

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085410.D
 Acq On : 09 Jan 2025 15:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 00:22:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

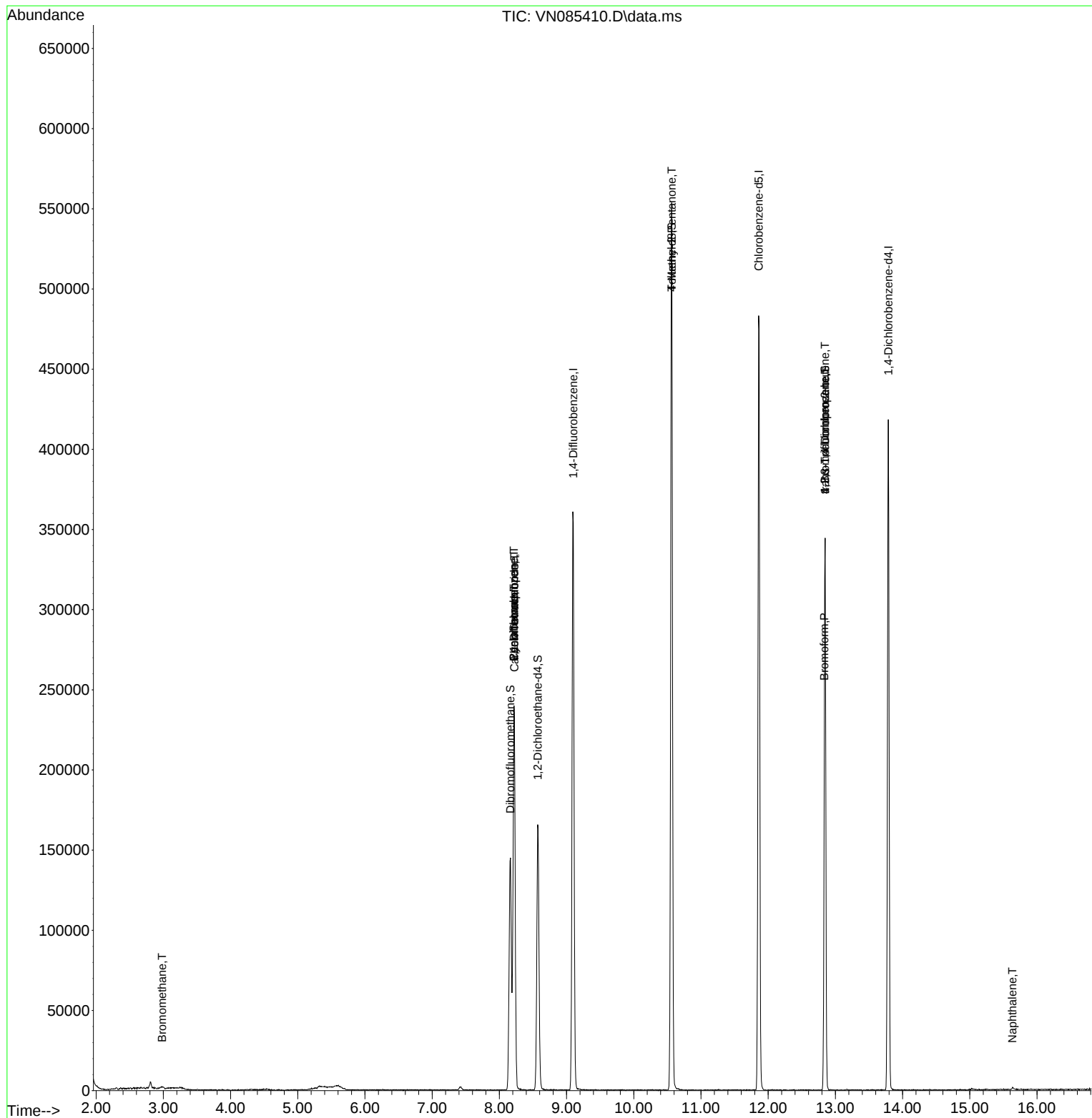
Internal Standards						
1) Pentafluorobenzene	8.218	168	161438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	265400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	135332	58.774	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.540%		
35) Dibromofluoromethane	8.165	113	103508	54.792	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.580%		
50) Toluene-d8	10.565	98	371965	53.657	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.320%		
62) 4-Bromofluorobenzene	12.847	95	114258	49.629	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.260%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	609	0.359	ug/l	94
31) Cyclohexane	8.218	56	4328	1.272	ug/l #	19
36) 1,1-Dichloropropene	8.218	75	15277	5.523	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18424	6.111	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1854	0.729	ug/l #	1
71) Bromoform	12.835	173	308	0.231	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	64136	32.458	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64136	77.731	ug/l #	10
95) Naphthalene	15.635	128	1986	0.360	ug/l #	82

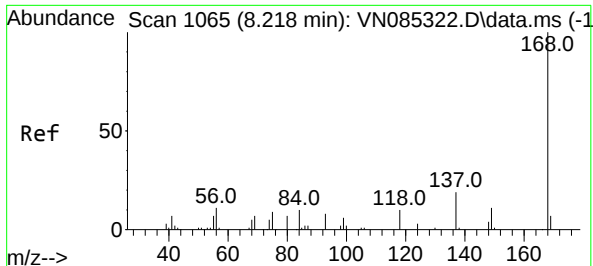
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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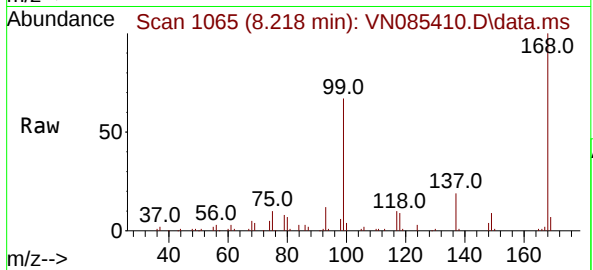
Quant Time: Jan 10 00:22:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



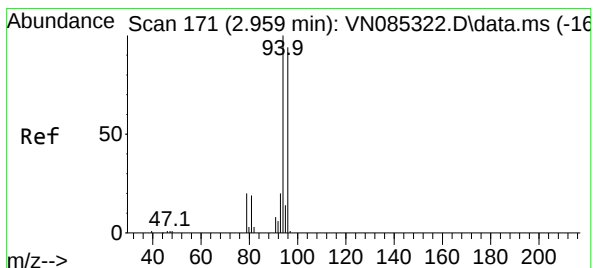
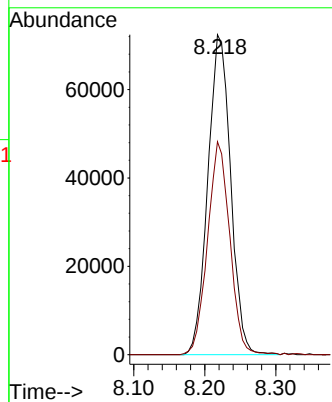
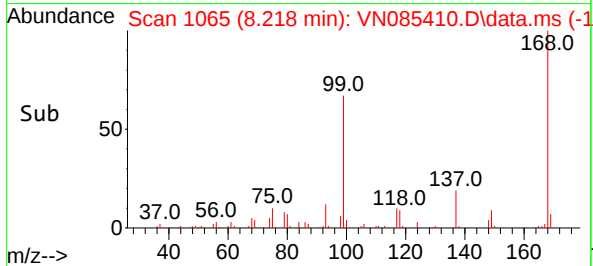


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :

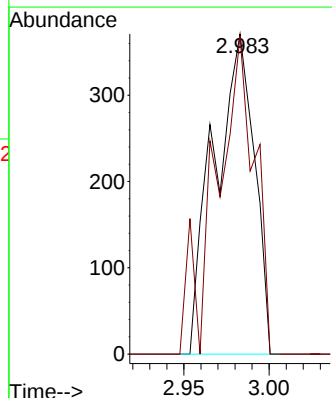
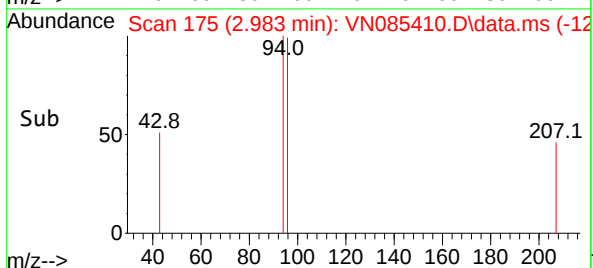
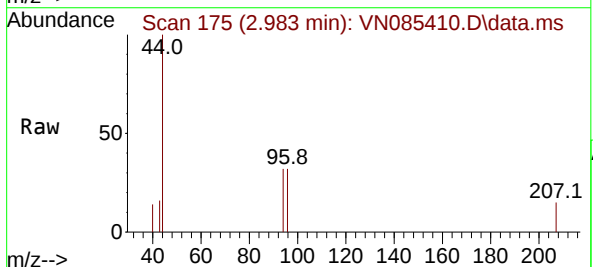


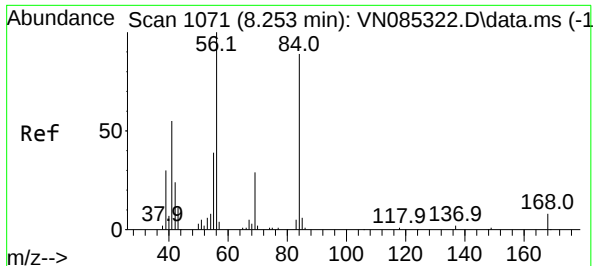
Tgt Ion:168 Resp: 161438
Ion Ratio Lower Upper
168 100
99 66.5 51.0 76.4



#5
Bromomethane
Concen: 0.359 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.024 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

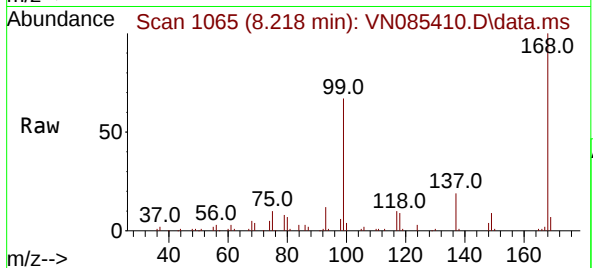
Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 99.5 75.2 112.8



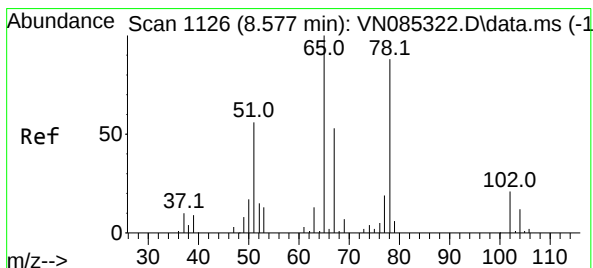
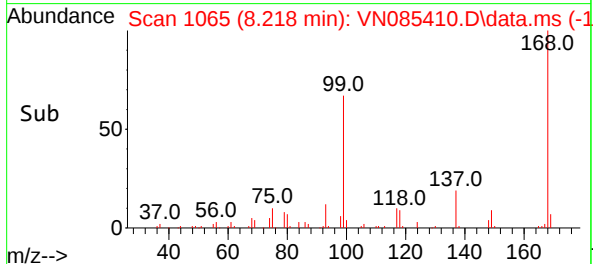
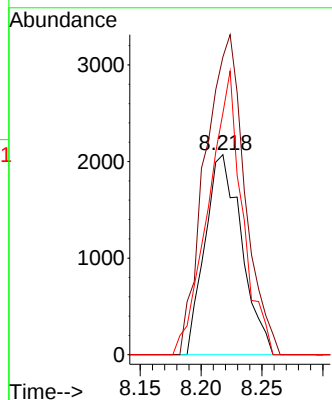


#31
Cyclohexane
Concen: 1.272 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :

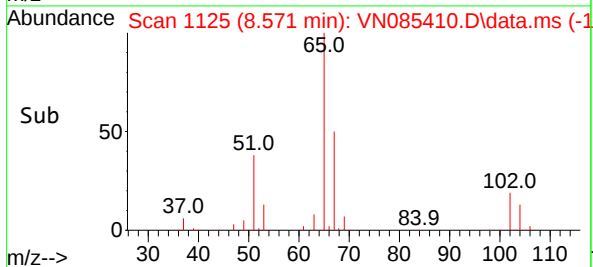
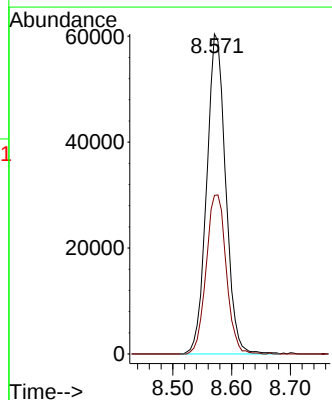
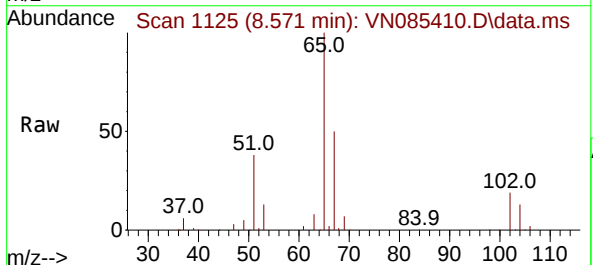


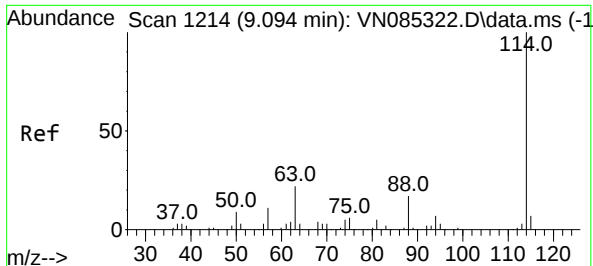
Tgt Ion: 56 Resp: 4328
Ion Ratio Lower Upper
56 100
69 148.9 23.4 35.0#
84 120.8 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 58.774 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

Tgt Ion: 65 Resp: 135332
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

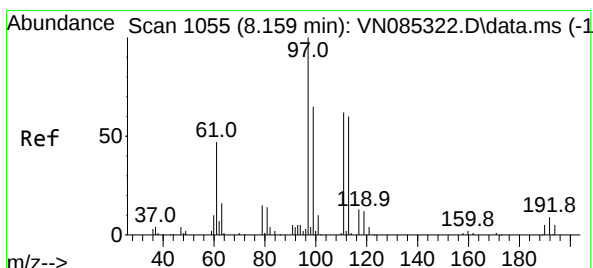
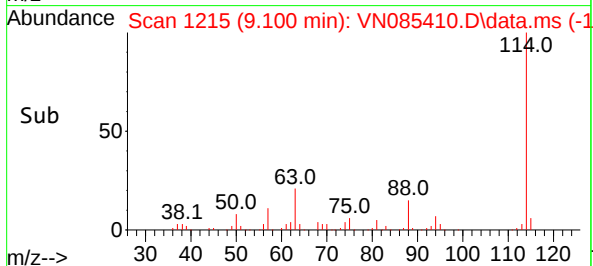
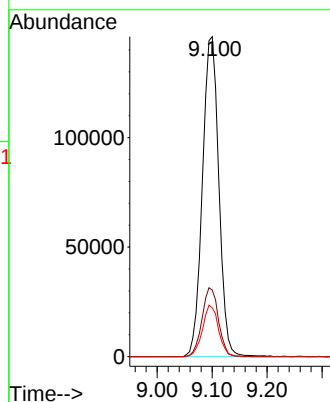
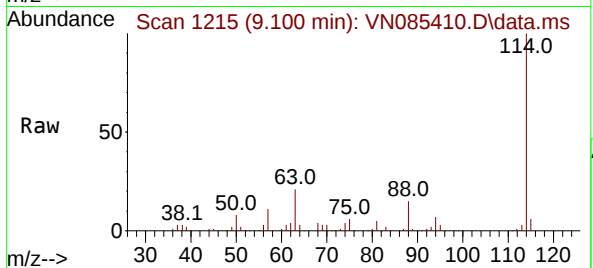
Tgt Ion:114 Resp: 302815

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.4

88 15.3 0.0 33.6



#35

Dibromofluoromethane

Concen: 54.792 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

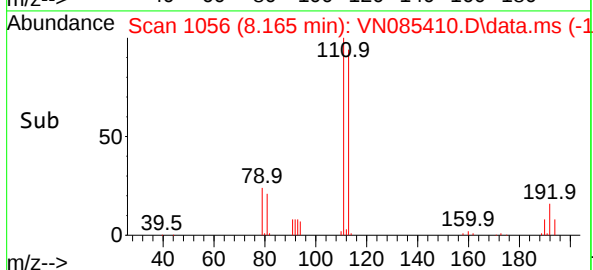
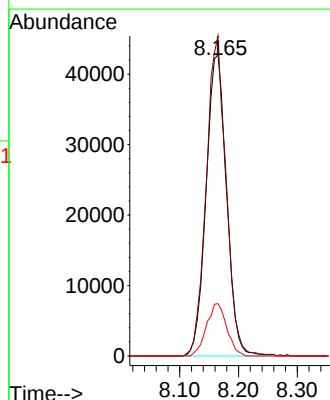
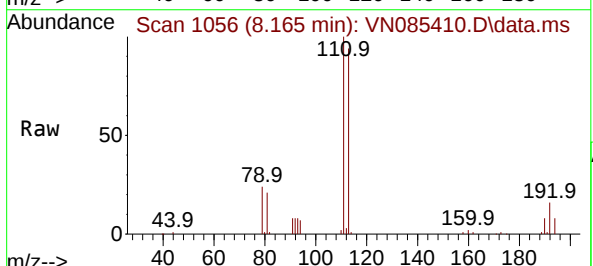
Tgt Ion:113 Resp: 103508

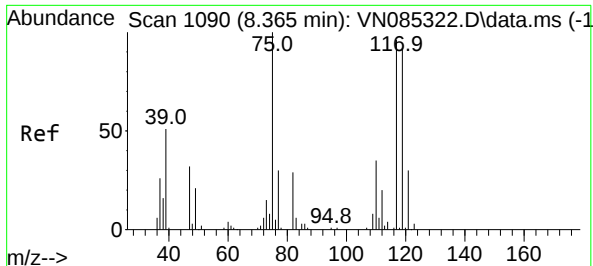
Ion Ratio Lower Upper

113 100

111 103.3 80.5 120.7

192 17.2 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.523 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

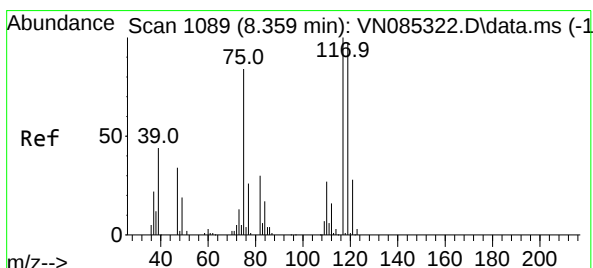
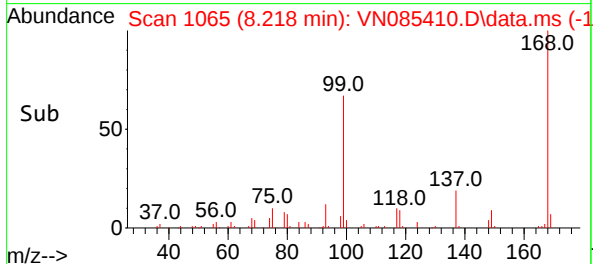
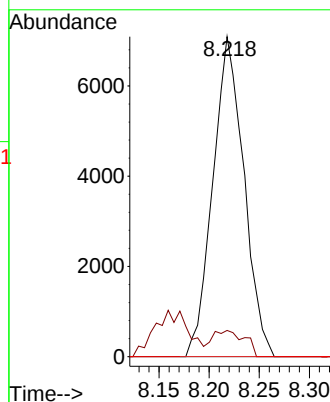
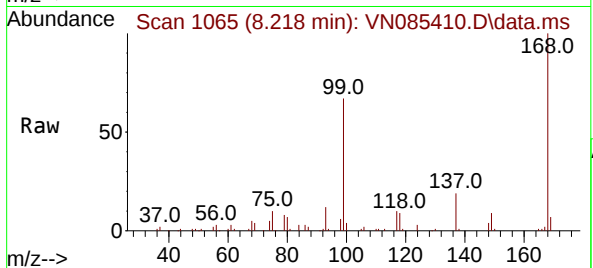
Tgt Ion: 75 Resp: 15277

Ion Ratio Lower Upper

75 100

110 8.6 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.111 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

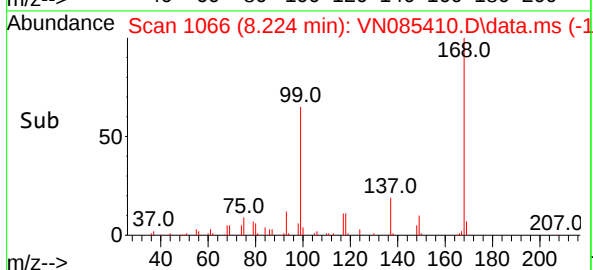
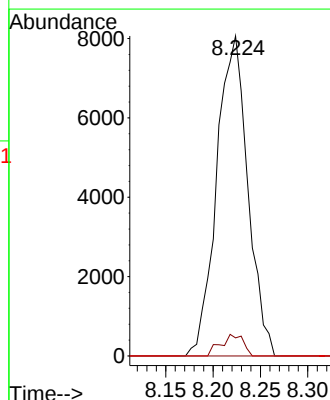
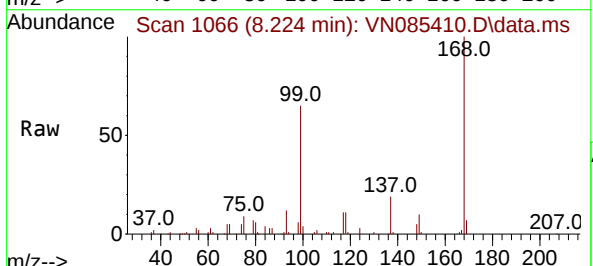
Tgt Ion: 117 Resp: 18424

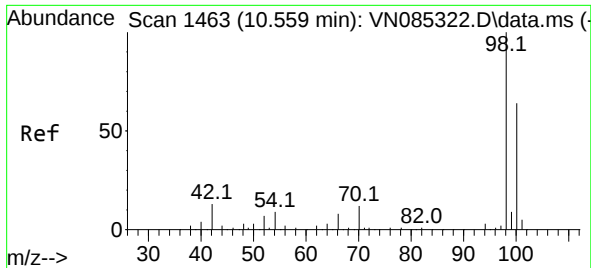
Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.6#

121 0.0 22.5 33.7#

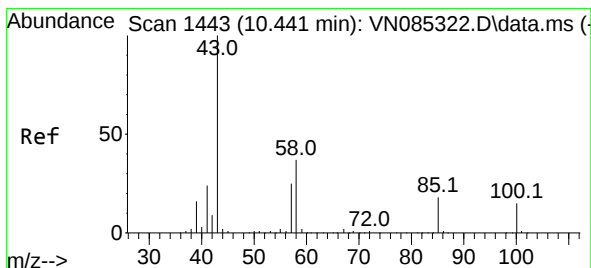
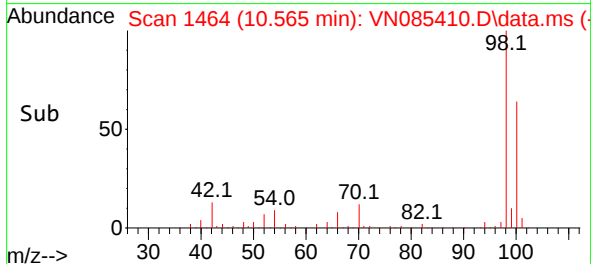
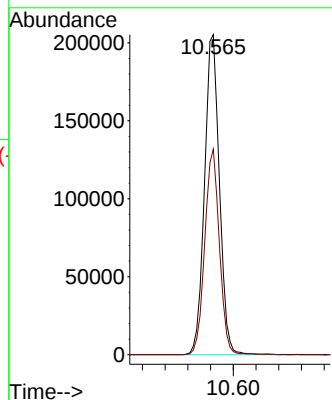
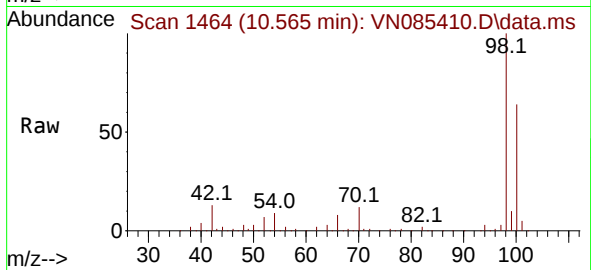




#50
Toluene-d8
Concen: 53.657 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

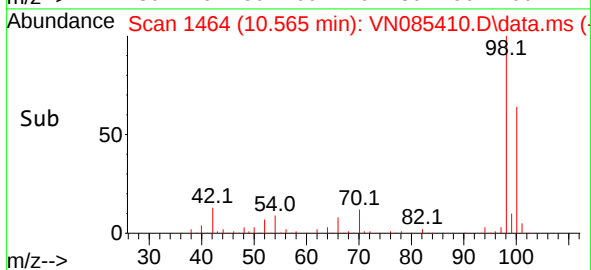
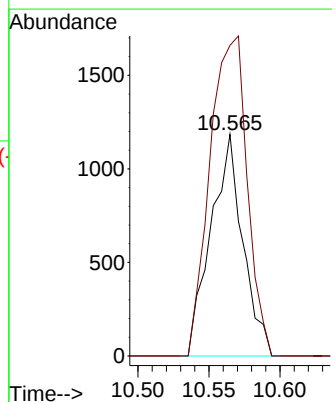
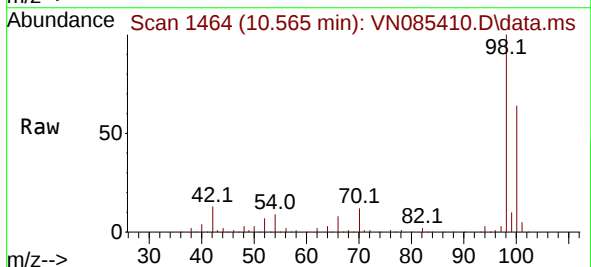
Instrument :
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ClientSampleId :

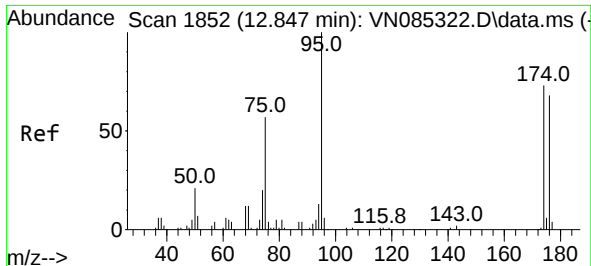
Tgt Ion: 98 Resp: 371965
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.729 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
58 168.3 30.3 45.5#

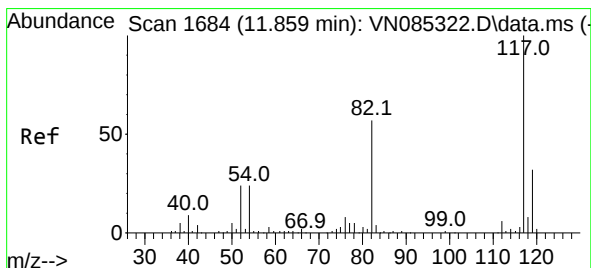
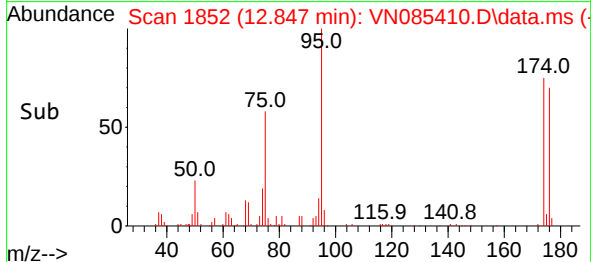
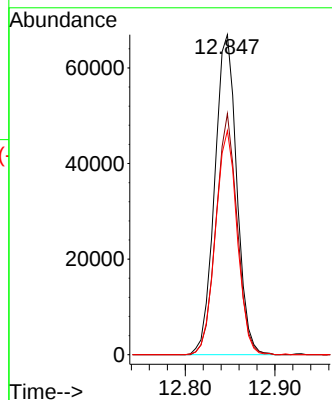
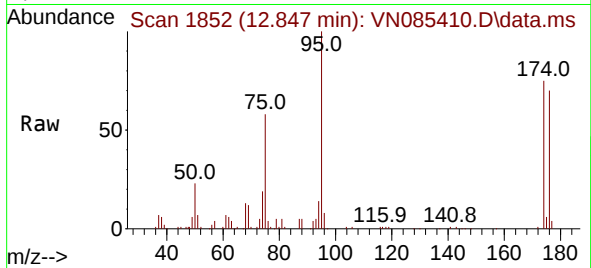




#62
4-Bromofluorobenzene
Concen: 49.629 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

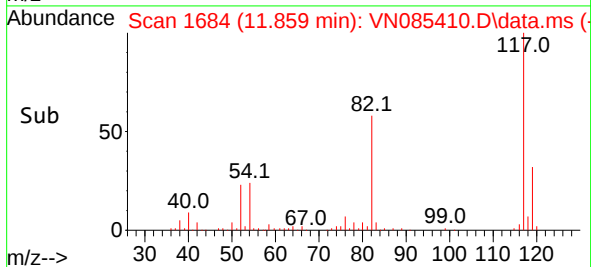
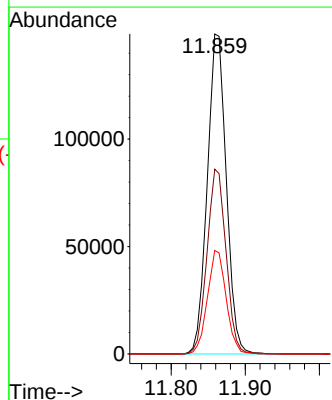
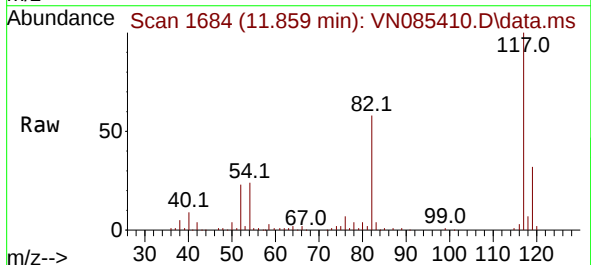
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MSVOA_N
ClientSampleId :

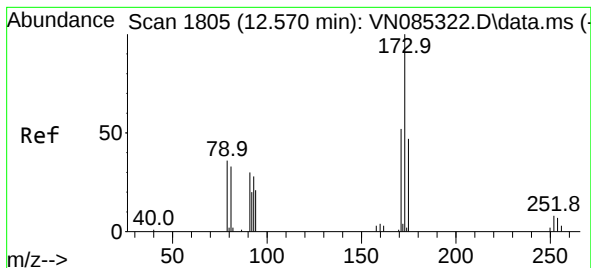
Tgt Ion: 95 Resp: 114258
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.2
176 69.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085410.D
Acq: 09 Jan 2025 15:39

Tgt Ion: 117 Resp: 265400
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.3 25.8 38.8





#71

Bromoform

Concen: 0.231 ug/l

RT: 12.835 min Scan# 1805

Delta R.T. 0.265 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

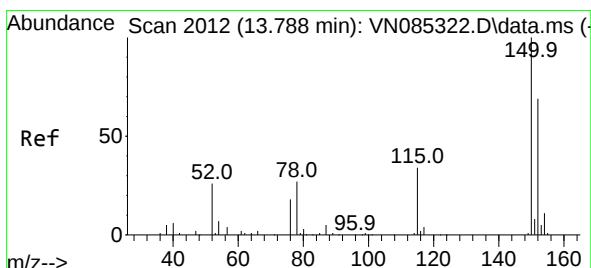
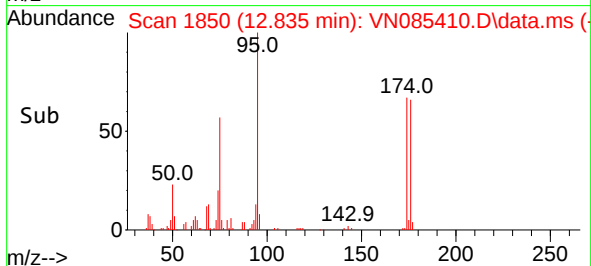
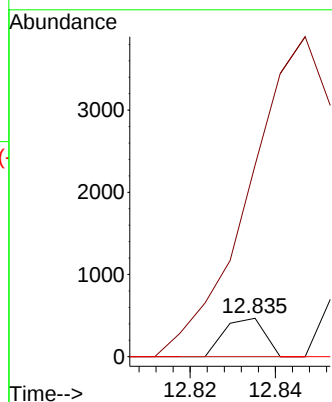
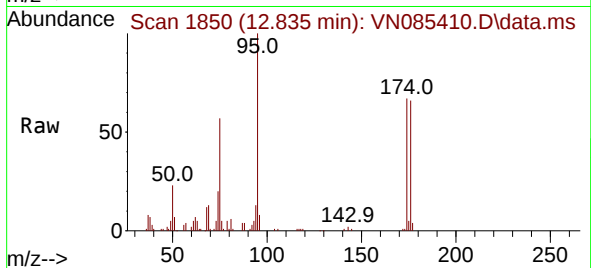
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 308

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.4	73.4#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

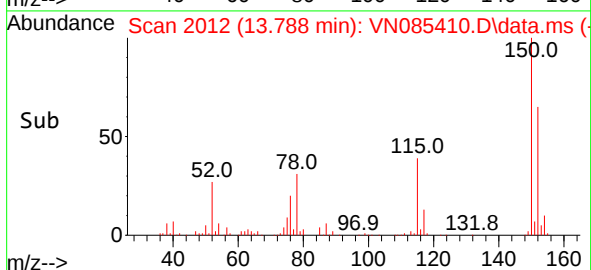
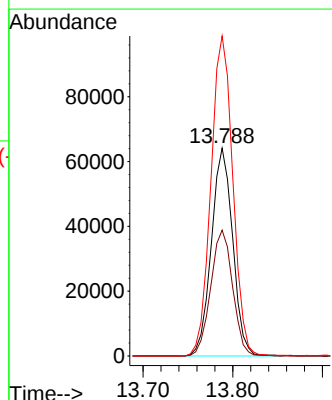
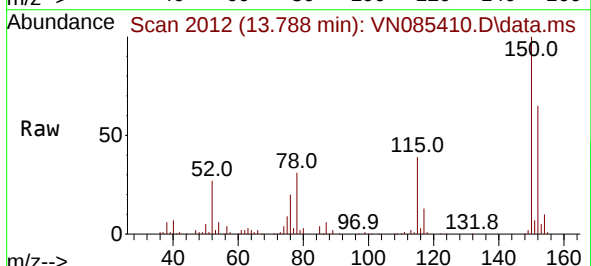
Delta R.T. 0.000 min

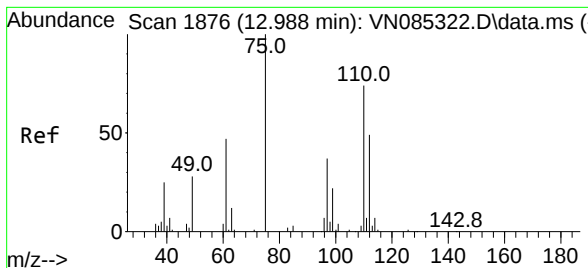
Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

Tgt Ion:152 Resp: 105816

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.4	91.3
150	158.0	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 32.458 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

Instrument :

MSVOA_N

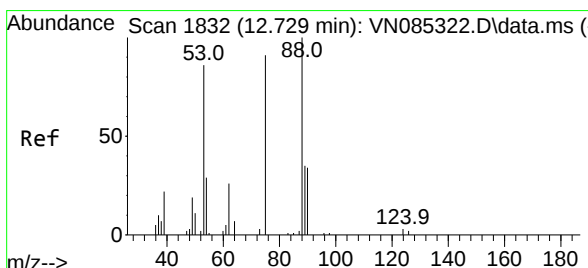
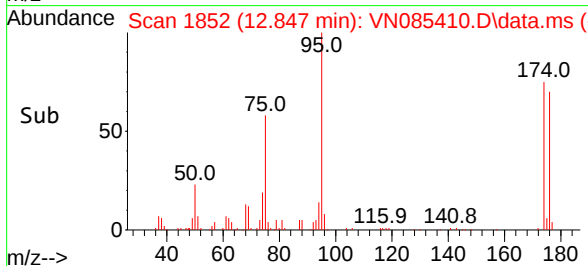
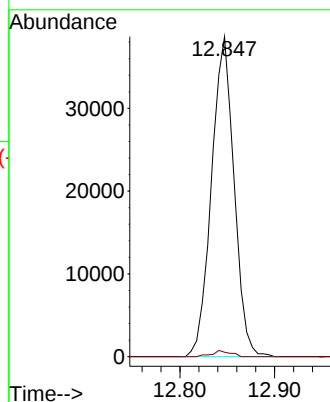
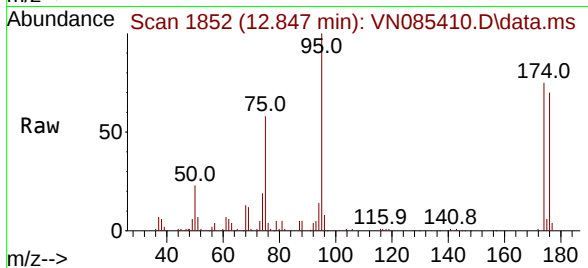
ClientSampleId :

Tgt Ion: 75 Resp: 64136

Ion Ratio Lower Upper

75 100

77 1.5 98.1 294.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.731 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.118 min

Lab File: VN085410.D

Acq: 09 Jan 2025 15:39

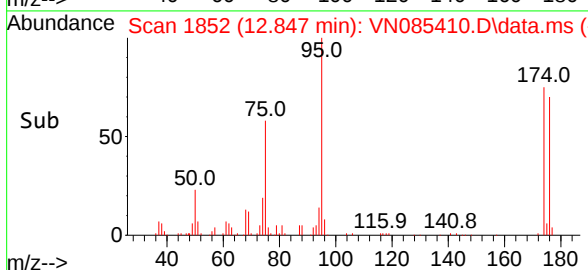
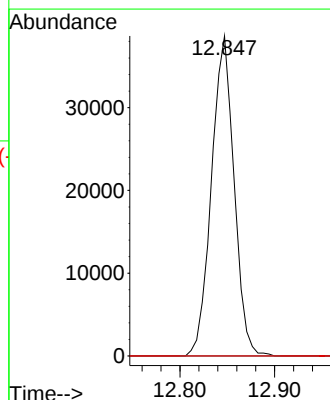
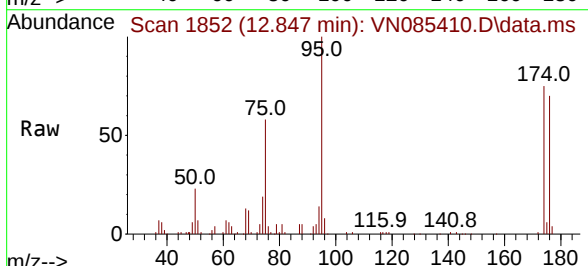
Tgt Ion: 75 Resp: 64136

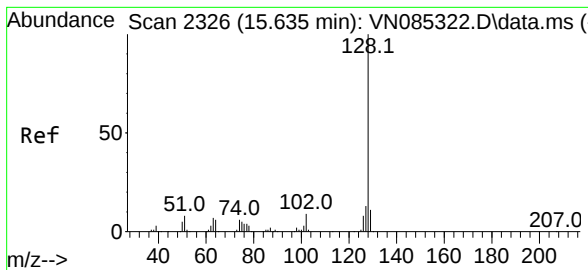
Ion Ratio Lower Upper

75 100

53 0.0 80.0 120.0#

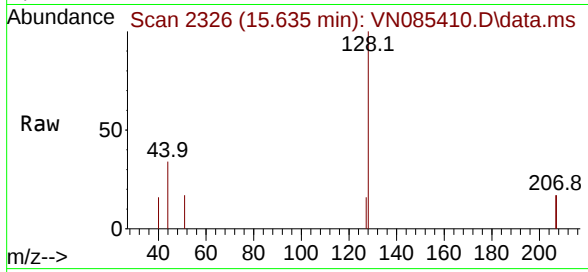
89 0.0 35.8 53.8#





#95
 Naphthalene
 Concen: 0.360 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085410.D
 Acq: 09 Jan 2025 15:39

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	1986
Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.6	16.0#
129	0.0	8.5	12.7#

