

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085972.D
 Acq On : 13 Mar 2025 11:38
 Operator : JC\MD
 Sample : VN0313WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBL01

Quant Time: Mar 14 00:27:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

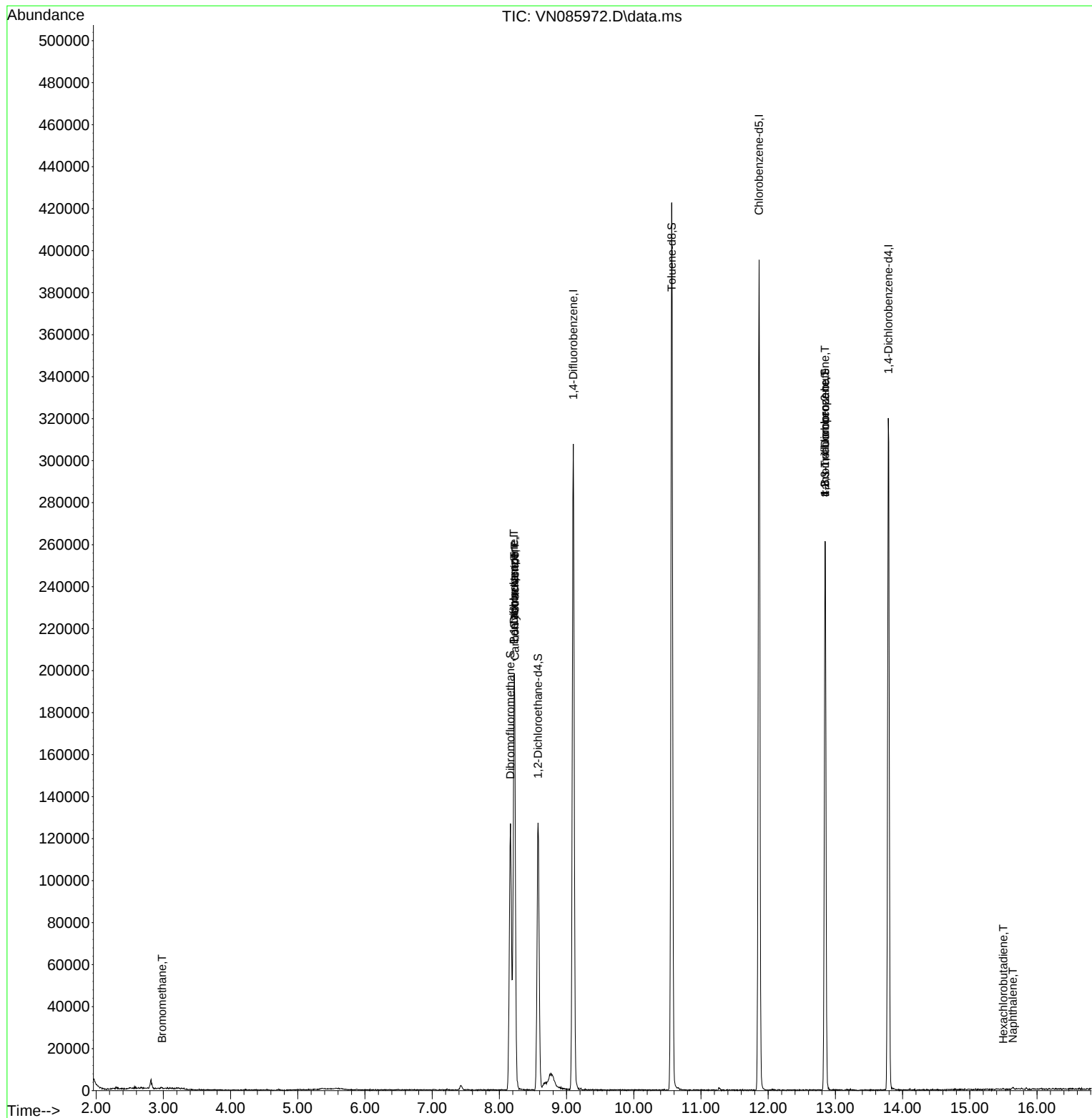
Internal Standards						
1) Pentafluorobenzene	8.218	168	143726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108246	58.092	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.180%		
35) Dibromofluoromethane	8.165	113	89964	51.751	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.500%		
50) Toluene-d8	10.565	98	291558	46.097	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.200%		
62) 4-Bromofluorobenzene	12.847	95	91420	43.870	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 87.740%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	316	0.238	ug/l	90
31) Cyclohexane	8.224	56	3003	1.128	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11509	4.678	ug/l #	48
38) Carbon Tetrachloride	8.230	117	15894	5.437	ug/l #	17
43) Isopropyl Acetate	8.694	43	764	Below Cal	#	53
76) 1,2,3-Trichloropropane	12.847	75	47660	23.488	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47660	68.534	ug/l #	13
94) Hexachlorobutadiene	15.500	225	195	0.221	ug/l #	18
95) Naphthalene	15.641	128	1490	0.374	ug/l #	69

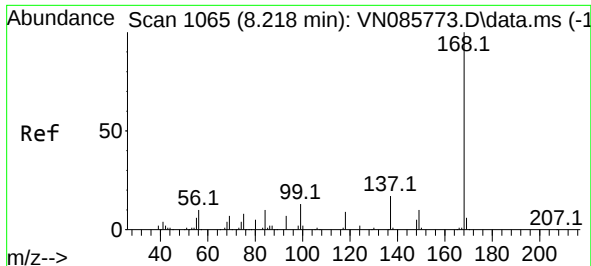
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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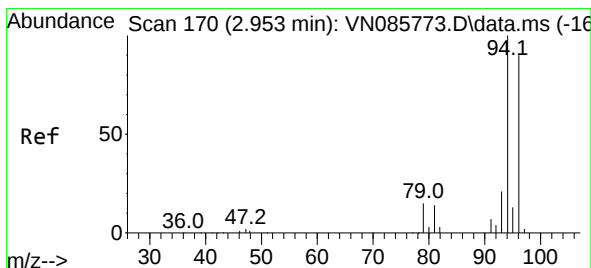
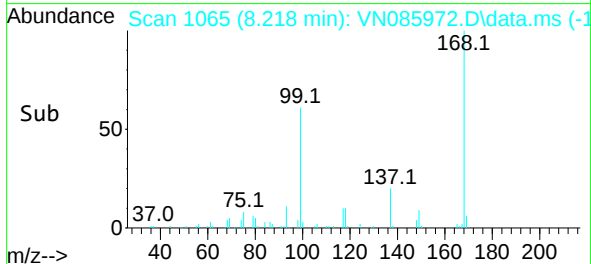
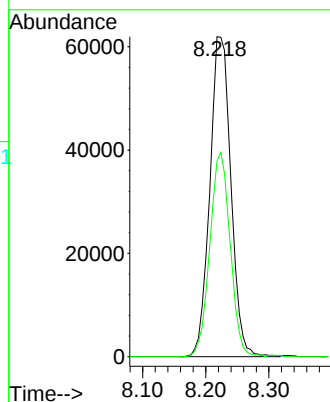
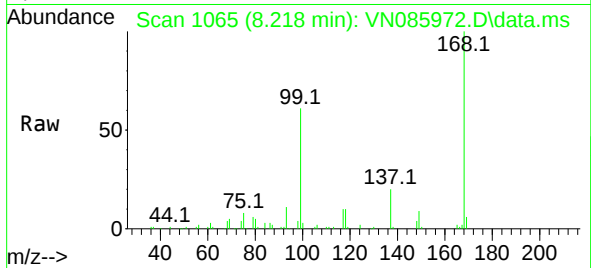




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

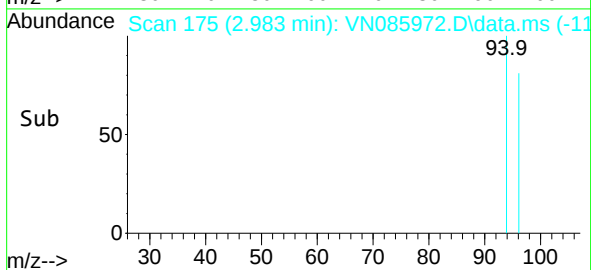
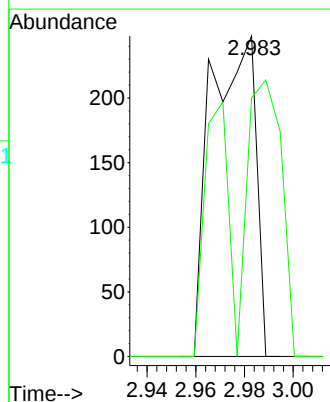
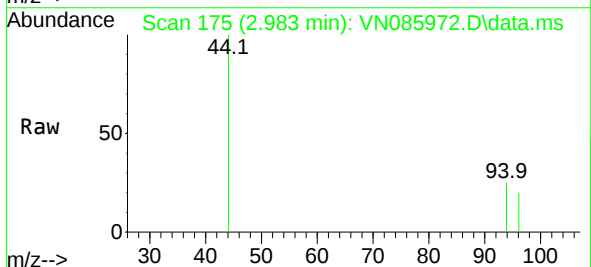
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

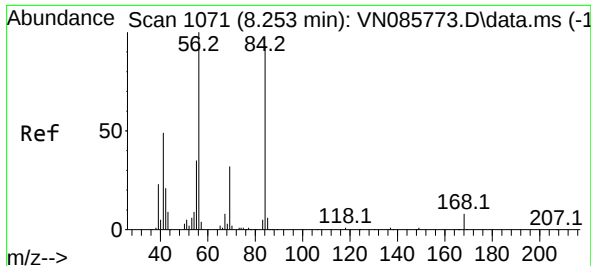
Tgt Ion:168 Resp: 143726
Ion Ratio Lower Upper
168 100
99 61.2 47.9 71.9



#5
Bromomethane
Concen: 0.238 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.029 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 80.6 71.7 107.5

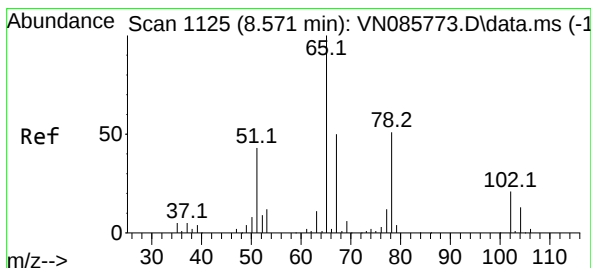
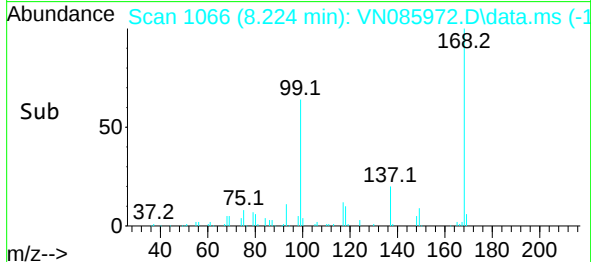
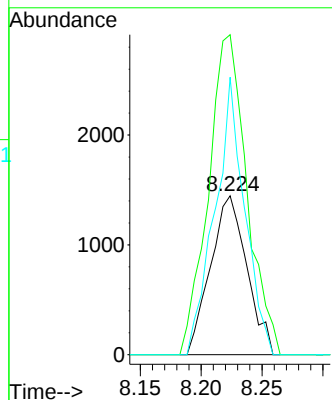
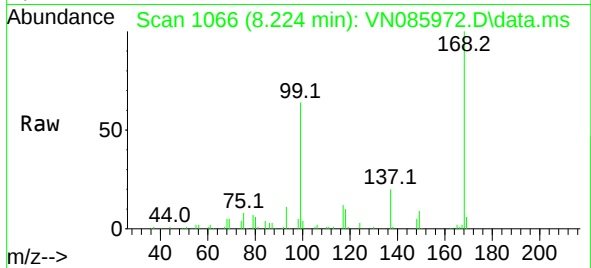




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

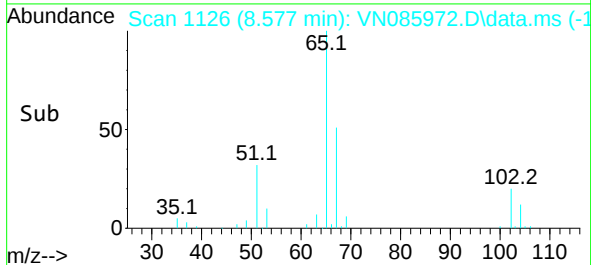
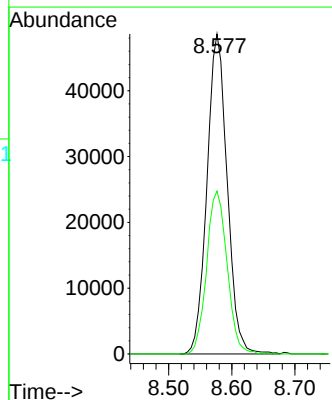
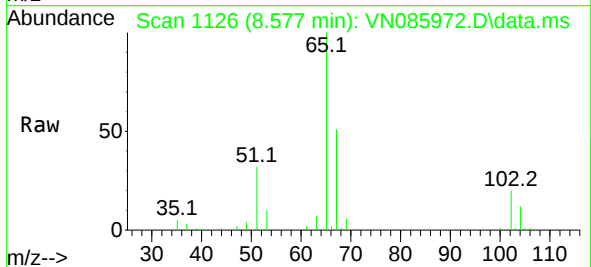
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

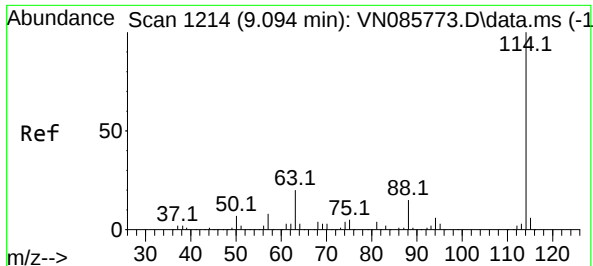
Tgt Ion: 56 Resp: 3003
Ion Ratio Lower Upper
56 100
69 201.4 25.8 38.6#
84 174.6 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 58.092 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 65 Resp: 108246
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2

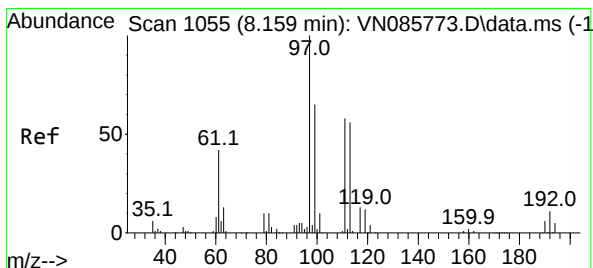
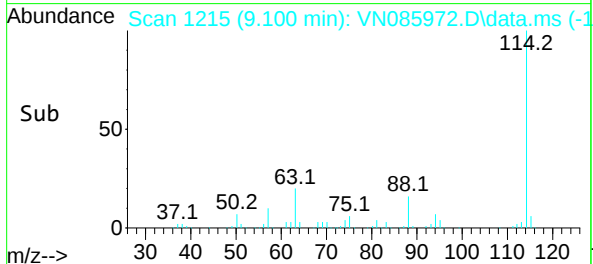
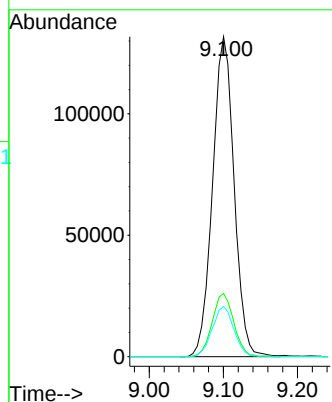
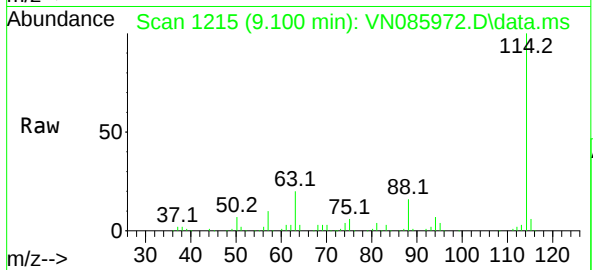




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

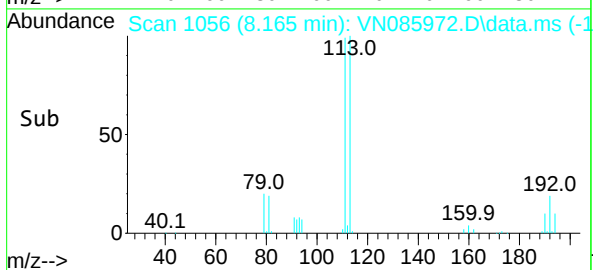
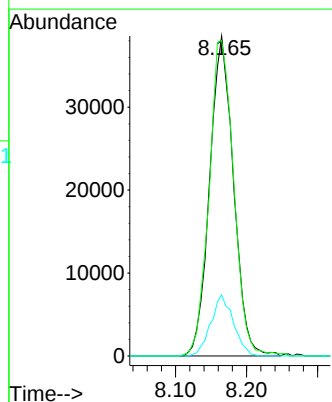
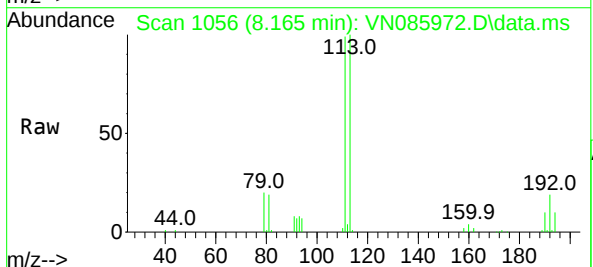
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

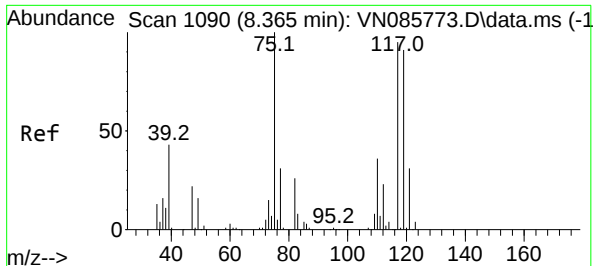
Tgt Ion:114 Resp: 265668
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.751 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

Tgt Ion:113 Resp: 89964
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.1 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085972.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBL01

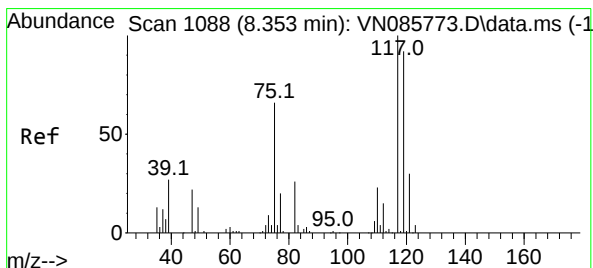
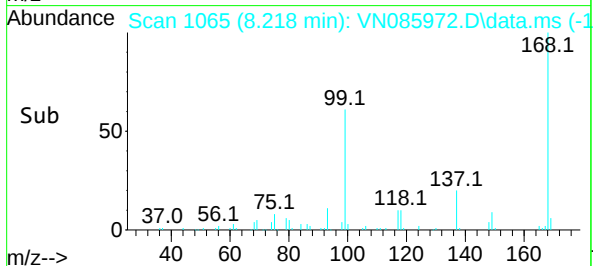
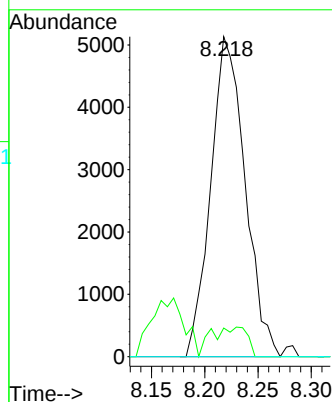
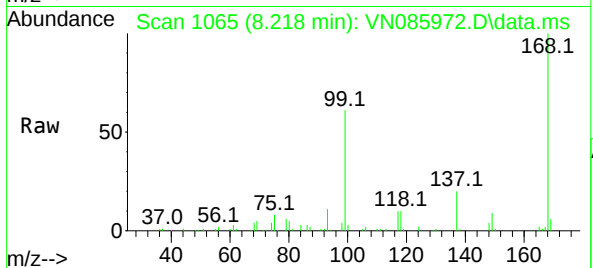
Tgt Ion: 75 Resp: 11509

Ion Ratio Lower Upper

75 100

110 6.5 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.437 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.124 min

Lab File: VN085972.D

Acq: 13 Mar 2025 11:38

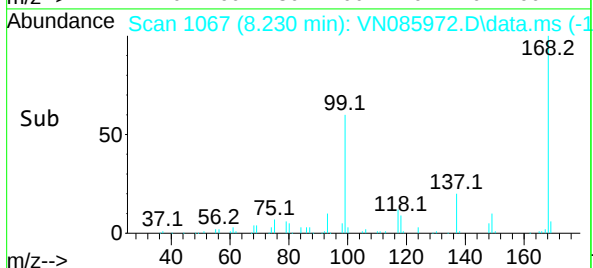
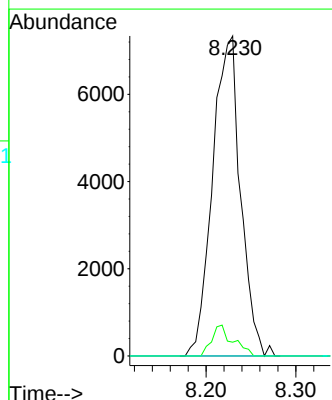
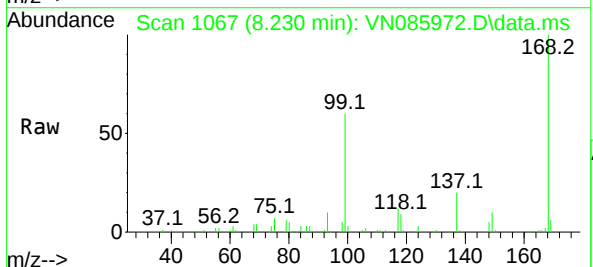
Tgt Ion: 117 Resp: 15894

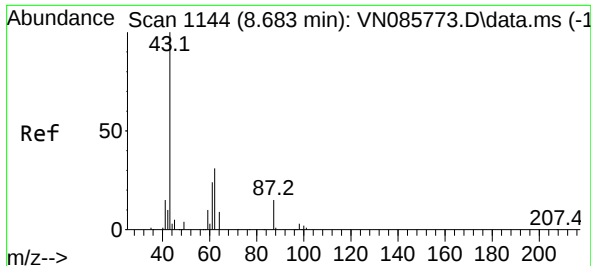
Ion Ratio Lower Upper

117 100

119 4.3 73.8 110.6#

121 0.0 24.3 36.5#

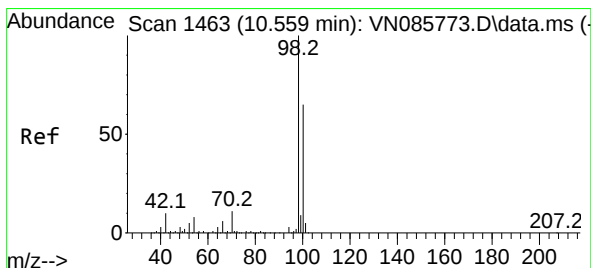
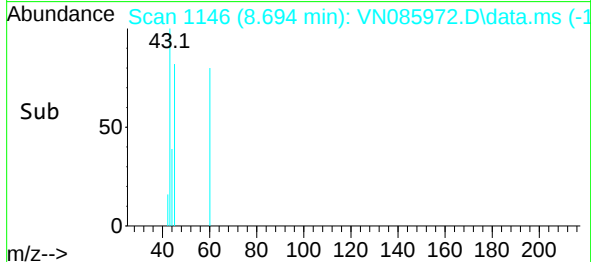
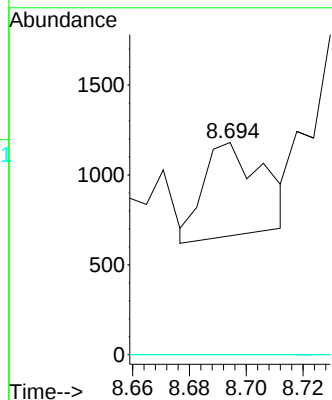
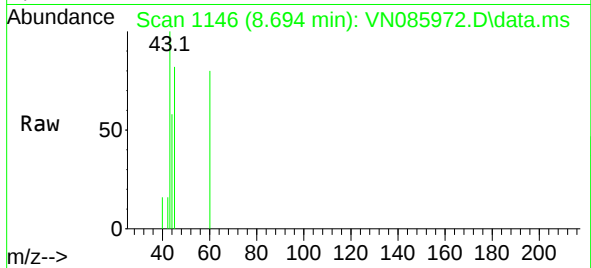




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1144
Delta R.T. 0.011 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

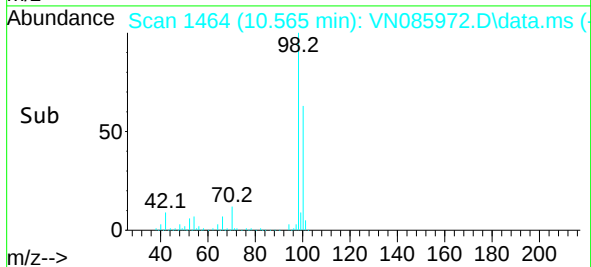
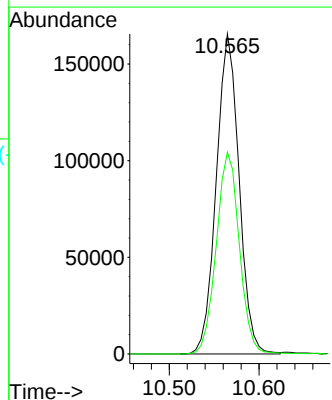
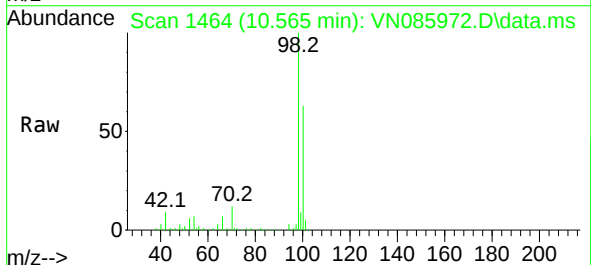
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

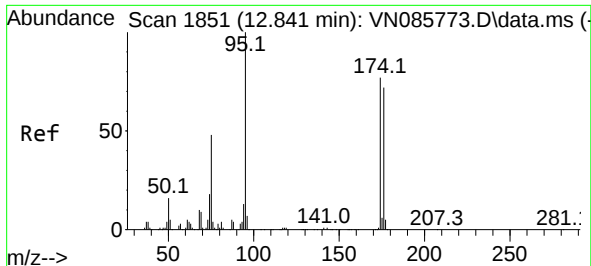
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#



#50
Toluene-d8
Concen: 46.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 98 Resp: 291558
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

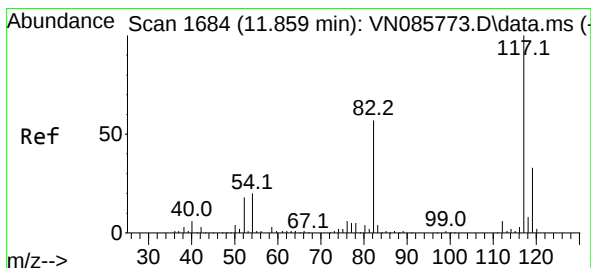
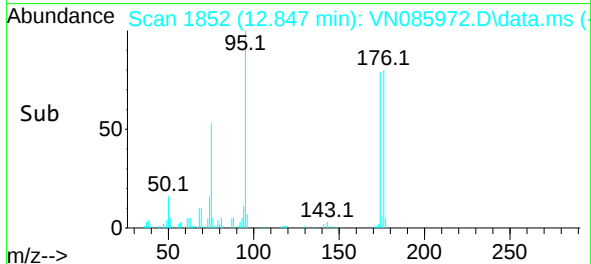
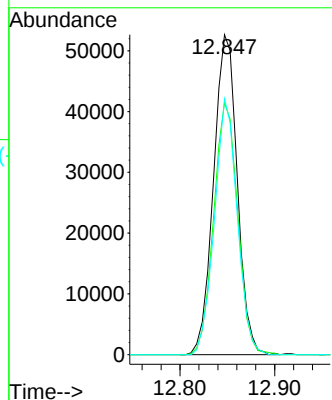
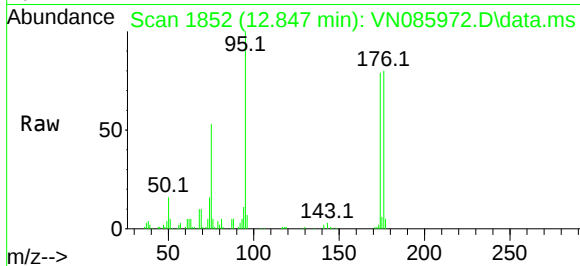




#62
4-Bromofluorobenzene
Concen: 43.870 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

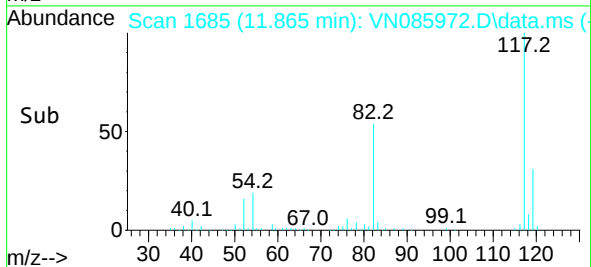
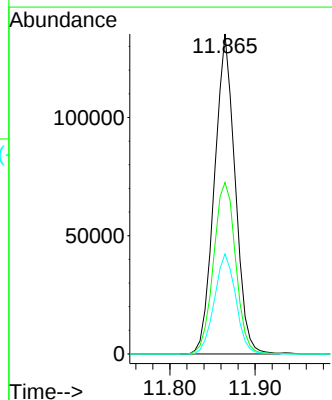
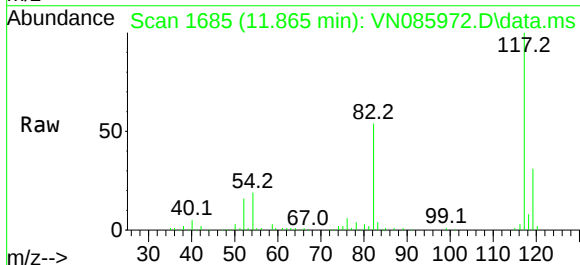
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ClientSampleId :
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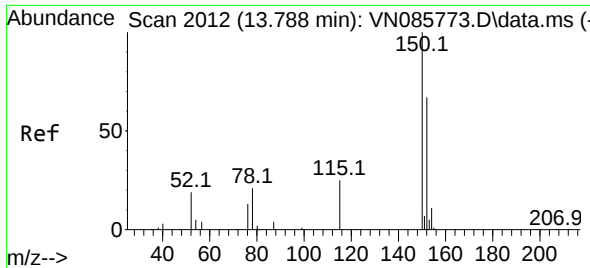
Tgt Ion:	95	Resp:	91420
Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	152.4
176	77.0	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

Tgt Ion:	117	Resp:	228391
Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.7	68.5
119	31.3	26.2	39.2

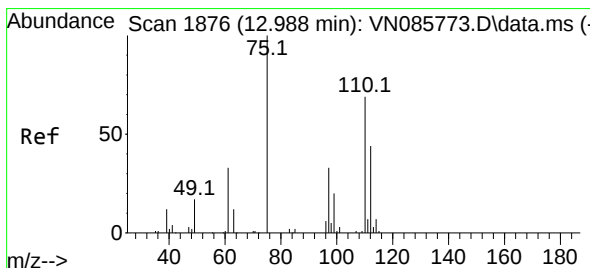
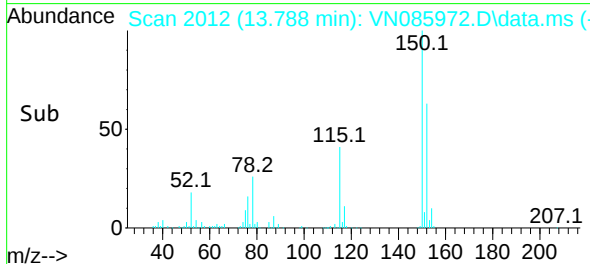
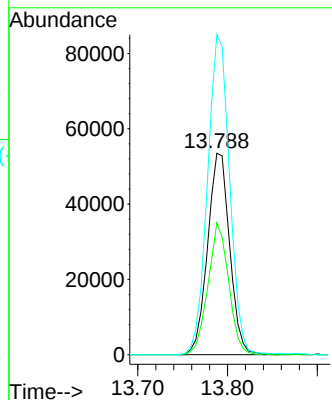
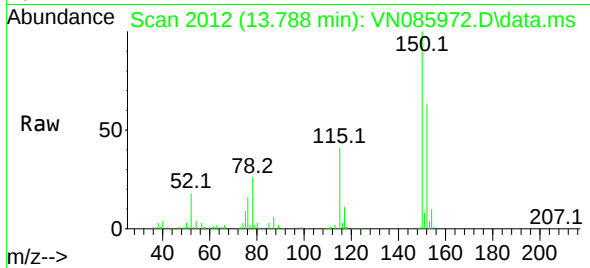




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085972.D
 Acq: 13 Mar 2025 11:38

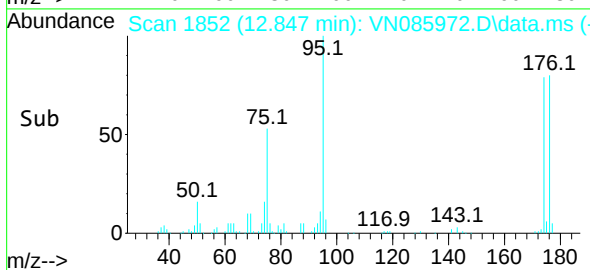
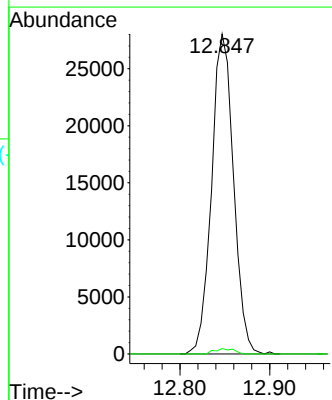
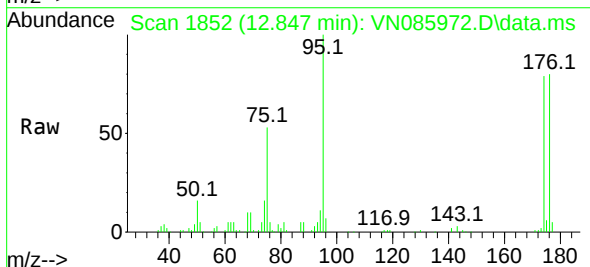
Instrument :
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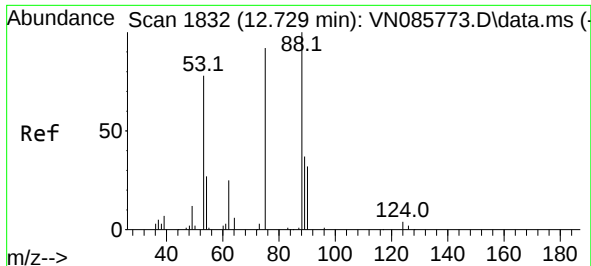
Tgt Ion:152 Resp: 91345
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.4 91.3
 150 159.3 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 23.488 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085972.D
 Acq: 13 Mar 2025 11:38

Tgt Ion: 75 Resp: 47660
 Ion Ratio Lower Upper
 75 100
 77 1.5 100.0 300.0#

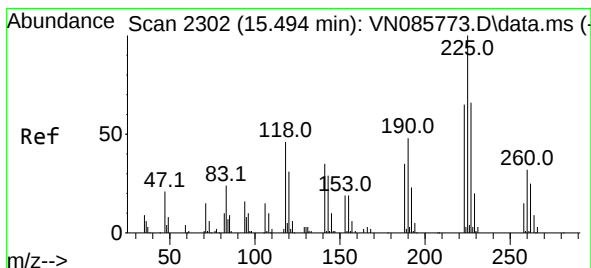
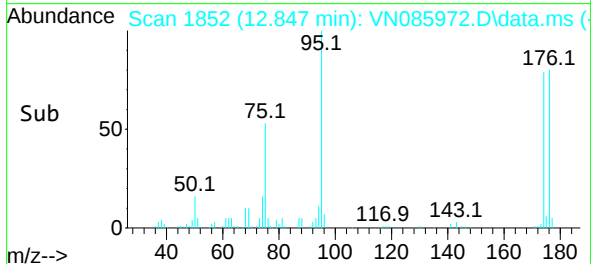
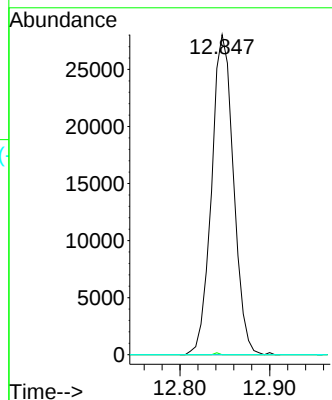
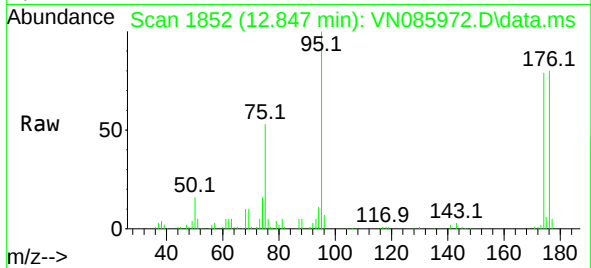




#81
trans-1,4-Dichloro-2-butene
Concen: 68.534 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

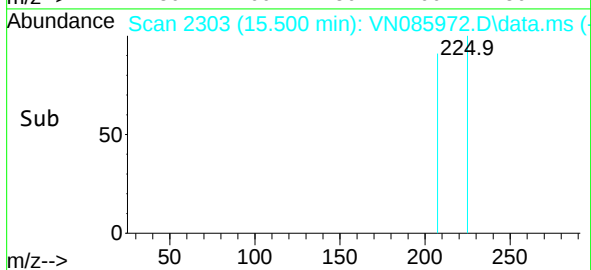
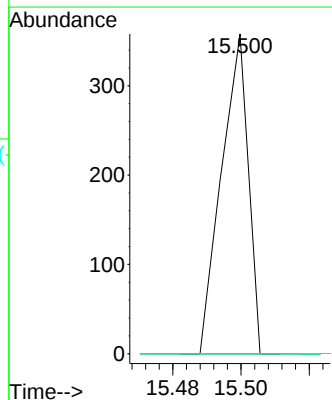
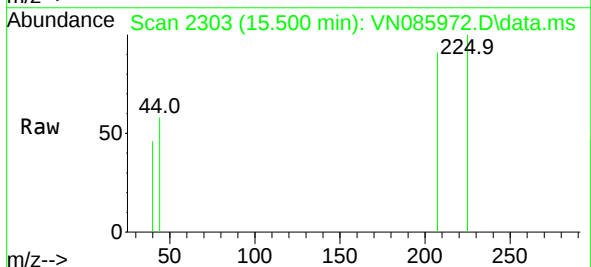
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

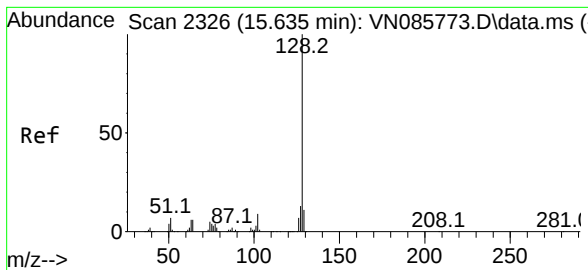
Tgt Ion: 75 Resp: 47660
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#



#94
Hexachlorobutadiene
Concen: 0.221 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085972.D
Acq: 13 Mar 2025 11:38

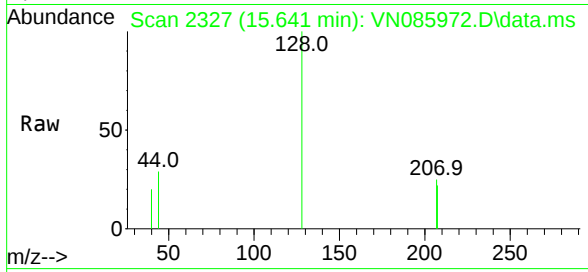
Tgt Ion: 225 Resp: 195
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.5#
227 0.0 32.2 96.6#





#95
 Naphthalene
 Concen: 0.374 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085972.D
 Acq: 13 Mar 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBL01



Tgt Ion:	128	Resp:	1490
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.7	13.1#

