

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086539.D
 Acq On : 08 May 2025 12:35
 Operator : JC\MD
 Sample : VN0508MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508MBL01

Quant Time: May 09 01:48:36 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	198812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129685	44.983	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.960%
35) Dibromofluoromethane	8.165	113	106724	64.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	128.040%#
50) Toluene-d8	10.565	98	444522	49.895	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.847	95	156931	48.294	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	3222	0.941	ug/l	99
5) Bromomethane	2.977	94	1455	0.990	ug/l	93
10) Methyl Iodide	4.595	142	2145	0.891	ug/l #	84
13) Acrolein	4.189	56	371	Below Cal	#	50
15) Acrylonitrile	5.724	53	991	0.762	ug/l #	71
16) Acetone	4.436	43	2084	Below Cal	#	85
17) Carbon Disulfide	4.712	76	4819	0.688	ug/l #	85
18) Methyl Acetate	5.024	43	1009	0.292	ug/l #	63
20) Methylene Chloride	5.271	84	882	0.331	ug/l #	60
21) trans-1,2-Dichloroethene	5.789	96	732	0.299	ug/l #	53
25) 2-Butanone	7.494	43	875	0.488	ug/l #	48
29) Tetrahydrofuran	7.841	42	886	0.738	ug/l #	61
31) Cyclohexane	8.218	56	4294	0.919	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15596	4.684	ug/l #	49
37) Ethyl Acetate	7.494	43	875	0.250	ug/l #	1
38) Carbon Tetrachloride	8.224	117	19440	6.131	ug/l #	15
43) Isopropyl Acetate	8.659	43	1330	Below Cal	#	55
44) Trichloroethene	9.341	130	556	0.220	ug/l	63
51) 4-Methyl-2-Pentanone	10.441	43	960	0.267	ug/l	98
59) 2-Hexanone	11.188	43	1800	0.676	ug/l	91
60) Dibromochloromethane	11.100	129	541	0.206	ug/l #	11
65) Chlorobenzene	11.894	112	1795	0.239	ug/l	94
68) m/p-Xylenes	12.070	106	1714	0.337	ug/l	93
70) Styrene	12.406	104	1960	0.234	ug/l #	81
76) 1,2,3-Trichloropropane	12.841	75	79706	24.651	ug/l #	1
77) Bromobenzene	12.976	156	813	0.327	ug/l	86
78) n-propylbenzene	13.029	91	2863	0.217	ug/l	99
79) 2-Chlorotoluene	13.123	91	1783	0.216	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.841	75	79706	59.203	ug/l #	10
82) 4-Chlorotoluene	13.223	91	2648	0.323	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	1995	0.214	ug/l	92
85) sec-Butylbenzene	13.612	105	3376	0.306	ug/l	94
86) p-Isopropyltoluene	13.729	119	2864	0.315	ug/l	91
87) 1,3-Dichlorobenzene	13.735	146	1938	0.415	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	1938	0.412	ug/l	93
89) n-Butylbenzene	14.053	91	4657	0.578	ug/l	95

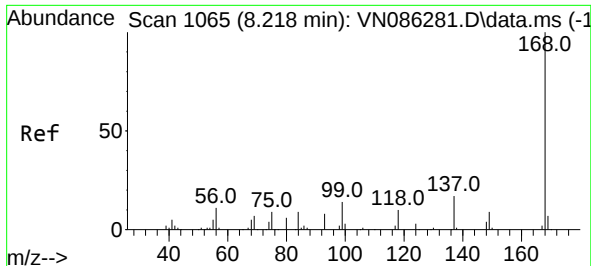
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
Data File : VN086539.D
Acq On : 08 May 2025 12:35
Operator : JC\MD
Sample : VN0508MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

Quant Time: May 09 01:48:36 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)
91) 1,2-Dichlorobenzene	14.100	146	2172	0.480	ug/l	86
93) 1,2,4-Trichlorobenzene	15.388	180	2904	1.340	ug/l	94
94) Hexachlorobutadiene	15.494	225	1658	2.027	ug/l	88
95) Naphthalene	15.641	128	15476	2.014	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	3625	1.767	ug/l	95

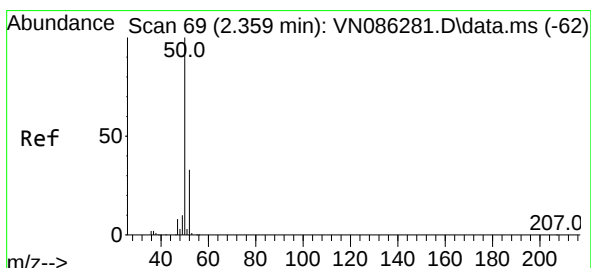
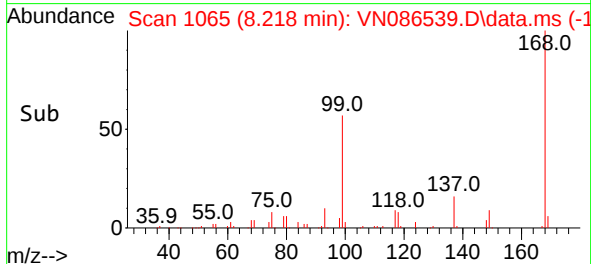
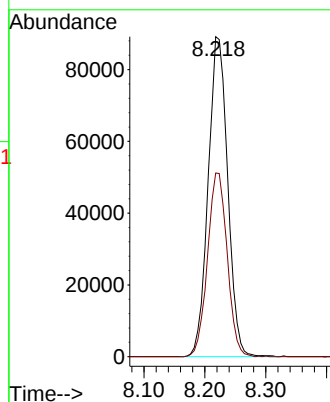
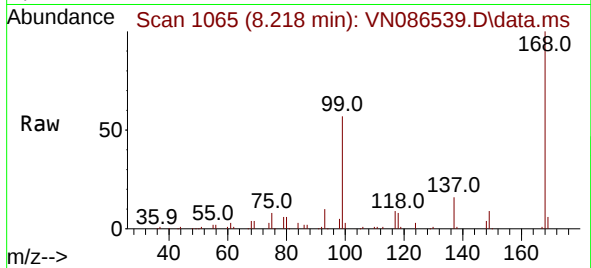
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

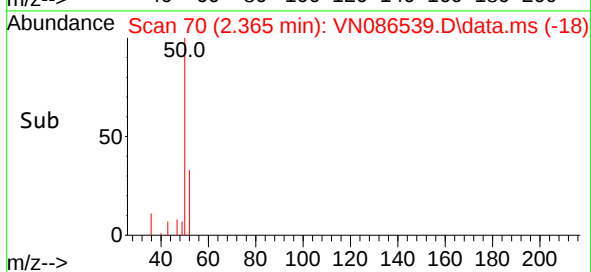
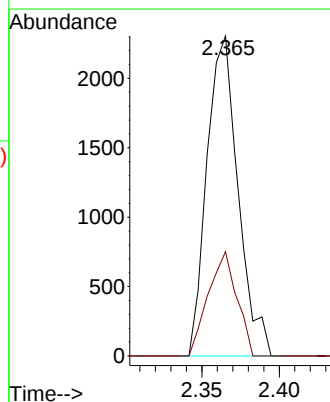
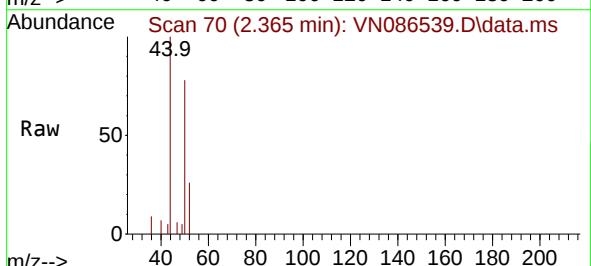
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

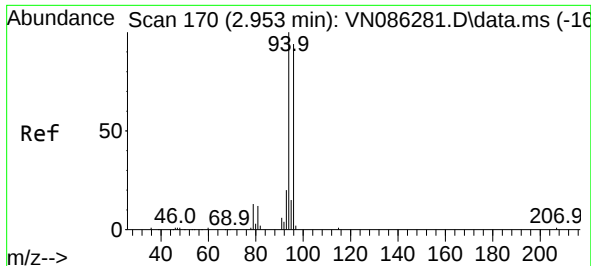
Tgt Ion:168 Resp: 198812
Ion Ratio Lower Upper
168 100
99 57.4 52.5 78.7



#3
Chloromethane
Concen: 0.941 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 50 Resp: 3222
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

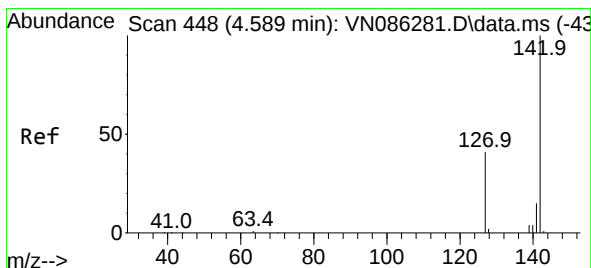
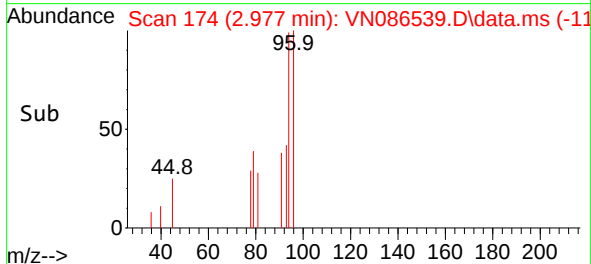
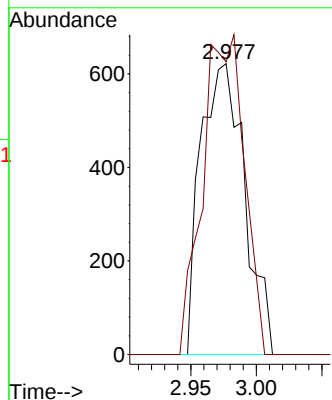
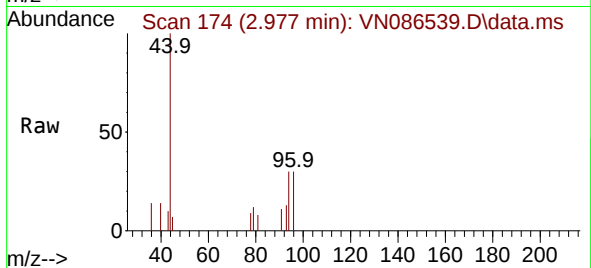




#5
Bromomethane
Concen: 0.990 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

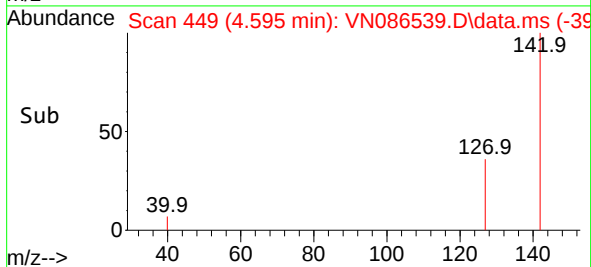
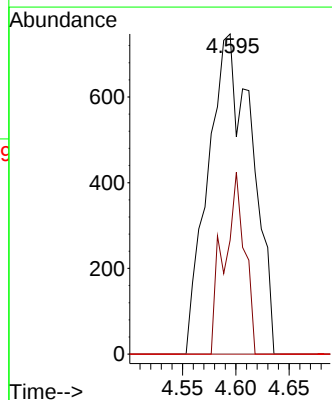
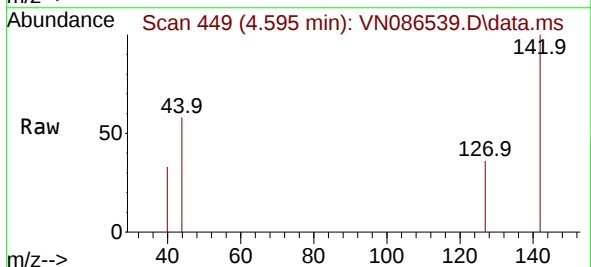
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

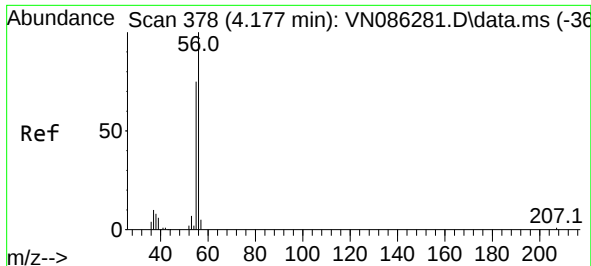
Tgt Ion: 94 Resp: 1455
Ion Ratio Lower Upper
94 100
96 100.6 75.2 112.8



#10
Methyl Iodide
Concen: 0.891 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 142 Resp: 2145
Ion Ratio Lower Upper
142 100
127 35.6 32.7 49.1
141 0.0 11.7 17.5#

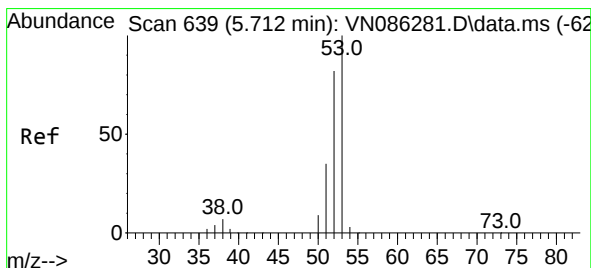
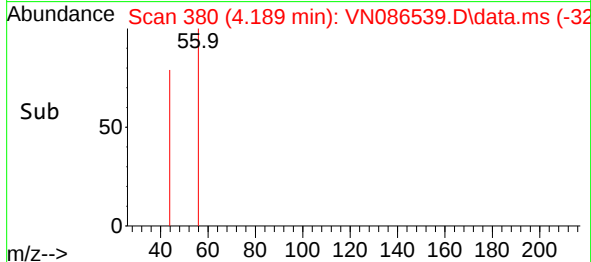
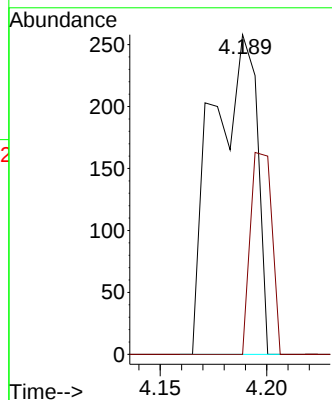
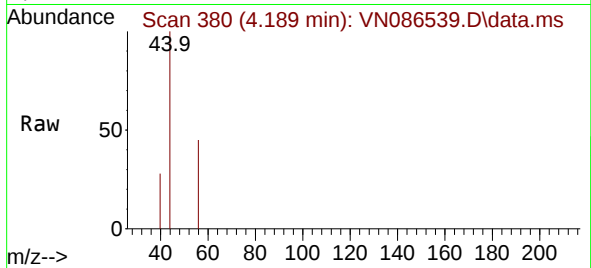




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

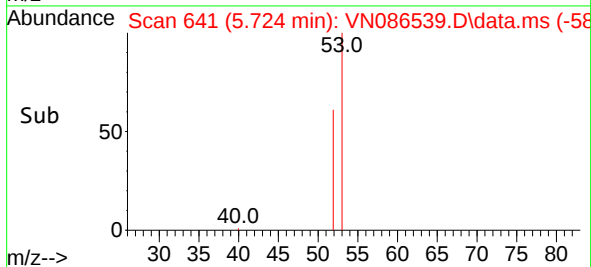
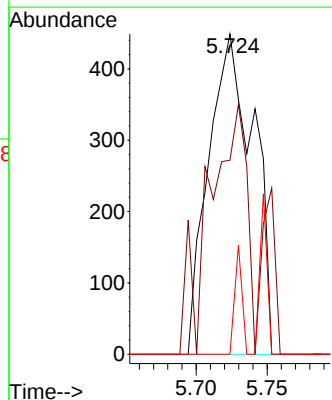
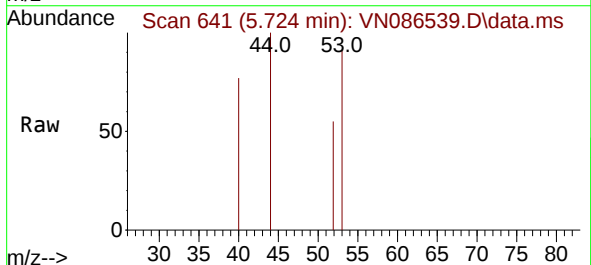
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

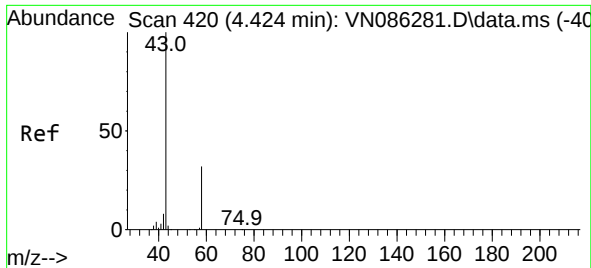
Tgt Ion: 56 Resp: 371
Ion Ratio Lower Upper
56 100
55 30.7 58.5 87.7#



#15
Acrylonitrile
Concen: 0.762 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 53 Resp: 991
Ion Ratio Lower Upper
53 100
52 65.0 65.5 98.3#
51 5.4 28.6 42.8#

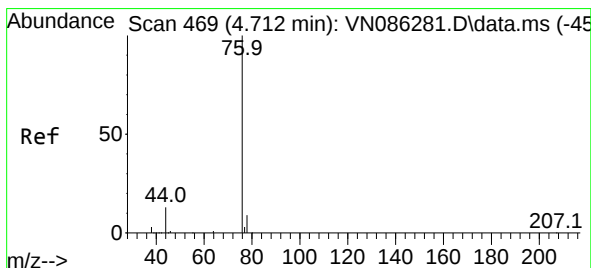
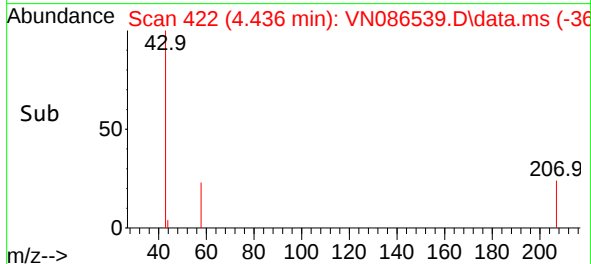
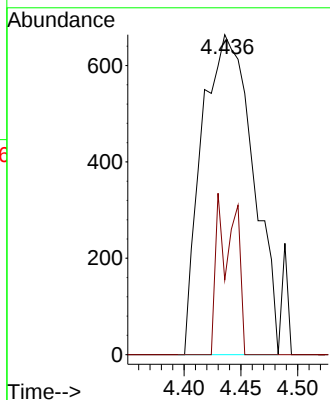
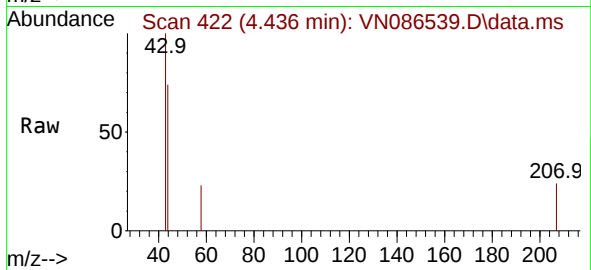




#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

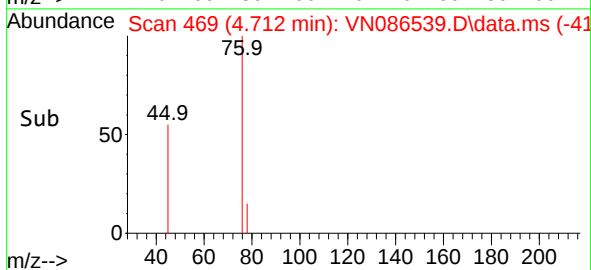
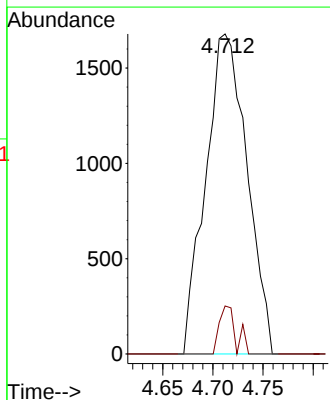
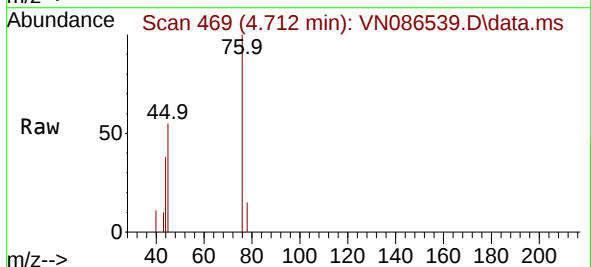
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

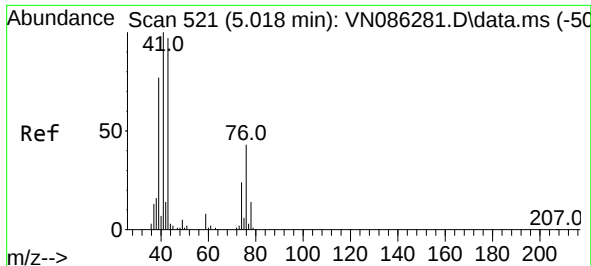
Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
58 23.3 25.3 37.9#



#17
Carbon Disulfide
Concen: 0.688 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

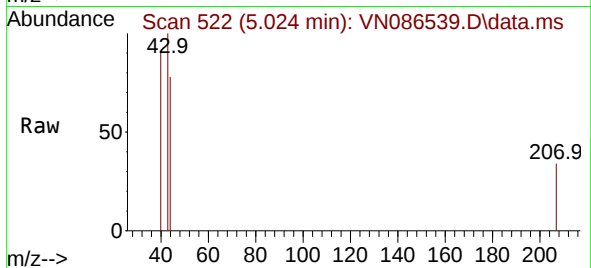
Tgt Ion: 76 Resp: 4819
Ion Ratio Lower Upper
76 100
78 15.0 7.6 11.4#



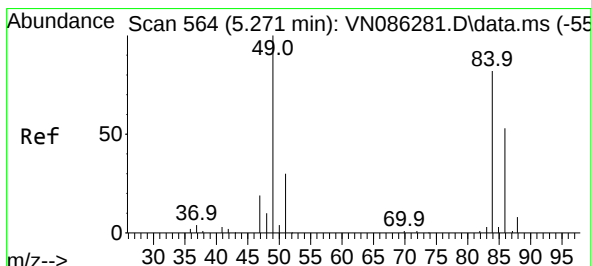
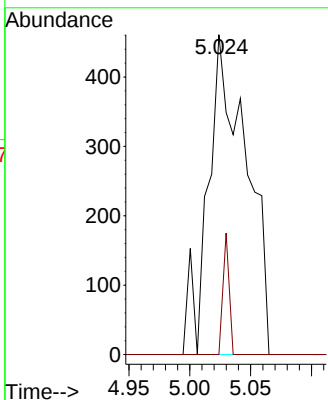
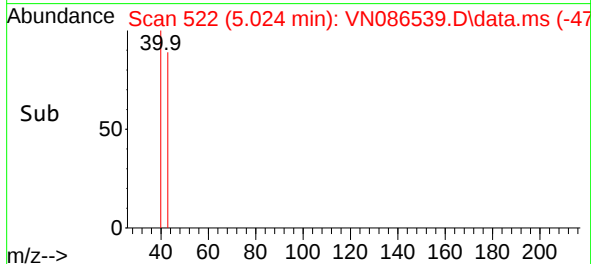


#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

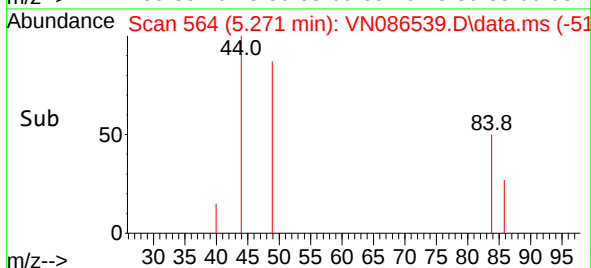
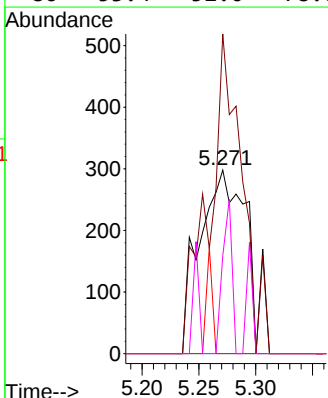
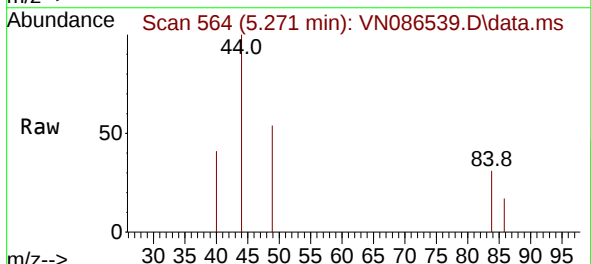


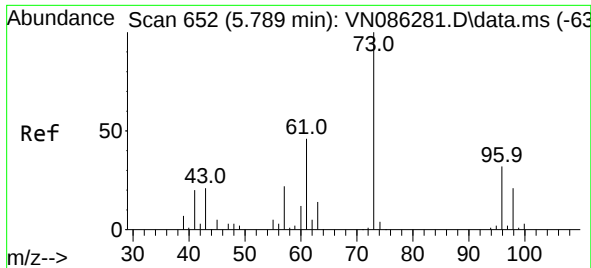
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
74 6.1 19.8 29.6#



#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 84 Resp: 882
Ion Ratio Lower Upper
84 100
49 174.2 98.2 147.2#
51 0.0 29.8 44.6#
86 53.4 52.0 78.0

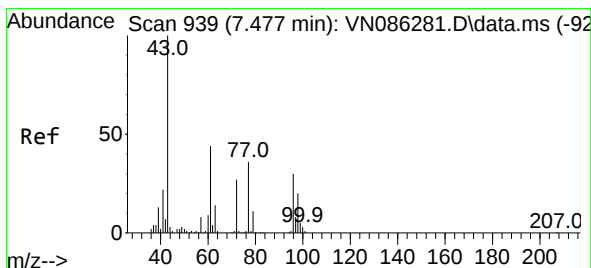
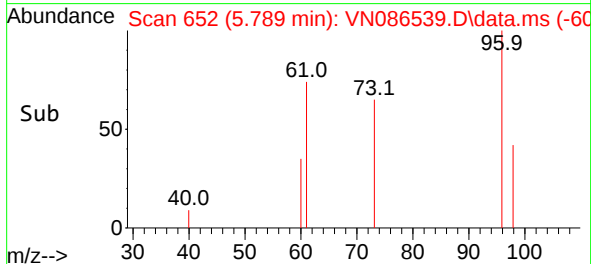
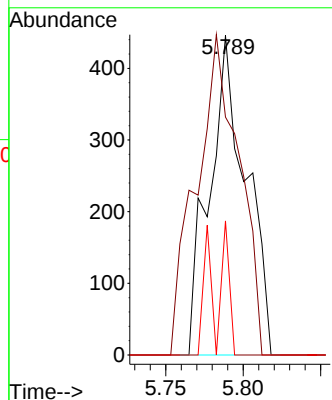
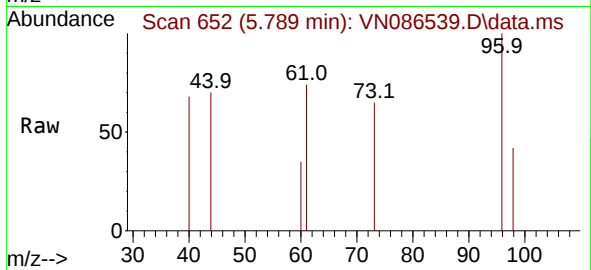




#21
trans-1,2-Dichloroethene
Concen: 0.299 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

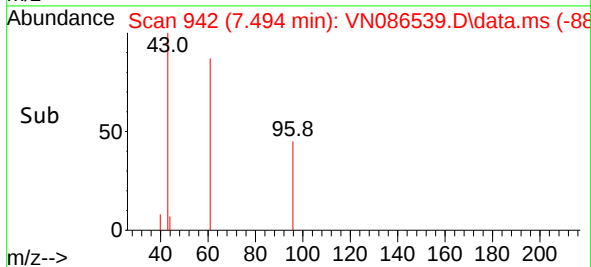
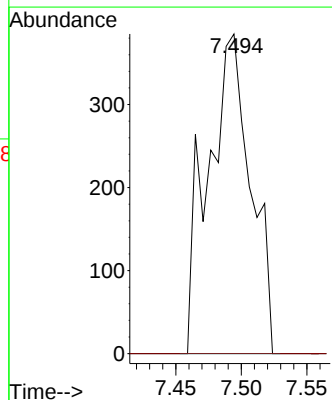
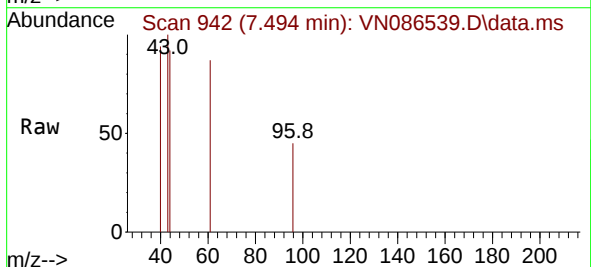
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

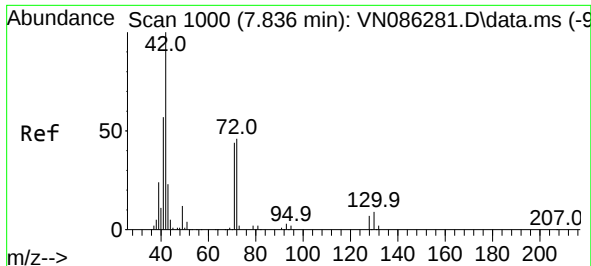
Tgt Ion: 96 Resp: 732
Ion Ratio Lower Upper
96 100
61 74.4 114.6 171.8#
98 41.9 51.2 76.8#



#25
2-Butanone
Concen: 0.488 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.738 ug/l

RT: 7.841 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0508MBL01

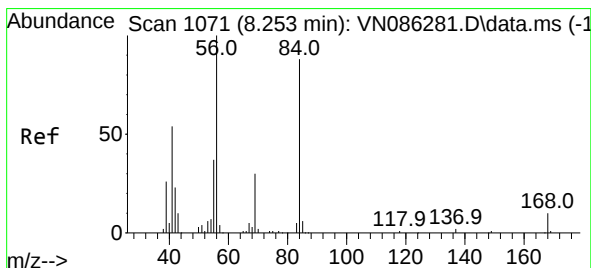
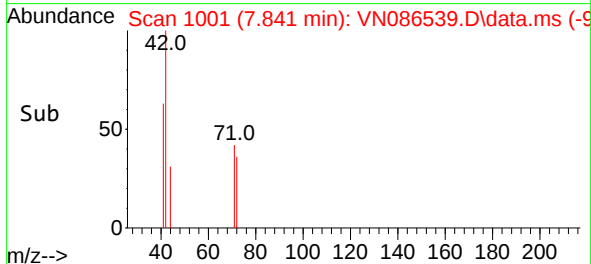
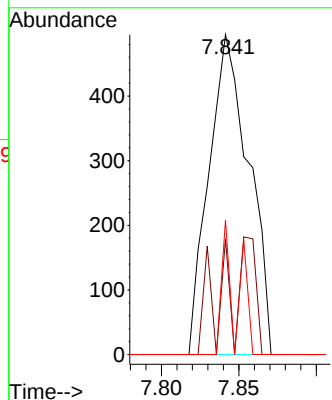
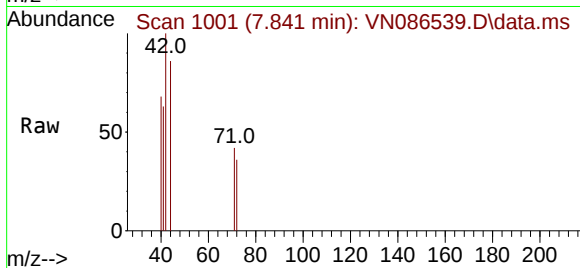
Tgt Ion: 42 Resp: 886

Ion Ratio Lower Upper

42 100

72 21.6 36.2 54.4#

71 15.3 34.0 51.0#



#31

Cyclohexane

Concen: 0.919 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

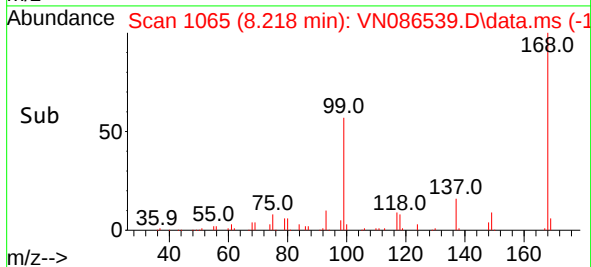
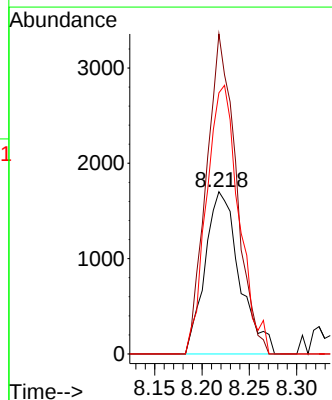
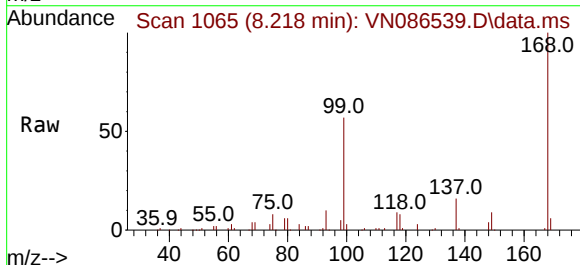
Tgt Ion: 56 Resp: 4294

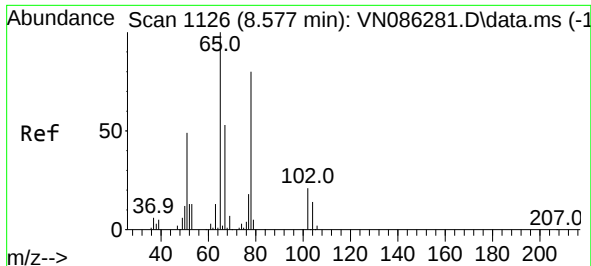
Ion Ratio Lower Upper

56 100

69 197.2 24.2 36.2#

84 161.0 70.3 105.5#

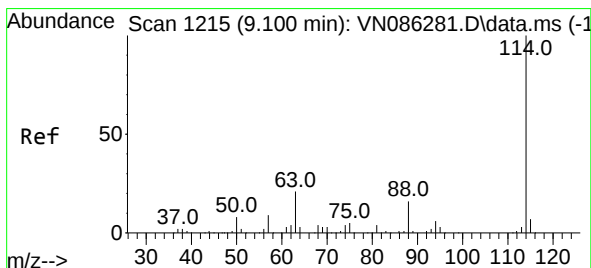
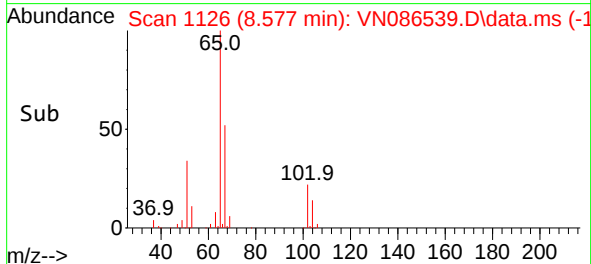
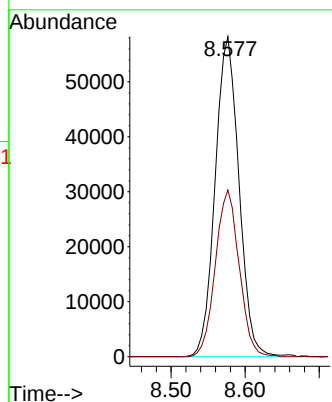
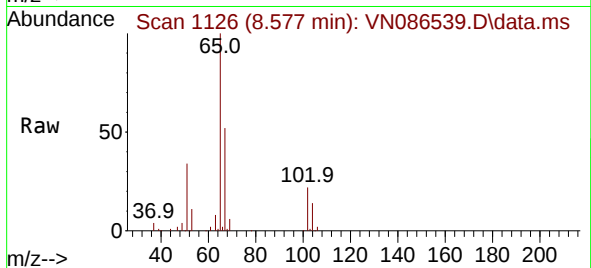




#33
 1,2-Dichloroethane-d4
 Concen: 44.983 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086539.D
 Acq: 08 May 2025 12:35

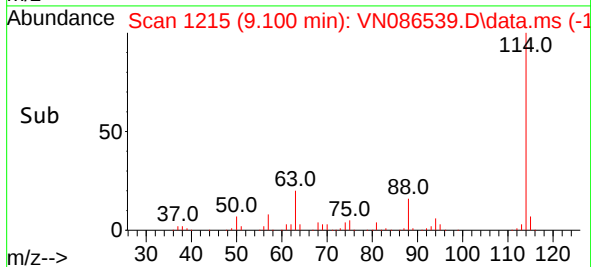
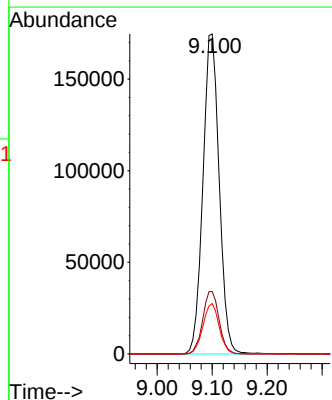
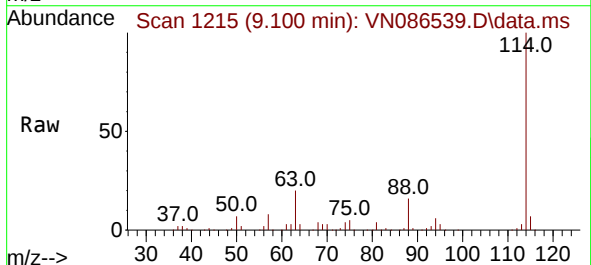
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508MBL01

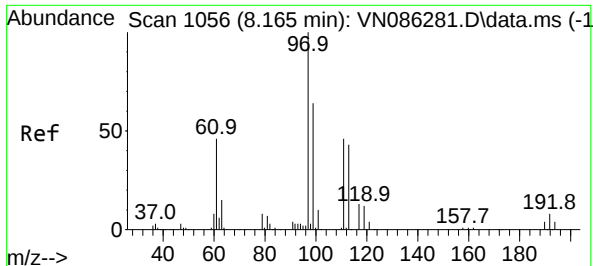
Tgt Ion: 65 Resp: 129685
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086539.D
 Acq: 08 May 2025 12:35

Tgt Ion: 114 Resp: 359173
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.6
 88 15.8 0.0 31.8

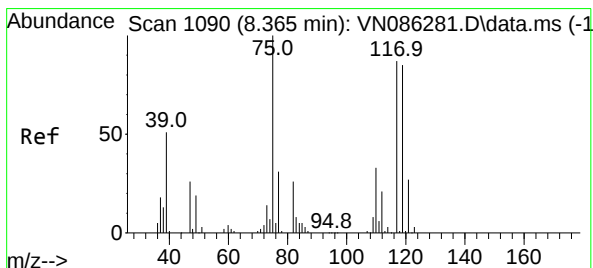
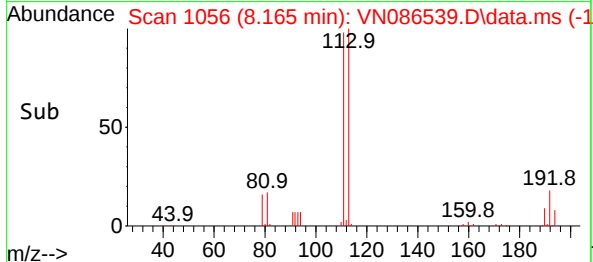
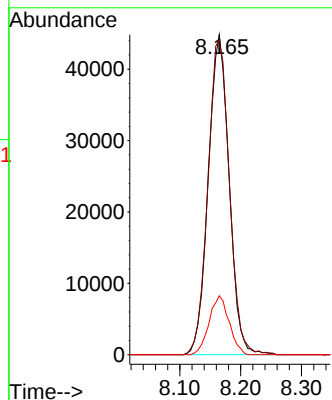
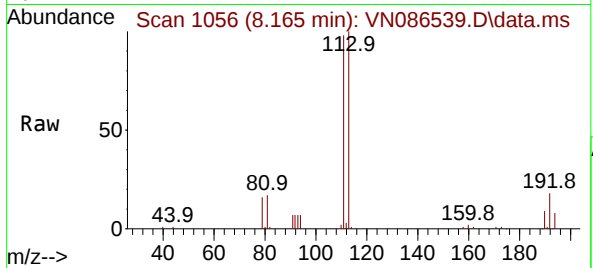




#35
Dibromofluoromethane
Concen: 64.023 ug/l
RT: 8.165 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

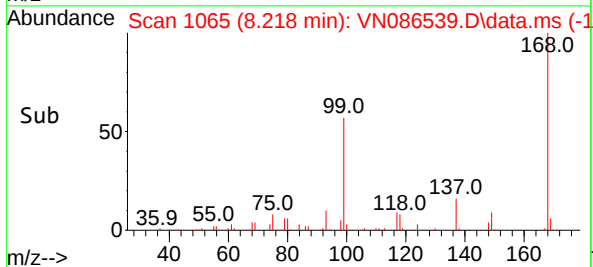
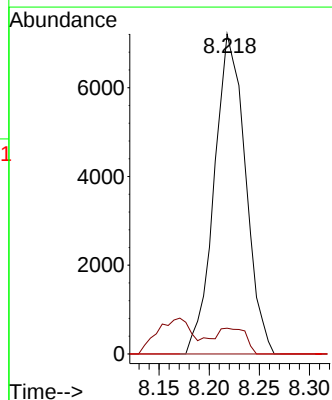
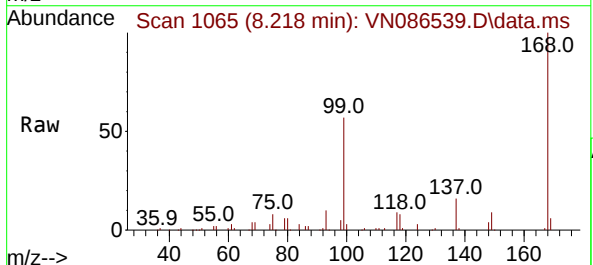
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

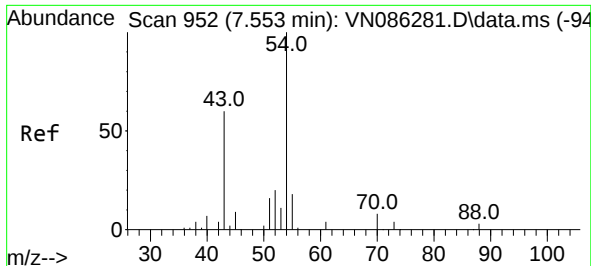
Tgt Ion:113 Resp: 106724
Ion Ratio Lower Upper
113 100
111 101.5 83.4 125.0
192 17.7 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 75 Resp: 15596
Ion Ratio Lower Upper
75 100
110 7.5 16.8 50.4#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.250 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.059 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0508MBL01

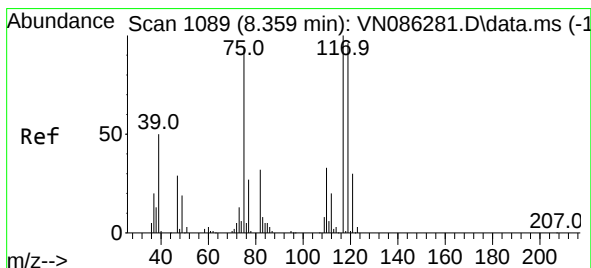
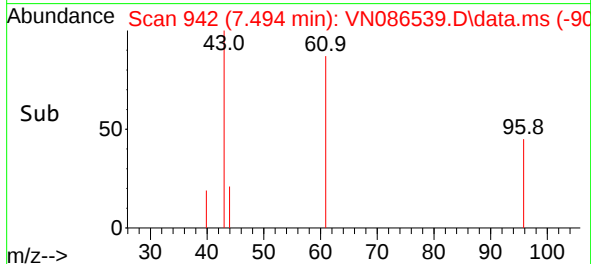
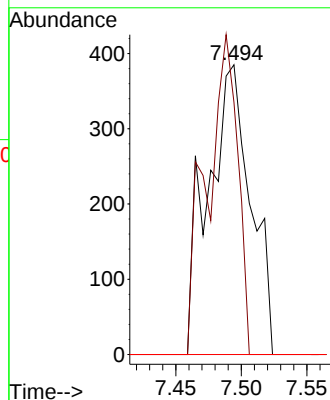
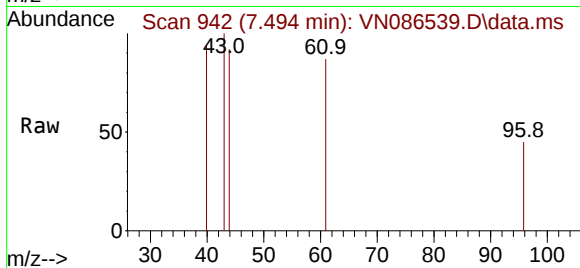
Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

61 79.4 11.1 16.7#

70 0.0 9.2 13.8#



#38

Carbon Tetrachloride

Concen: 6.131 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

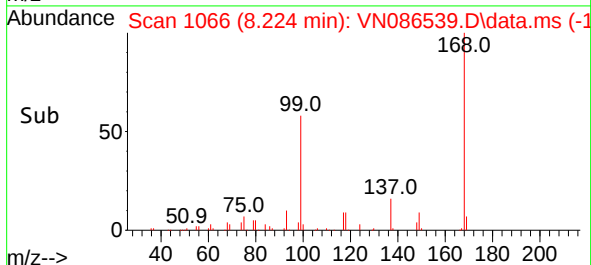
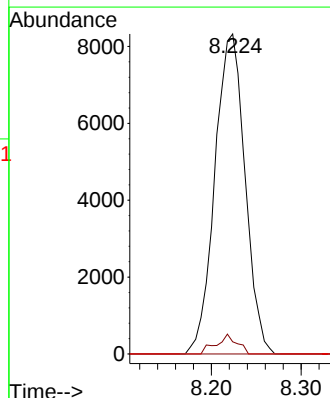
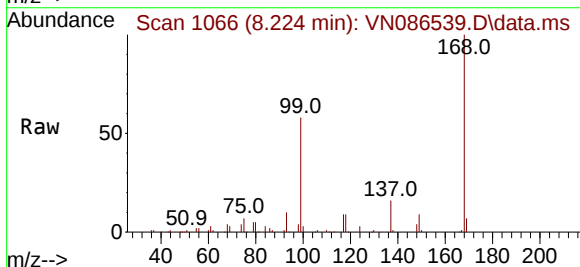
Tgt Ion: 117 Resp: 19440

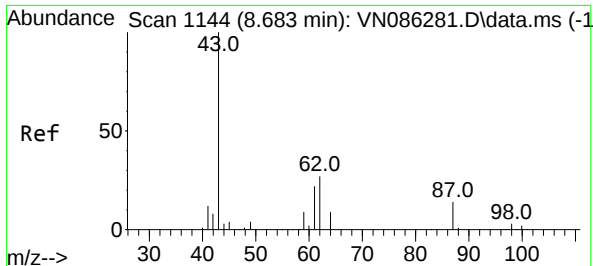
Ion Ratio Lower Upper

117 100

119 3.8 76.8 115.2#

121 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.659 min Scan# 1140

Delta R.T. -0.024 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0508MBL01

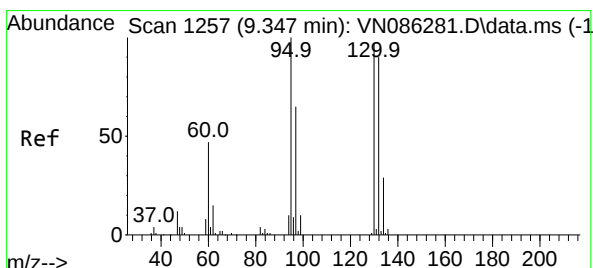
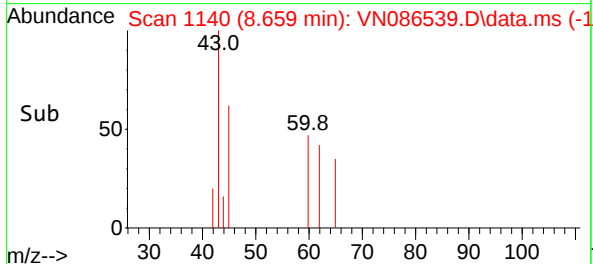
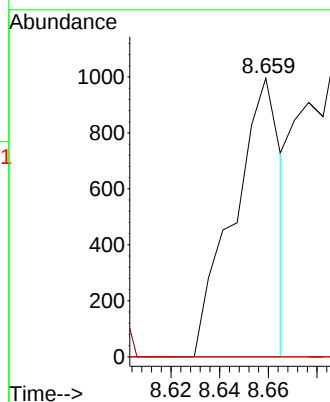
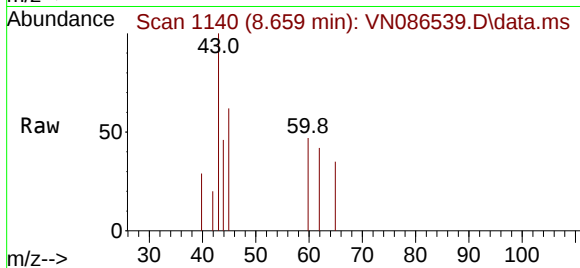
Tgt Ion: 43 Resp: 1330

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#



#44

Trichloroethene

Concen: 0.220 ug/l

RT: 9.341 min Scan# 1256

Delta R.T. -0.006 min

Lab File: VN086539.D

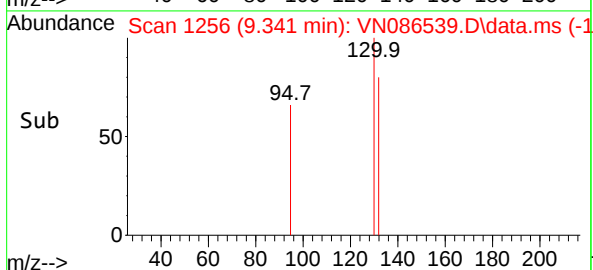
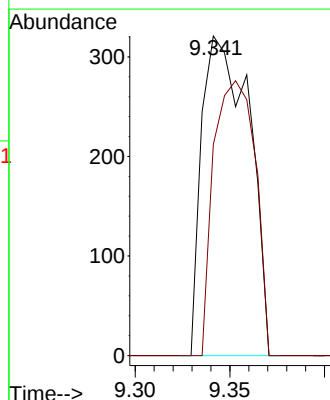
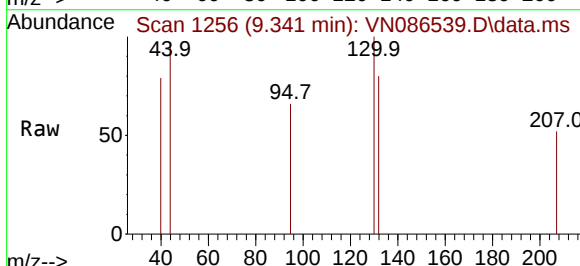
Acq: 08 May 2025 12:35

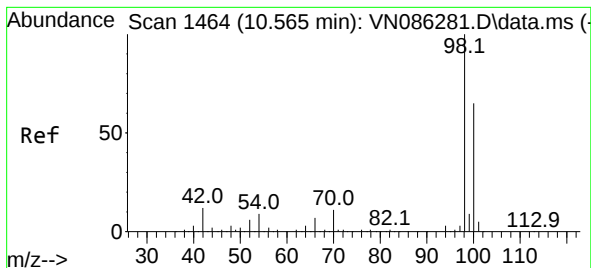
Tgt Ion:130 Resp: 556

Ion Ratio Lower Upper

130 100

95 66.0 0.0 207.2





#50

Toluene-d8

Concen: 49.895 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

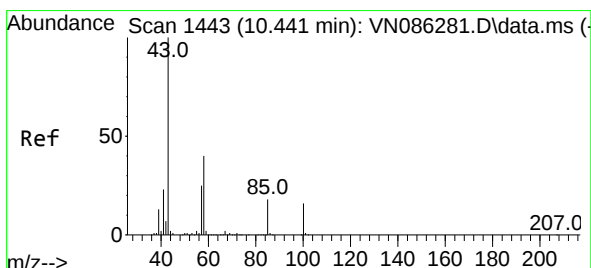
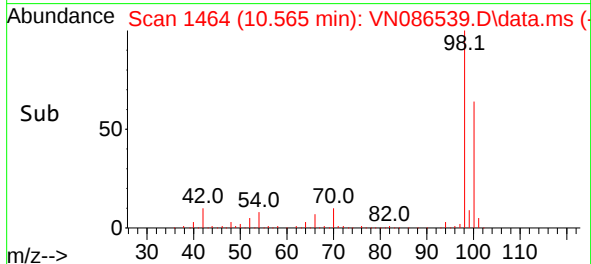
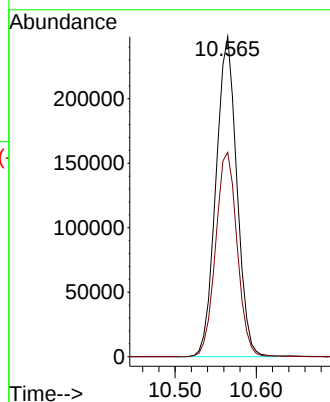
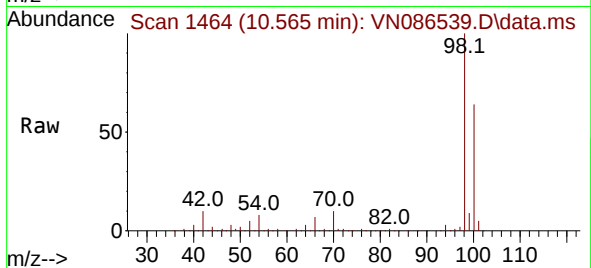
VN0508MBL01

Tgt Ion: 98 Resp: 444522

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.267 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN086539.D

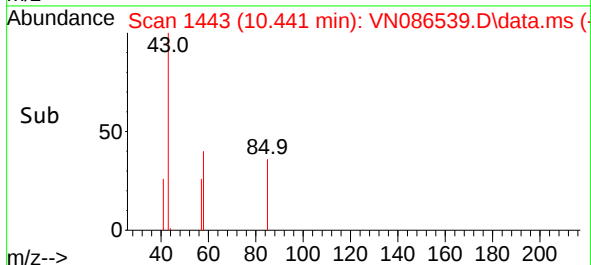
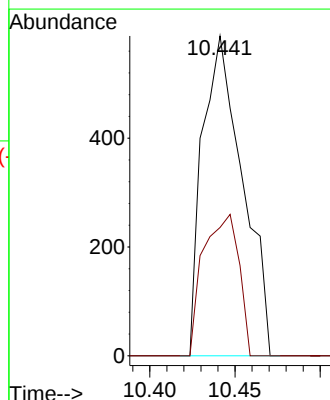
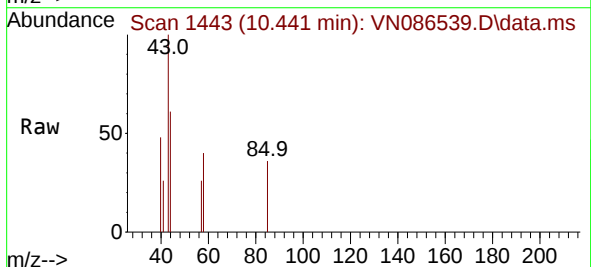
Acq: 08 May 2025 12:35

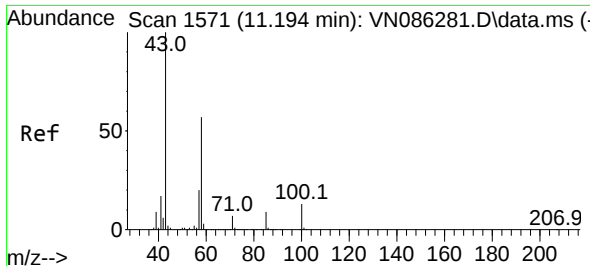
Tgt Ion: 43 Resp: 960

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.4

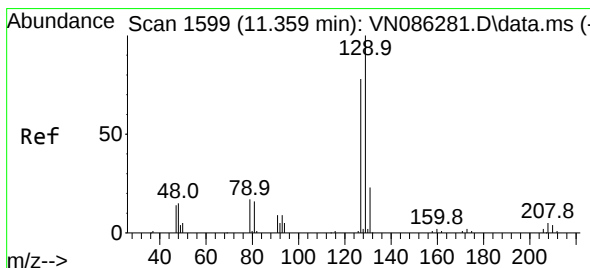
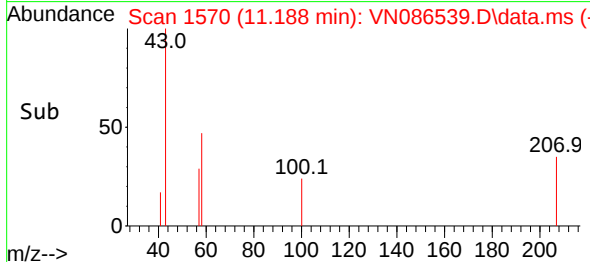
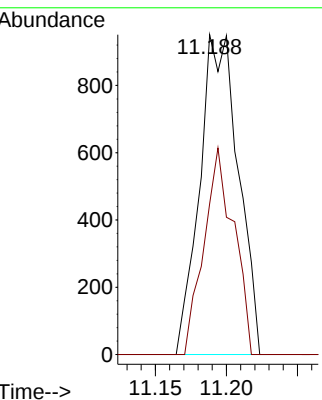
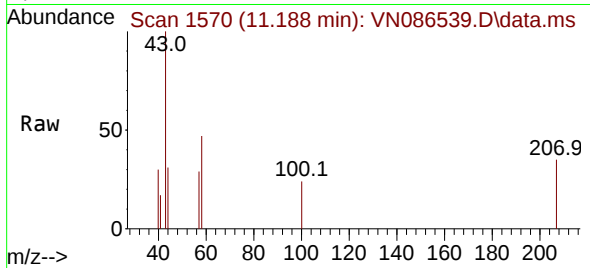




#59
2-Hexanone
Concen: 0.676 ug/l
RT: 11.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

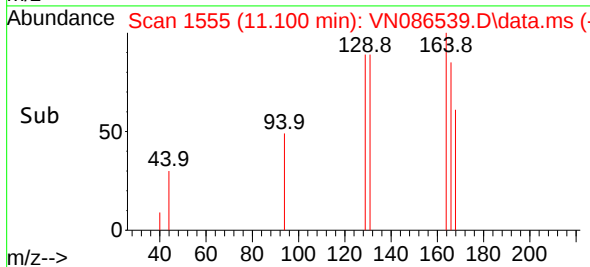
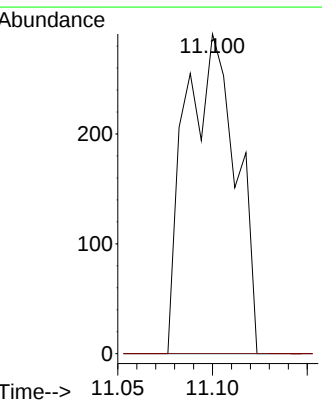
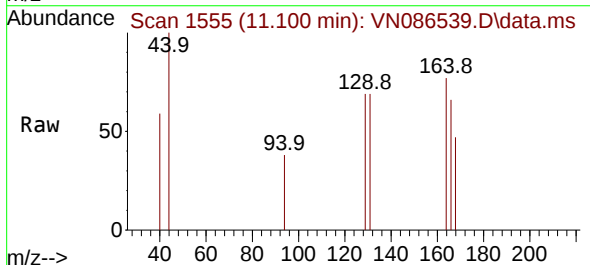
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

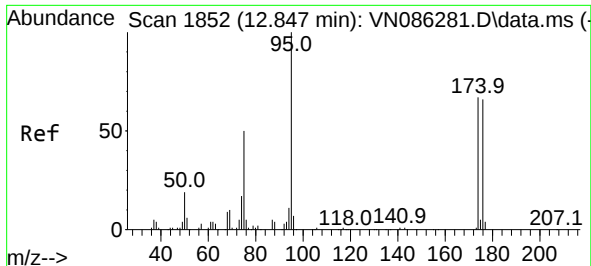
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 49.8 28.3 85.0



#60
Dibromochloromethane
Concen: 0.206 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 129 Resp: 541
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

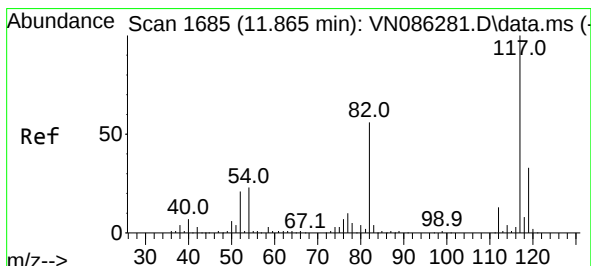
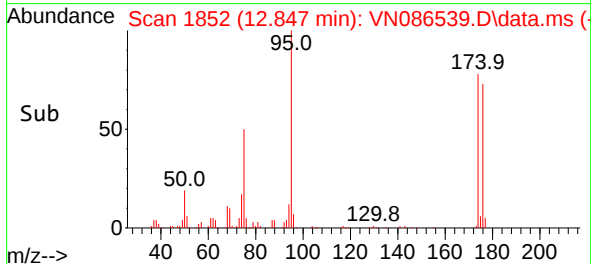
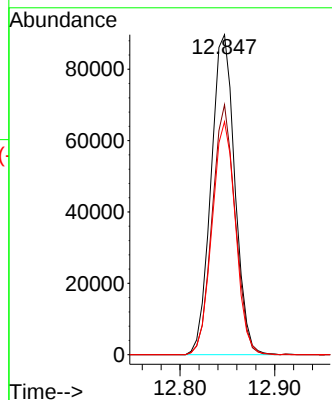
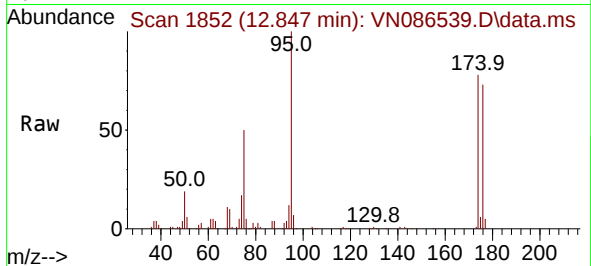




#62
4-Bromofluorobenzene
Concen: 48.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

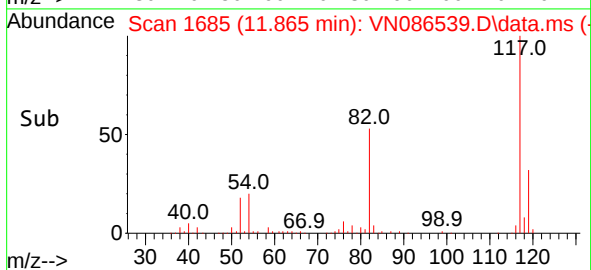
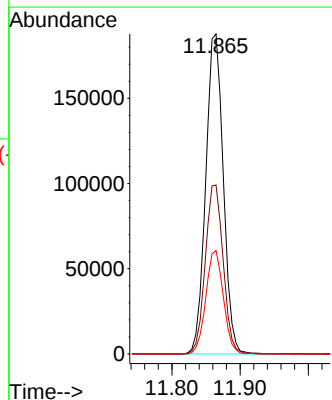
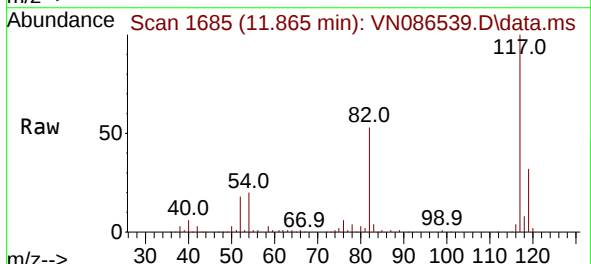
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

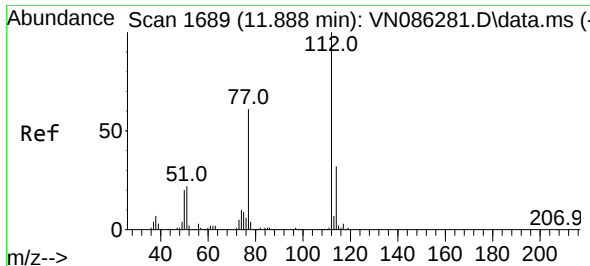
Tgt Ion: 95 Resp: 156931
Ion Ratio Lower Upper
95 100
174 75.6 0.0 133.4
176 71.7 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 117 Resp: 337197
Ion Ratio Lower Upper
117 100
82 52.8 44.7 67.1
119 32.3 26.4 39.6

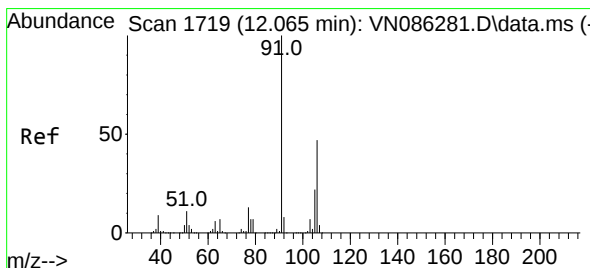
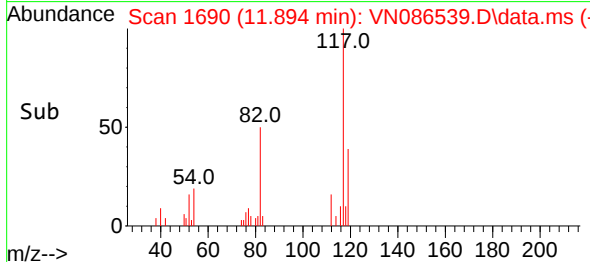
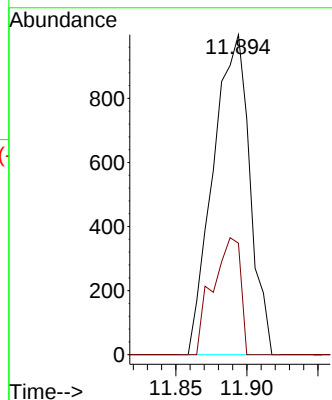
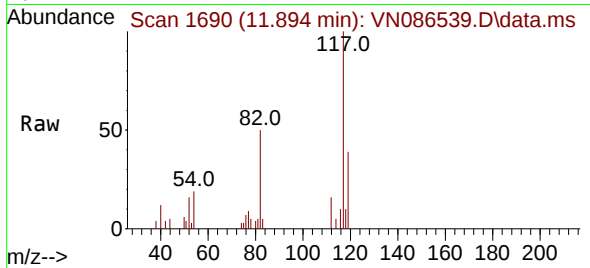




#65
Chlorobenzene
Concen: 0.239 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

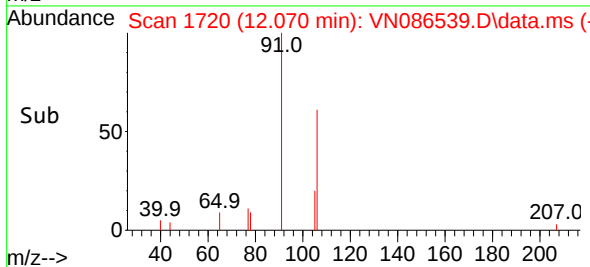
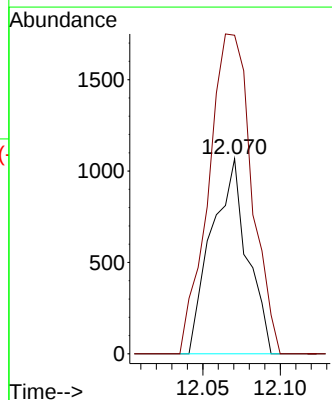
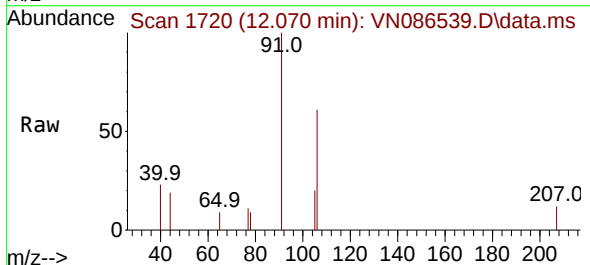
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

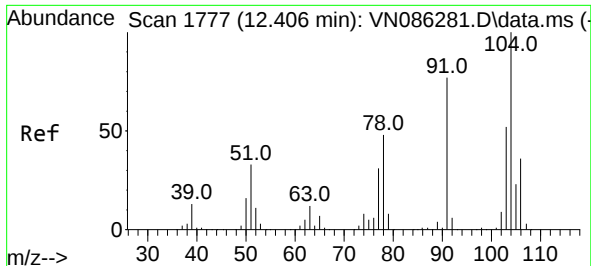
Tgt Ion:112 Resp: 1795
Ion Ratio Lower Upper
112 100
114 34.8 25.4 38.0



#68
m/p-Xylenes
Concen: 0.337 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion:106 Resp: 1714
Ion Ratio Lower Upper
106 100
91 197.4 166.5 249.7

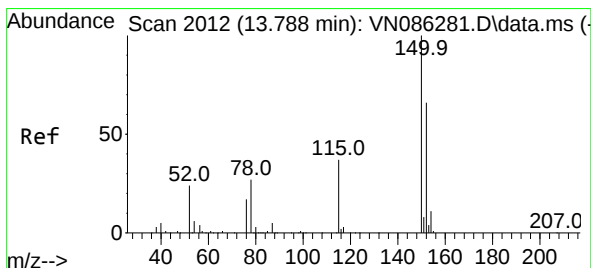
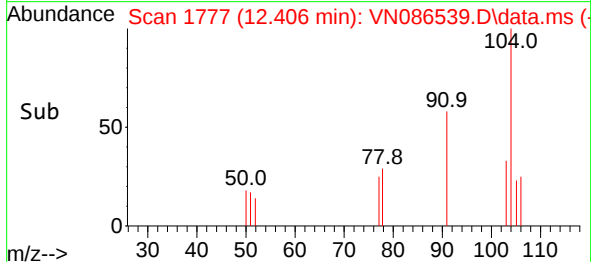
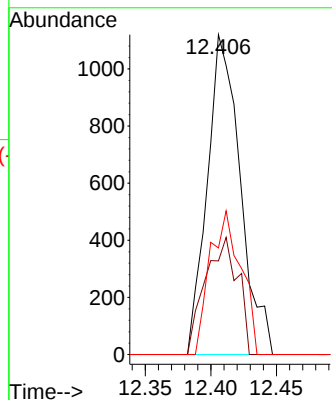
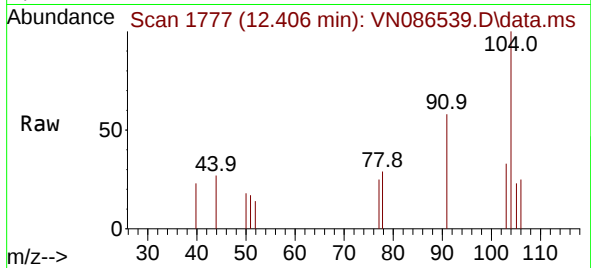




#70
Styrene
Concen: 0.234 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

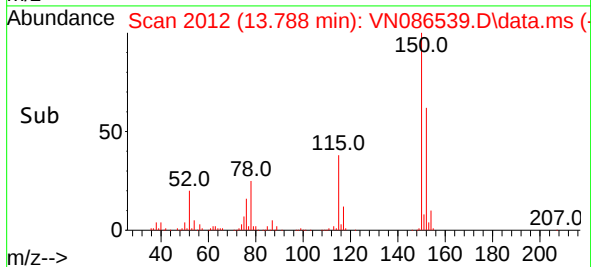
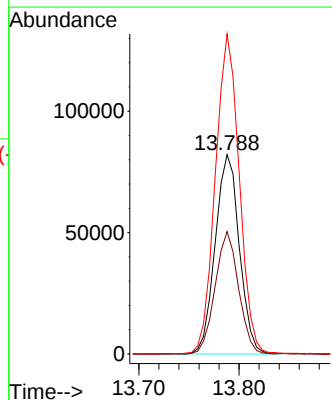
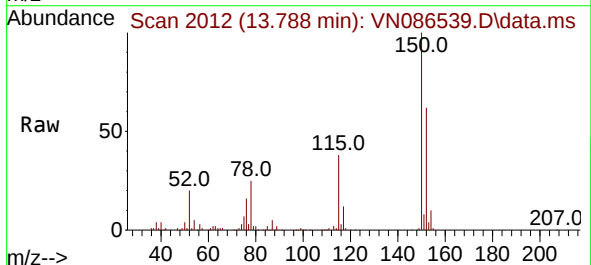
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

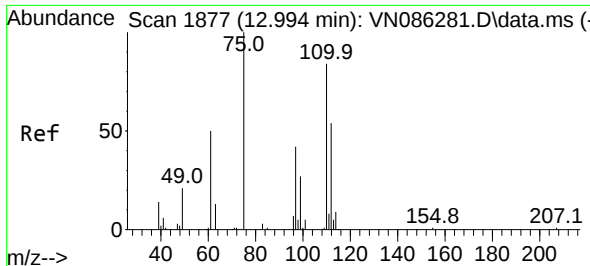
Tgt Ion:104 Resp: 1960
Ion Ratio Lower Upper
104 100
78 36.1 40.6 61.0#
103 42.1 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion:152 Resp: 137015
Ion Ratio Lower Upper
152 100
115 59.6 31.9 95.9
150 159.8 0.0 352.0

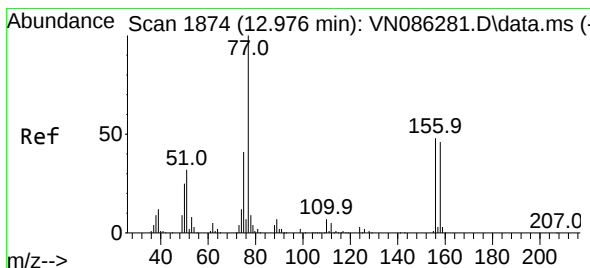
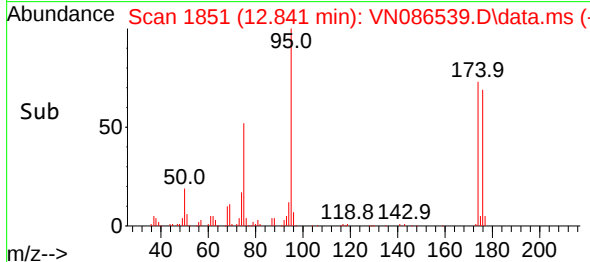
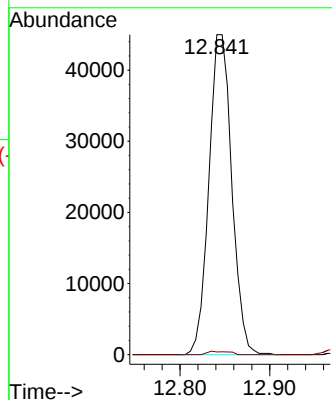
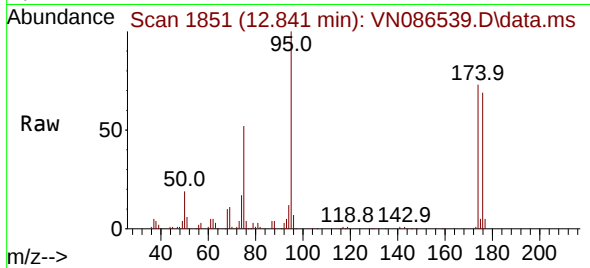




#76
1,2,3-Trichloropropane
Concen: 24.651 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.153 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

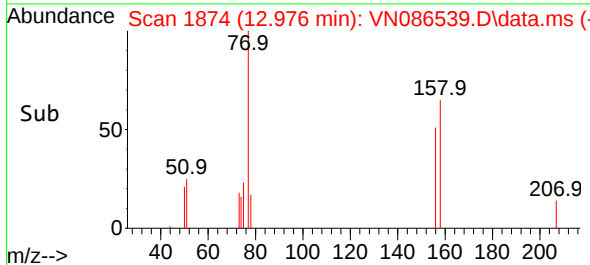
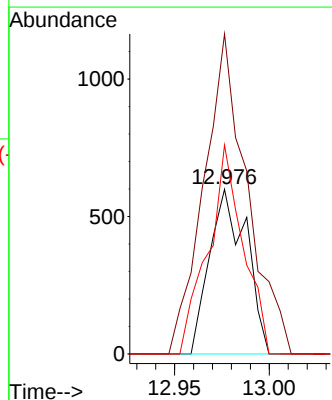
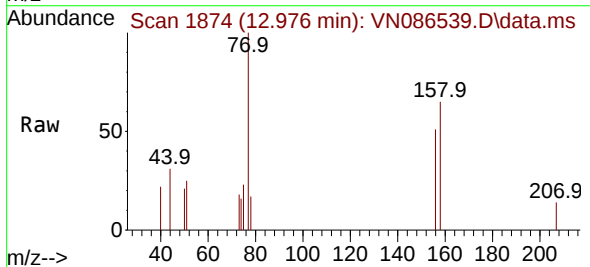
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

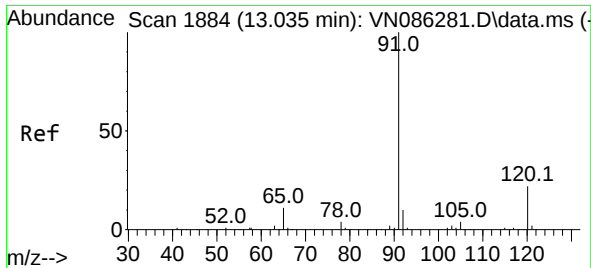
Tgt Ion: 75 Resp: 79706
Ion Ratio Lower Upper
75 100
77 1.0 98.8 296.4#



#77
Bromobenzene
Concen: 0.327 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion:156 Resp: 813
Ion Ratio Lower Upper
156 100
77 226.9 121.1 363.1
158 120.5 47.9 143.6

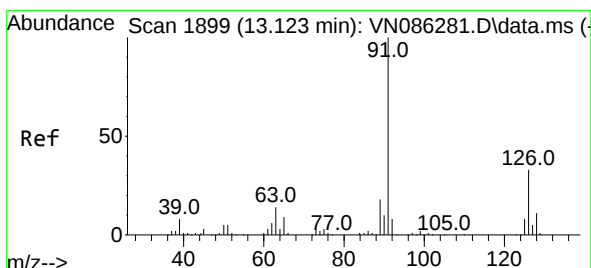
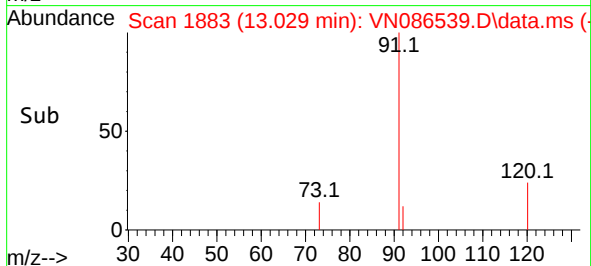
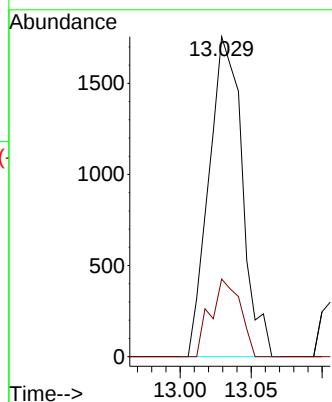
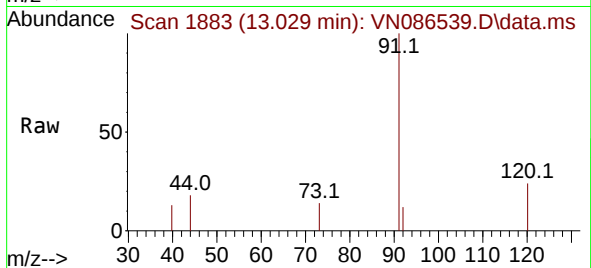




#78
n-propylbenzene
Concen: 0.217 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

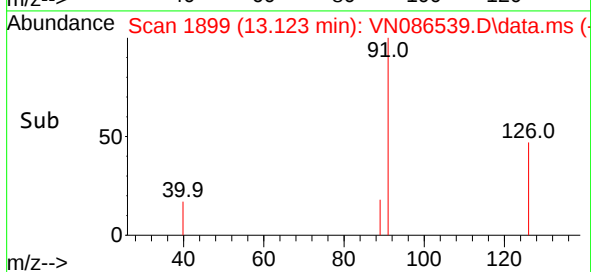
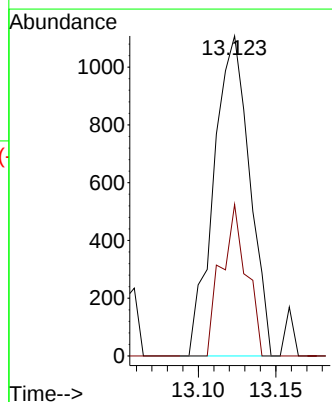
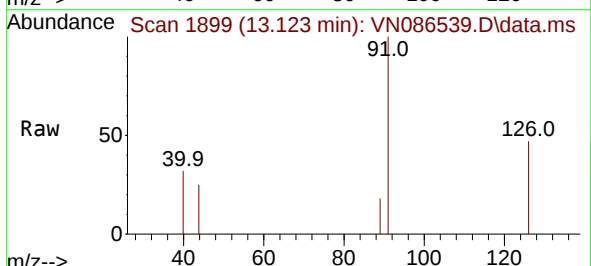
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

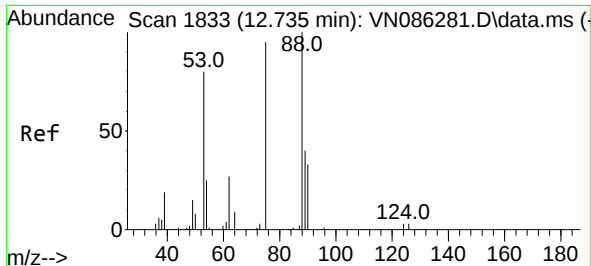
Tgt Ion: 91 Resp: 2863
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.3



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 91 Resp: 1783
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2

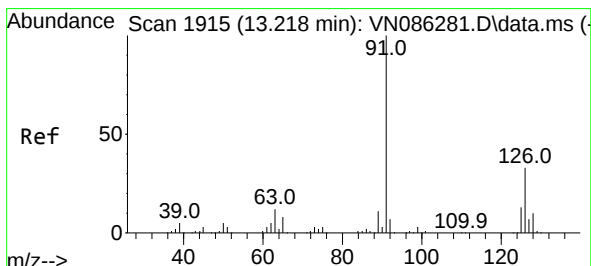
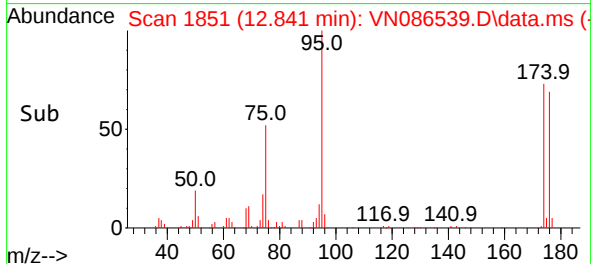
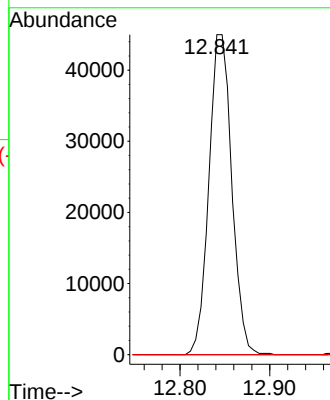
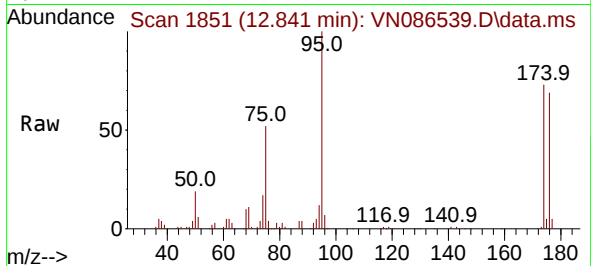




#81
trans-1,4-Dichloro-2-butene
Concen: 59.203 ug/l
RT: 12.841 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

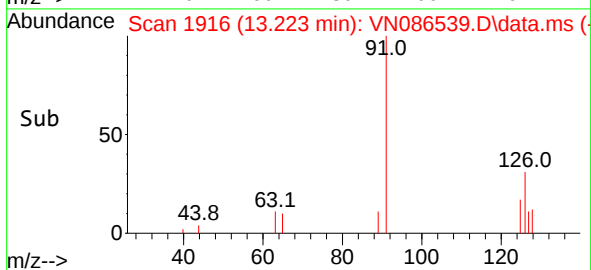
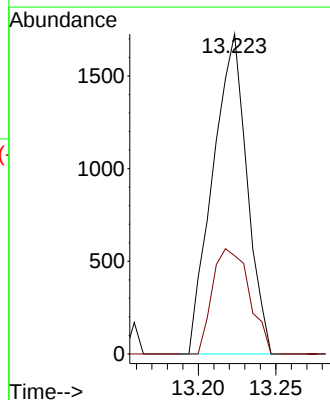
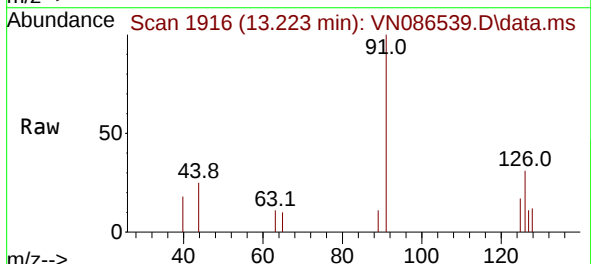
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

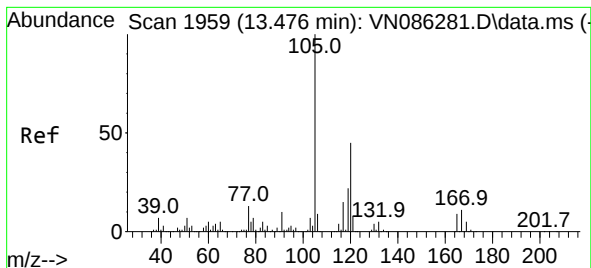
Tgt Ion: 75 Resp: 79706
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.323 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 91 Resp: 2648
Ion Ratio Lower Upper
91 100
126 35.4 16.2 48.6





#84

1,2,4-Trimethylbenzene

Concen: 0.214 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

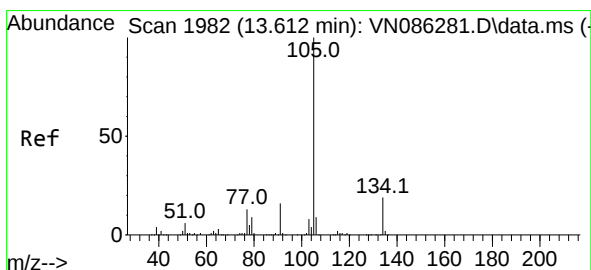
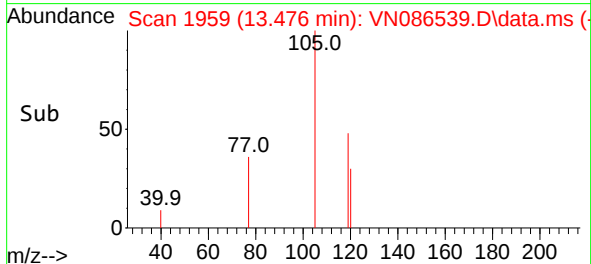
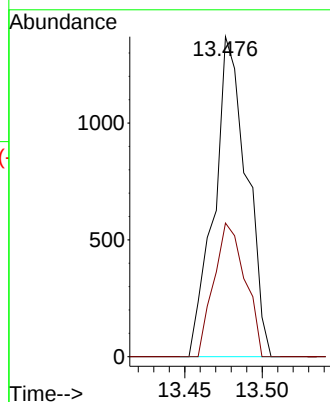
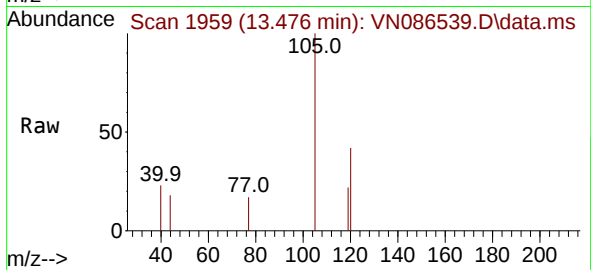
VN0508MBL01

Tgt Ion:105 Resp: 1995

Ion Ratio Lower Upper

105 100

120 40.0 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.306 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086539.D

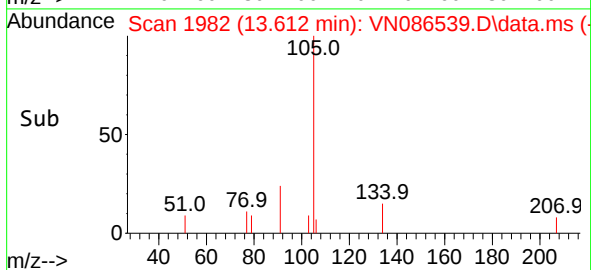
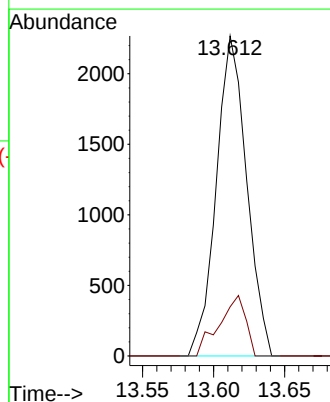
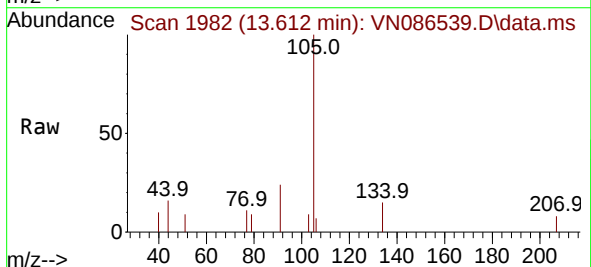
Acq: 08 May 2025 12:35

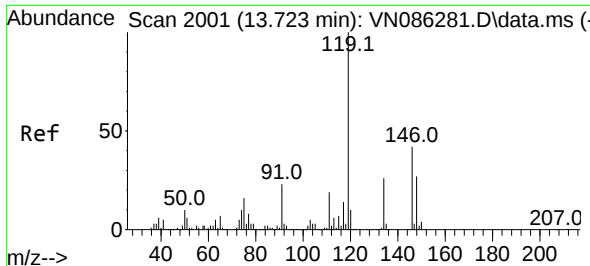
Tgt Ion:105 Resp: 3376

Ion Ratio Lower Upper

105 100

134 16.5 9.7 29.1

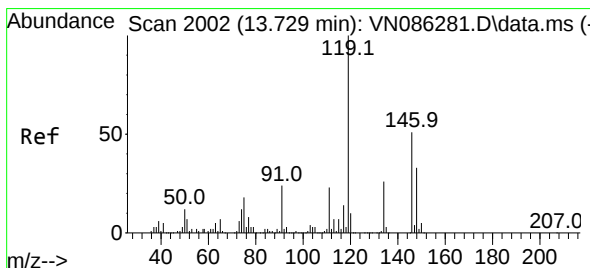
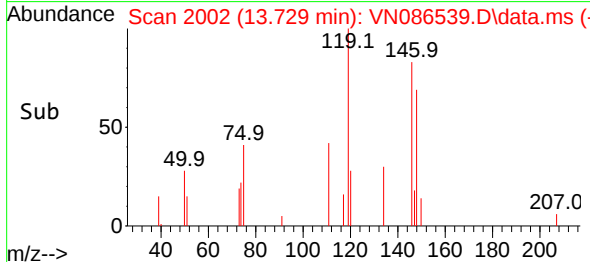
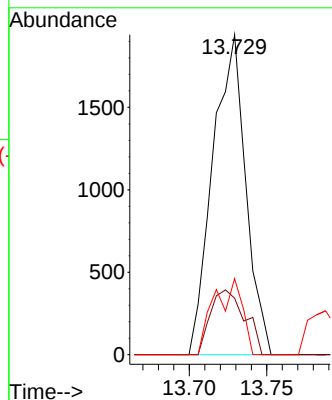
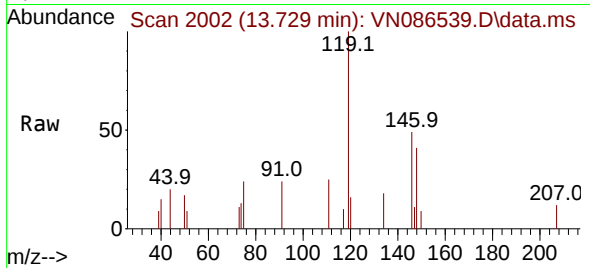




#86
p-Isopropyltoluene
Concen: 0.315 ug/l
RT: 13.729 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

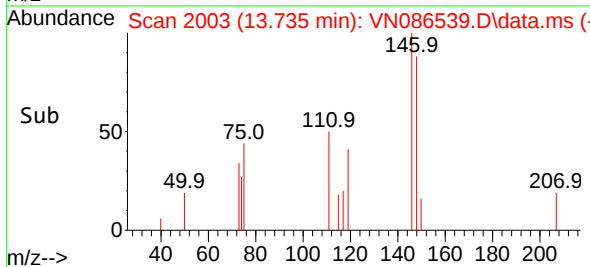
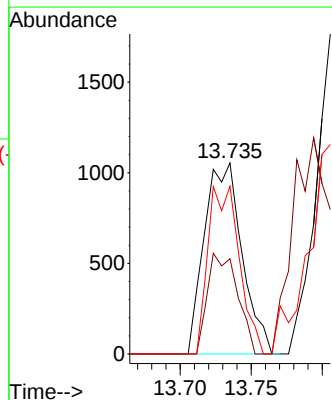
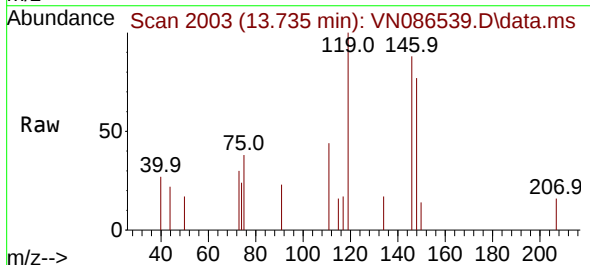
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

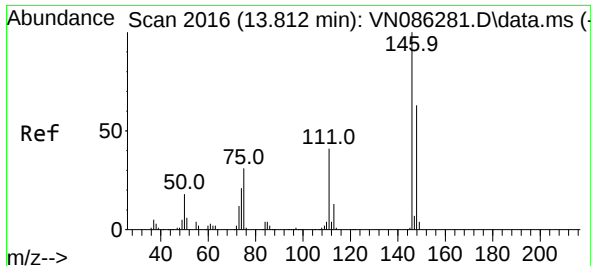
Tgt Ion:119 Resp: 2864
Ion Ratio Lower Upper
119 100
134 21.2 13.1 39.1
91 20.3 11.9 35.9



#87
1,3-Dichlorobenzene
Concen: 0.415 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion:146 Resp: 1938
Ion Ratio Lower Upper
146 100
111 42.2 21.9 65.7
148 73.0 31.9 95.5

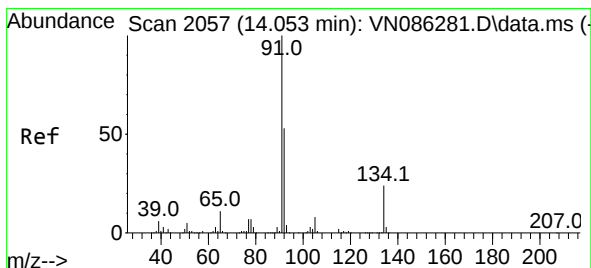
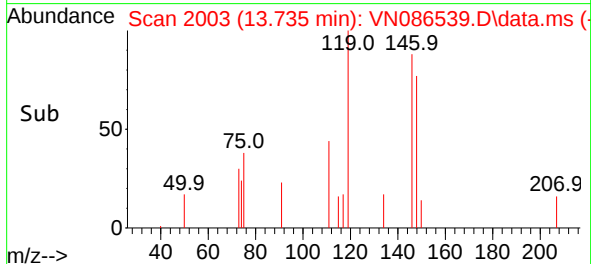
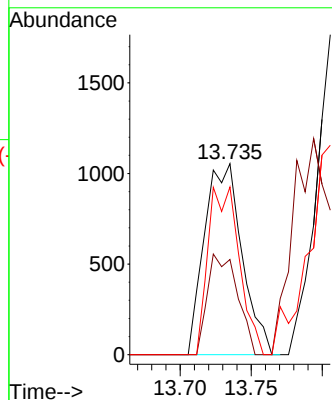
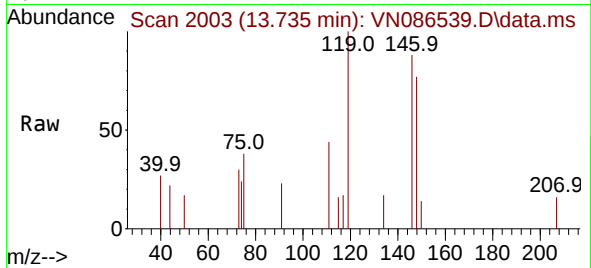




#88
1,4-Dichlorobenzene
Concen: 0.412 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

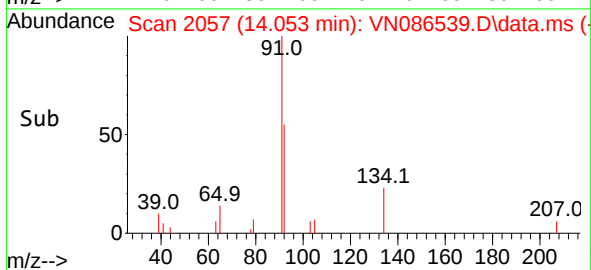
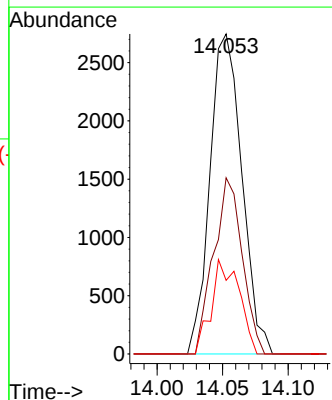
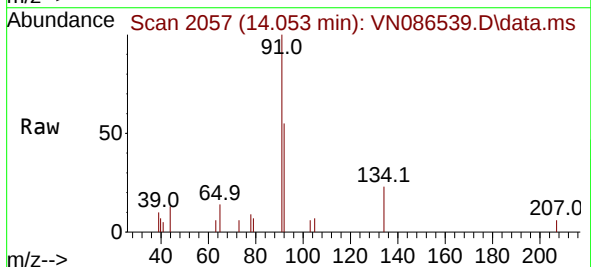
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

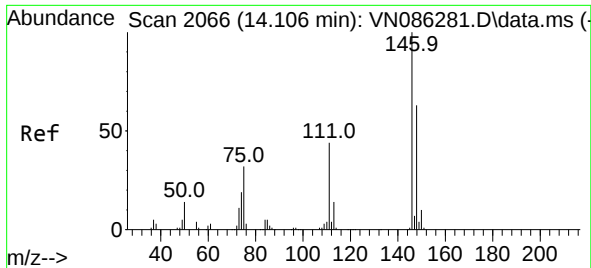
Tgt Ion:146 Resp: 1938
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 73.0 31.9 95.9



#89
n-Butylbenzene
Concen: 0.578 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

Tgt Ion: 91 Resp: 4657
Ion Ratio Lower Upper
91 100
92 49.4 26.8 80.4
134 25.7 12.2 36.6





#91

1,2-Dichlorobenzene

Concen: 0.480 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0508MBL01

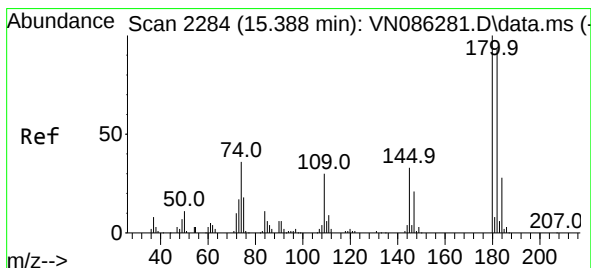
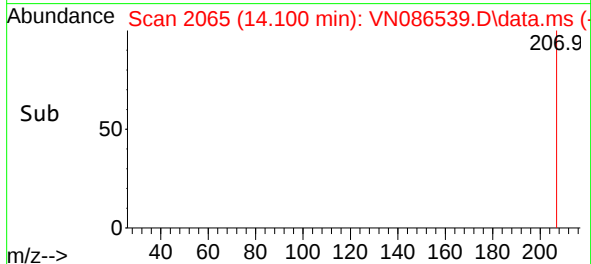
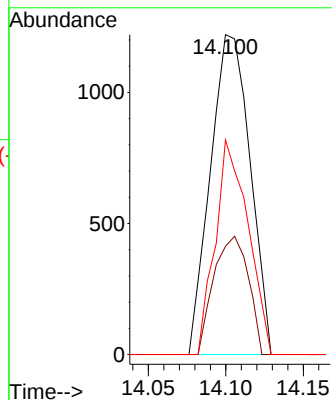
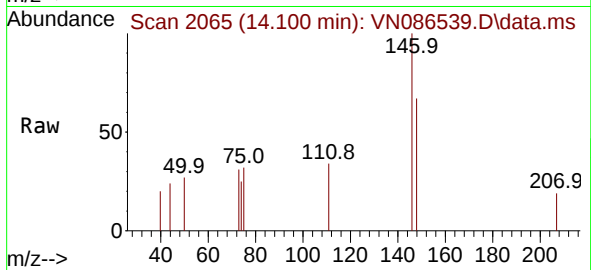
Tgt Ion:146 Resp: 2172

Ion Ratio Lower Upper

146 100

111 32.3 22.4 67.0

148 55.4 31.8 95.4



#93

1,2,4-Trichlorobenzene

Concen: 1.340 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN086539.D

Acq: 08 May 2025 12:35

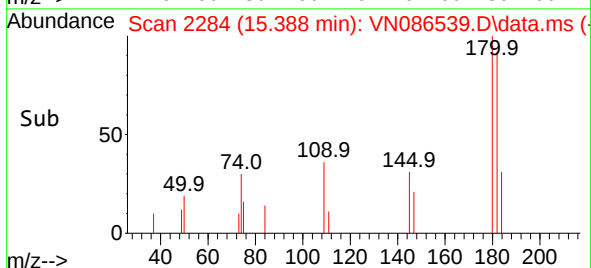
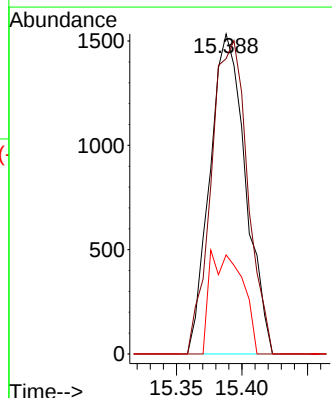
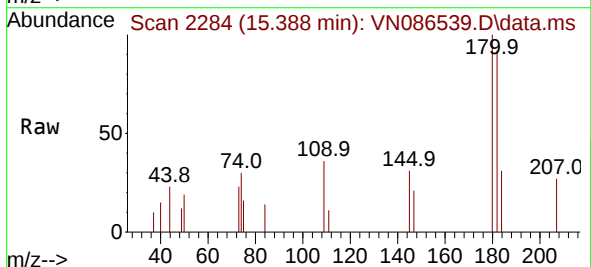
Tgt Ion:180 Resp: 2904

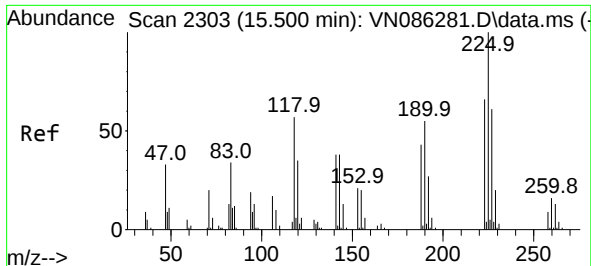
Ion Ratio Lower Upper

180 100

182 100.0 47.0 141.0

145 29.2 16.4 49.1

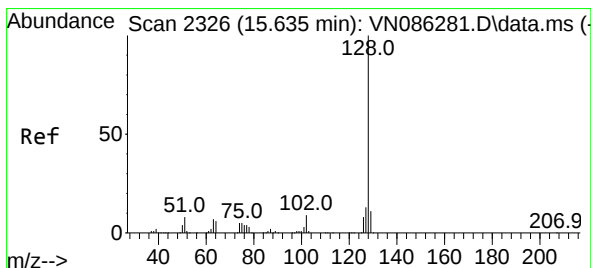
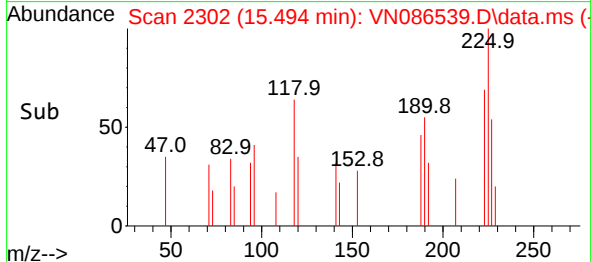
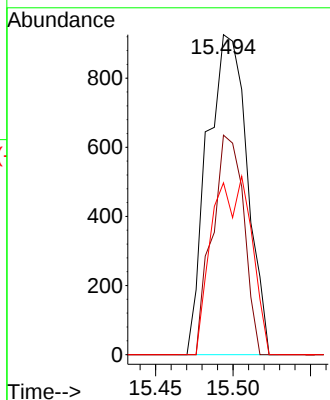
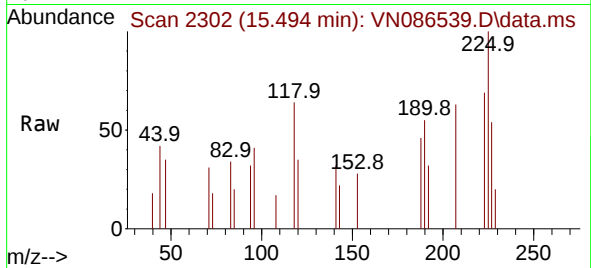




#94
Hexachlorobutadiene
Concen: 2.027 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

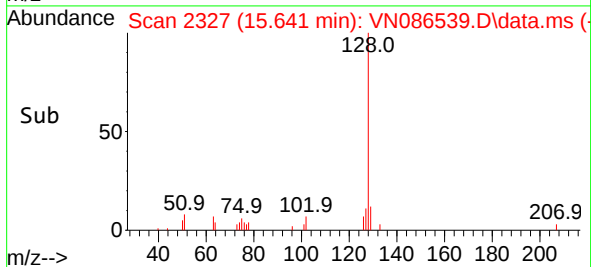
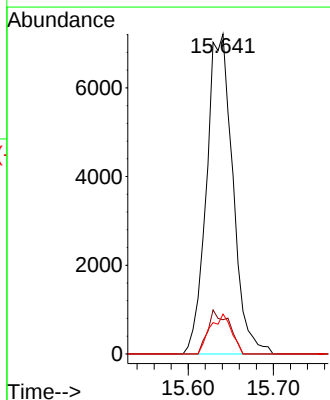
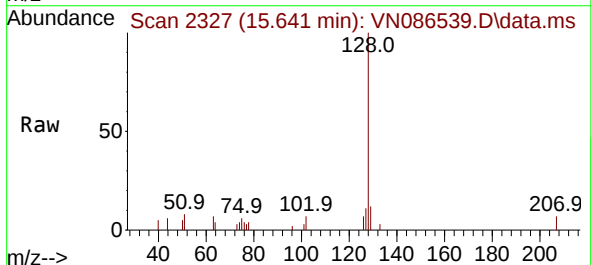
Instrument :
MSVOA_N
ClientSampleId :
VN0508MBL01

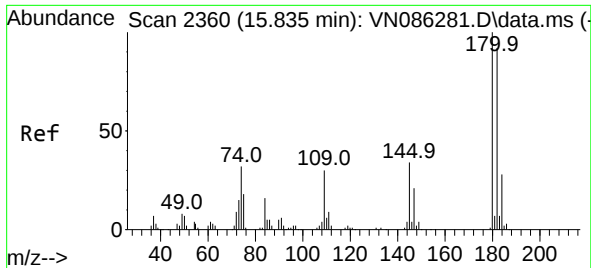
Tgt Ion:225 Resp: 1658
Ion Ratio Lower Upper
225 100
223 54.0 32.8 98.3
227 55.1 31.4 94.0



#95
Naphthalene
Concen: 2.014 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086539.D
Acq: 08 May 2025 12:35

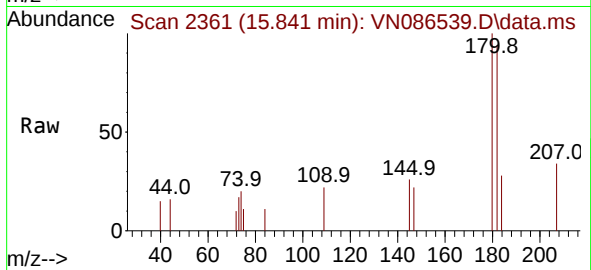
Tgt Ion:128 Resp: 15476
Ion Ratio Lower Upper
128 100
127 11.2 10.2 15.4
129 10.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.767 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086539.D
 Acq: 08 May 2025 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508MBL01



Tgt Ion:	180	Resp:	3625
Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.3	142.0
145	27.3	17.2	51.5

