

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075917.D
 Acq On : 21 Dec 2022 14:17
 Operator : JC\MD
 Sample : N6164-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-122022

Quant Time: Dec 22 03:01:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

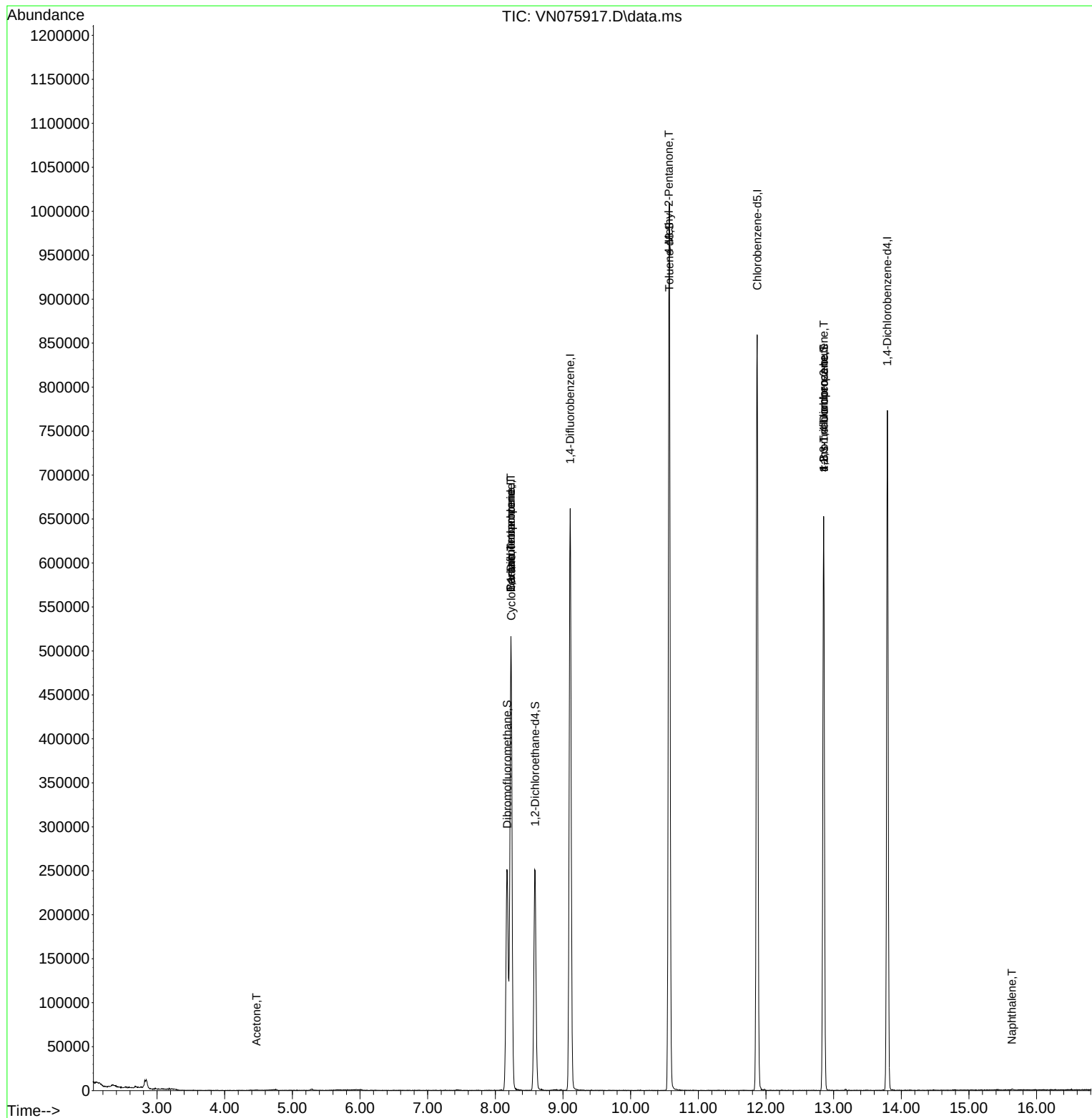
Internal Standards						
1) Pentafluorobenzene	8.230	168	397927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	528055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199731	46.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.280%
35) Dibromofluoromethane	8.177	113	181536	47.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	10.571	98	707869	49.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.853	95	222078	46.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	650	0.436	ug/l #	39
20) Methylene Chloride	5.295	84	1101	Below Cal	#	60
31) Cyclohexane	8.236	56	7645	1.233	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	28455	5.591	ug/l #	51
38) Carbon Tetrachloride	8.230	117	39373	6.912	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2466	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	108961	24.989	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	108961	89.947	ug/l #	12
95) Naphthalene	15.635	128	1168	2.272	ug/l #	69

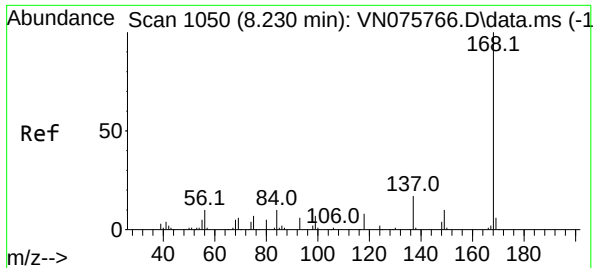
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

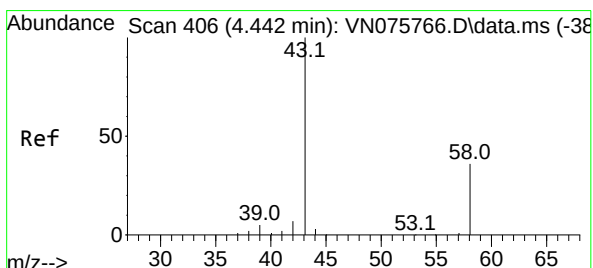
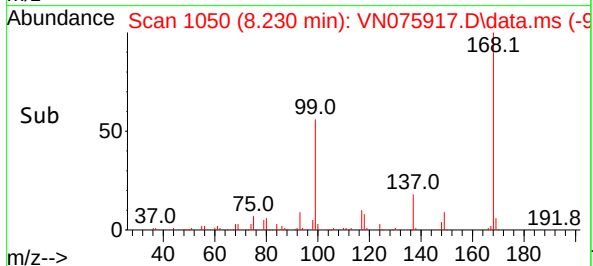
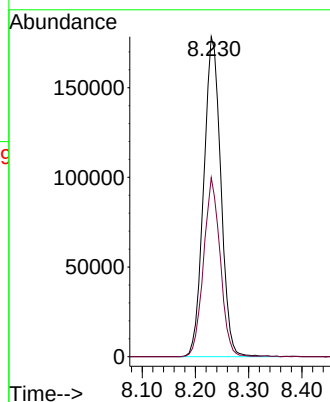
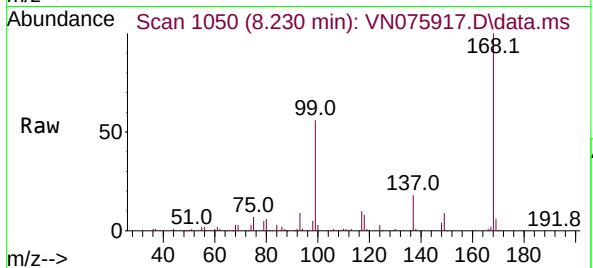




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

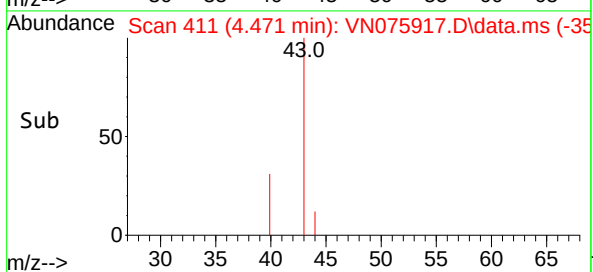
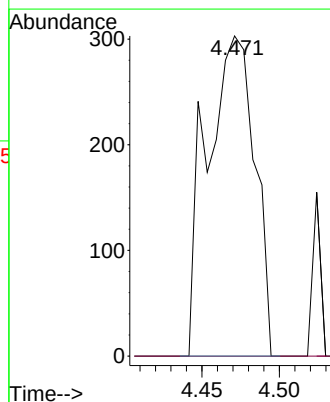
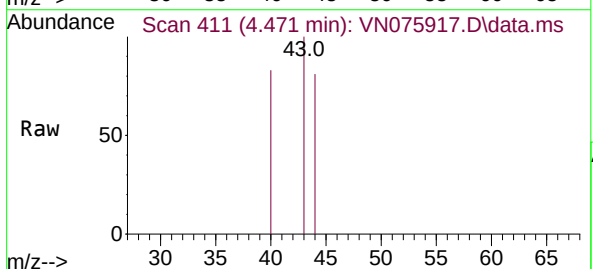
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

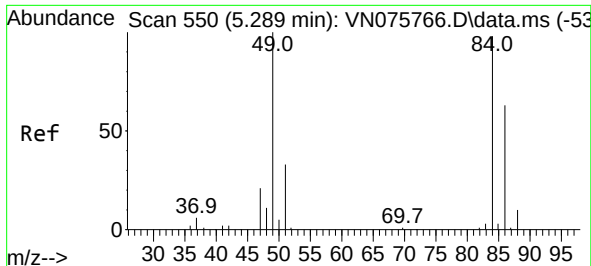
Tgt Ion:168 Resp: 397927
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#16
Acetone
Concen: 0.436 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

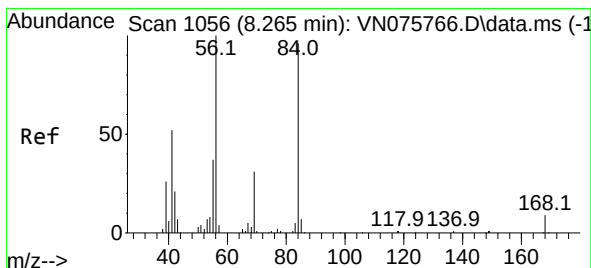
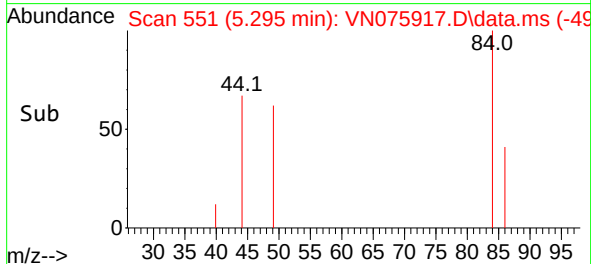
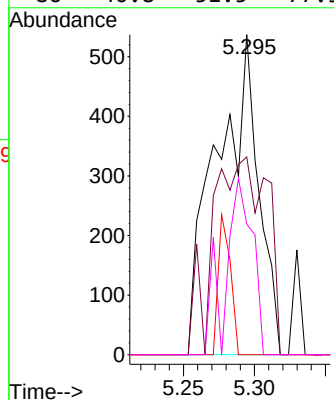
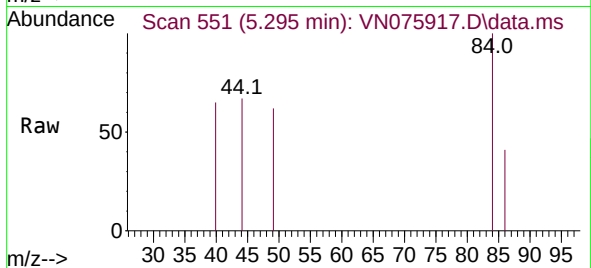




#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

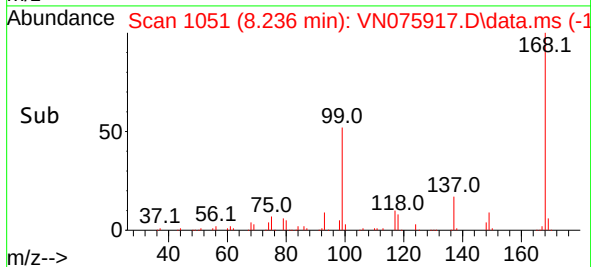
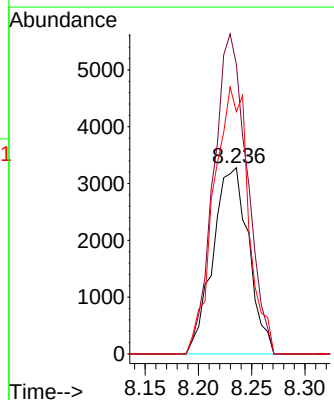
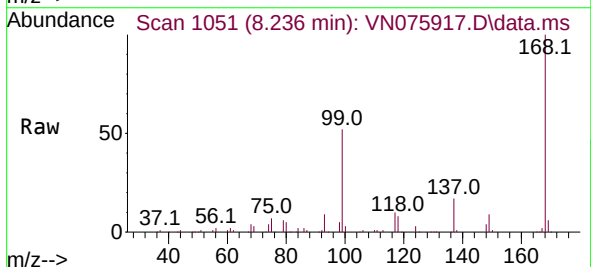
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

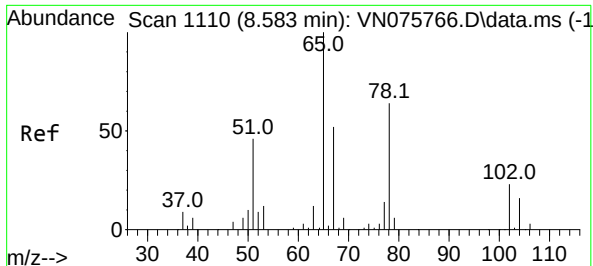
Tgt Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
49 61.8 81.8 122.6#
51 0.0 26.7 40.1#
86 40.8 51.5 77.3#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion: 56 Resp: 7645
Ion Ratio Lower Upper
56 100
69 155.4 24.7 37.1#
84 130.1 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.137 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

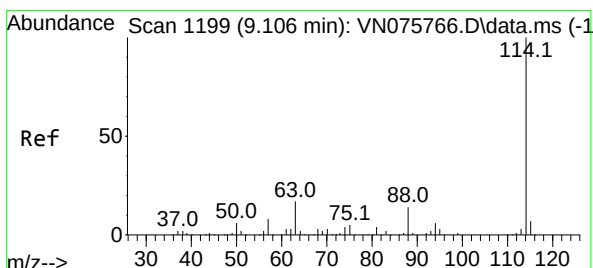
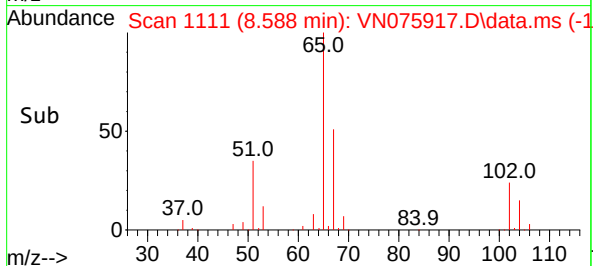
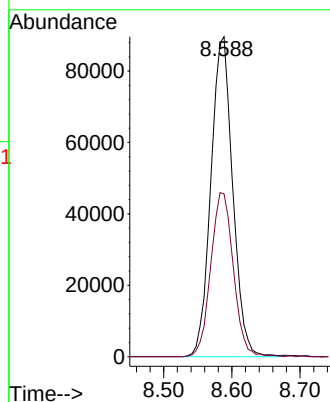
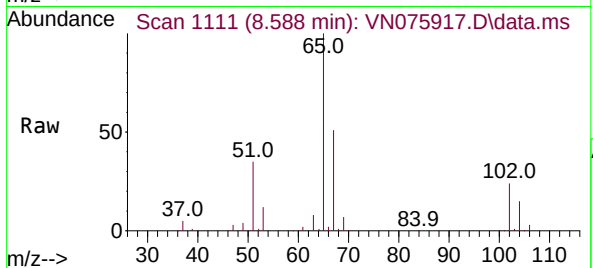
TB-01-122022

Tgt Ion: 65 Resp: 199731

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

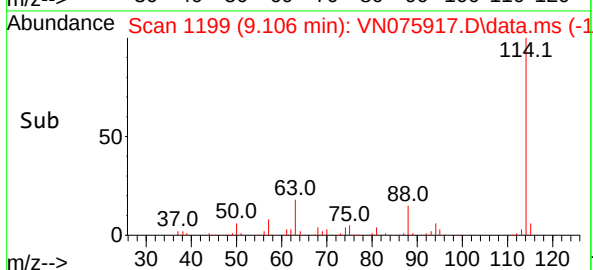
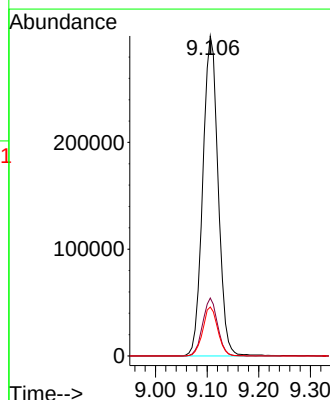
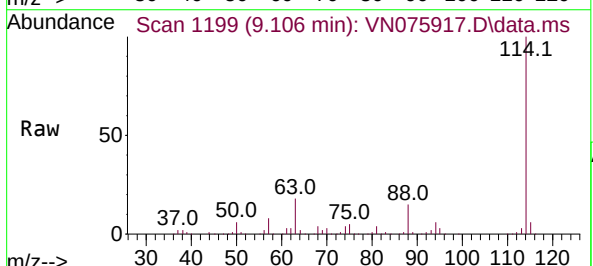
Tgt Ion: 114 Resp: 618710

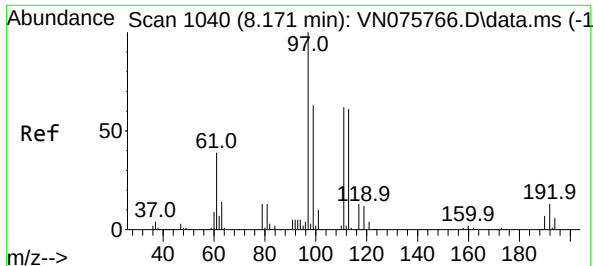
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.379 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122022

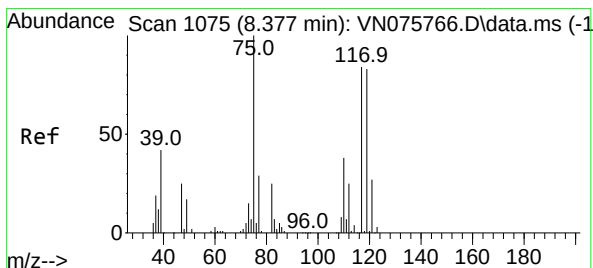
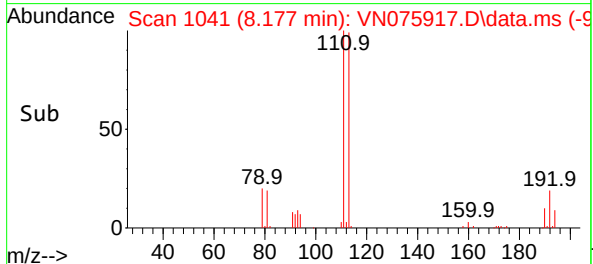
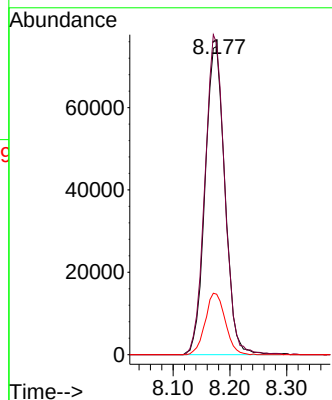
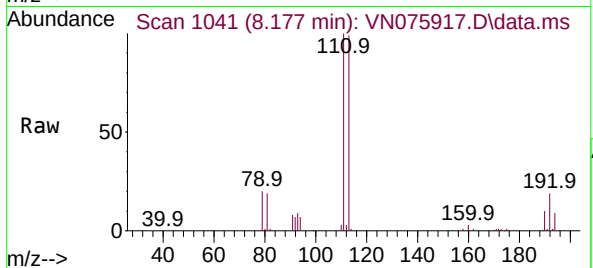
Tgt Ion:113 Resp: 181536

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 20.0 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.591 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

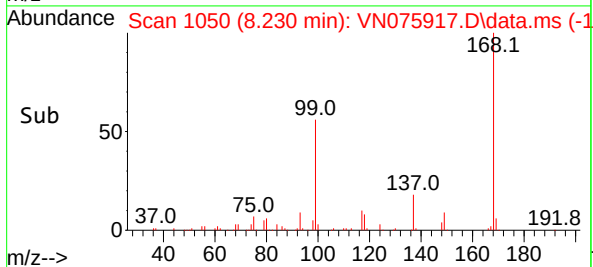
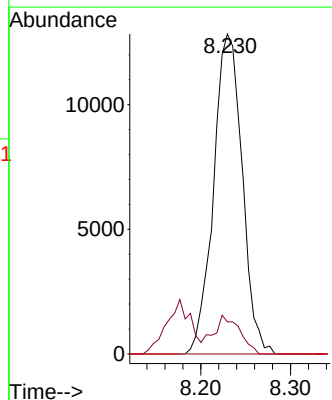
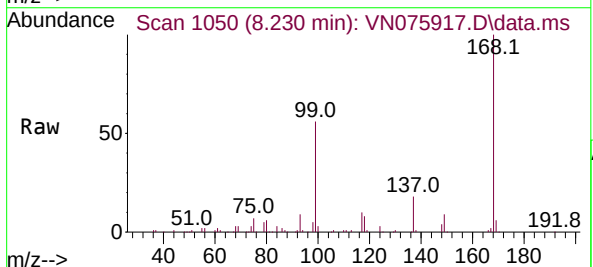
Tgt Ion: 75 Resp: 28455

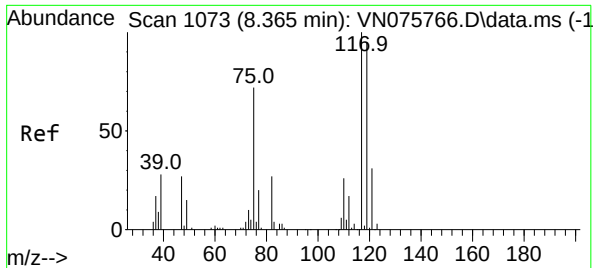
Ion Ratio Lower Upper

75 100

110 11.1 18.8 56.4#

77 0.0 24.1 36.1#

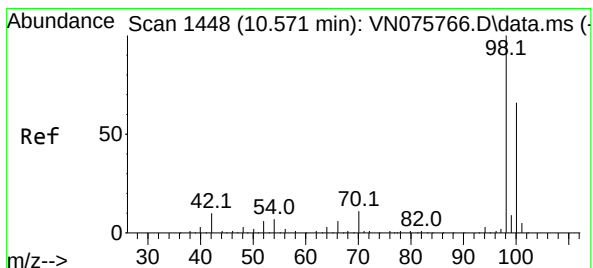
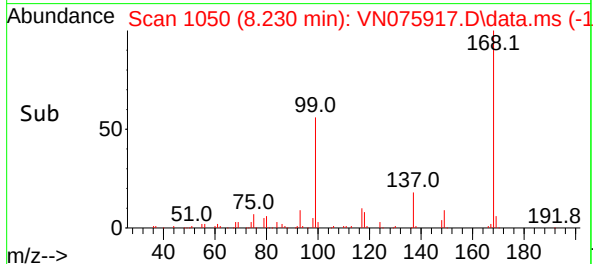
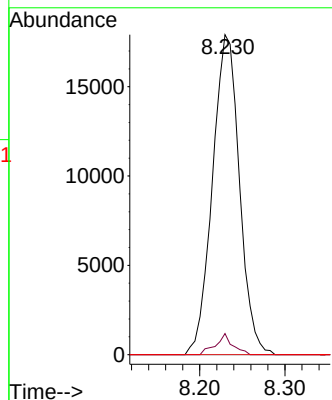
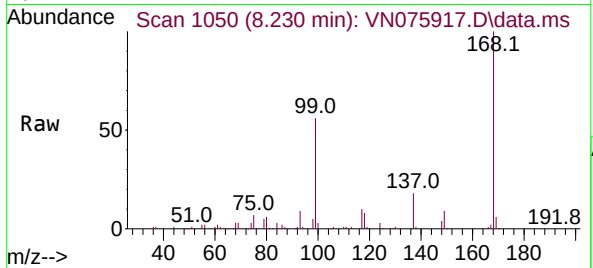




#38
Carbon Tetrachloride
Concen: 6.912 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

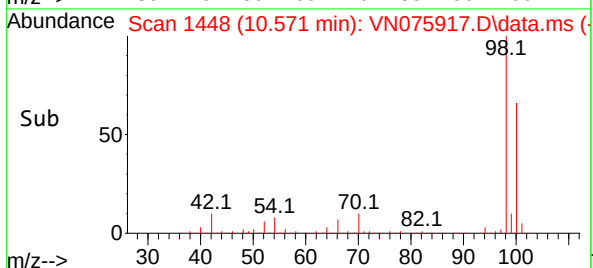
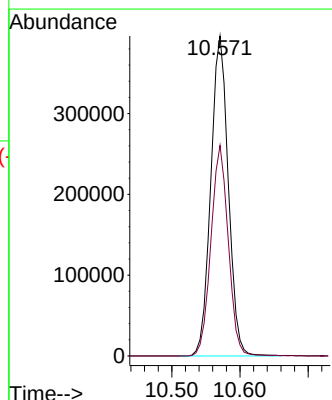
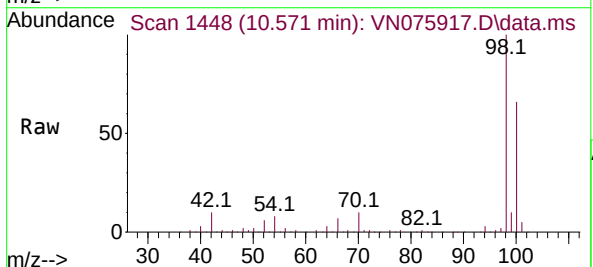
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

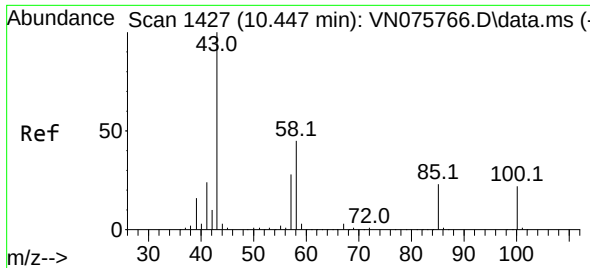
Tgt Ion:117 Resp: 39373
Ion Ratio Lower Upper
117 100
119 6.6 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion: 98 Resp: 707869
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.605 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.118 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

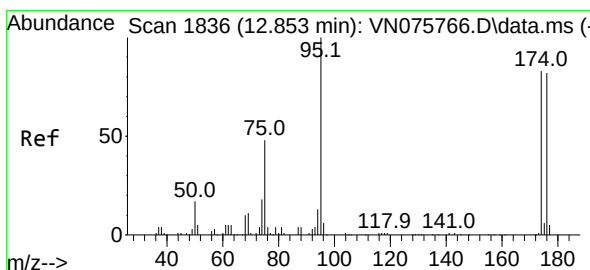
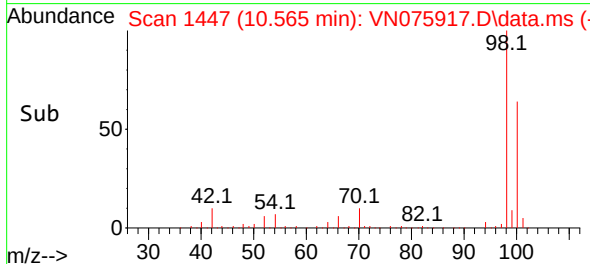
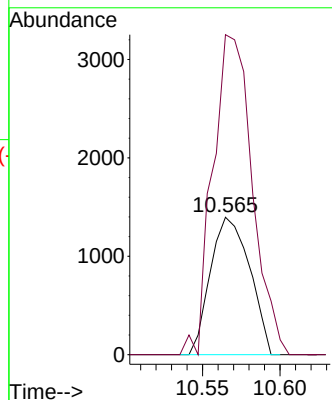
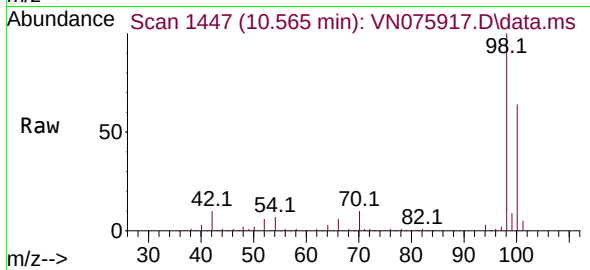
TB-01-122022

Tgt Ion: 43 Resp: 2466

Ion Ratio Lower Upper

43 100

58 234.1 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 46.804 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

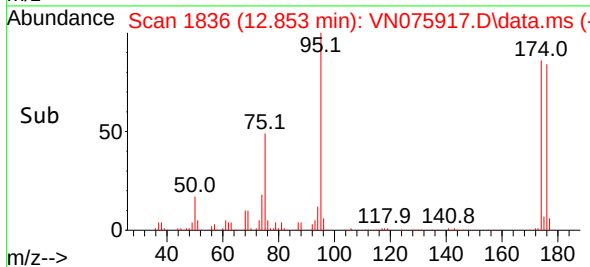
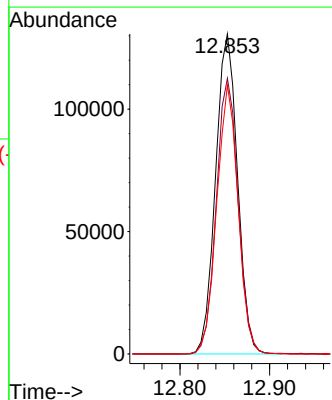
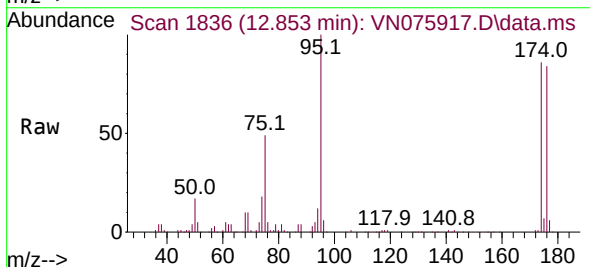
Tgt Ion: 95 Resp: 222078

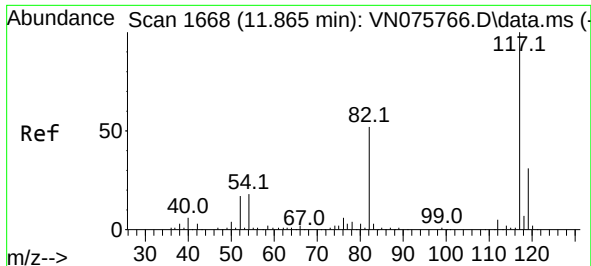
Ion Ratio Lower Upper

95 100

174 85.8 0.0 171.6

176 81.7 0.0 169.2

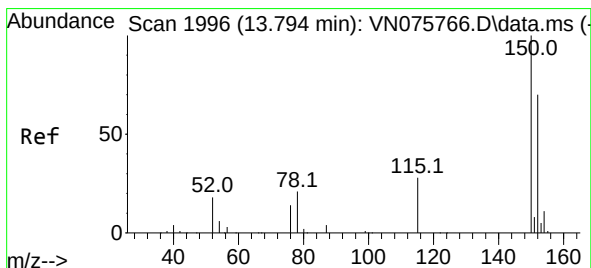
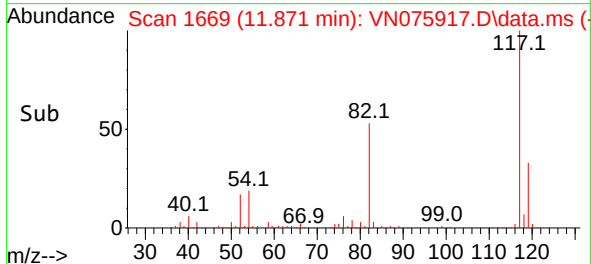
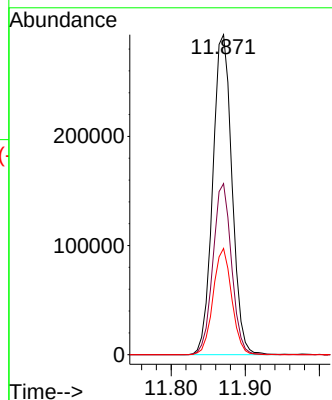
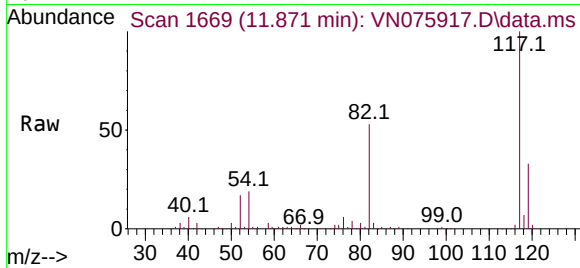




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

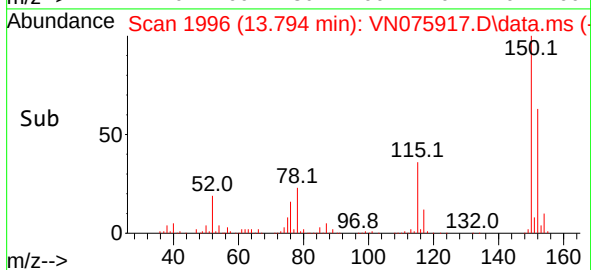
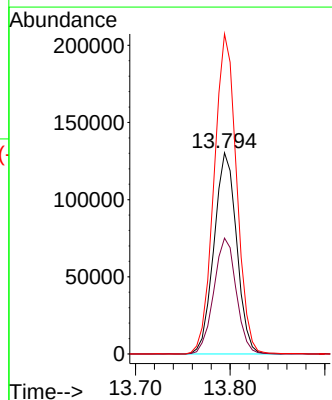
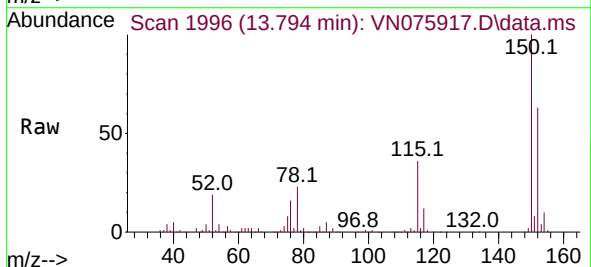
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

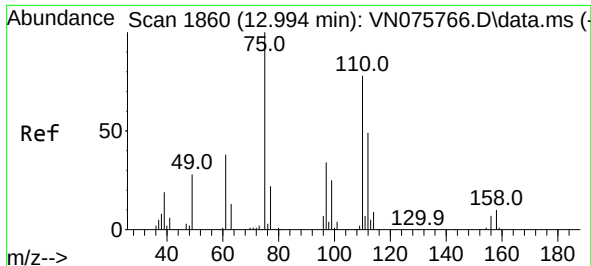
Tgt Ion:117 Resp: 528055
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 33.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion:152 Resp: 216316
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 158.3 0.0 347.0

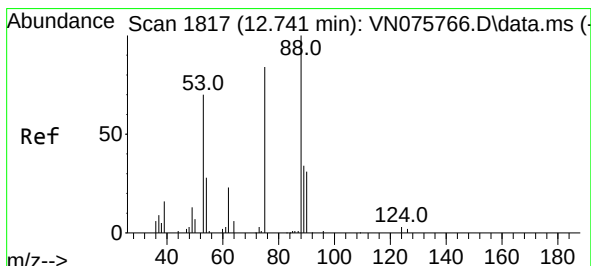
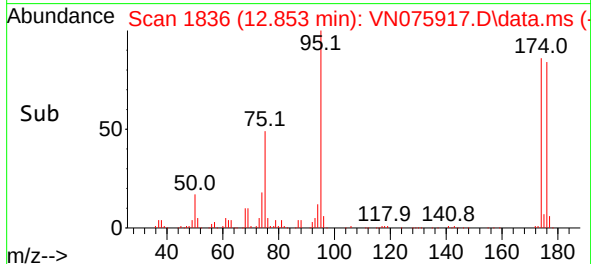
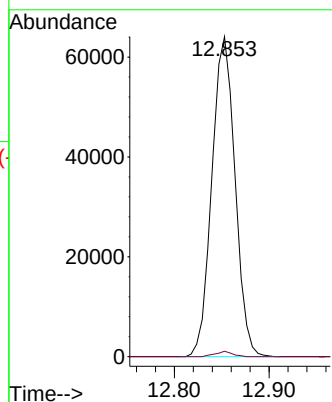
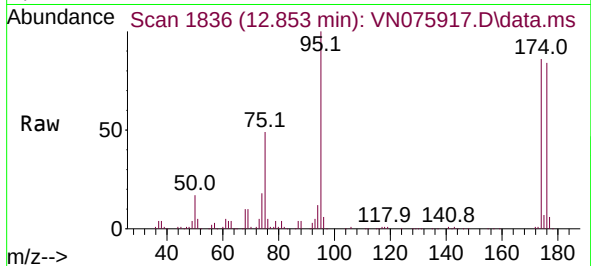




#76
1,2,3-Trichloropropane
Concen: 24.989 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

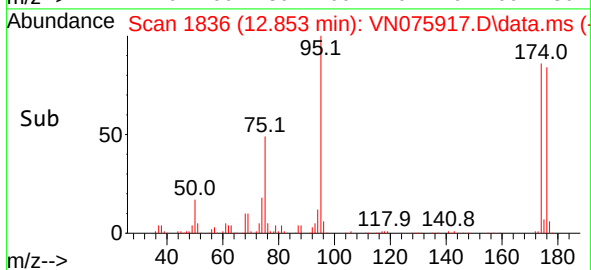
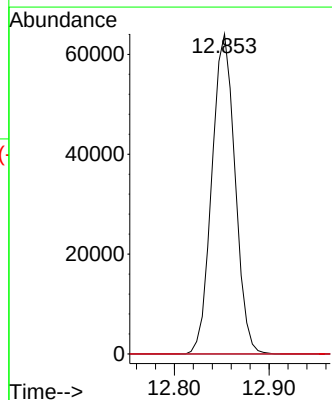
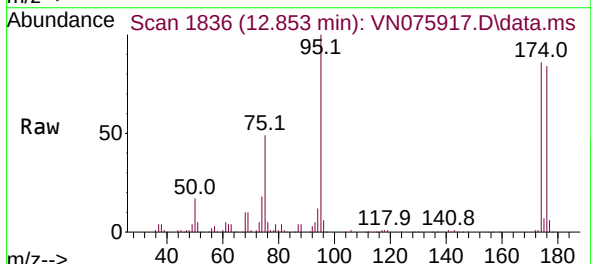
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

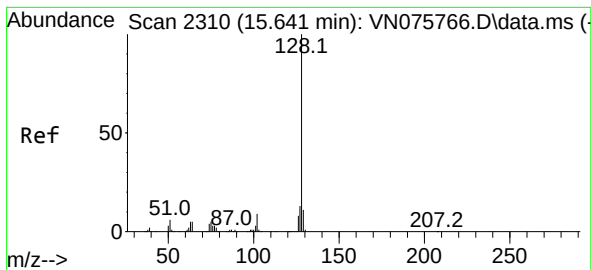
Tgt Ion: 75 Resp: 108961
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.947 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

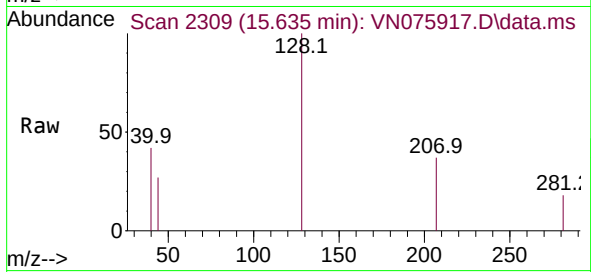
Tgt Ion: 75 Resp: 108961
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.272 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022



Tgt Ion:128 Resp: 1168
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

