

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086007.D
 Acq On : 19 Mar 2025 14:16
 Operator : JC\MD
 Sample : VN0319WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

Quant Time: Mar 20 01:30:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

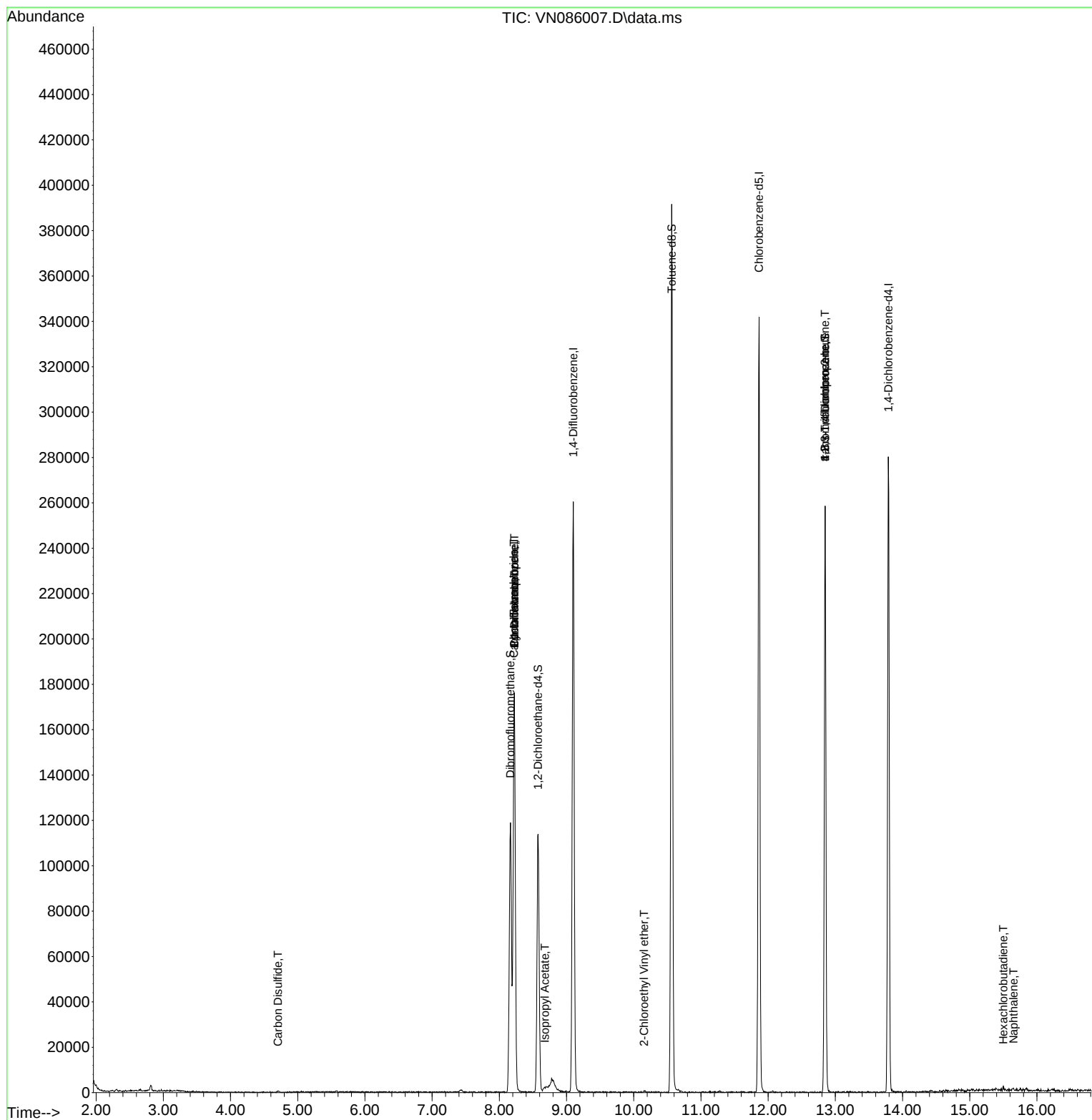
Internal Standards						
1) Pentafluorobenzene	8.224	168	127231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	225185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98233	56.384	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.760%			
35) Dibromofluoromethane	8.165	113	83134	52.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	10.565	98	272057	47.692	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.380%			
62) 4-Bromofluorobenzene	12.847	95	87895	43.205	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.420%			
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.706	76	899	0.210	ug/l #	74
31) Cyclohexane	8.224	56	2824	1.301	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	10322	4.987	ug/l #	49
38) Carbon Tetrachloride	8.218	117	13368	4.913	ug/l #	17
43) Isopropyl Acetate	8.677	43	1216	0.321	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.153	63	570	4.218	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	44905	24.312	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	44905	64.277	ug/l #	16
94) Hexachlorobutadiene	15.500	225	213	0.259	ug/l	88
95) Naphthalene	15.653	128	1334	0.325	ug/l #	69

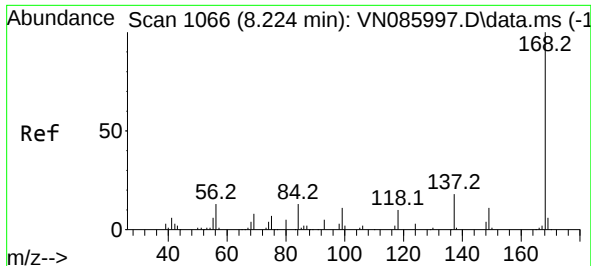
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
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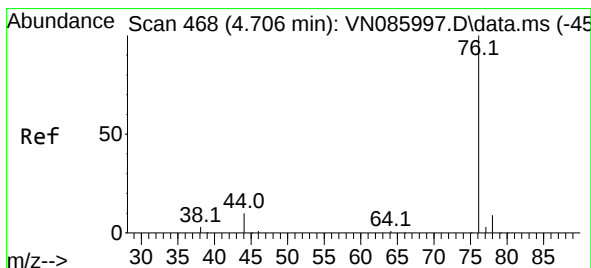
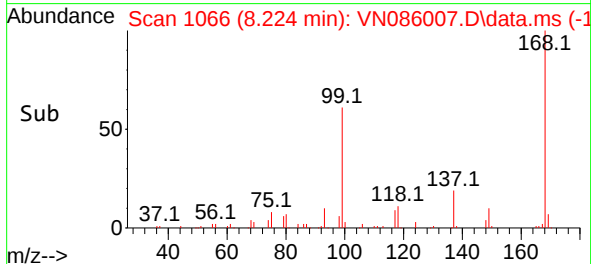
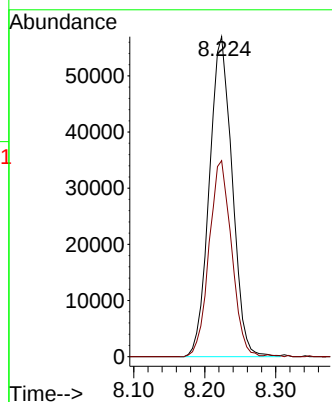
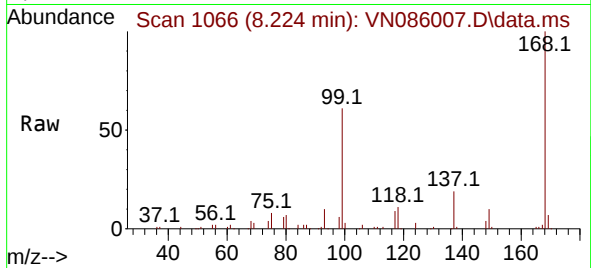




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

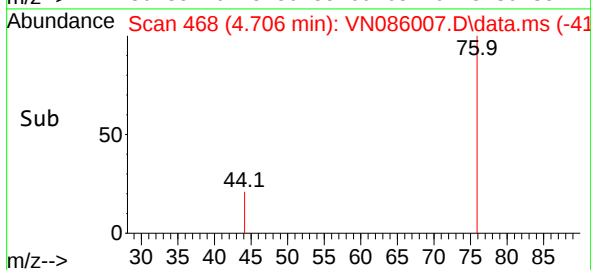
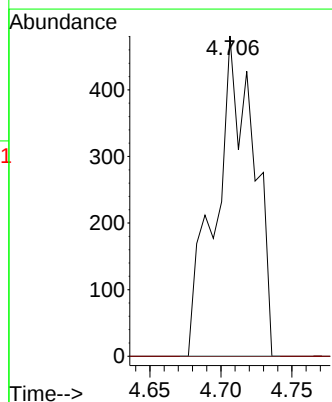
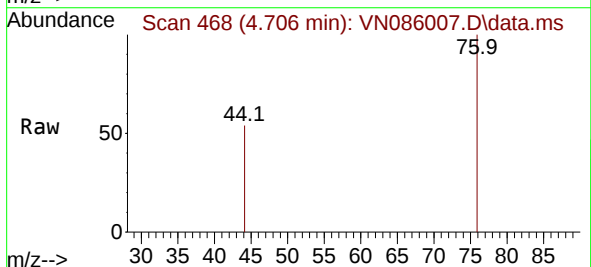
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

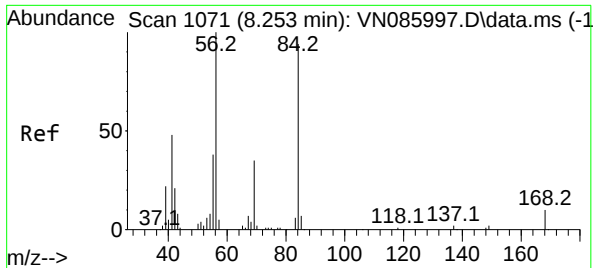
Tgt Ion:168 Resp: 127231
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.2



#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 76 Resp: 899
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

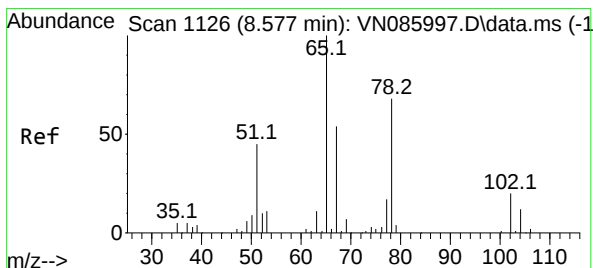
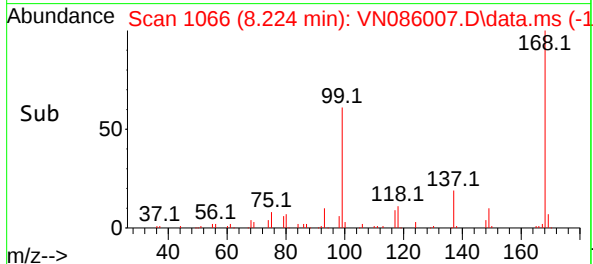
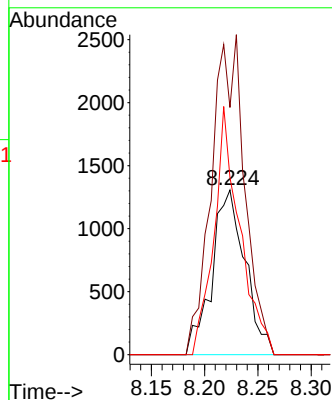
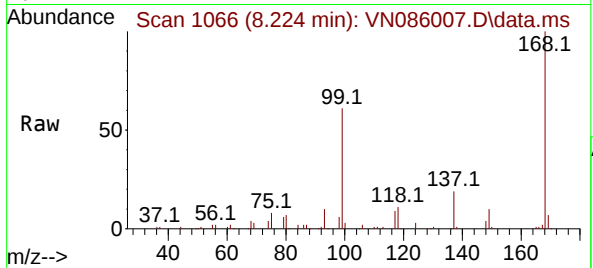




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

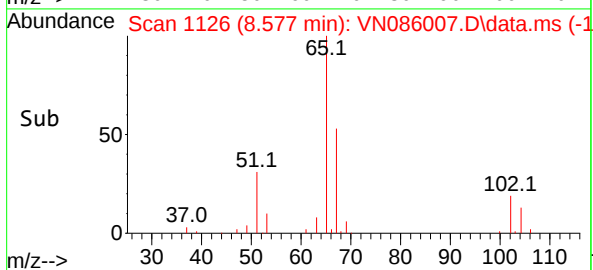
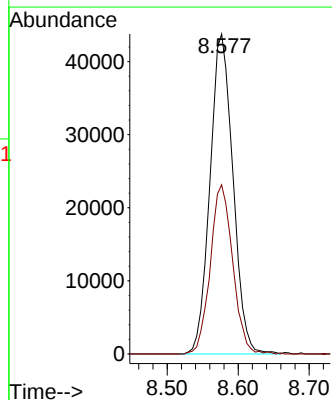
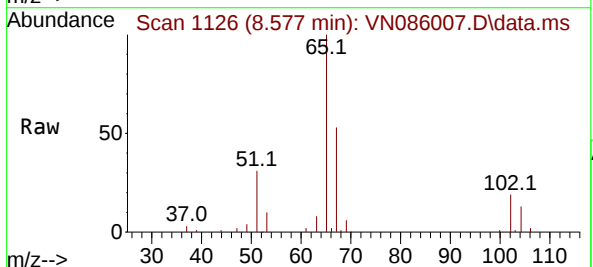
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

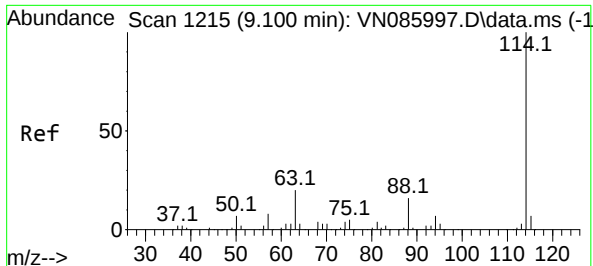
Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
69 150.1 28.0 42.0#
84 107.5 75.0 112.6



#33
1,2-Dichloroethane-d4
Concen: 56.384 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 65 Resp: 98233
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086007.D

Acq: 19 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBL01

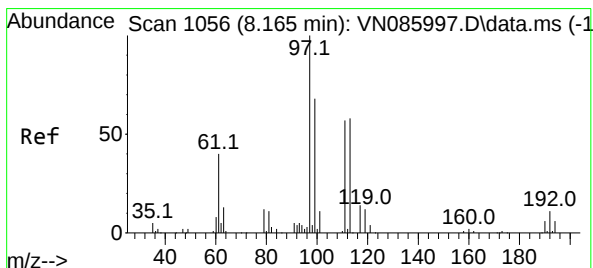
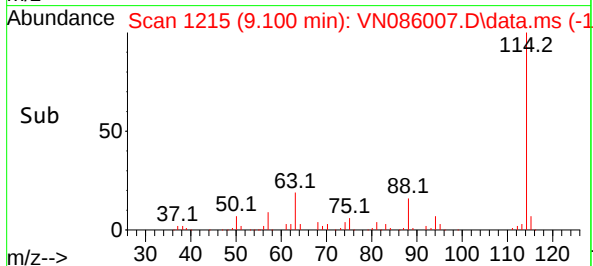
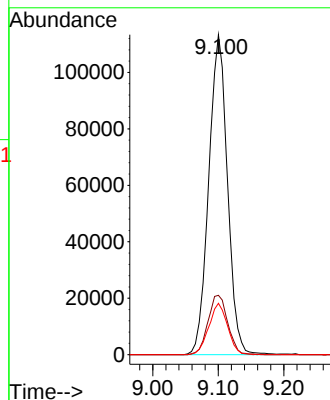
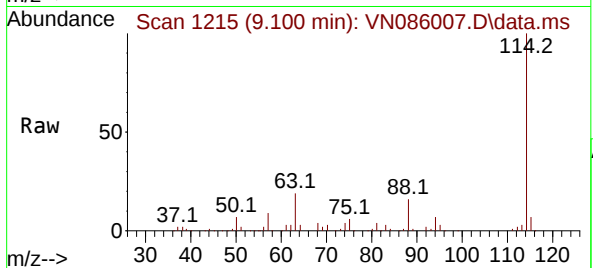
Tgt Ion:114 Resp: 225185

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.892 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086007.D

Acq: 19 Mar 2025 14:16

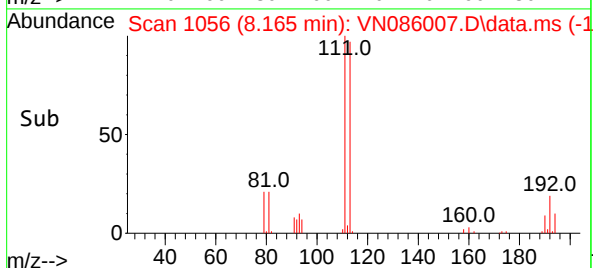
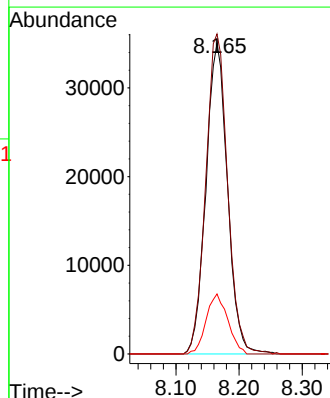
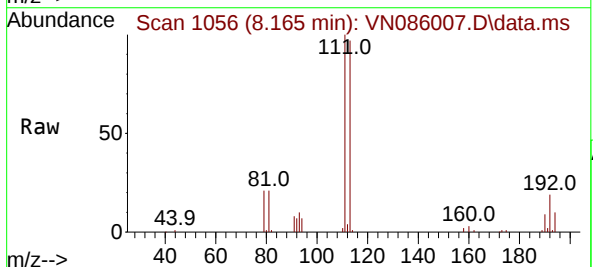
Tgt Ion:113 Resp: 83134

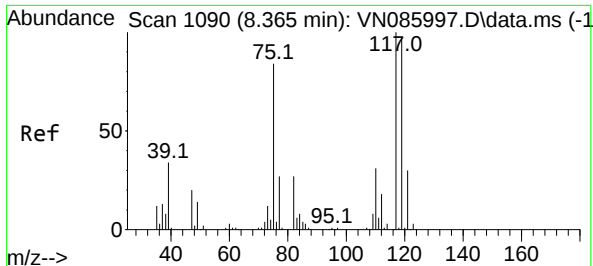
Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.987 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086007.D

Acq: 19 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBL01

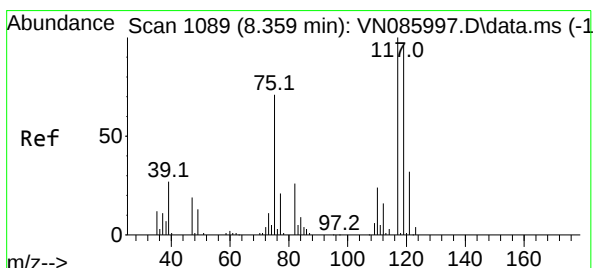
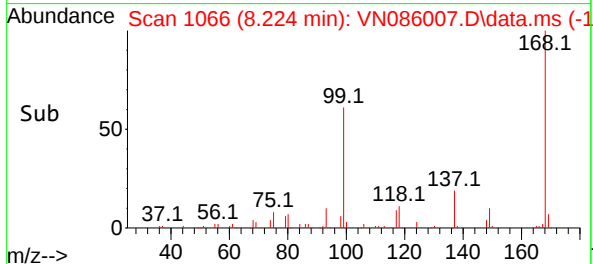
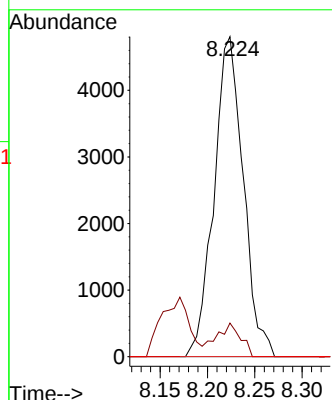
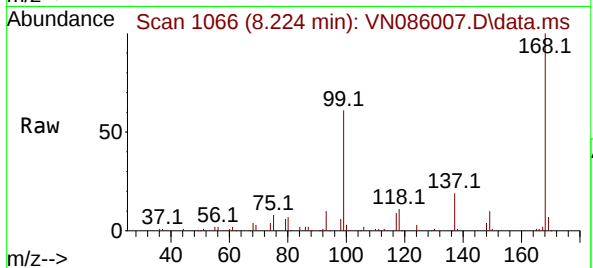
Tgt Ion: 75 Resp: 10322

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.913 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086007.D

Acq: 19 Mar 2025 14:16

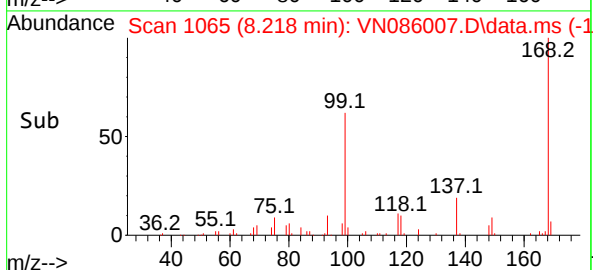
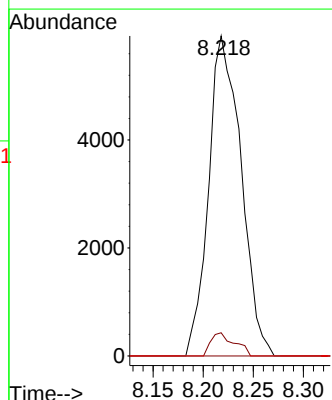
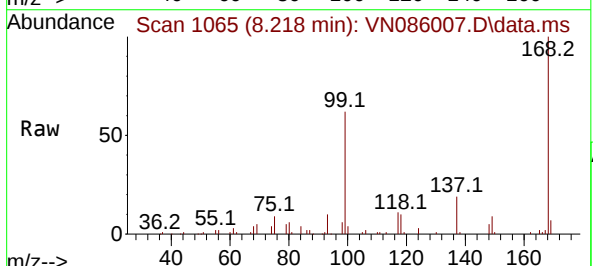
Tgt Ion: 117 Resp: 13368

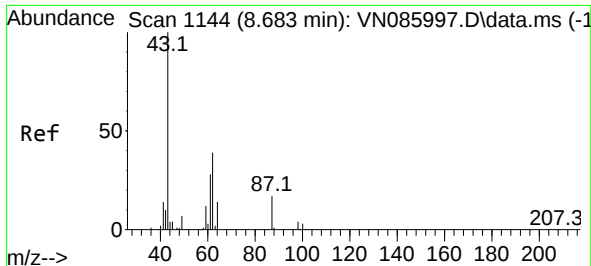
Ion Ratio Lower Upper

117 100

119 7.3 77.0 115.4#

121 0.0 25.6 38.4#

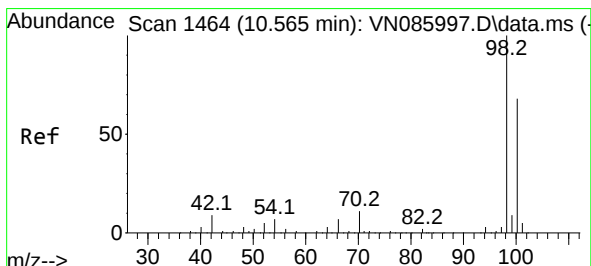
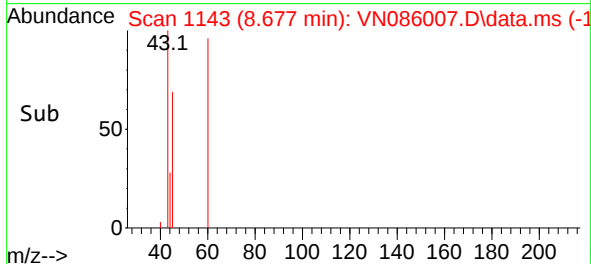
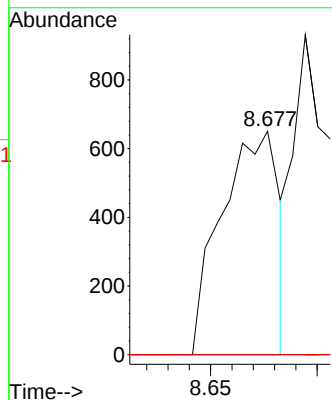
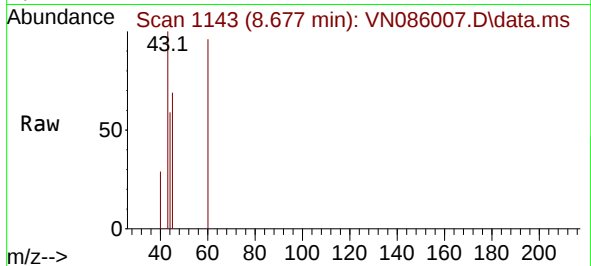




#43
Isopropyl Acetate
Concen: 0.321 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

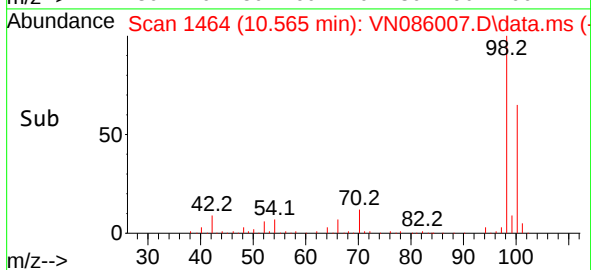
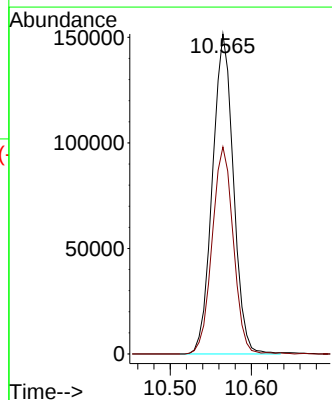
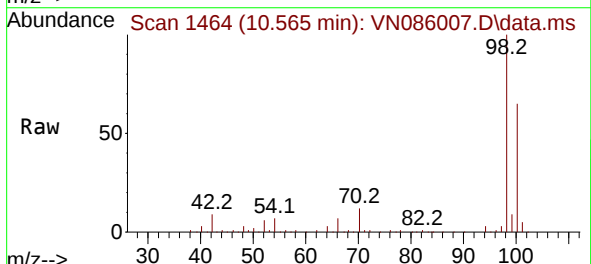
Instrument :
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ClientSampleId :
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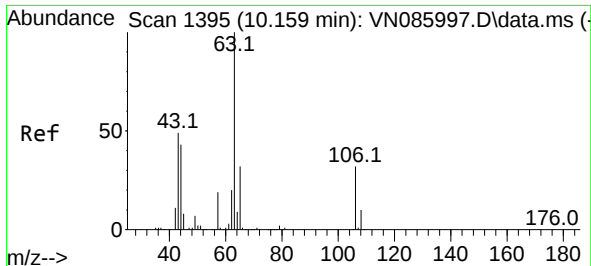
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#



#50
Toluene-d8
Concen: 47.692 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 98 Resp: 272057
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

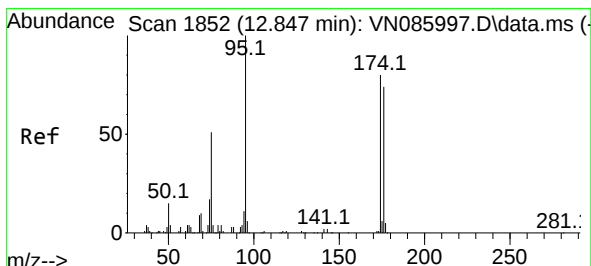
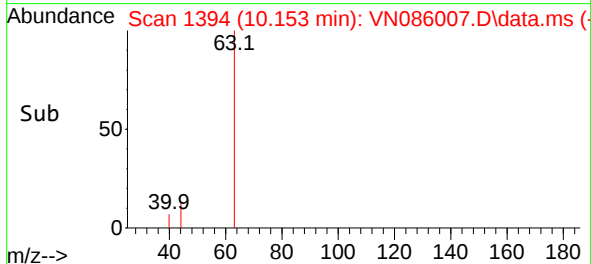
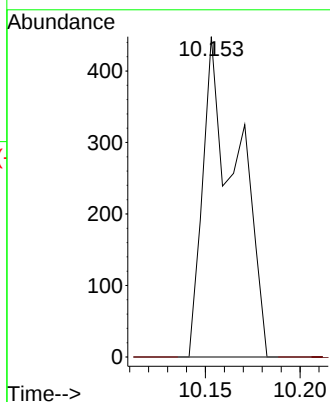
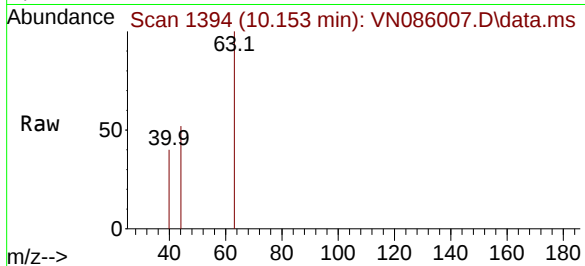




#58
2-Chloroethyl Vinyl ether
Concen: 4.218 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

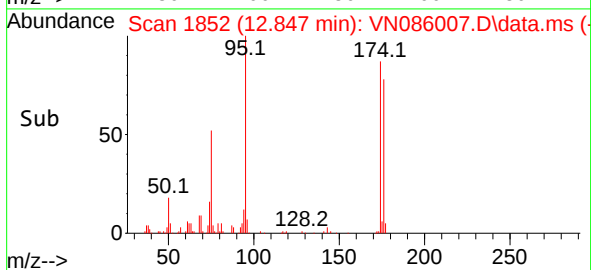
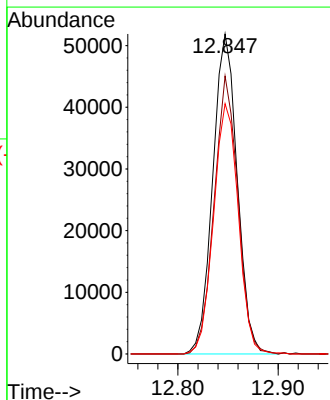
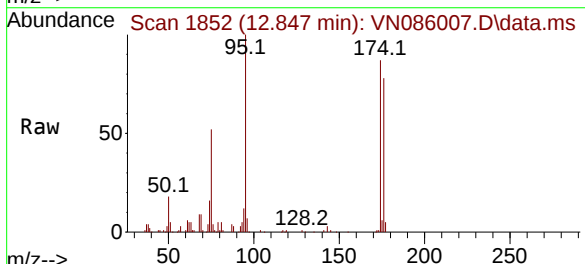
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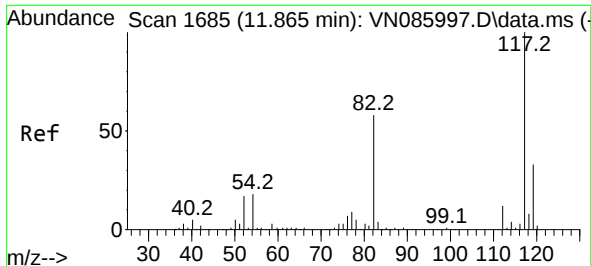
Tgt Ion: 63 Resp: 570
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#62
4-Bromofluorobenzene
Concen: 43.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 95 Resp: 87895
Ion Ratio Lower Upper
95 100
174 84.5 0.0 156.8
176 79.2 0.0 152.2

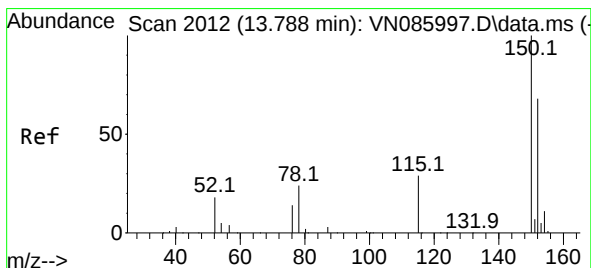
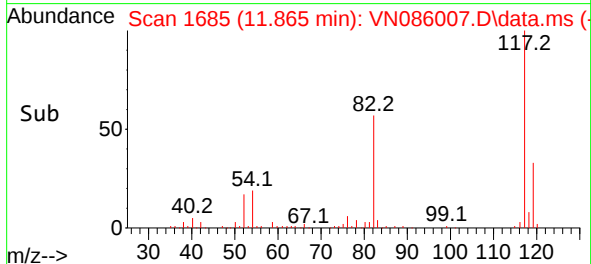
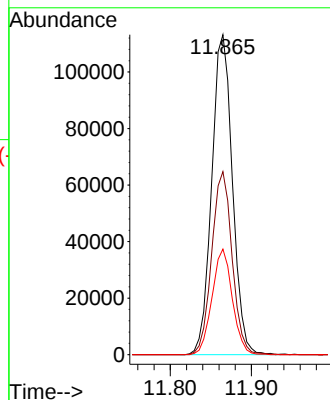
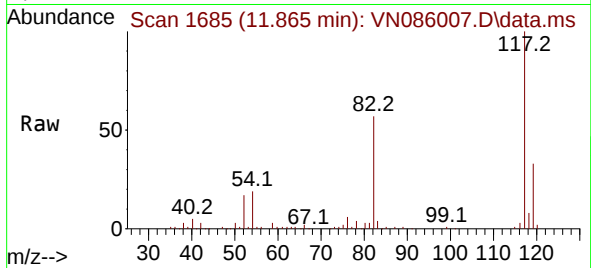




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

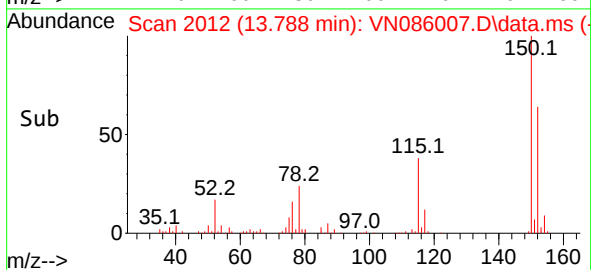
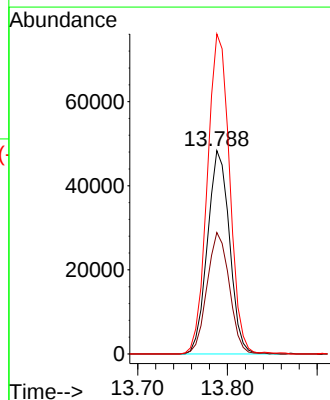
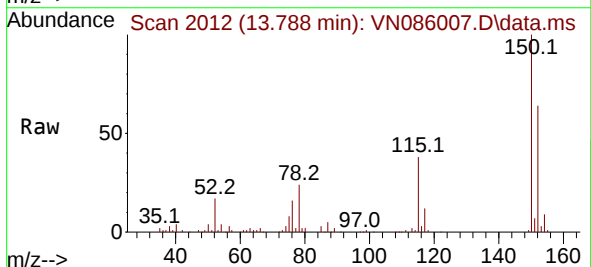
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

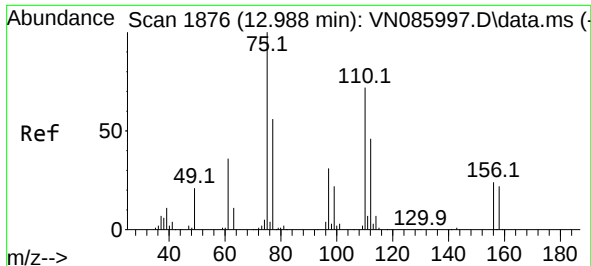
Tgt Ion:117 Resp: 200403
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 33.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

Tgt Ion:152 Resp: 82500
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.2
150 159.1 0.0 359.6

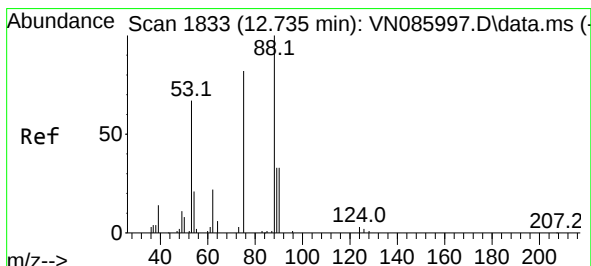
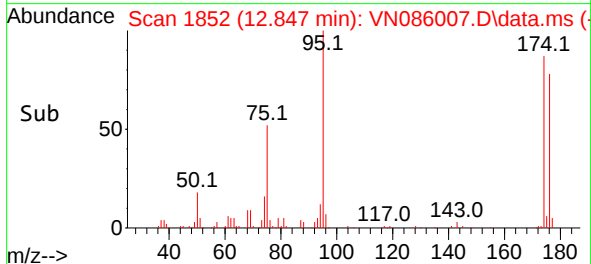
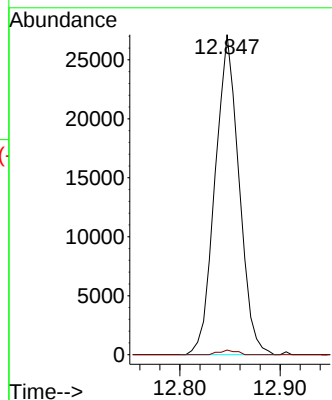
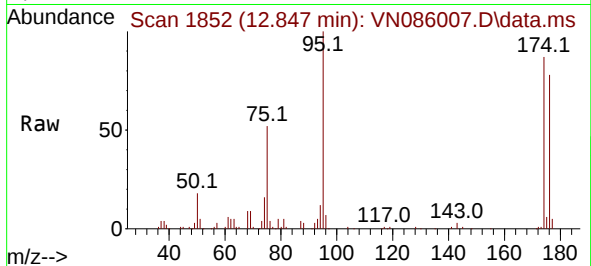




#76
1,2,3-Trichloropropane
Concen: 24.312 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

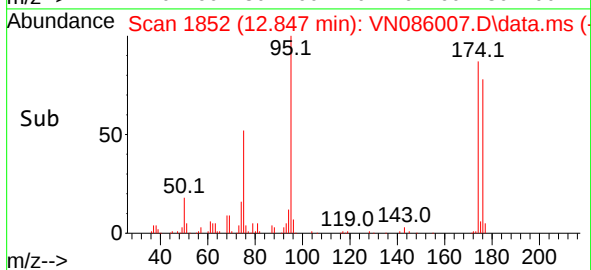
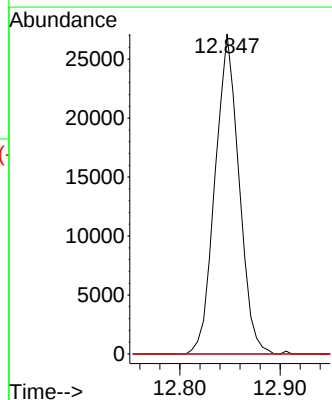
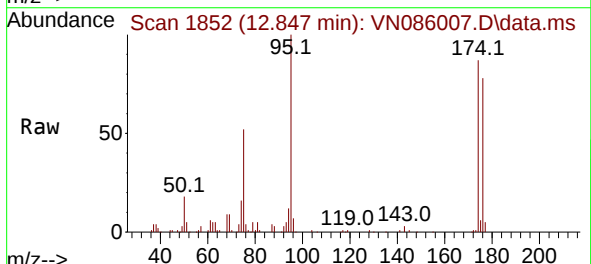
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

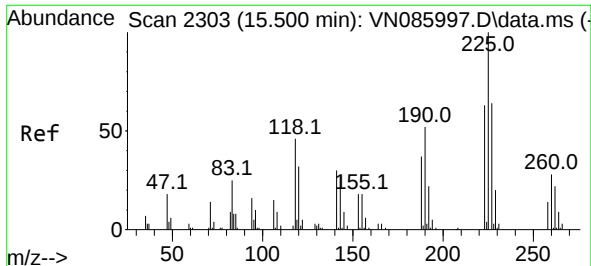
Tgt Ion: 75 Resp: 44905
Ion Ratio Lower Upper
75 100
77 1.0 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.277 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

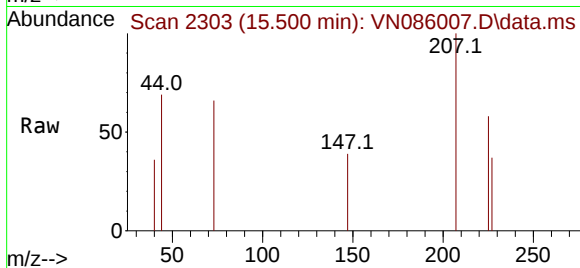
Tgt Ion: 75 Resp: 44905
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#



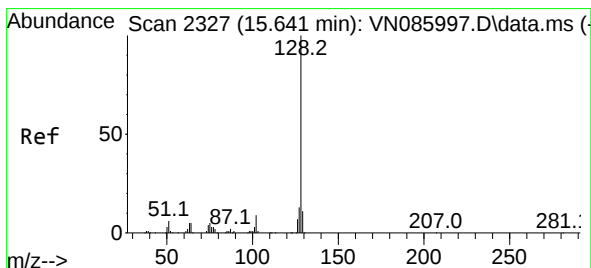
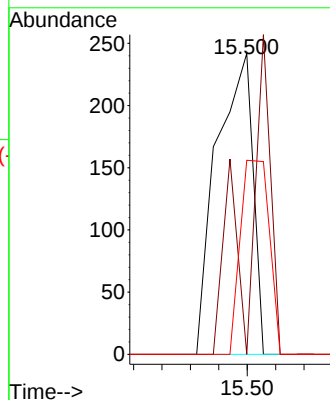
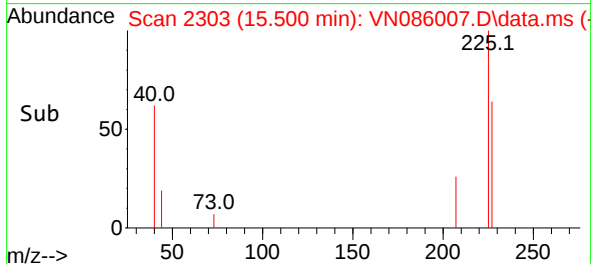


#94
Hexachlorobutadiene
Concen: 0.259 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16

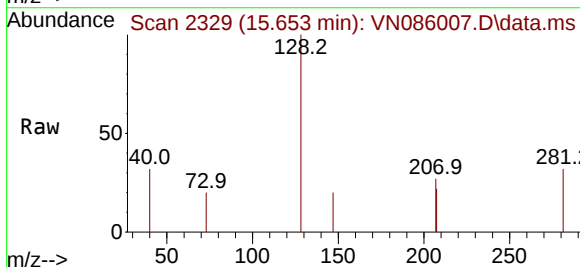
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01



Tgt Ion:225 Resp: 213
Ion Ratio Lower Upper
225 100
223 68.5 31.3 93.9
227 51.6 32.1 96.3



#95
Naphthalene
Concen: 0.325 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.012 min
Lab File: VN086007.D
Acq: 19 Mar 2025 14:16



Tgt Ion:128 Resp: 1334
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.0 13.6#

