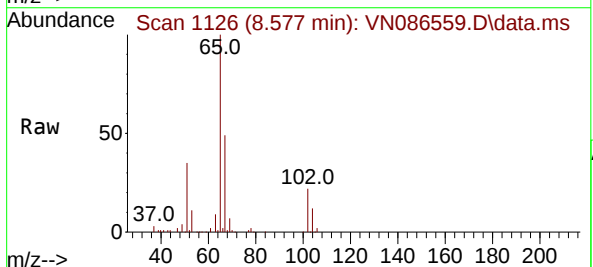


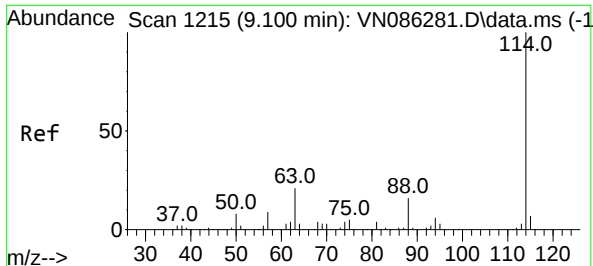
Tgt Ion: 56 Resp: 306994
Ion Ratio Lower Upper
56 100
69 8.8 24.2 36.2#
84 33.6 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 44.931 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 65 Resp: 125258
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

3848

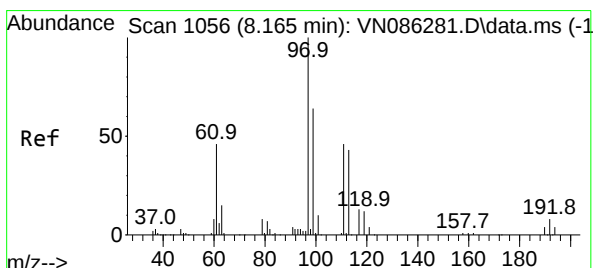
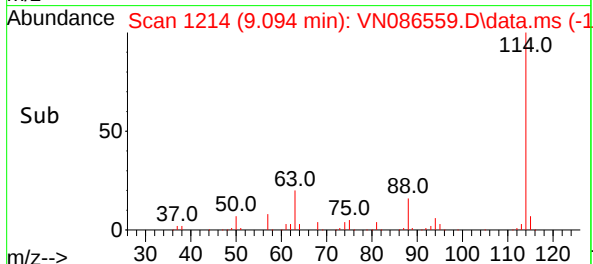
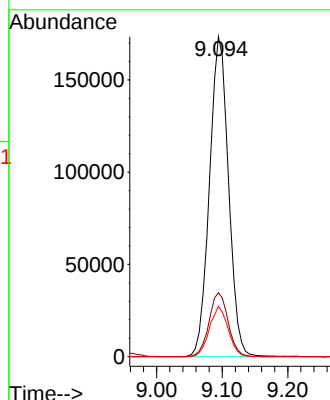
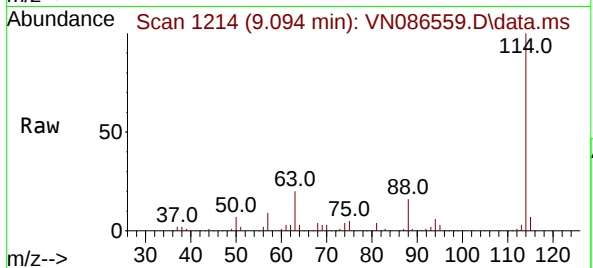
Tgt Ion:114 Resp: 350006

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.421 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

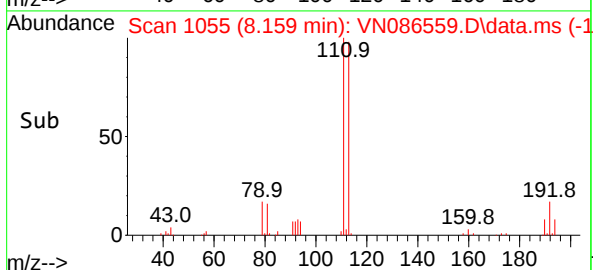
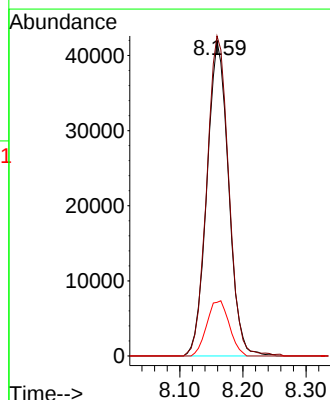
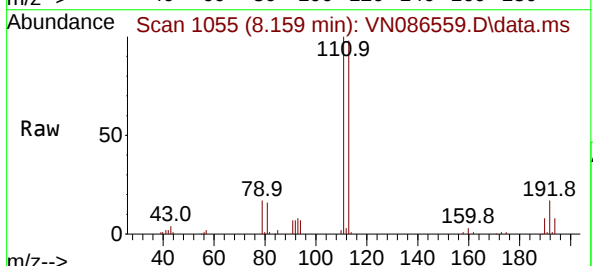
Tgt Ion:113 Resp: 99773

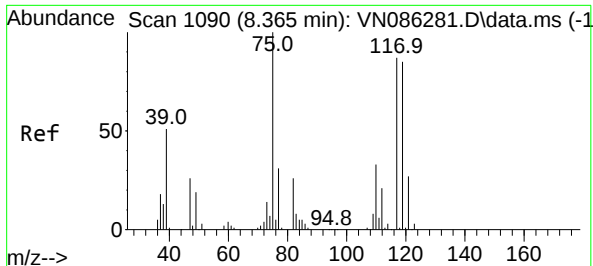
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.0

192 18.1 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

3848

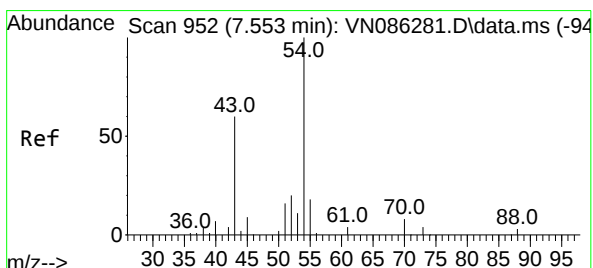
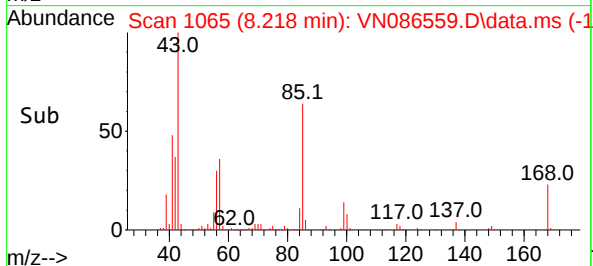
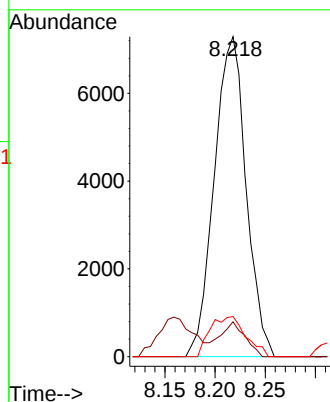
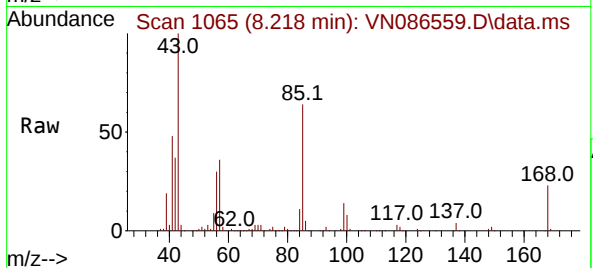
Tgt Ion: 75 Resp: 16084

Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.4#

77 14.1 24.9 37.3#



#37

Ethyl Acetate

Concen: 0.674 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.065 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

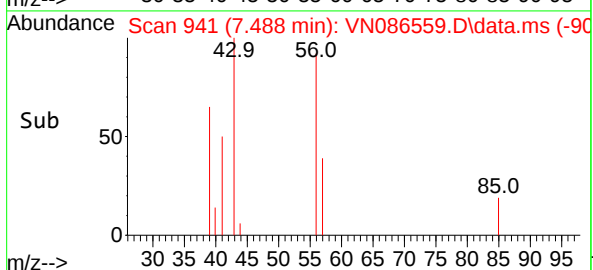
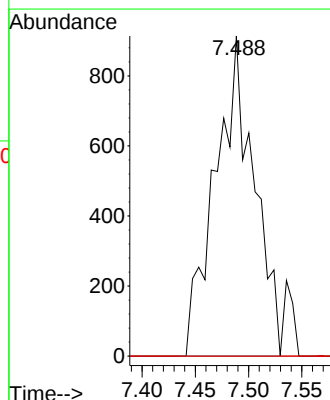
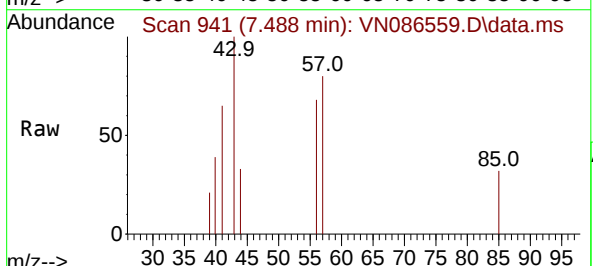
Tgt Ion: 43 Resp: 2302

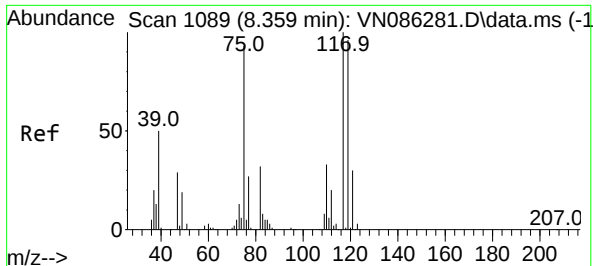
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

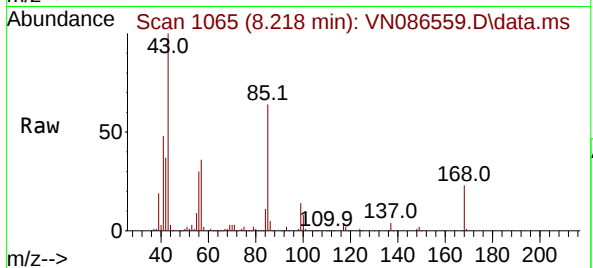
70 0.0 9.2 13.8#



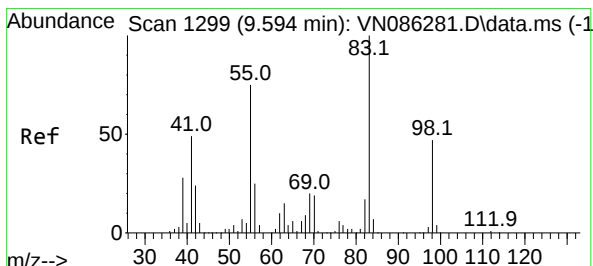
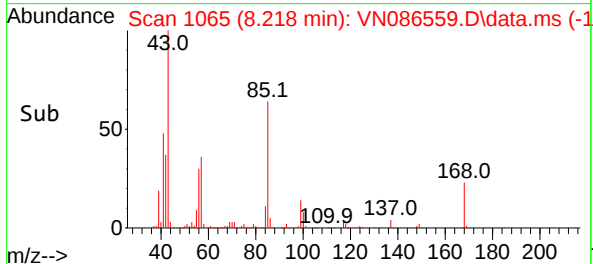
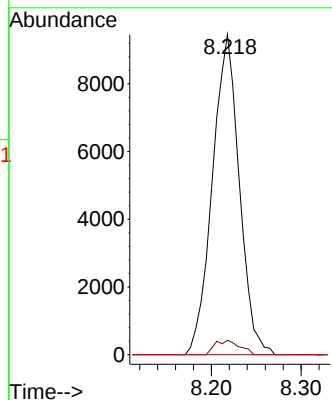


#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
3848

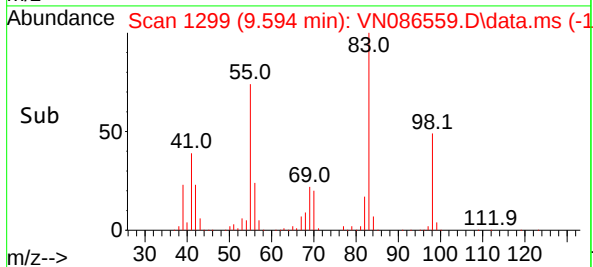
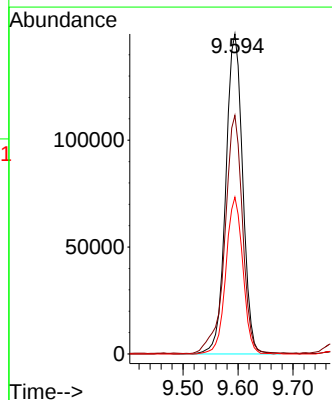
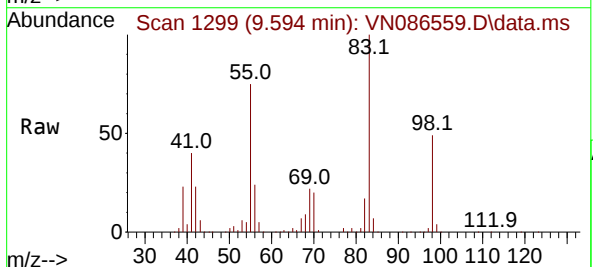


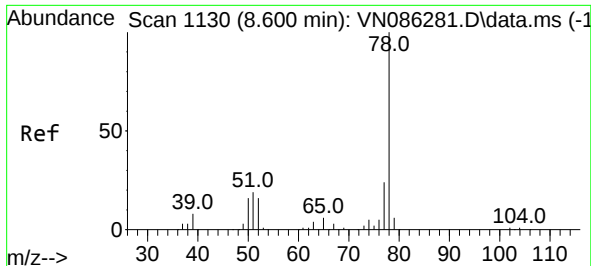
Tgt Ion:117 Resp: 19687
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 82.961 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 83 Resp: 319936
Ion Ratio Lower Upper
83 100
55 74.3 59.8 89.8
98 49.0 37.9 56.9

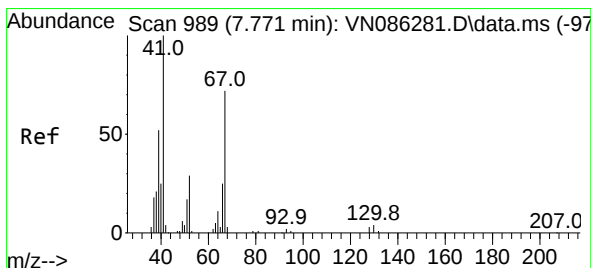
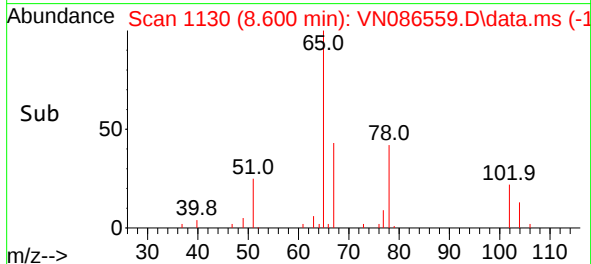
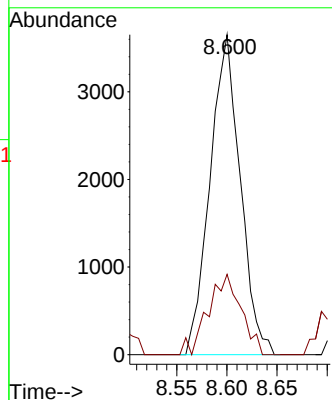
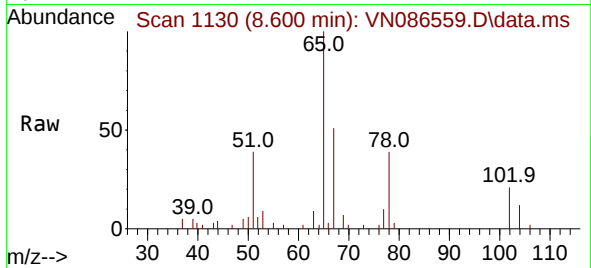




#40
Benzene
Concen: 0.737 ug/l
RT: 8.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

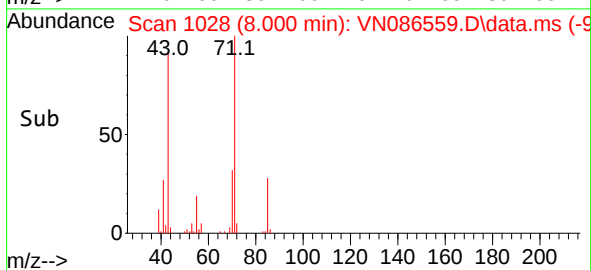
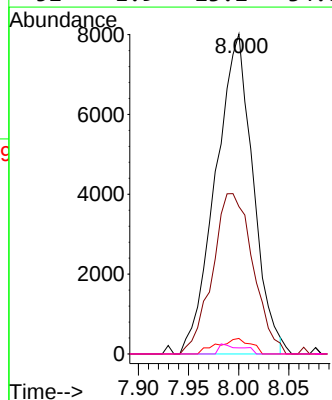
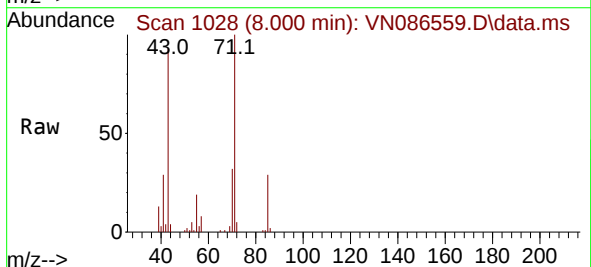
Instrument :
MSVOA_N
ClientSampleId :
3848

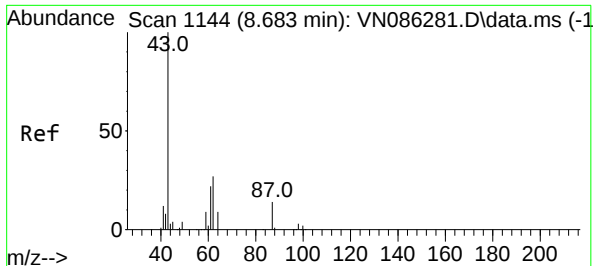
Tgt Ion: 78 Resp: 7665
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.2



#41
Methacrylonitrile
Concen: 10.483 ug/l
RT: 8.000 min Scan# 1028
Delta R.T. 0.229 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 41 Resp: 20753
Ion Ratio Lower Upper
41 100
39 54.3 43.0 64.4
67 4.3 58.8 88.2#
52 1.9 23.2 34.8#

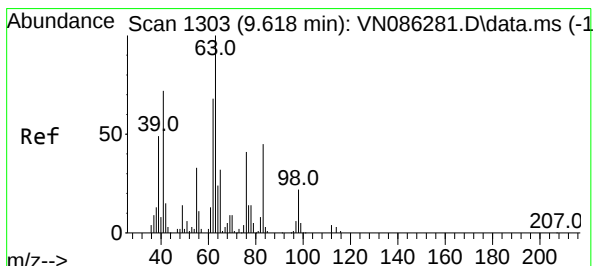
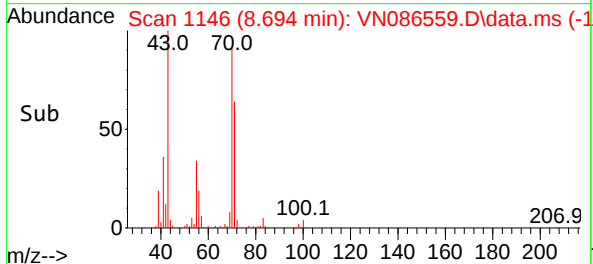
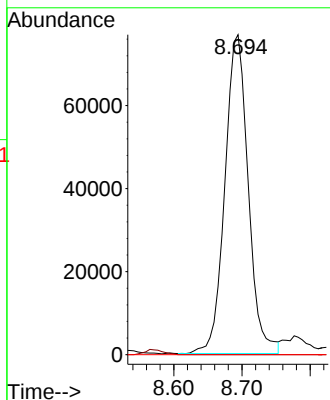
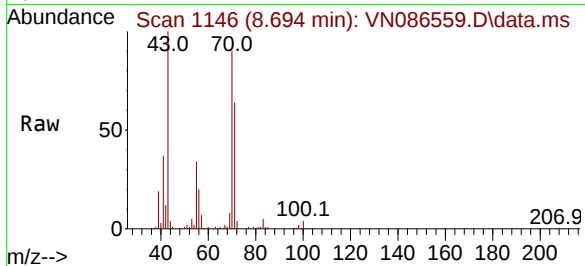




#43
Isopropyl Acetate
Concen: 28.851 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.011 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

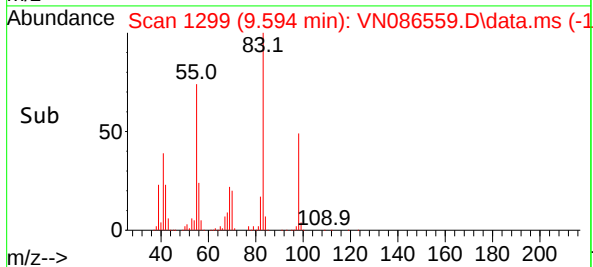
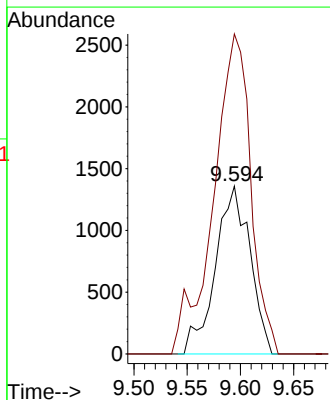
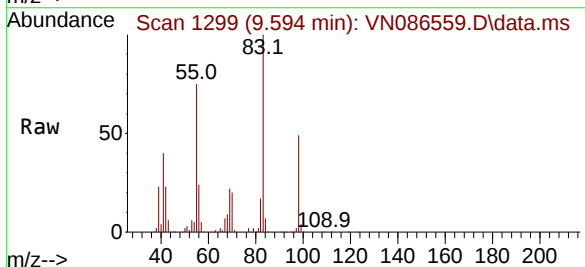
Instrument :
MSVOA_N
ClientSampleId :
3848

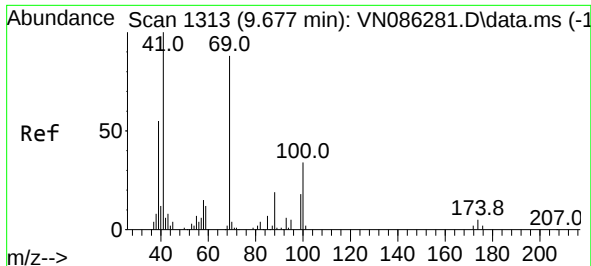
Tgt Ion: 43 Resp: 183211
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 1.202 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.024 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 63 Resp: 3059
Ion Ratio Lower Upper
63 100
65 190.6 25.4 38.2#

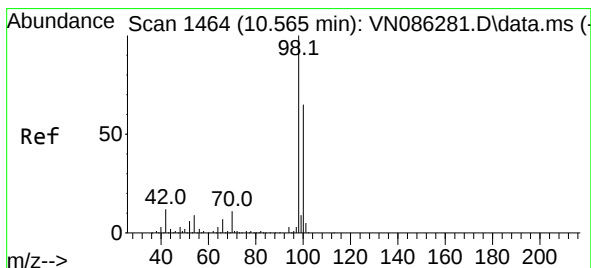
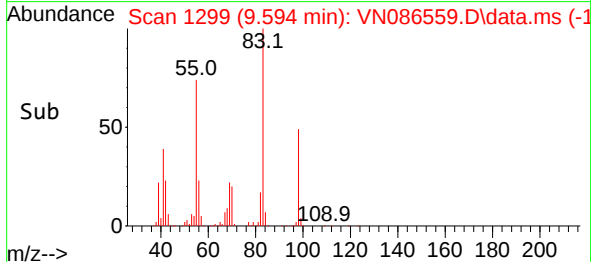
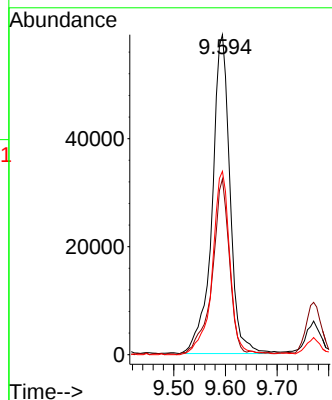
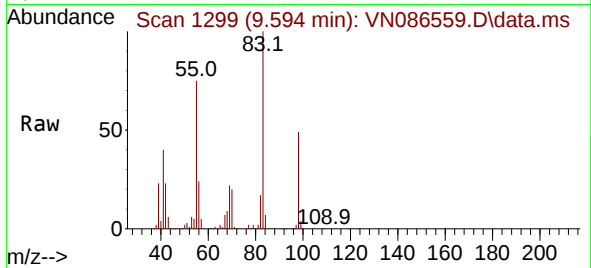




#48
Methyl methacrylate
Concen: 47.411 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.082 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

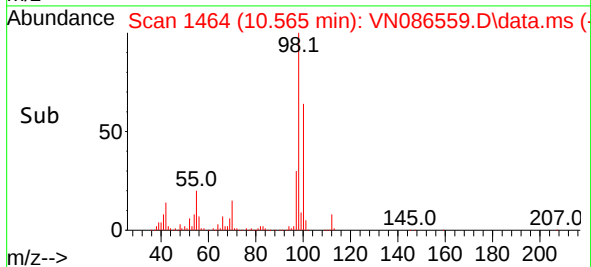
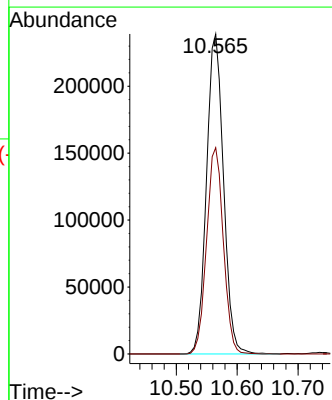
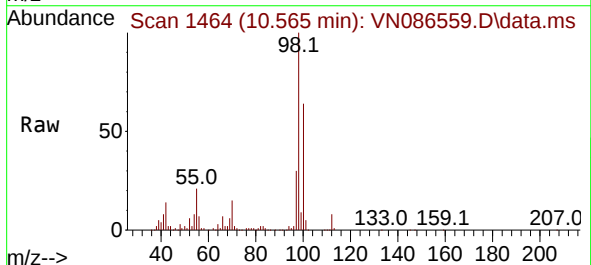
Instrument :
MSVOA_N
ClientSampleId :
3848

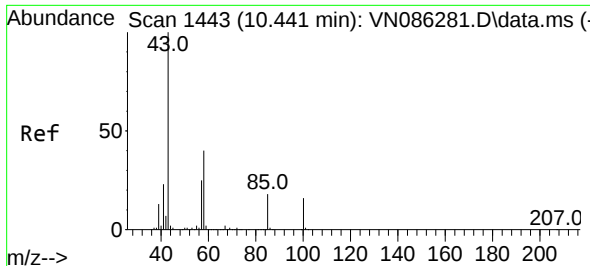
Tgt Ion: 41 Resp: 142216
Ion Ratio Lower Upper
41 100
69 52.9 68.2 102.2#
39 56.5 45.2 67.8



#50
Toluene-d8
Concen: 53.294 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 98 Resp: 462686
Ion Ratio Lower Upper
98 100
100 63.6 52.5 78.7

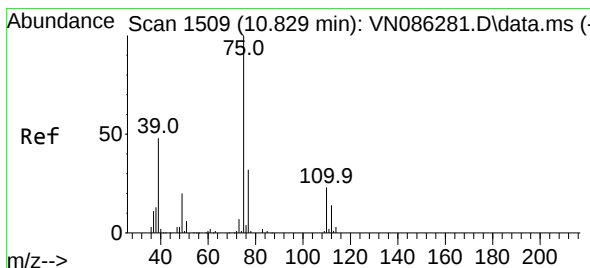
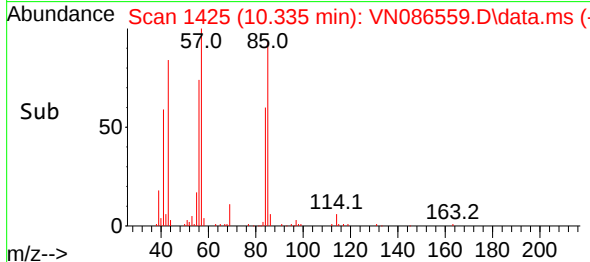
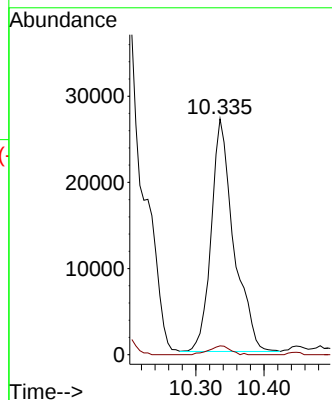
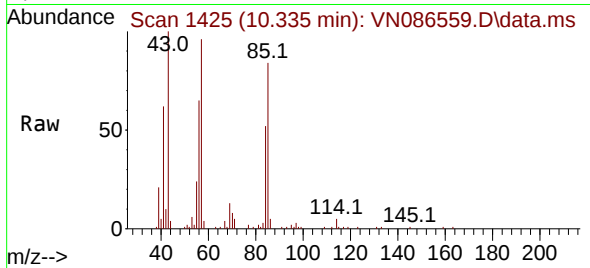




#51
4-Methyl-2-Pentanone
Concen: 17.804 ug/l
RT: 10.335 min Scan# 1443
Delta R.T. -0.106 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

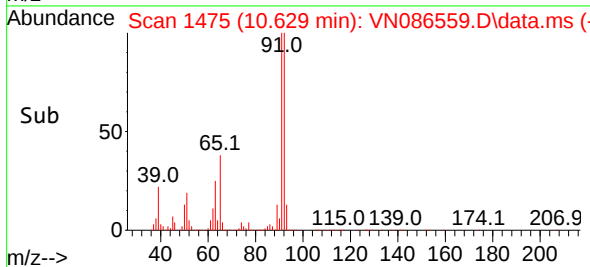
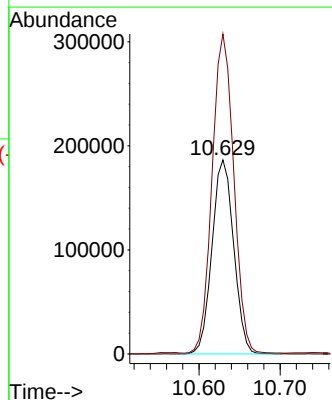
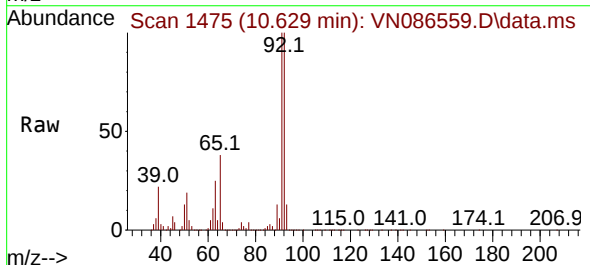
Instrument :
MSVOA_N
ClientSampleId :
3848

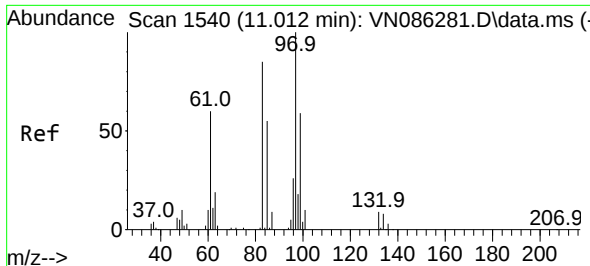
Tgt Ion: 43 Resp: 62276
Ion Ratio Lower Upper
43 100
58 3.6 32.2 48.4#



#53
t-1,3-Dichloropropene
Concen: 88.460 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.200 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 75 Resp: 345773
Ion Ratio Lower Upper
75 100
77 164.4 25.4 38.0#

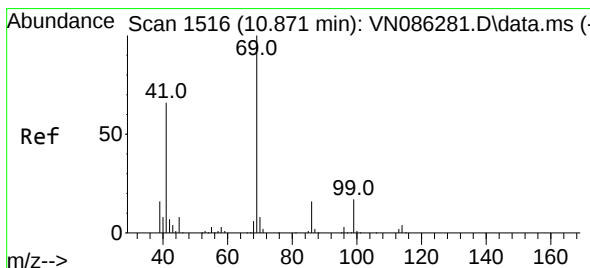
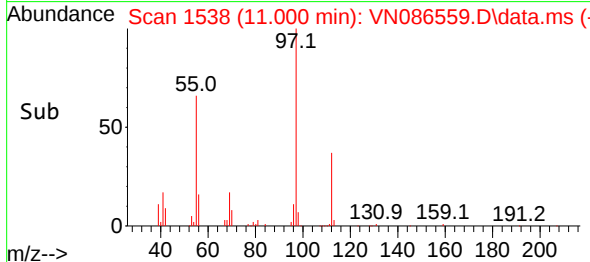
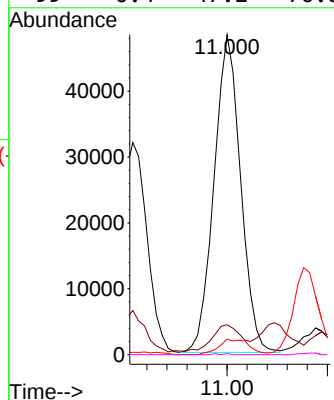
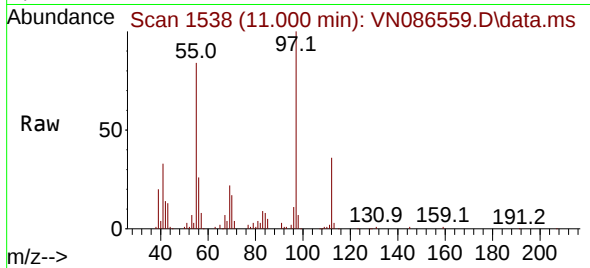




#55
1,1,2-Trichloroethane
Concen: 38.043 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

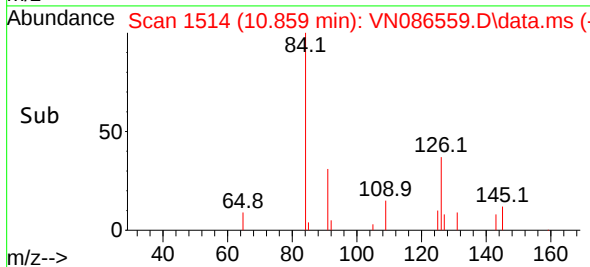
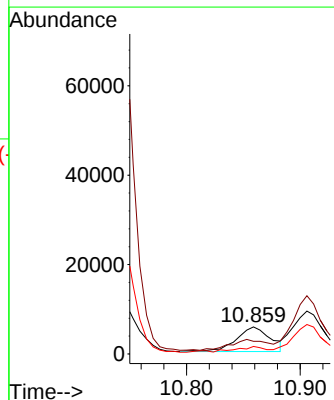
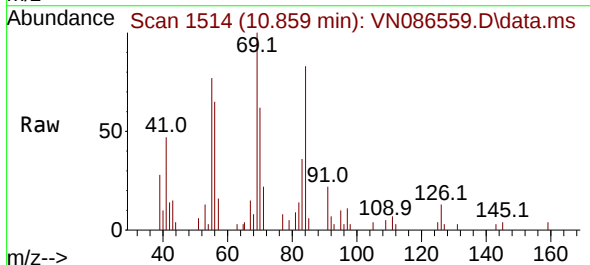
Instrument :
MSVOA_N
ClientSampleId :
3848

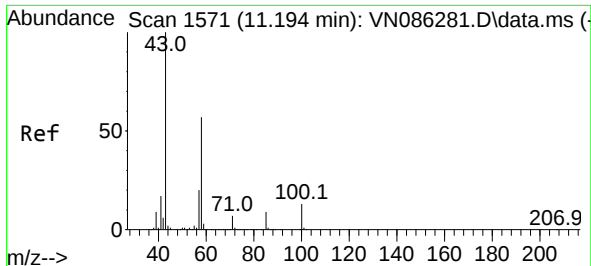
Tgt Ion: 97	Resp: 88781
Ion Ratio	Lower Upper
97 100	
83 8.3	68.4 102.6#
85 4.9	43.9 65.9#
99 0.4	47.2 70.8#



#56
Ethyl methacrylate
Concen: 2.645 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.012 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 69	Resp: 11348
Ion Ratio	Lower Upper
69 100	
41 0.0	51.7 77.5#
39 0.0	26.3 39.5#

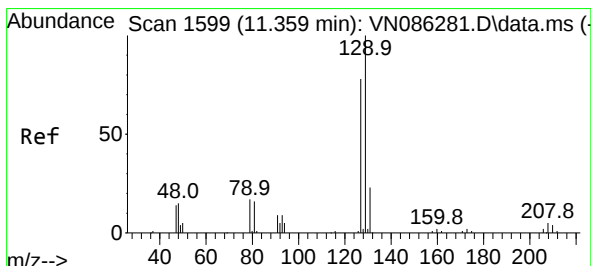
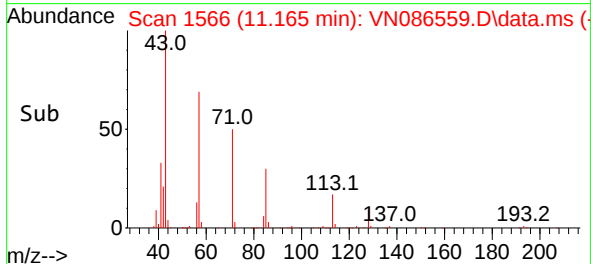
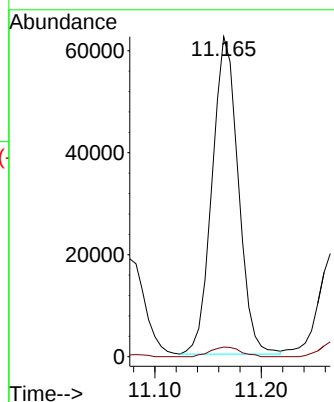
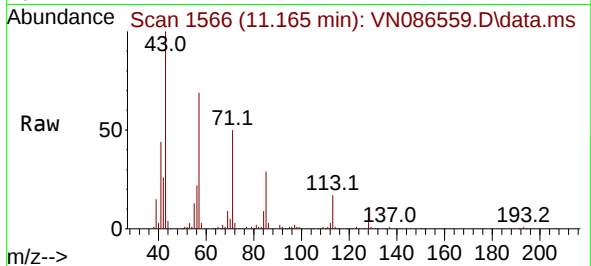




#59
2-Hexanone
Concen: 40.990 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

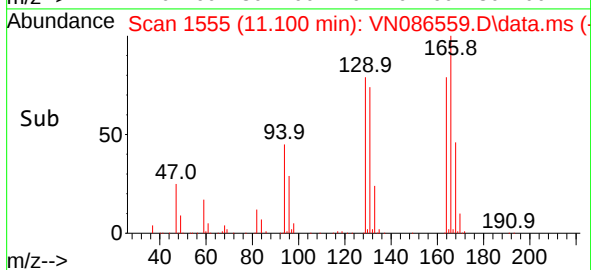
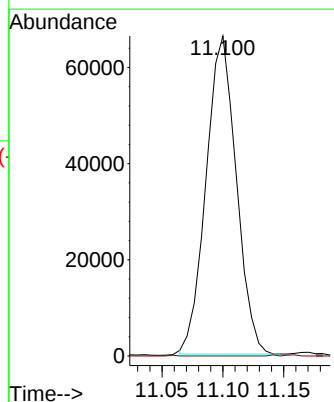
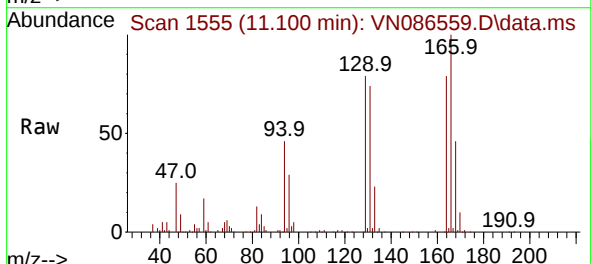
Instrument :
MSVOA_N
ClientSampleId :
3848

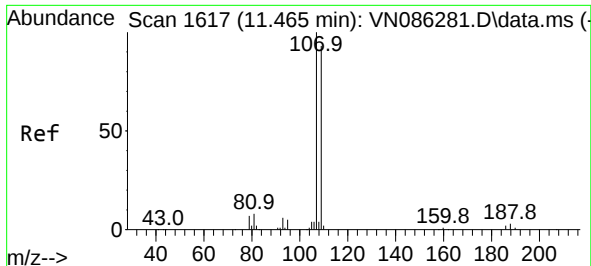
Tgt Ion: 43 Resp: 106347
Ion Ratio Lower Upper
43 100
58 3.5 28.3 85.0#



#60
Dibromochloromethane
Concen: 44.554 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion:129 Resp: 114178
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

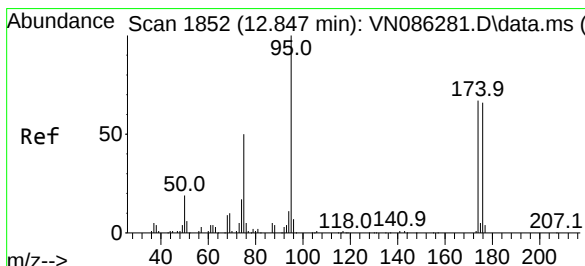
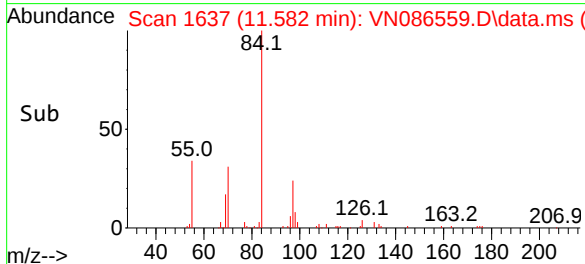
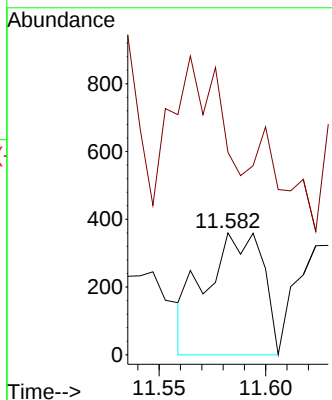
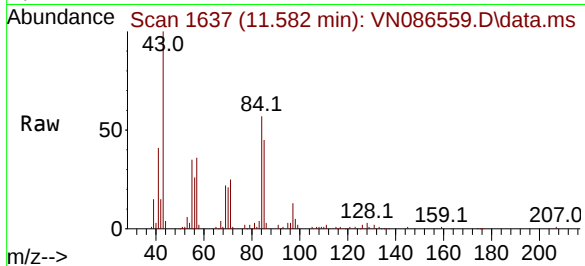




#61
1,2-Dibromoethane
Concen: 0.287 ug/l
RT: 11.582 min Scan# 1637
Delta R.T. 0.118 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

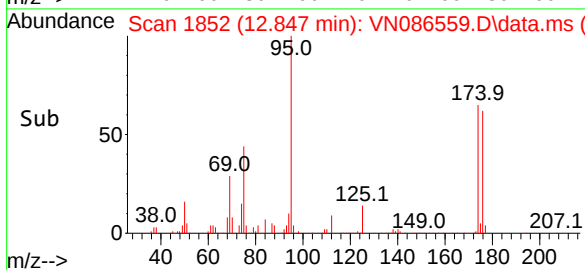
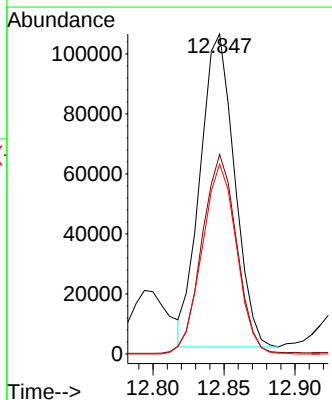
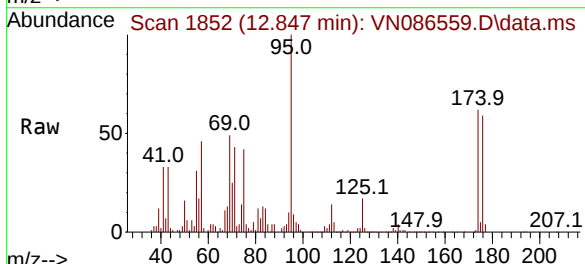
Instrument :
MSVOA_N
ClientSampleId :
3848

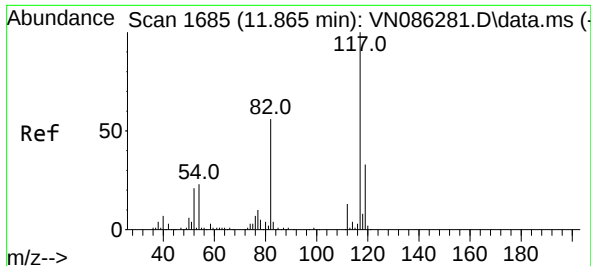
Tgt Ion:107 Resp: 675
Ion Ratio Lower Upper
107 100
109 100.1 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 55.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 95 Resp: 175609
Ion Ratio Lower Upper
95 100
174 63.9 0.0 133.4
176 61.0 0.0 129.2

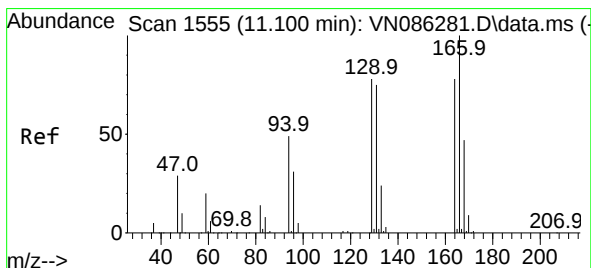
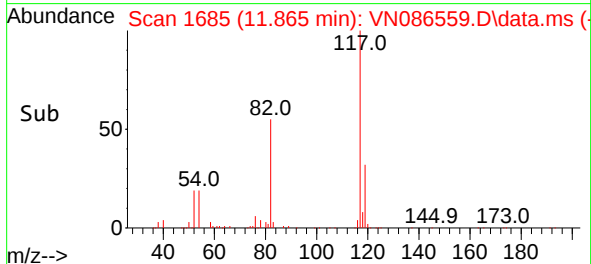
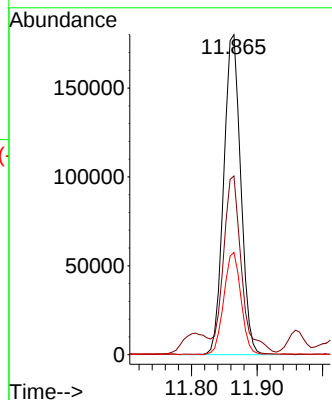
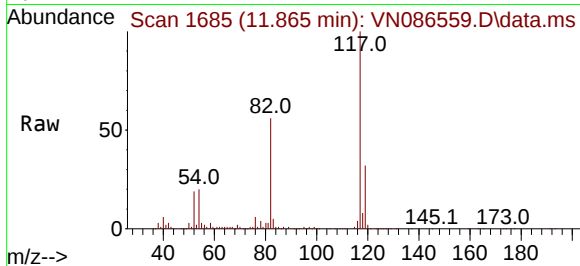




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

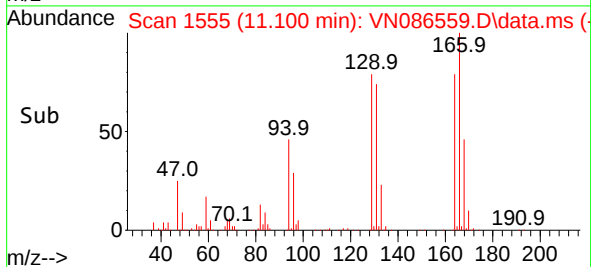
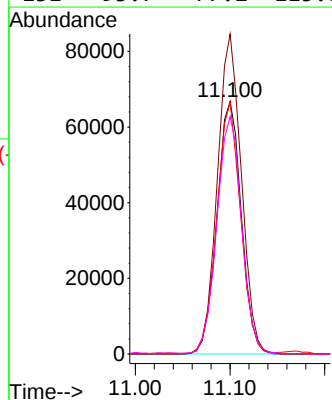
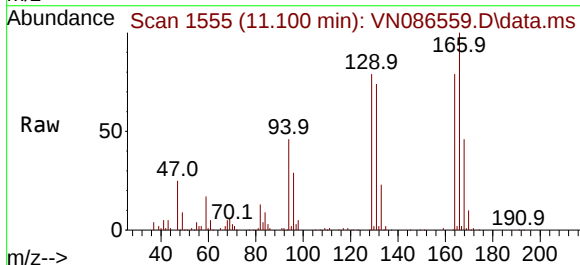
Instrument :
MSVOA_N
ClientSampleId :
3848

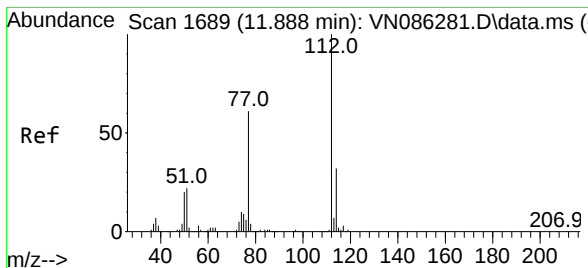
Tgt Ion:117 Resp: 325037
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 31.9 26.4 39.6



#64
Tetrachloroethene
Concen: 47.566 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion:164 Resp: 118925
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.4
129 99.5 80.1 120.1
131 93.7 77.2 115.8

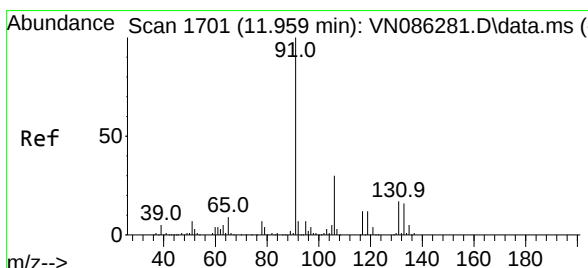
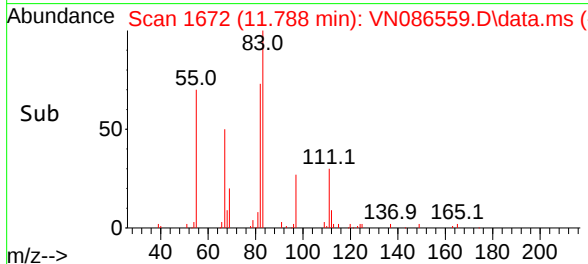
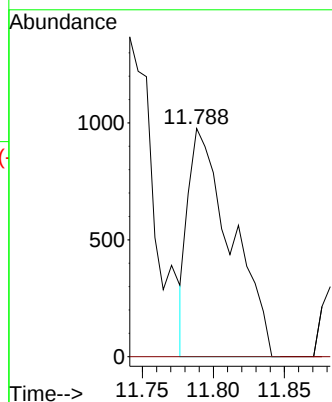
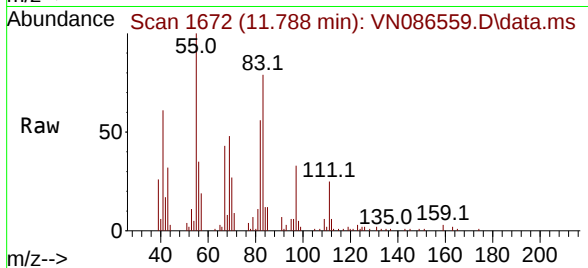




#65
Chlorobenzene
Concen: 0.282 ug/l
RT: 11.788 min Scan# 11
Delta R.T. -0.100 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

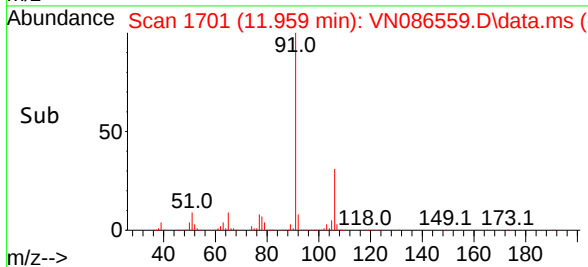
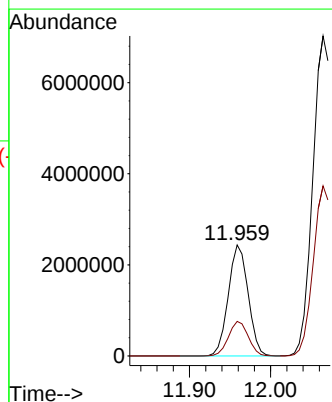
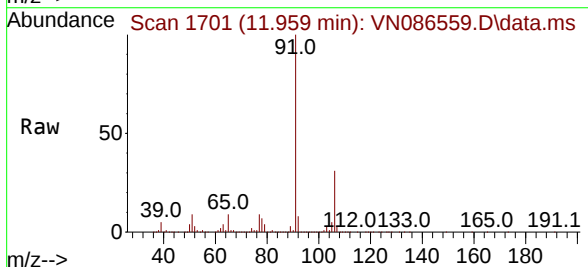
Instrument :
MSVOA_N
ClientSampleId :
3848

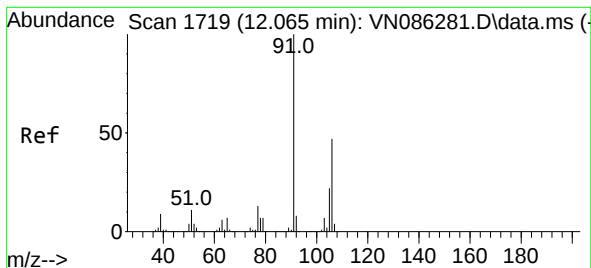
Tgt Ion:112 Resp: 2047
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#



#67
Ethyl Benzene
Concen: 315.402 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 91 Resp: 4128454
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5

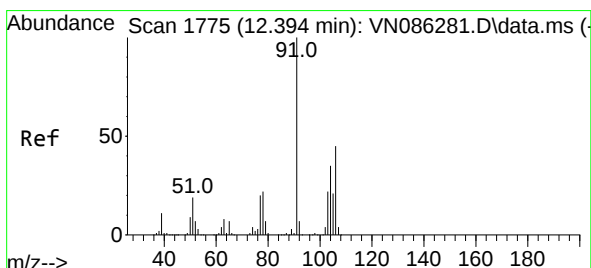
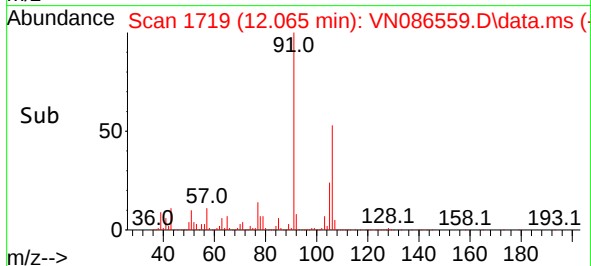
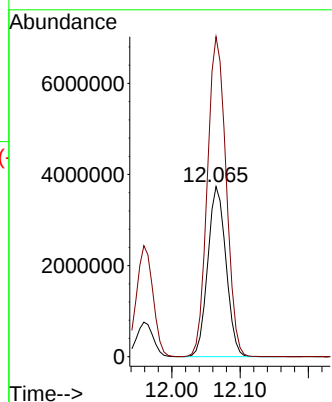
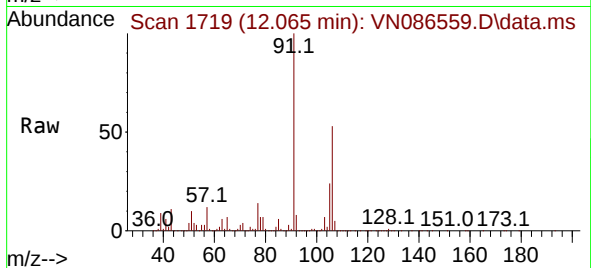




#68
m/p-Xylenes
Concen: 1413.672 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

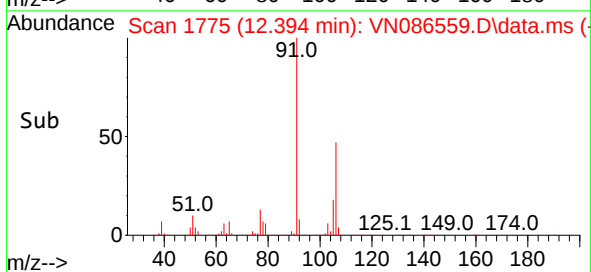
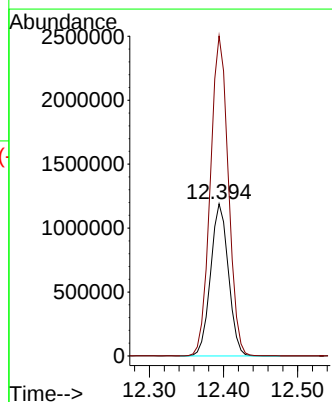
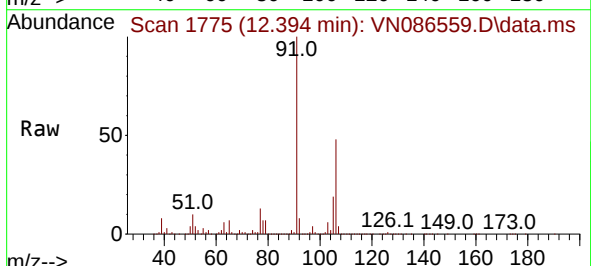
Instrument :
MSVOA_N
ClientSampleId :
3848

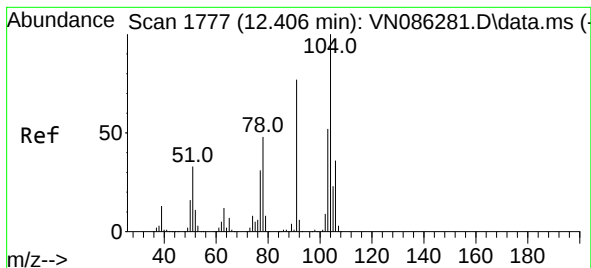
Tgt Ion:106 Resp: 6933498
Ion Ratio Lower Upper
106 100
91 193.5 166.5 249.7



#69
o-Xylene
Concen: 408.583 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion:106 Resp: 1981776
Ion Ratio Lower Upper
106 100
91 213.1 109.7 329.0





#70

Styrene

Concen: 11.626 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

3848

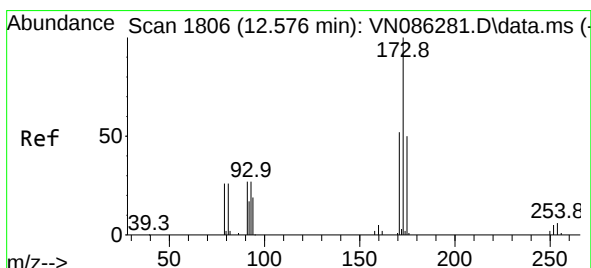
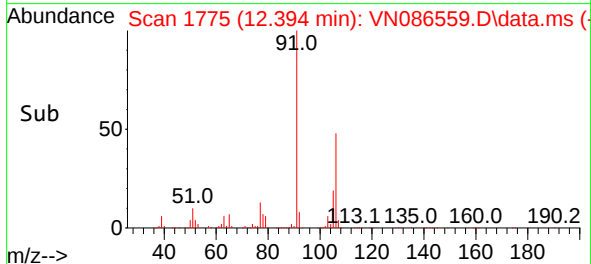
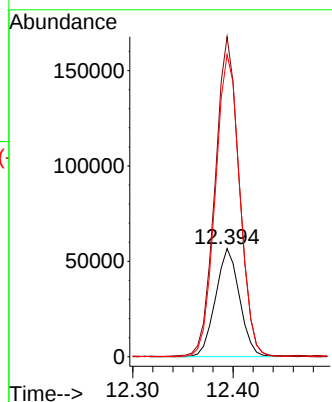
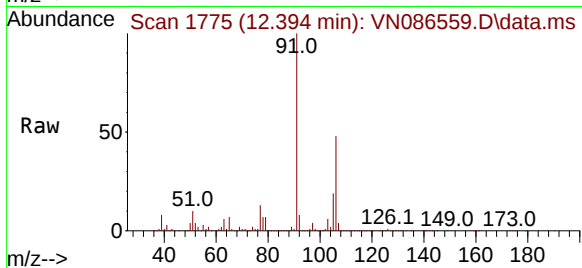
Tgt Ion:104 Resp: 93960

Ion Ratio Lower Upper

104 100

78 299.5 40.6 61.0#

103 284.9 43.6 65.4#



#71

Bromoform

Concen: 0.332 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

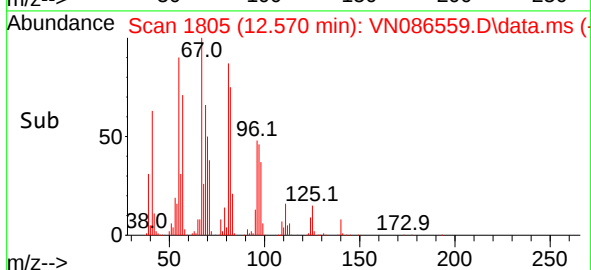
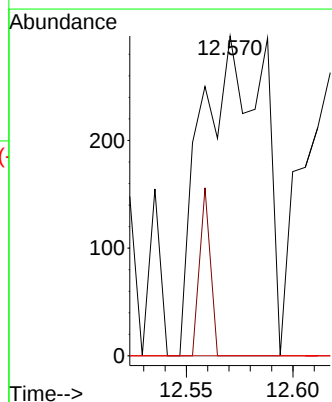
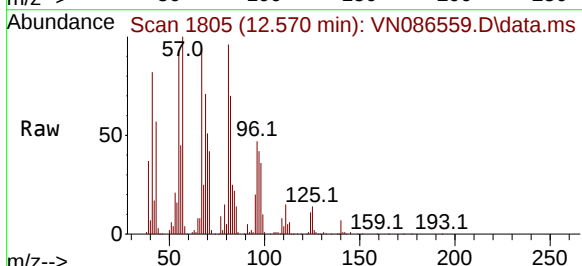
Tgt Ion:173 Resp: 598

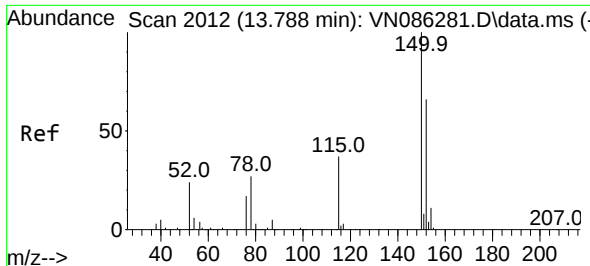
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.0 0.0

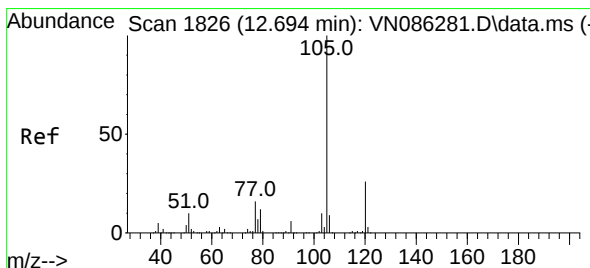
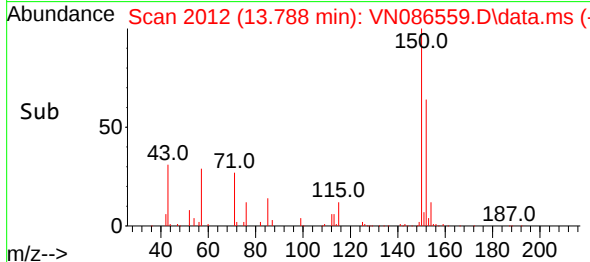
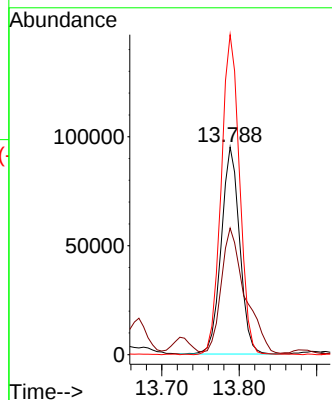
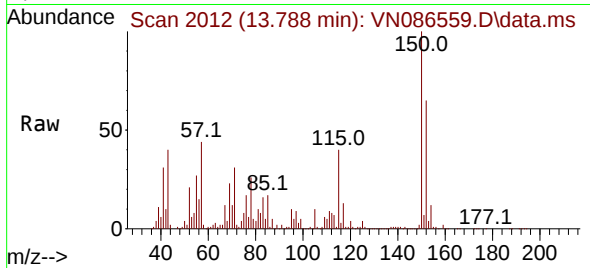




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

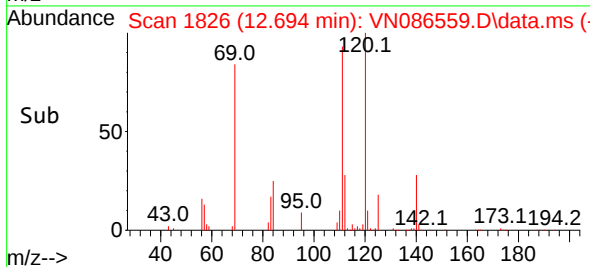
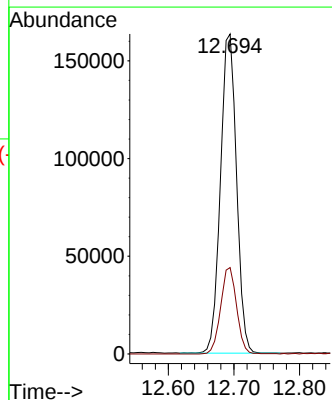
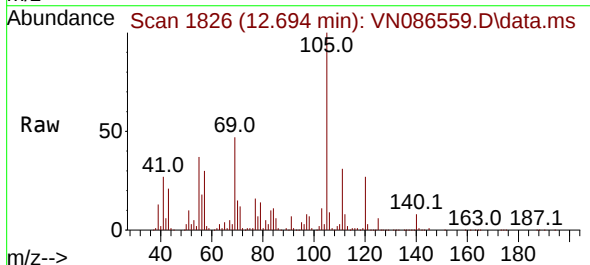
Instrument :
MSVOA_N
ClientSampleId :
3848

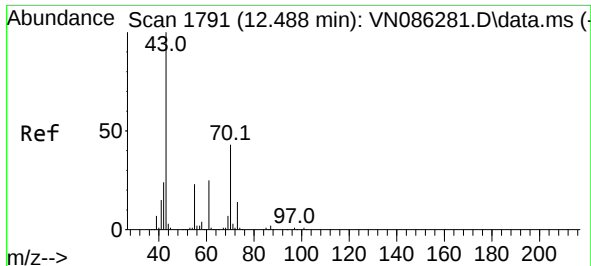
Tgt Ion:152 Resp: 157163
Ion Ratio Lower Upper
152 100
115 77.8 31.9 95.9
150 154.6 0.0 352.0



#73
Isopropylbenzene
Concen: 21.515 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion:105 Resp: 276599
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3

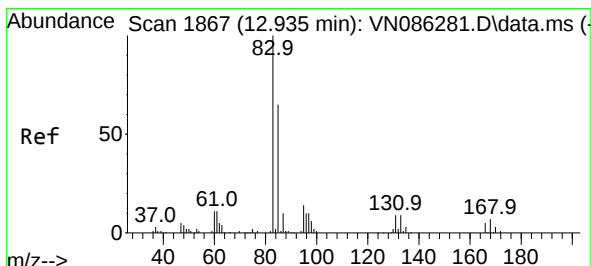
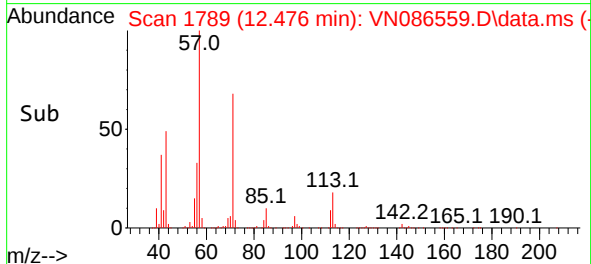
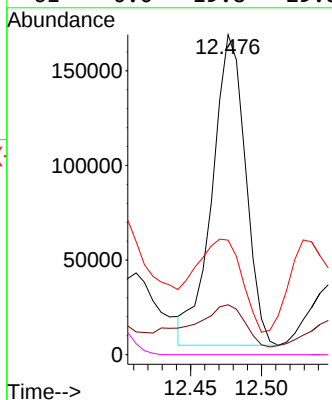
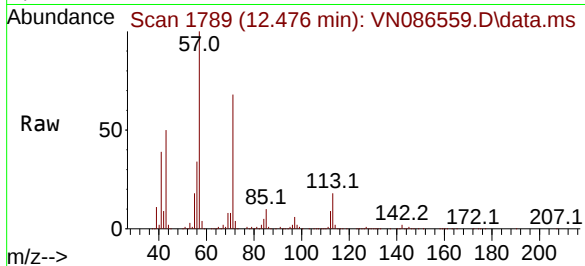




#74
N-amy1 acetate
Concen: 41.855 ug/l
RT: 12.476 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

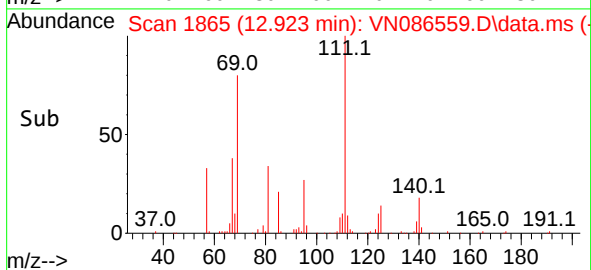
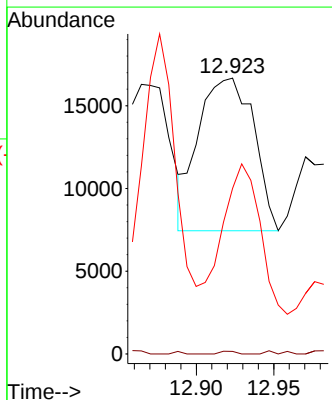
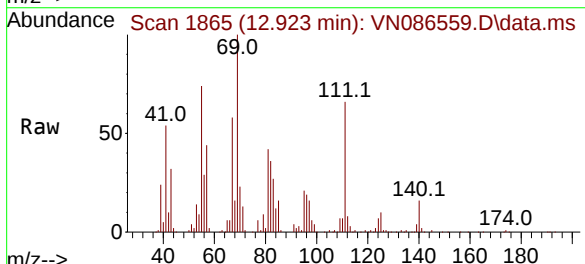
Instrument :
MSVOA_N
ClientSampleId :
3848

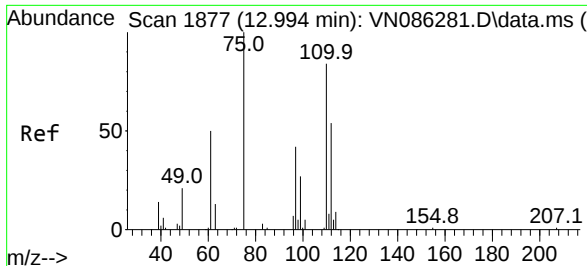
Tgt Ion: 43 Resp: 267879
Ion Ratio Lower Upper
43 100
70 22.1 35.0 52.4#
55 42.1 19.0 28.4#
61 0.0 19.8 29.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.185 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.012 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 83 Resp: 22862
Ion Ratio Lower Upper
83 100
131 0.5 4.7 14.1#
85 0.0 32.7 98.1#

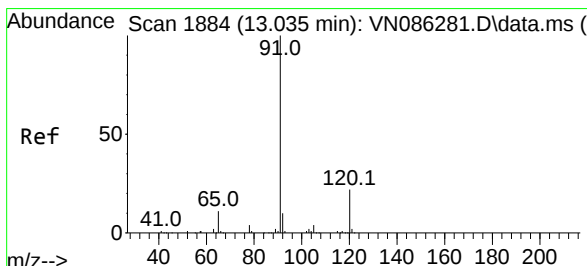
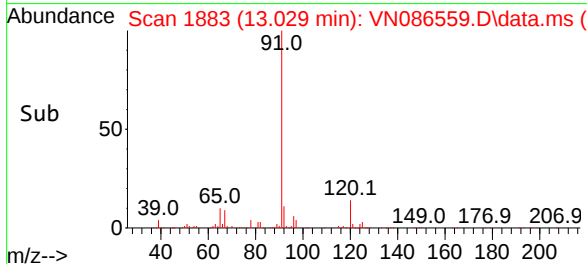
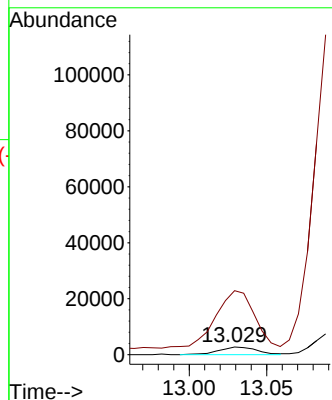
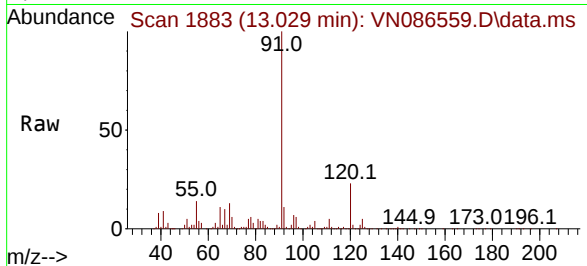




#76
1,2,3-Trichloropropane
Concen: 1.263 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.035 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

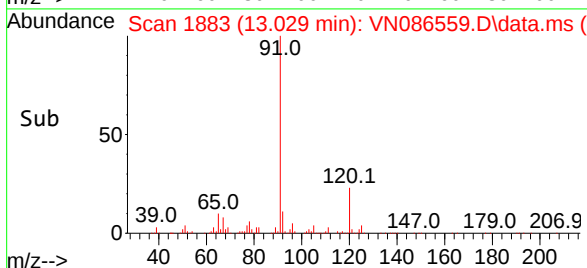
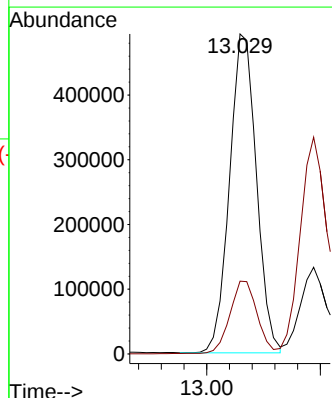
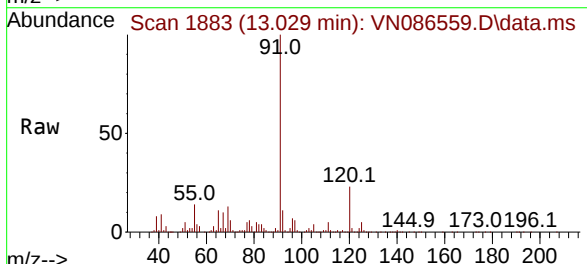
Instrument :
MSVOA_N
ClientSampleId :
3848

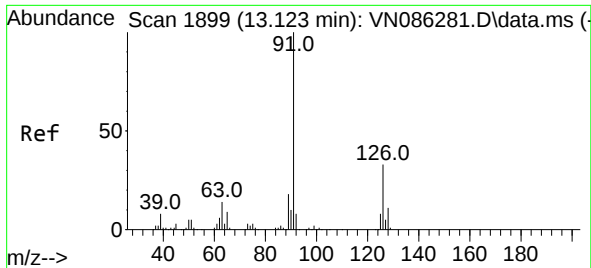
Tgt Ion: 75 Resp: 4684
Ion Ratio Lower Upper
75 100
77 783.0 98.8 296.4#



#78
n-propylbenzene
Concen: 53.415 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 91 Resp: 809204
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3

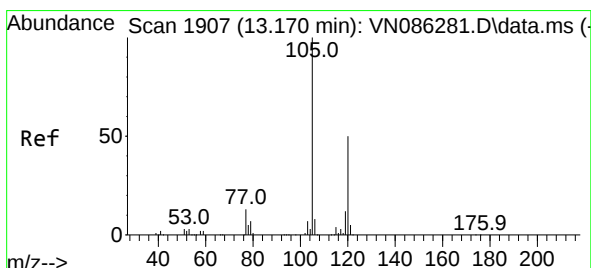
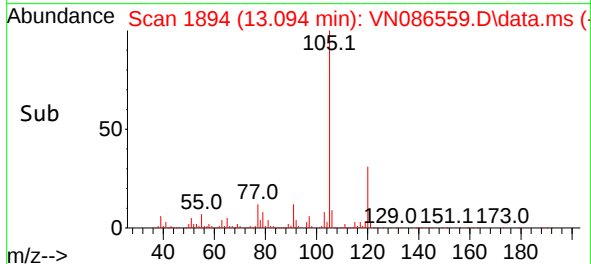
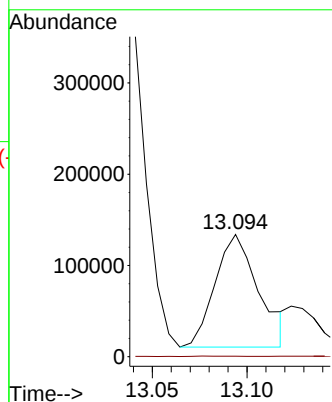
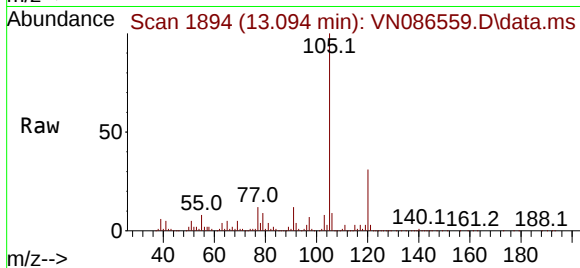




#79
2-Chlorotoluene
Concen: 20.752 ug/l
RT: 13.094 min Scan# 1899
Delta R.T. -0.029 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

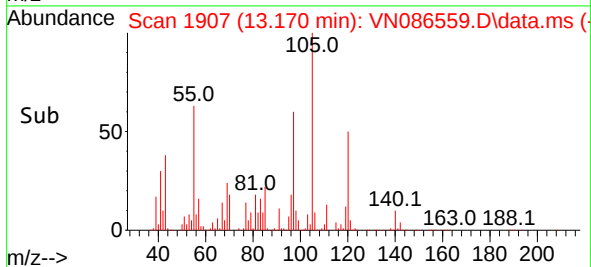
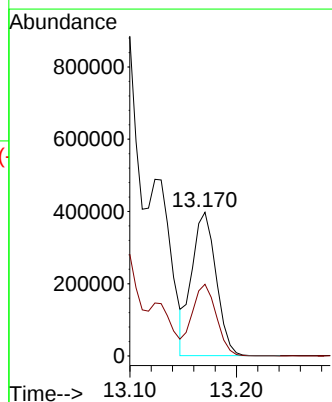
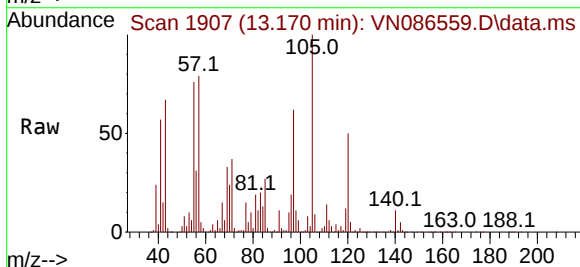
Instrument :
MSVOA_N
ClientSampleId :
3848

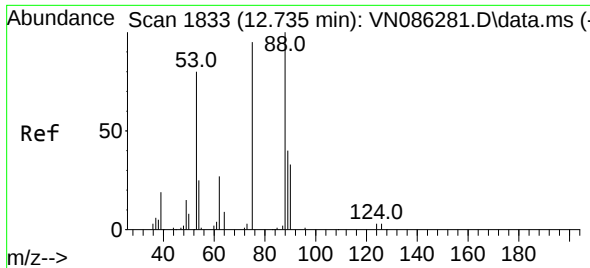
Tgt Ion: 91 Resp: 196726
Ion Ratio Lower Upper
91 100
126 0.4 16.1 48.2#



#80
1,3,5-Trimethylbenzene
Concen: 59.980 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 105 Resp: 631142
Ion Ratio Lower Upper
105 100
120 50.0 24.5 73.5

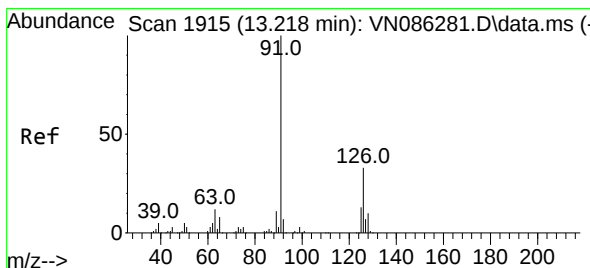
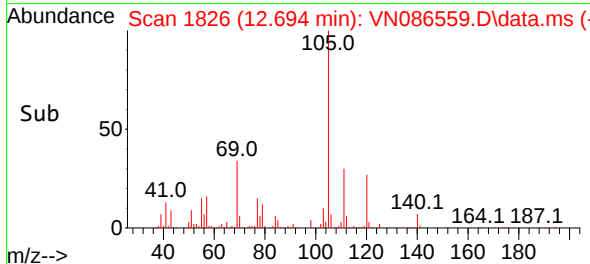
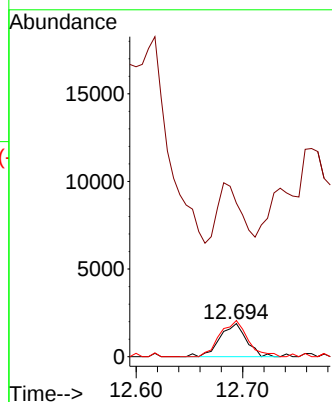
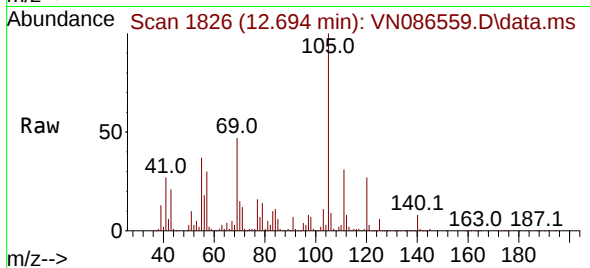




#81
trans-1,4-Dichloro-2-butene
Concen: 2.085 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

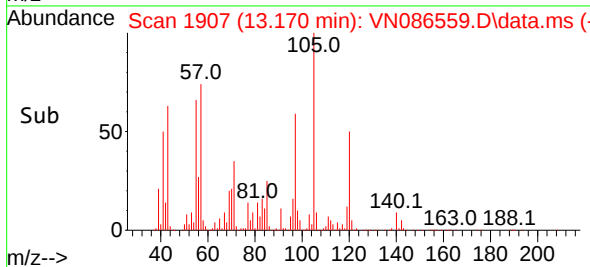
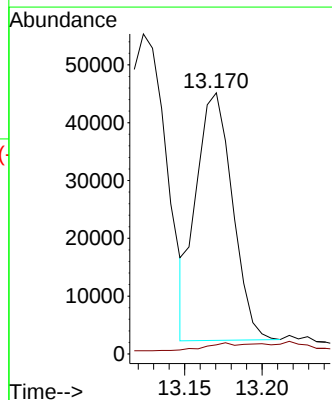
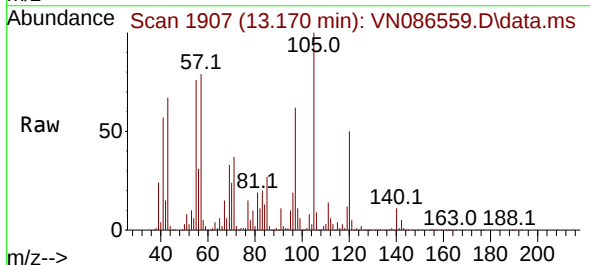
Instrument :
MSVOA_N
ClientSampleId :
3848

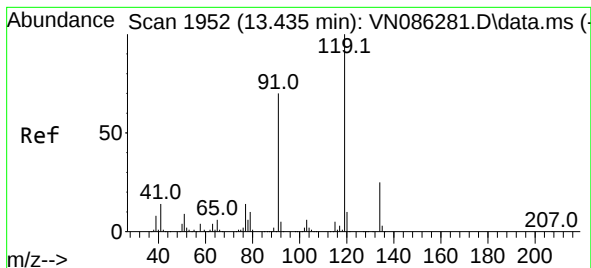
Tgt Ion: 75 Resp: 3220
Ion Ratio Lower Upper
75 100
53 154.8 79.2 118.8#
89 115.6 35.7 53.5#



#82
4-Chlorotoluene
Concen: 7.422 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 91 Resp: 69892
Ion Ratio Lower Upper
91 100
126 4.3 16.2 48.6#





#83

tert-Butylbenzene

Concen: 31.177 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

3848

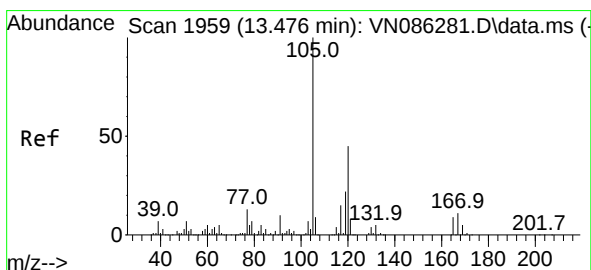
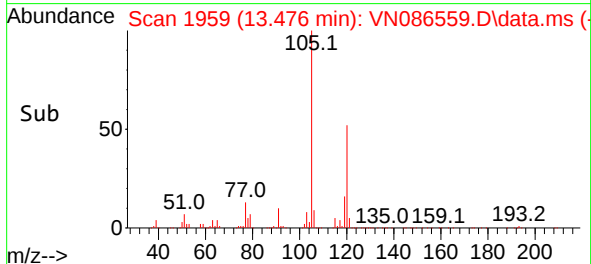
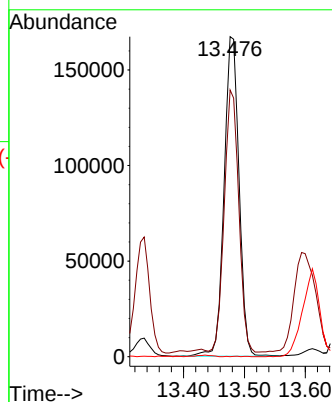
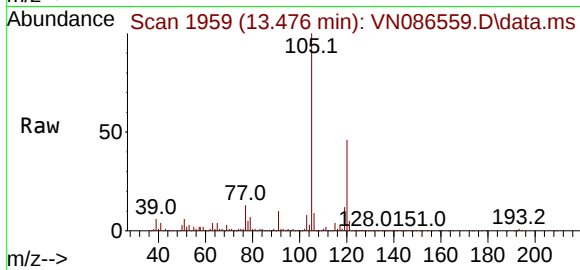
Tgt Ion:119 Resp: 284255

Ion Ratio Lower Upper

119 100

91 79.7 34.4 103.3

134 0.0 13.0 39.0#



#84

1,2,4-Trimethylbenzene

Concen: 211.938 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086559.D

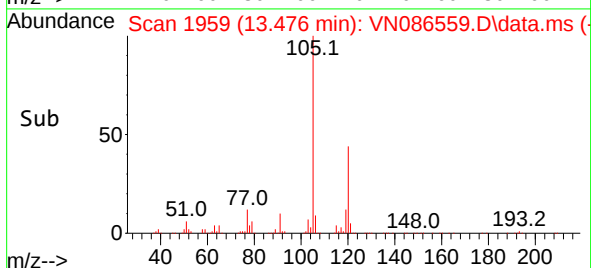
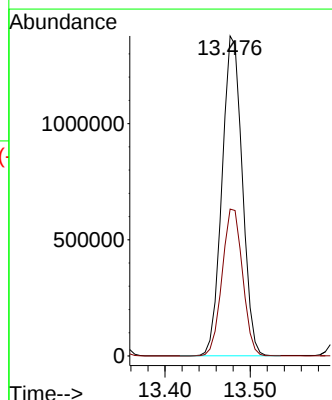
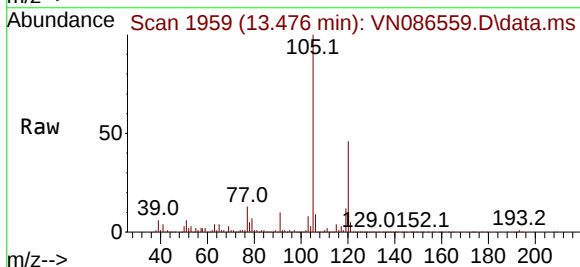
Acq: 09 May 2025 13:55

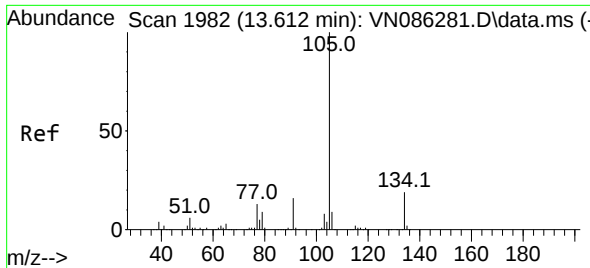
Tgt Ion:105 Resp: 2270049

Ion Ratio Lower Upper

105 100

120 46.6 22.4 67.3

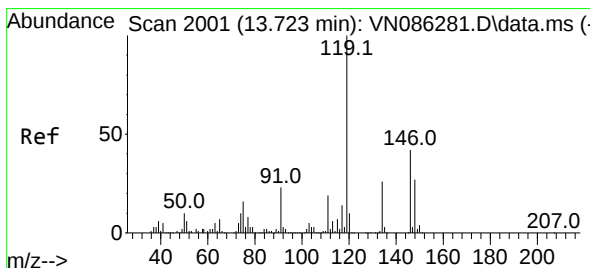
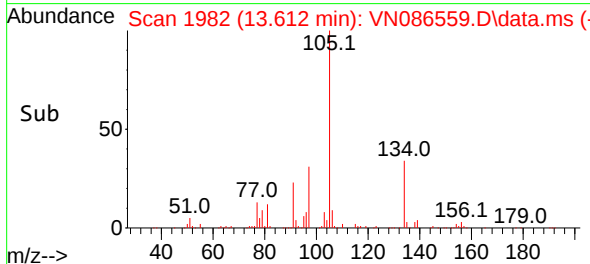
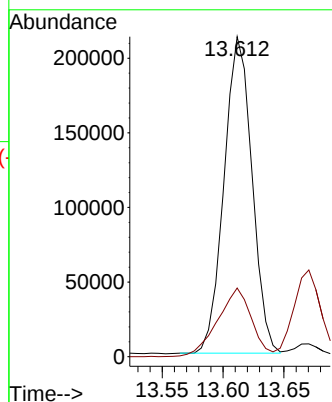
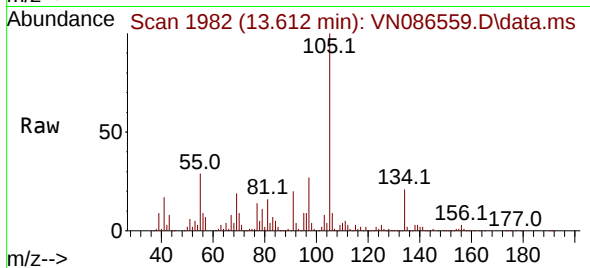




#85
sec-Butylbenzene
Concen: 26.787 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

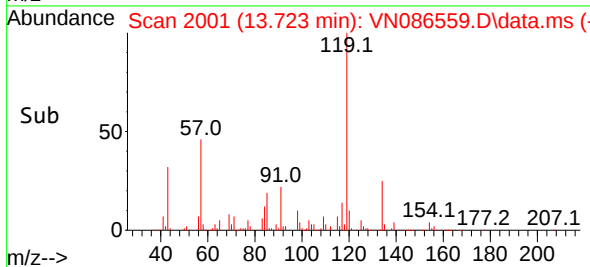
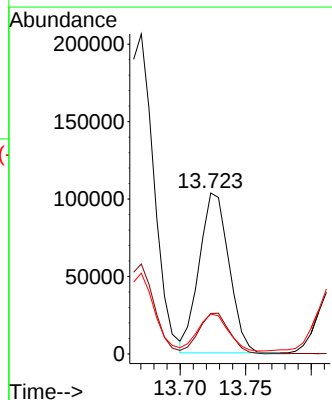
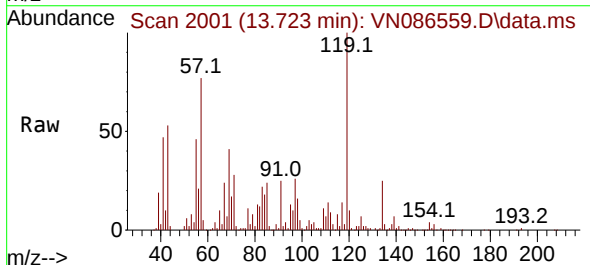
Instrument :
MSVOA_N
ClientSampleId :
3848

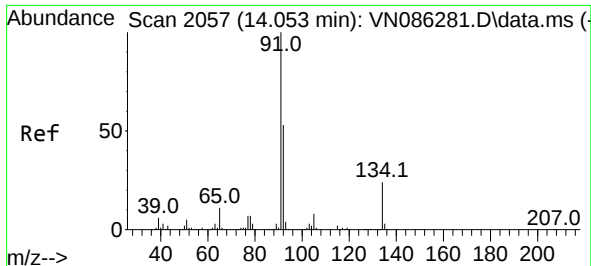
Tgt Ion:105 Resp: 338764
Ion Ratio Lower Upper
105 100
134 26.3 9.7 29.1



#86
p-Isopropyltoluene
Concen: 15.645 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion:119 Resp: 163084
Ion Ratio Lower Upper
119 100
134 26.1 13.1 39.1
91 23.3 11.9 35.9

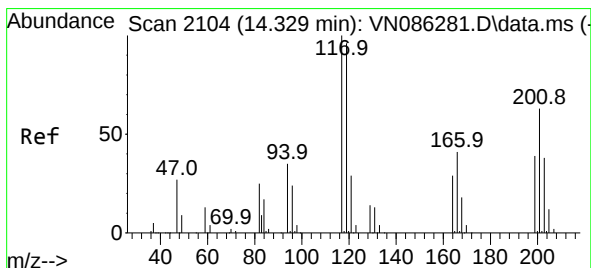
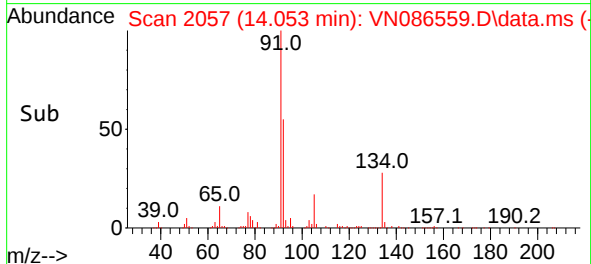
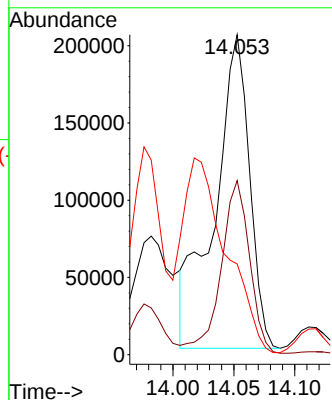
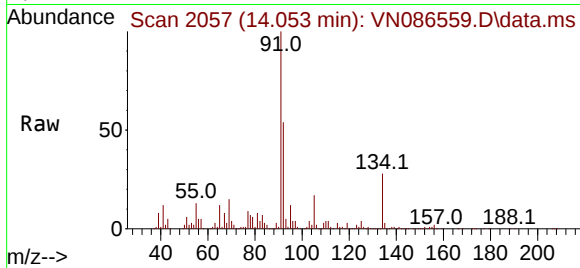




#89
n-Butylbenzene
Concen: 43.767 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

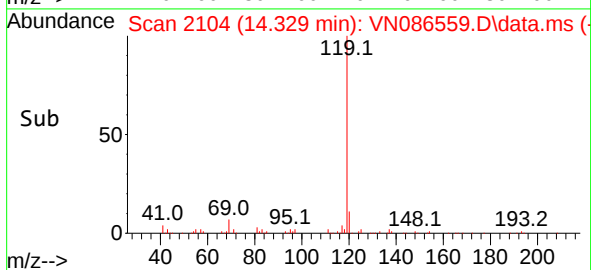
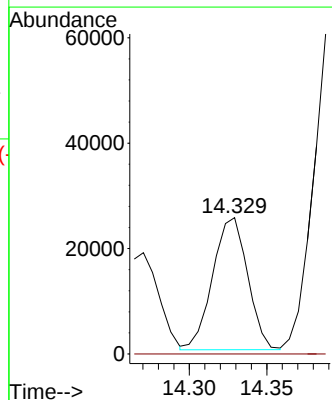
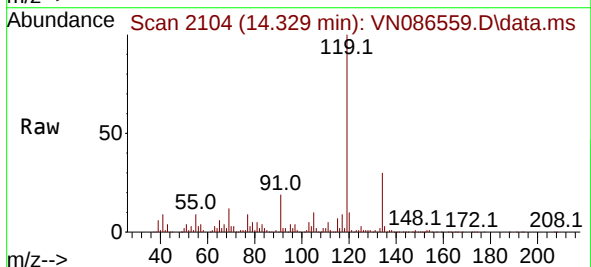
Instrument :
MSVOA_N
ClientSampleId :
3848

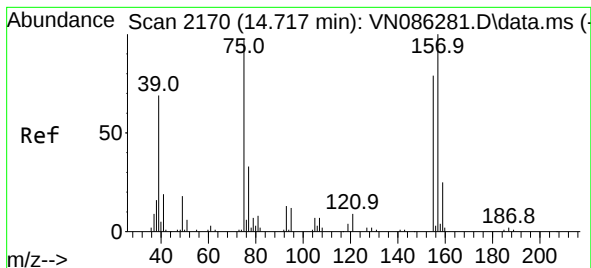
Tgt Ion: 91 Resp: 404391
Ion Ratio Lower Upper
91 100
92 45.0 26.8 80.4
134 0.0 12.2 36.6#



#90
Hexachloroethane
Concen: 22.449 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion: 117 Resp: 39361
Ion Ratio Lower Upper
117 100
201 0.0 31.4 94.2#

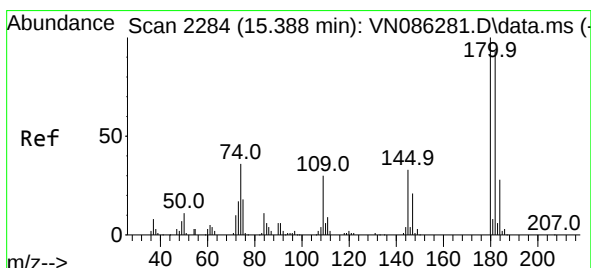
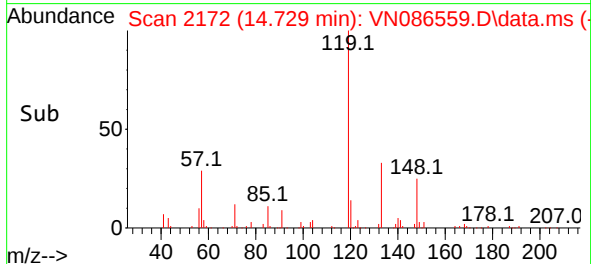
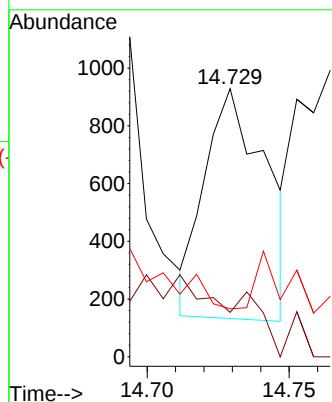
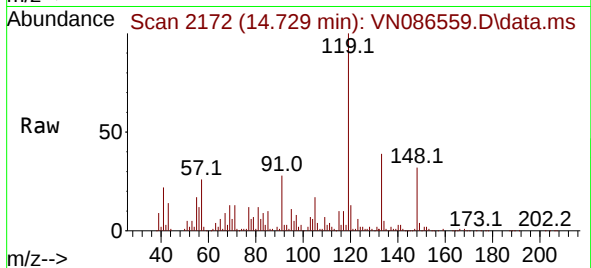




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.603 ug/l
RT: 14.729 min Scan# 2170
Delta R.T. 0.012 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

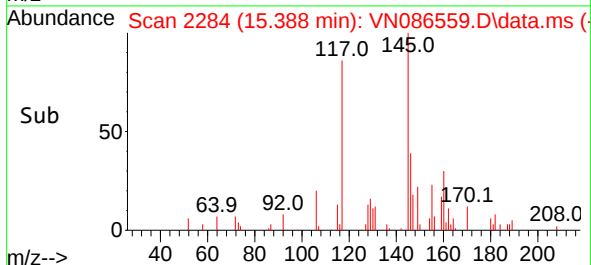
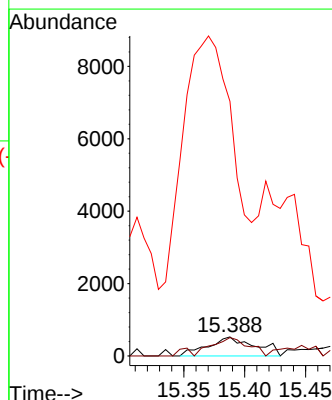
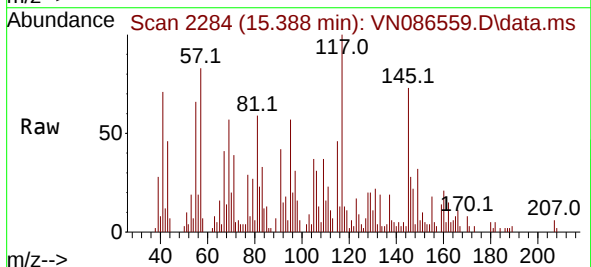
Instrument :
MSVOA_N
ClientSampleId :
3848

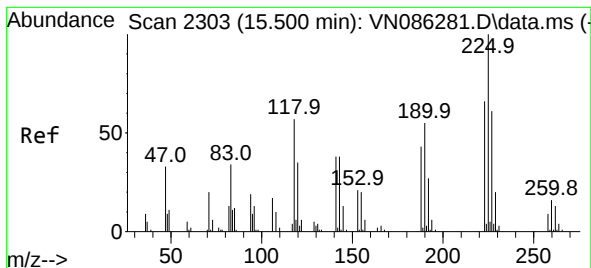
Tgt Ion: 75 Resp: 1195
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.9#
157 12.7 49.0 147.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.570 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086559.D
Acq: 09 May 2025 13:55

Tgt Ion:180 Resp: 1416
Ion Ratio Lower Upper
180 100
182 73.9 47.0 141.0
145 1393.4 16.4 49.1#





#94

Hexachlorobutadiene

Concen: 0.410 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

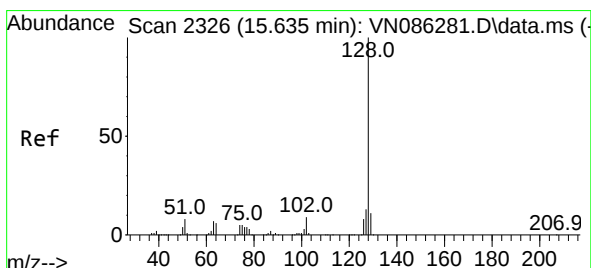
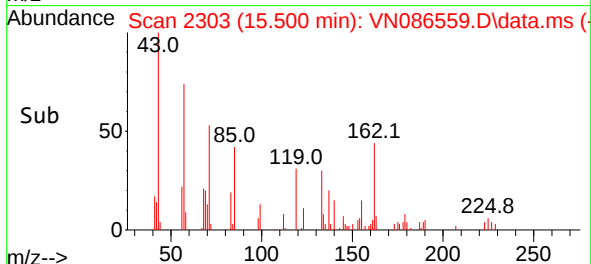
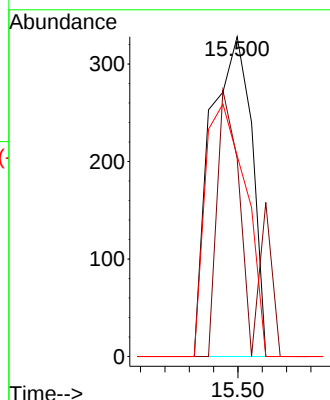
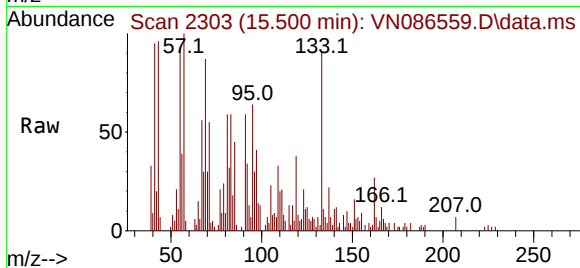
Instrument :

MSVOA_N

ClientSampleId :

3848

Tgt Ion:	225	Resp:	385
Ion	Ratio	Lower	Upper
225	100		
223	58.2	32.8	98.3
227	77.9	31.4	94.0



#95

Naphthalene

Concen: 8.201 ug/l

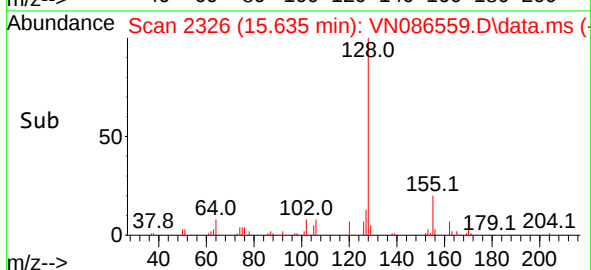
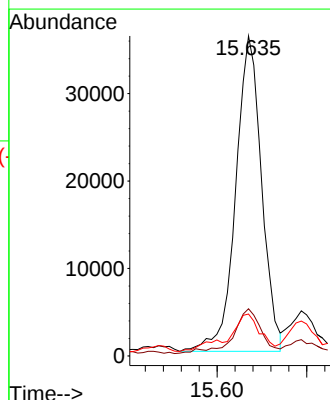
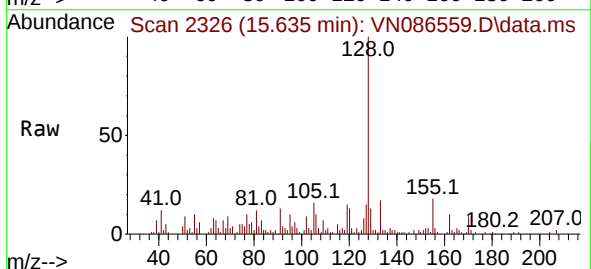
RT: 15.635 min Scan# 2326

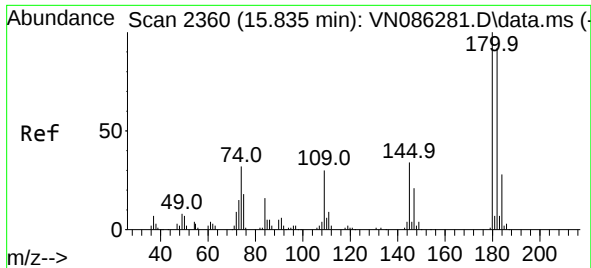
Delta R.T. -0.000 min

Lab File: VN086559.D

Acq: 09 May 2025 13:55

Tgt Ion:	128	Resp:	72276
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.4
129	14.6	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.349 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN086559.D

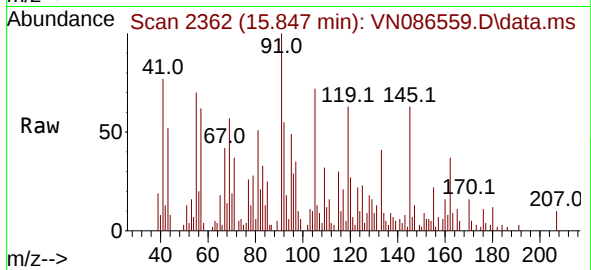
Acq: 09 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

3848



Tgt Ion:180 Resp: 821

Ion Ratio Lower Upper

180 100

182 40.9 47.3 142.0#

145 0.0 17.2 51.5#

