

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085449.D
 Acq On : 15 Jan 2025 10:05
 Operator : JC\MD
 Sample : VN0115WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBL01

Quant Time: Jan 16 00:53:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	195111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	319974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	173401	55.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.120%
35) Dibromofluoromethane	8.165	113	129916	51.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	10.565	98	445519	50.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.847	95	149204	49.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.120%

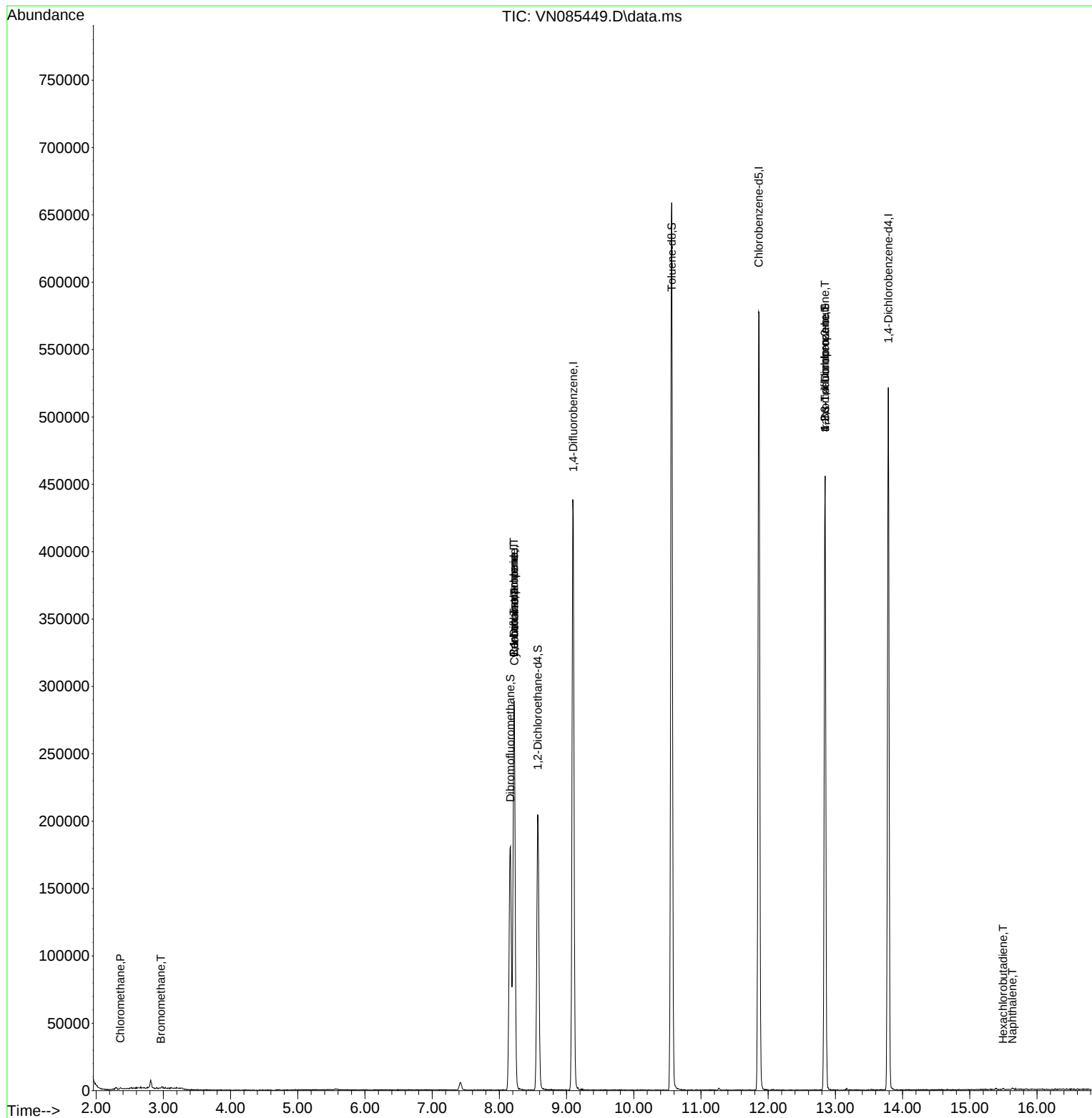
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	600	0.210	ug/l #	41
5) Bromomethane	2.965	94	754	0.434	ug/l	99
31) Cyclohexane	8.224	56	5243	1.312	ug/l #	2
36) 1,1-Dichloropropene	8.218	75	18970	5.401	ug/l #	50
38) Carbon Tetrachloride	8.218	117	22953	5.708	ug/l #	17
76) 1,2,3-Trichloropropane	12.847	75	84484	31.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84484	86.154	ug/l #	3
94) Hexachlorobutadiene	15.494	225	339	0.325	ug/l	88
95) Naphthalene	15.635	128	1778	0.303	ug/l #	69

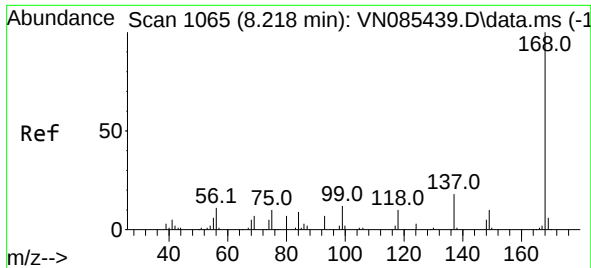
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

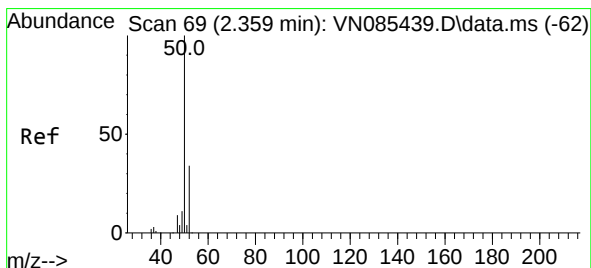
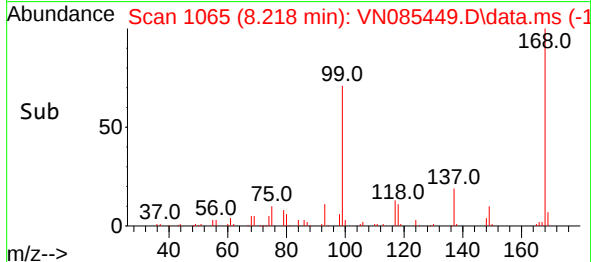
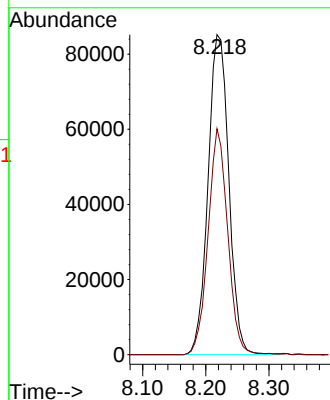
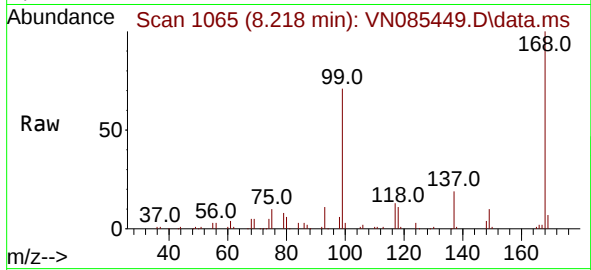




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

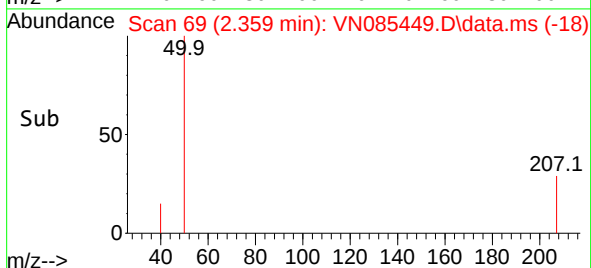
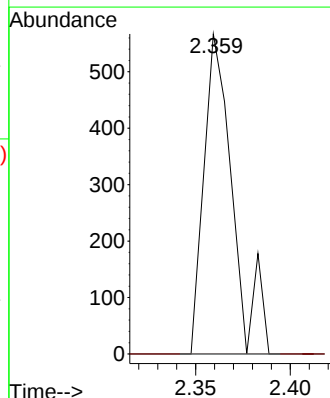
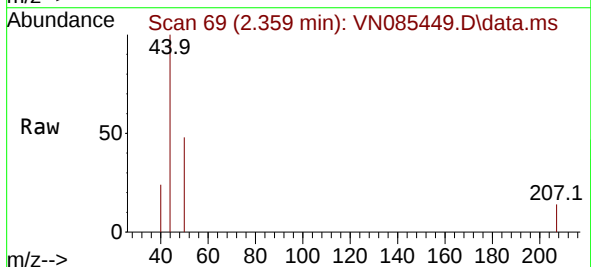
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

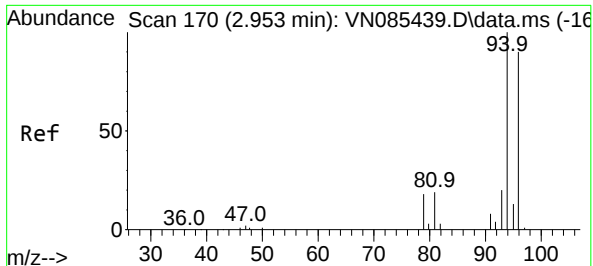
Tgt Ion:168 Resp: 195111
Ion Ratio Lower Upper
168 100
99 70.6 53.6 80.4



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

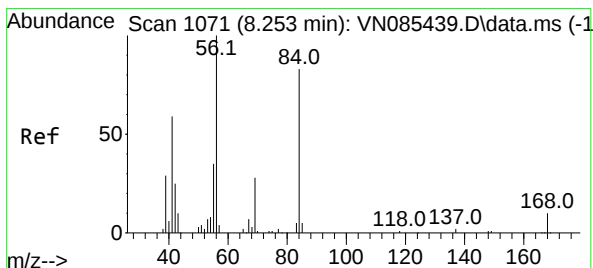
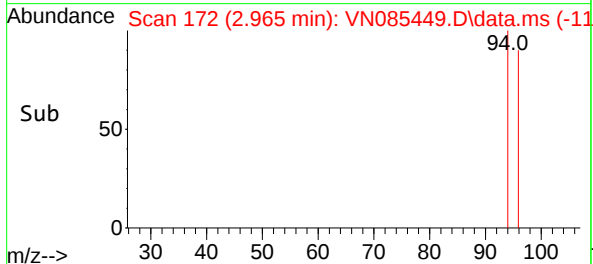
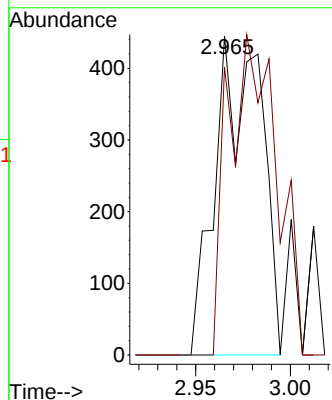
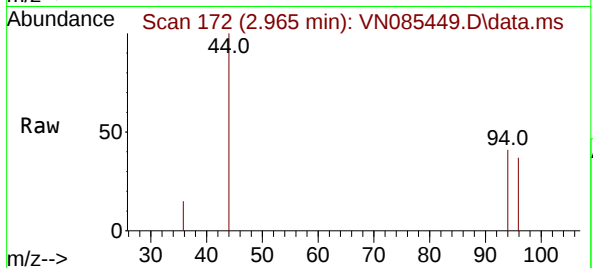




#5
Bromomethane
Concen: 0.434 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

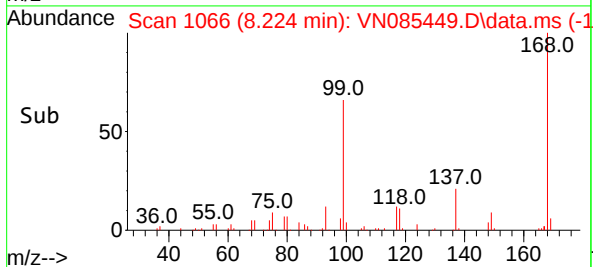
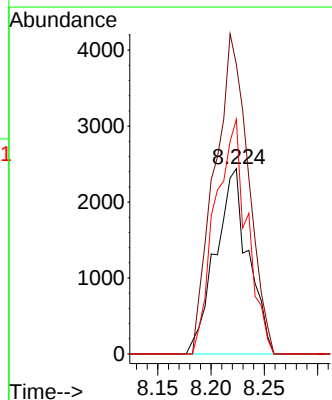
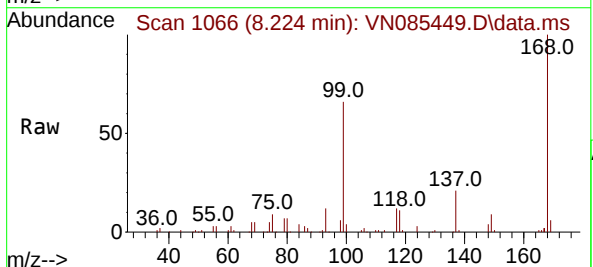
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

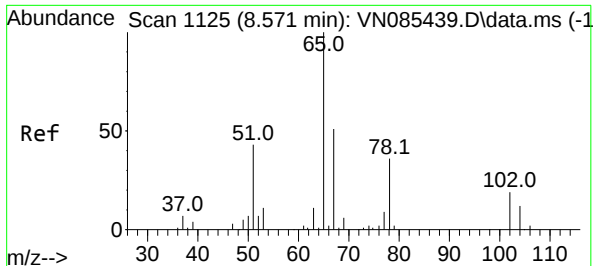
Tgt Ion: 94 Resp: 754
Ion Ratio Lower Upper
94 100
96 90.3 71.8 107.6



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

Tgt Ion: 56 Resp: 5243
Ion Ratio Lower Upper
56 100
69 156.2 22.2 33.4#
84 126.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.057 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085449.D

Acq: 15 Jan 2025 10:05

Instrument :

MSVOA_N

ClientSampleId :

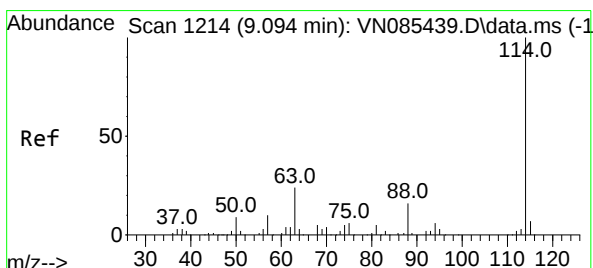
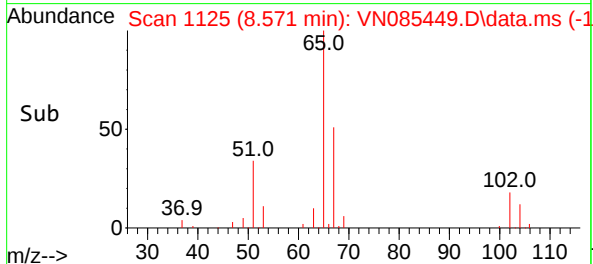
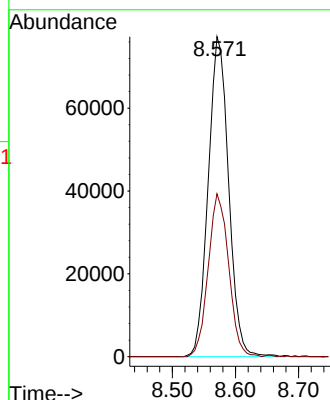
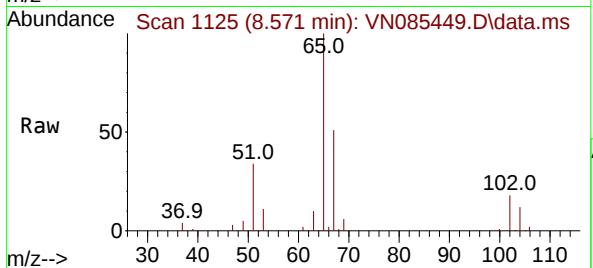
VN0115WBL01

Tgt Ion: 65 Resp: 173401

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085449.D

Acq: 15 Jan 2025 10:05

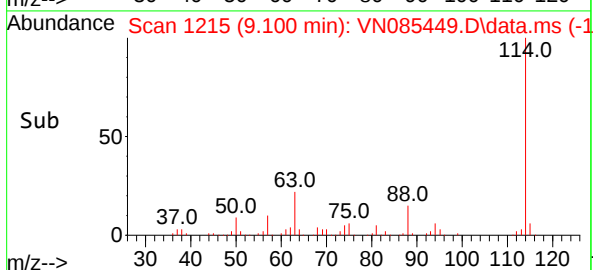
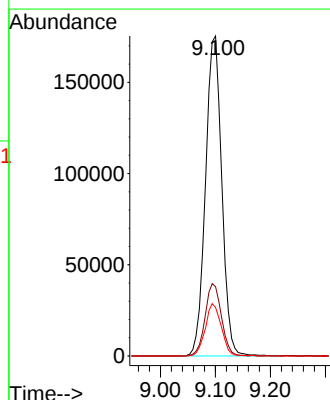
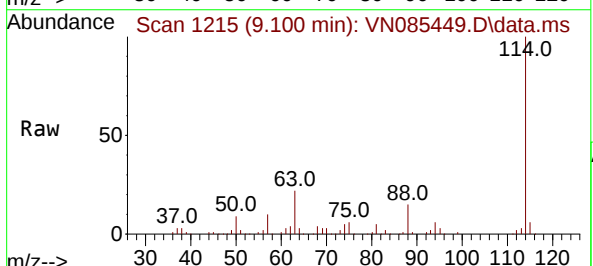
Tgt Ion: 114 Resp: 360723

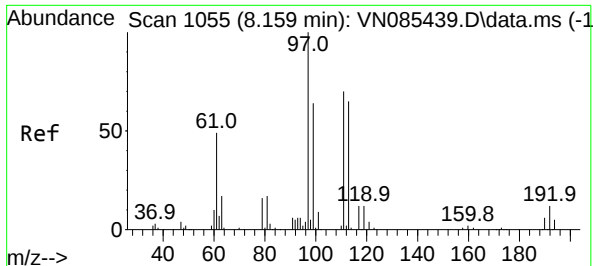
Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.914 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085449.D

Acq: 15 Jan 2025 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBL01

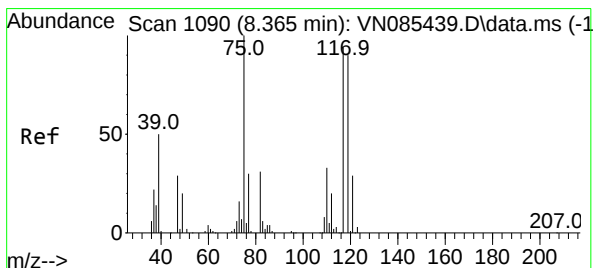
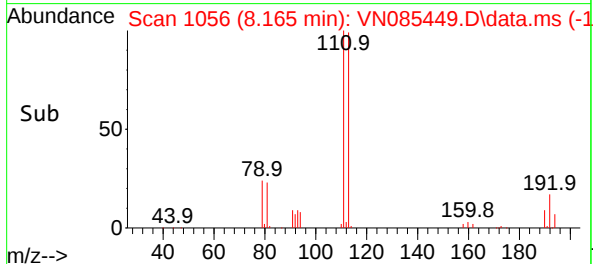
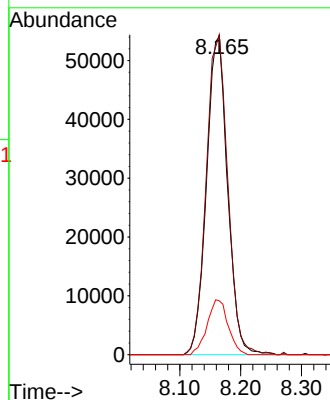
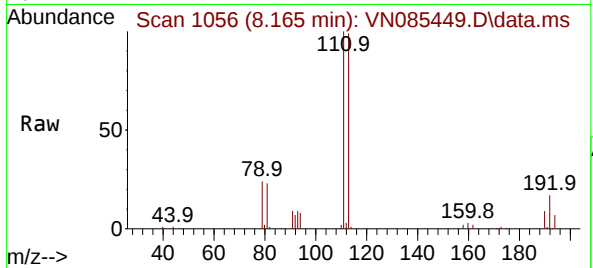
Tgt Ion:113 Resp: 129916

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.401 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085449.D

Acq: 15 Jan 2025 10:05

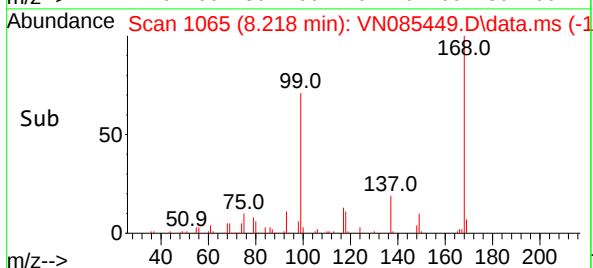
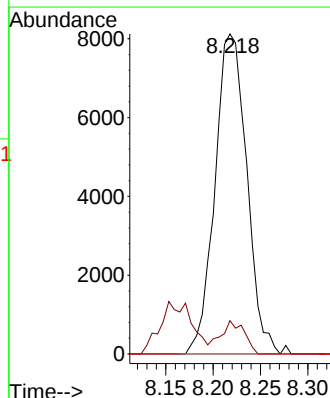
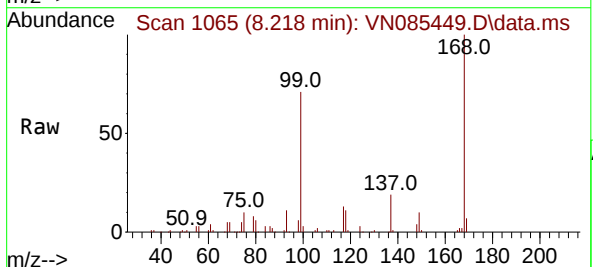
Tgt Ion: 75 Resp: 18970

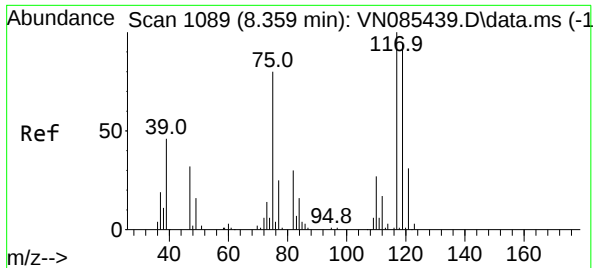
Ion Ratio Lower Upper

75 100

110 7.8 16.5 49.5#

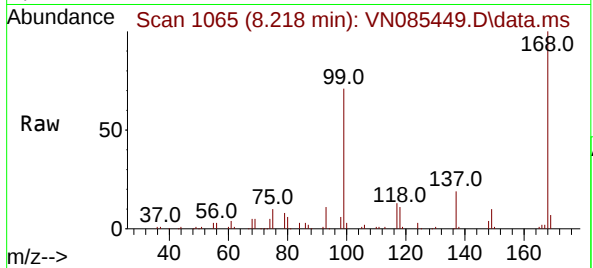
77 0.0 24.4 36.6#



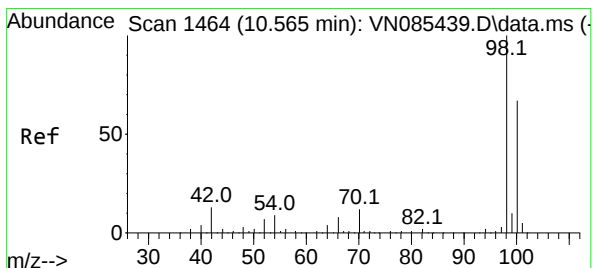
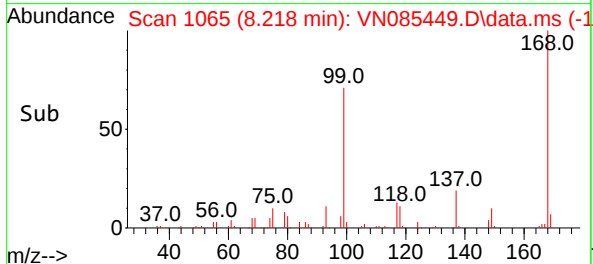
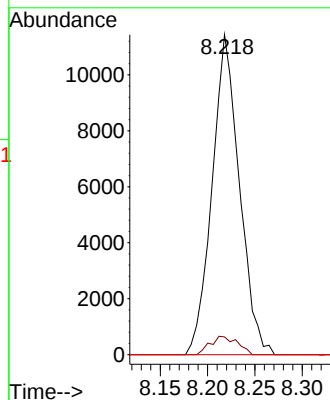


#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

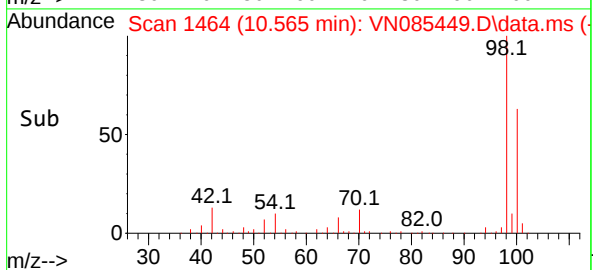
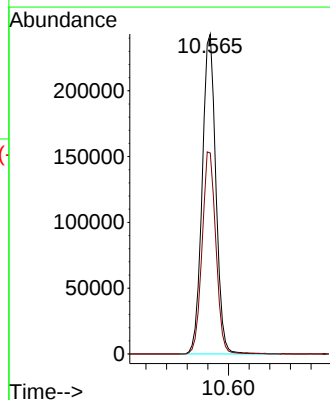
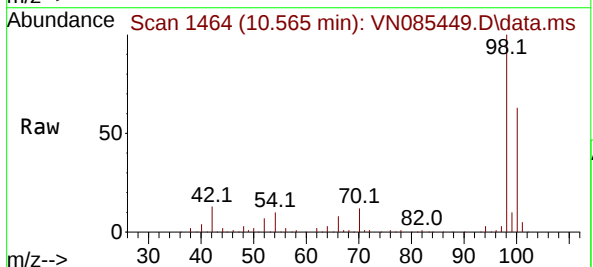


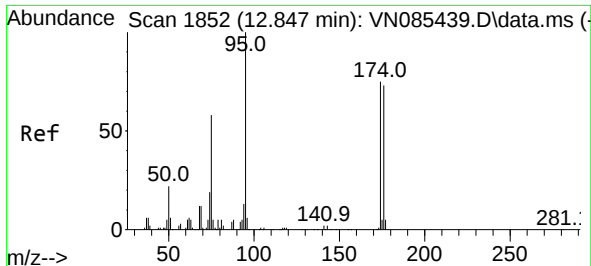
Tgt Ion:117 Resp: 22953
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

Tgt Ion: 98 Resp: 445519
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4

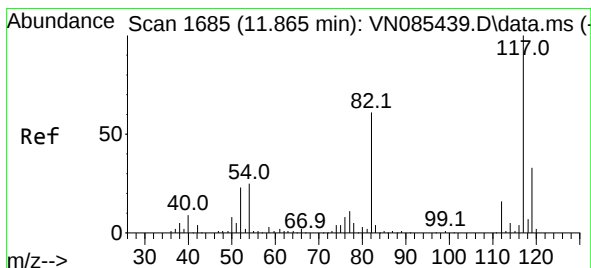
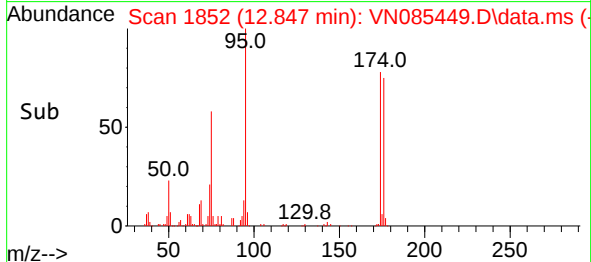
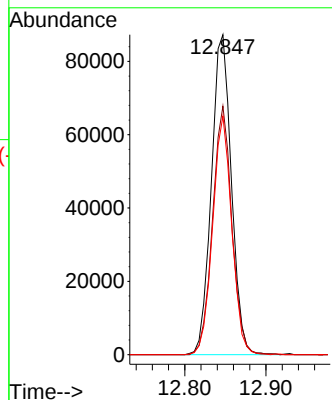
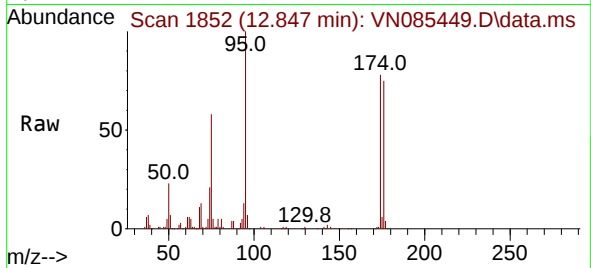




#62
4-Bromofluorobenzene
Concen: 49.055 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

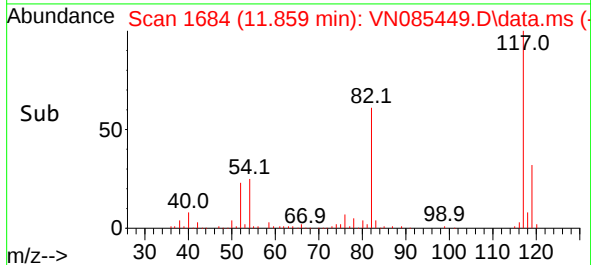
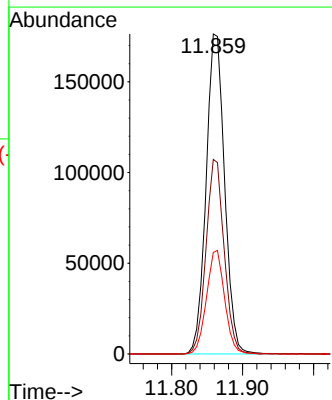
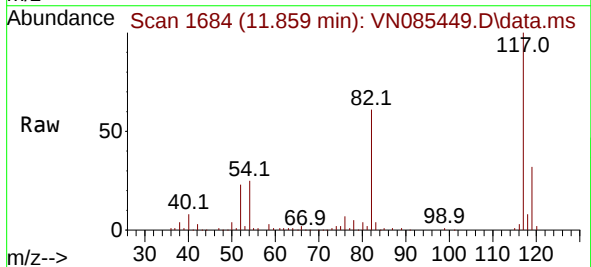
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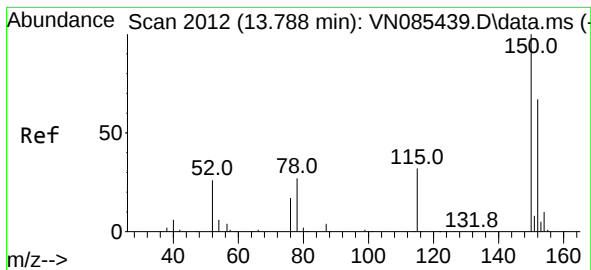
Tgt Ion: 95 Resp: 149204
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.0
176 71.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

Tgt Ion: 117 Resp: 319974
Ion Ratio Lower Upper
117 100
82 60.8 48.6 72.8
119 31.8 26.6 39.8

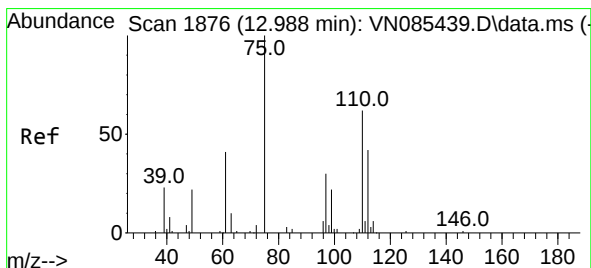
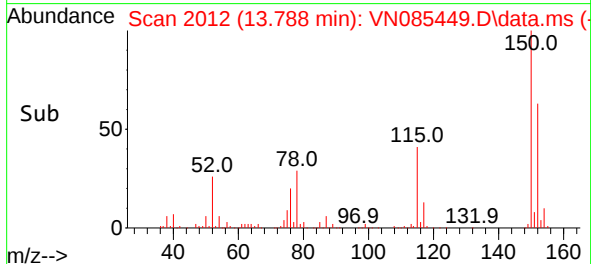
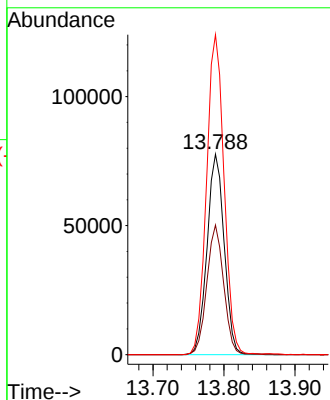
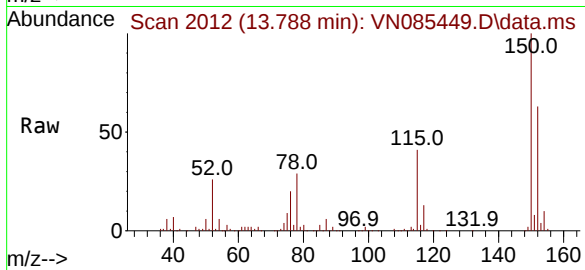




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085449.D
 Acq: 15 Jan 2025 10:05

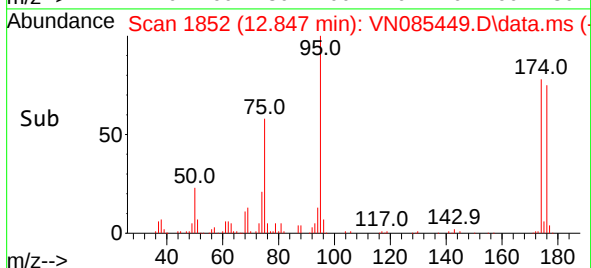
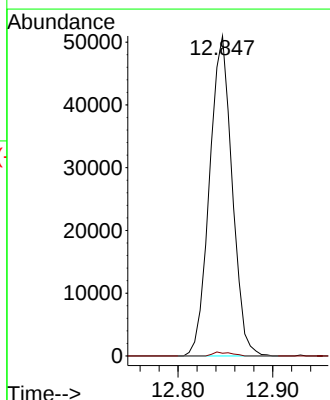
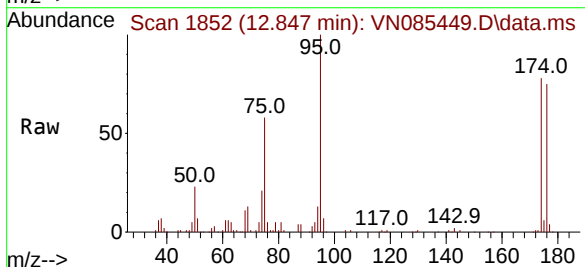
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBL01

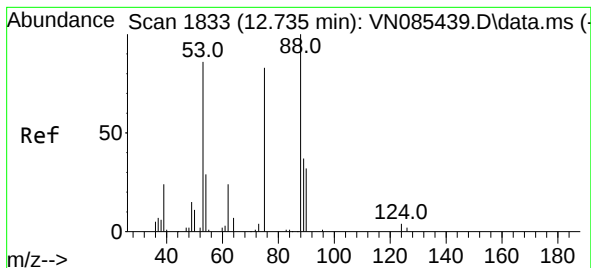
Tgt Ion:152 Resp: 130534
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.1 93.3
 150 162.1 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 31.843 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085449.D
 Acq: 15 Jan 2025 10:05

Tgt Ion: 75 Resp: 84484
 Ion Ratio Lower Upper
 75 100
 77 1.0 109.7 329.2#

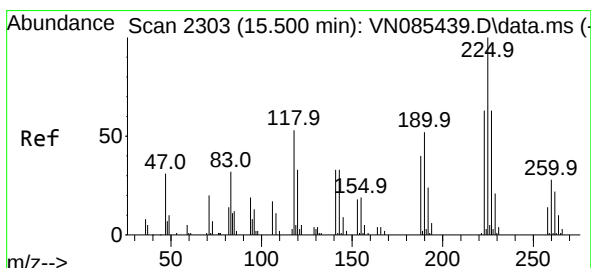
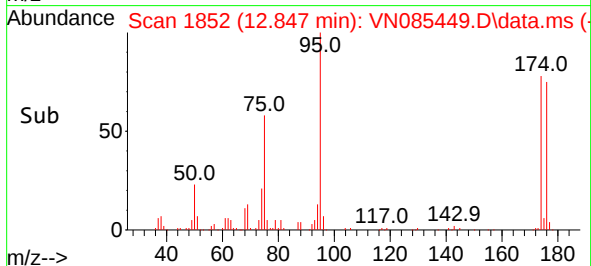
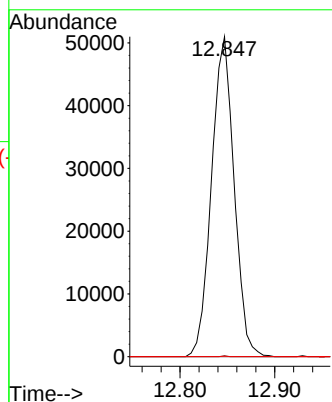
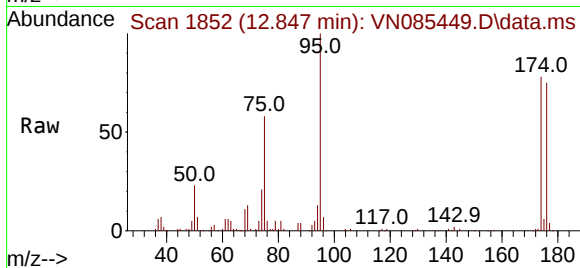




#81
trans-1,4-Dichloro-2-butene
Concen: 86.154 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

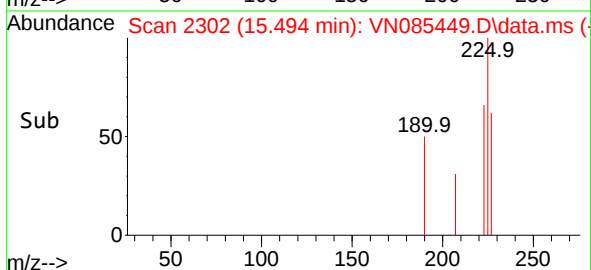
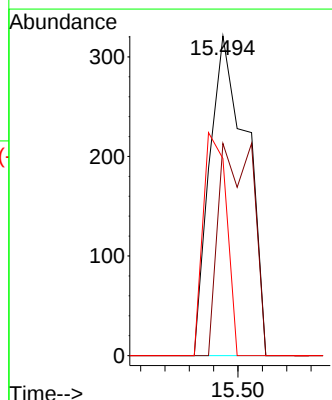
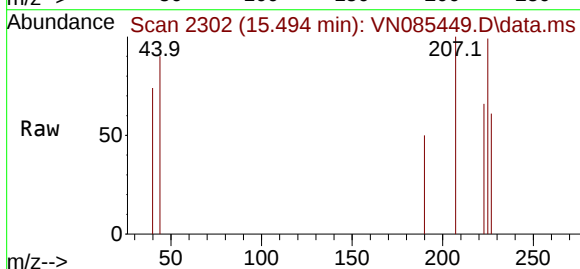
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

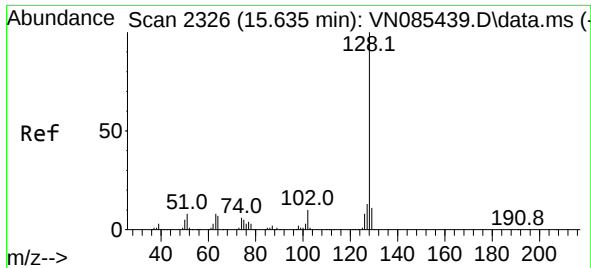
Tgt Ion: 75 Resp: 84484
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.325 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

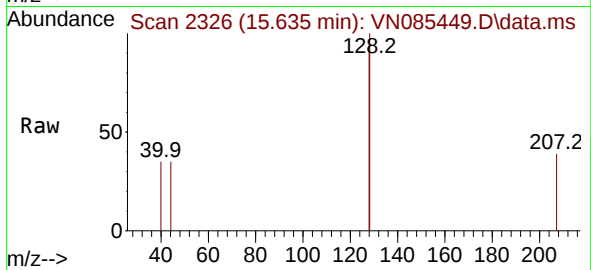
Tgt Ion: 225 Resp: 339
Ion Ratio Lower Upper
225 100
223 61.9 30.7 92.1
227 44.0 30.9 92.5





#95
Naphthalene
Concen: 0.303 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085449.D
Acq: 15 Jan 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01



Tgt Ion:128 Resp: 1778
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

