

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085347.D
 Acq On : 30 Dec 2024 16:02
 Operator : JC\MD
 Sample : P5369-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:15:30 2024
 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)

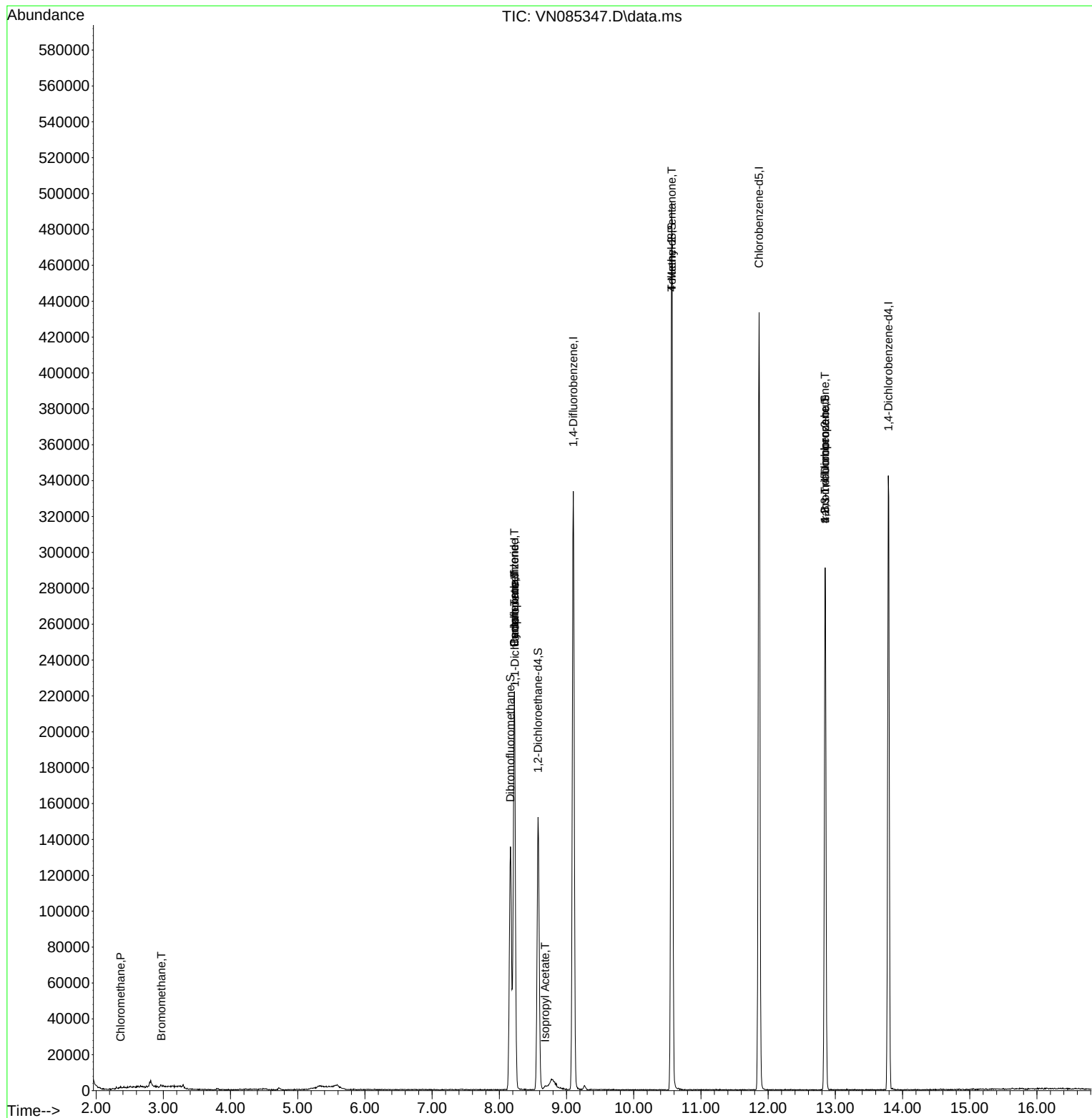
Internal Standards						
1) Pentafluorobenzene	8.224	168	147922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124029	58.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.580%	
35) Dibromofluoromethane	8.165	113	93485	54.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.360%	
50) Toluene-d8	10.565	98	334271	52.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	12.847	95	96715	45.993	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	604	0.269	ug/l #	43
5) Bromomethane	2.971	94	522	0.336	ug/l #	58
31) Cyclohexane	8.224	56	4284	1.374	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	13751	5.443	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16495	5.990	ug/l #	17
43) Isopropyl Acetate	8.683	43	1357	0.328	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1509	0.649	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	52956	32.664	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52956	78.225	ug/l #	10

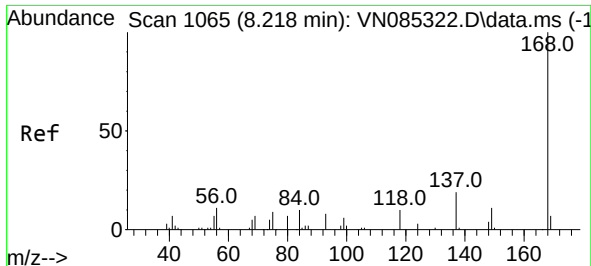
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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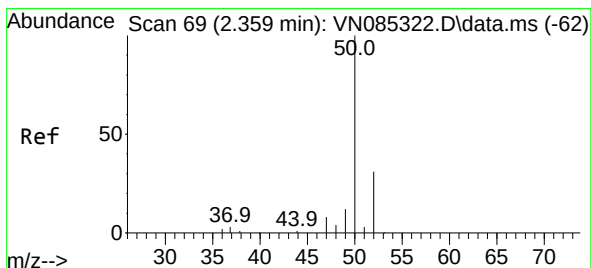
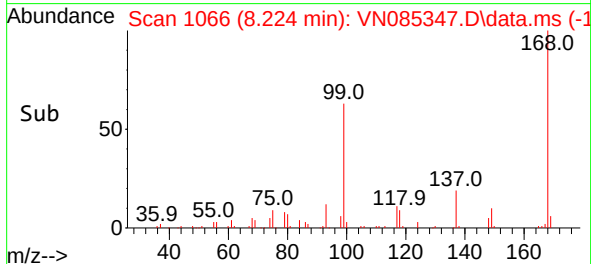
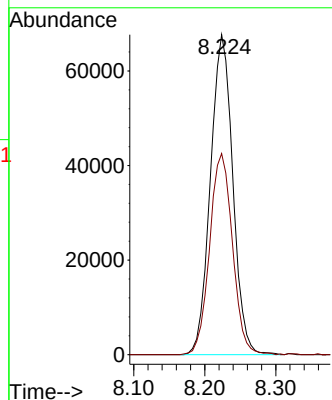
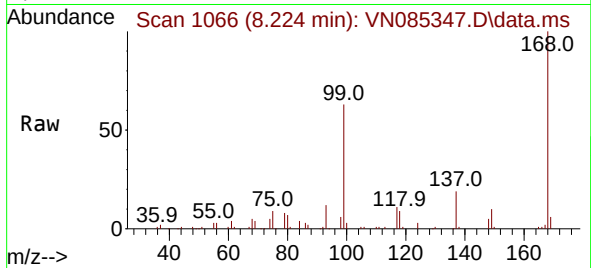




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

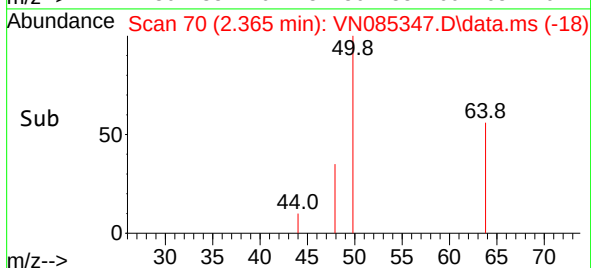
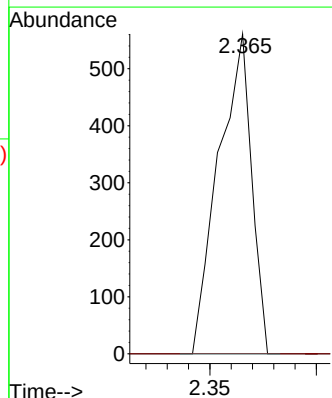
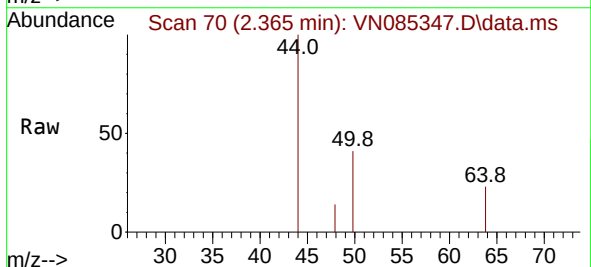
Instrument :
MSVOA_N
ClientSampleId :

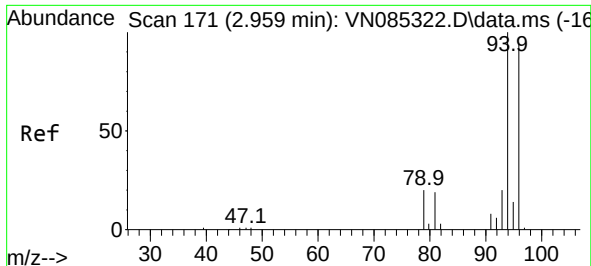
Tgt Ion:168 Resp: 147922
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.4



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#





#5

Bromomethane

Concen: 0.336 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

Instrument :

MSVOA_N

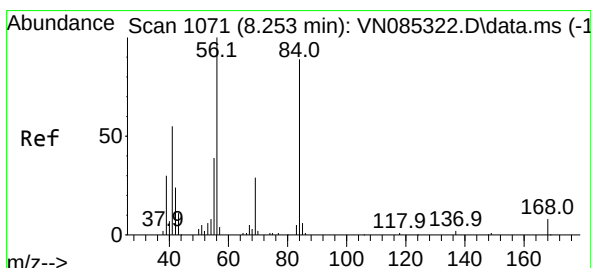
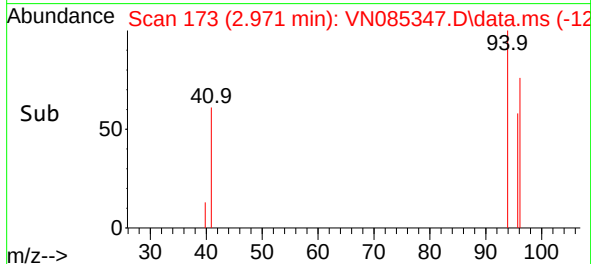
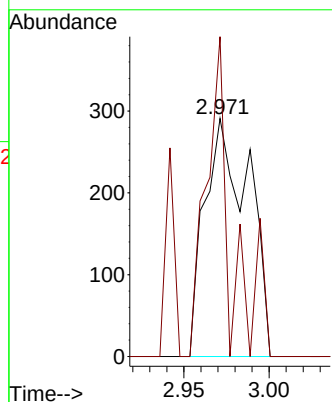
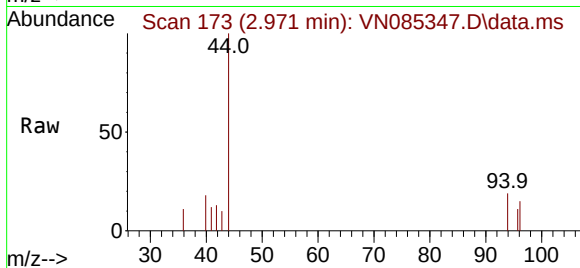
ClientSampleId :

Tgt Ion: 94 Resp: 522

Ion Ratio Lower Upper

94 100

96 134.4 75.2 112.8#



#31

Cyclohexane

Concen: 1.374 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

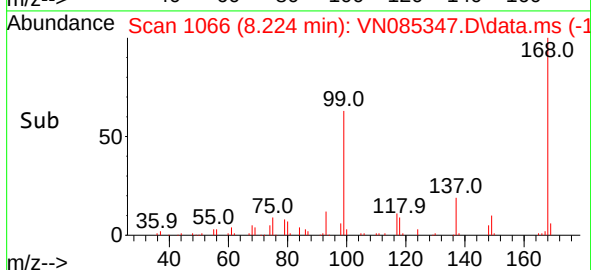
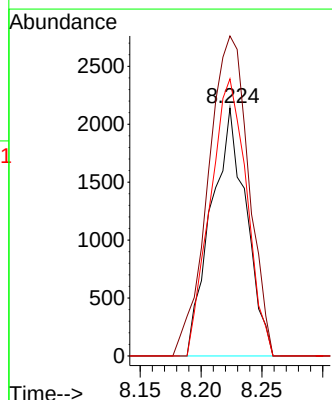
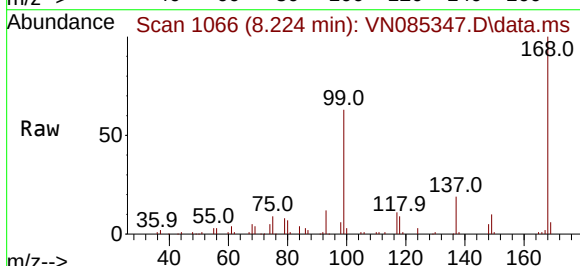
Tgt Ion: 56 Resp: 4284

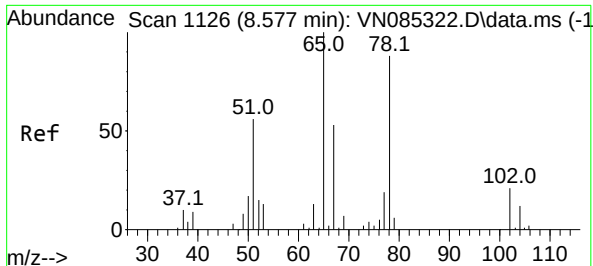
Ion Ratio Lower Upper

56 100

69 129.1 23.4 35.0#

84 111.8 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 58.787 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

Instrument :

MSVOA_N

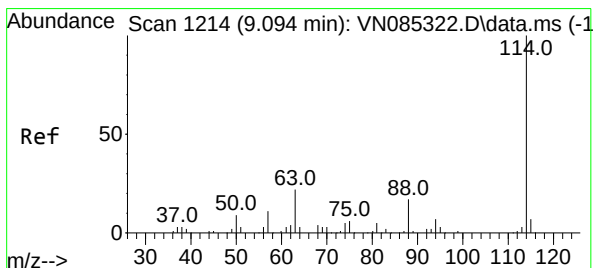
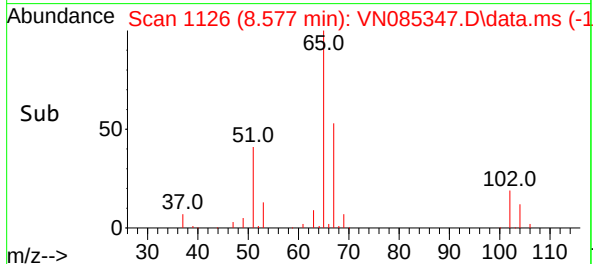
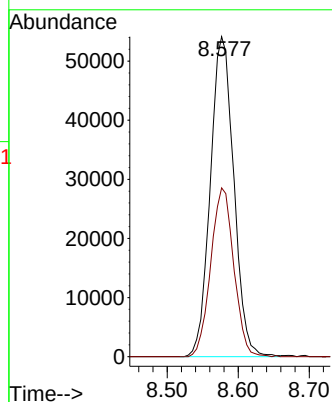
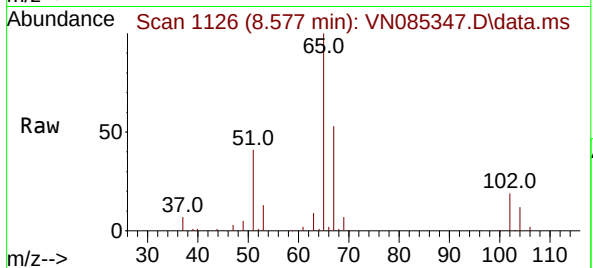
ClientSampleId :

Tgt Ion: 65 Resp: 124029

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

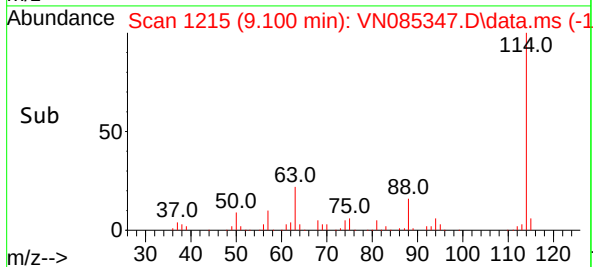
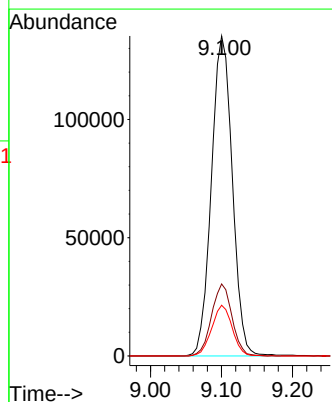
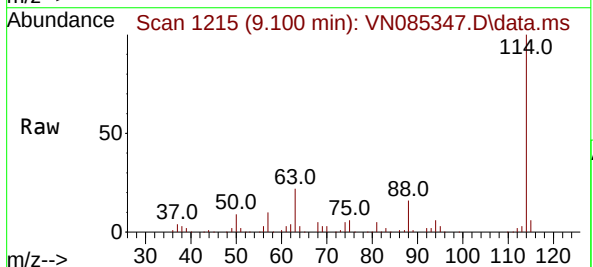
Tgt Ion: 114 Resp: 276580

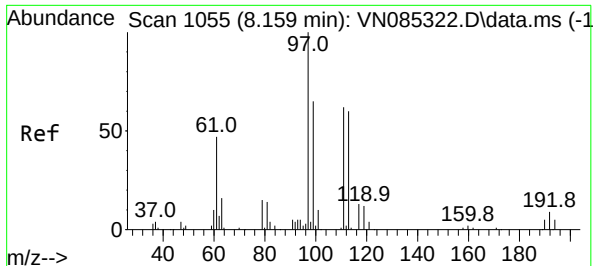
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 15.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 54.180 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

Instrument :

MSVOA_N

ClientSampleId :

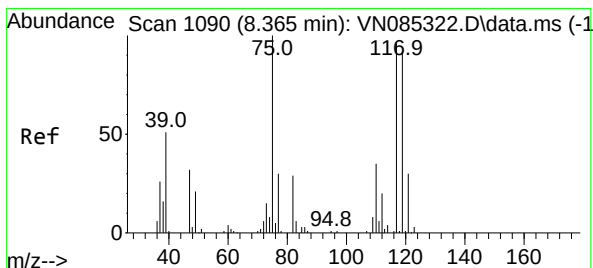
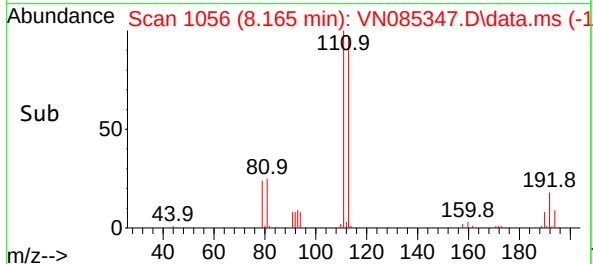
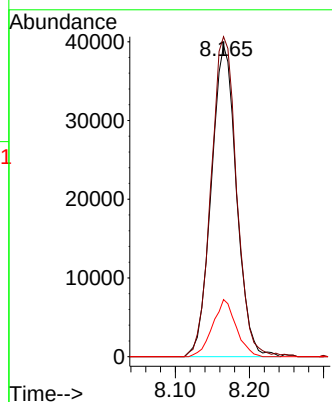
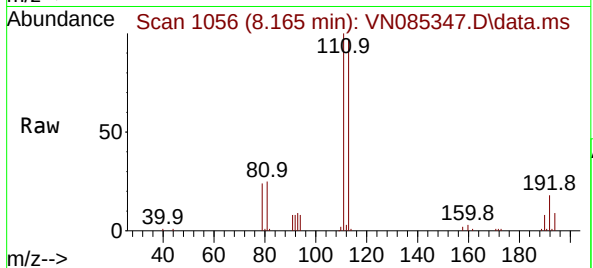
Tgt Ion:113 Resp: 93485

Ion Ratio Lower Upper

113 100

111 104.2 80.5 120.7

192 17.1 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.443 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

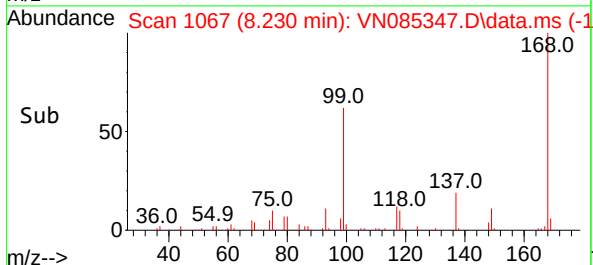
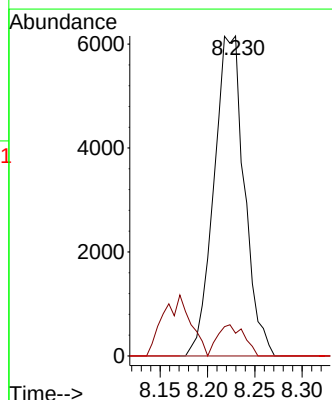
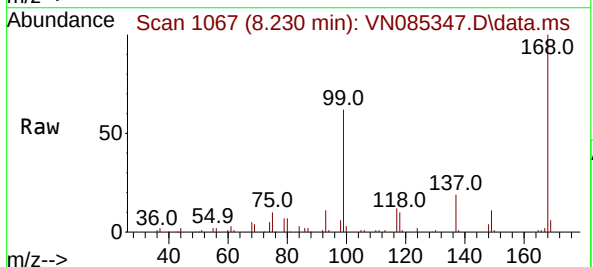
Tgt Ion: 75 Resp: 13751

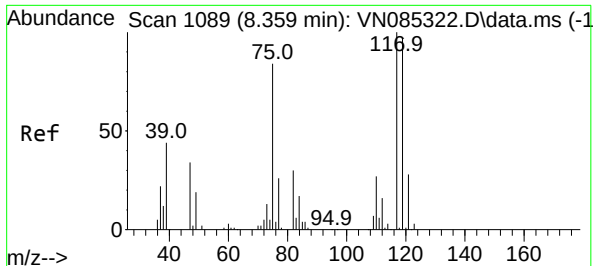
Ion Ratio Lower Upper

75 100

110 8.5 16.6 49.8#

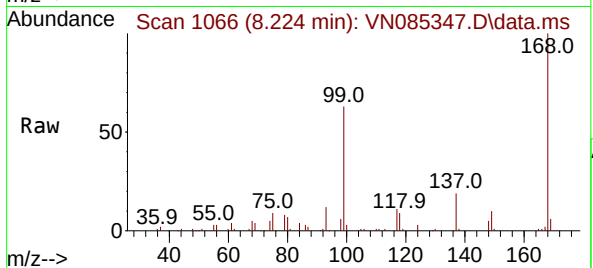
77 0.0 24.3 36.5#



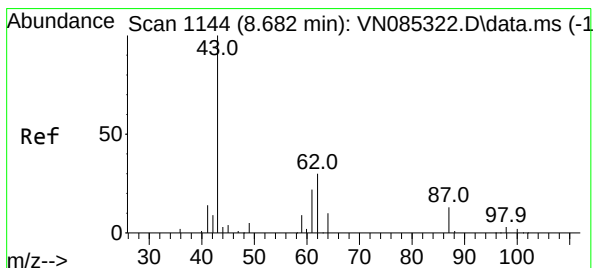
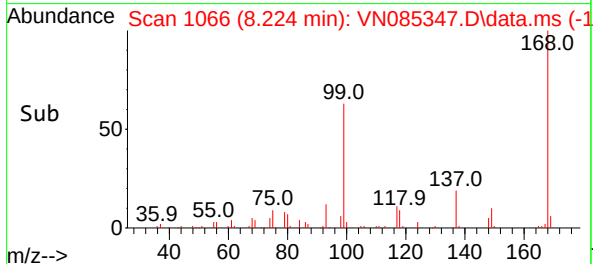
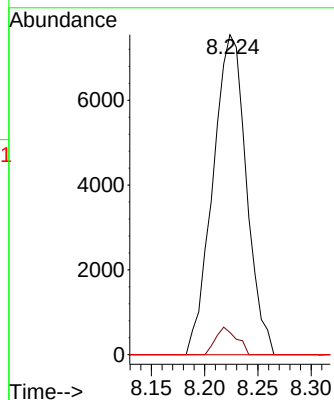


#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :

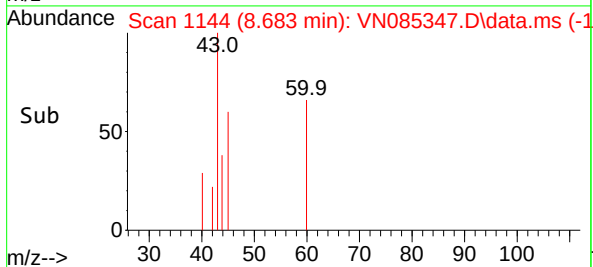
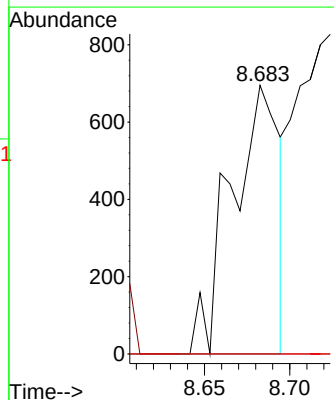
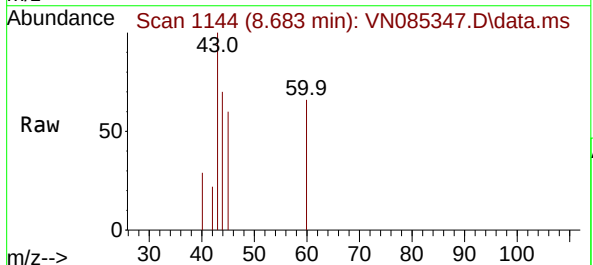


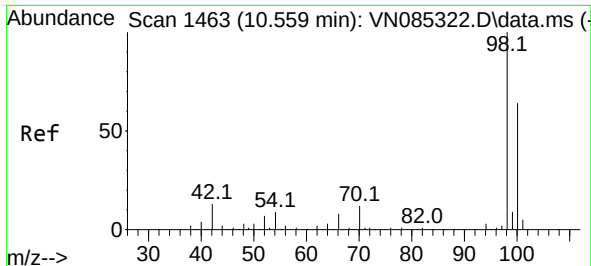
Tgt Ion:117 Resp: 16495
Ion Ratio Lower Upper
117 100
119 6.9 77.8 116.6#
121 0.0 22.5 33.7#



#43
Isopropyl Acetate
Concen: 0.328 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#





#50

Toluene-d8

Concen: 52.794 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

Instrument :

MSVOA_N

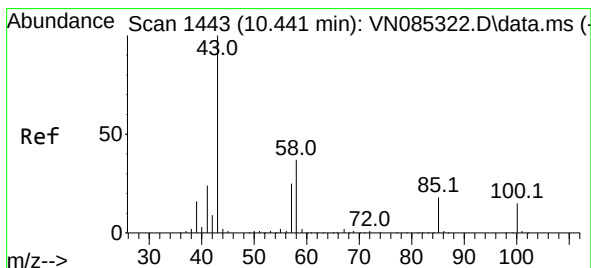
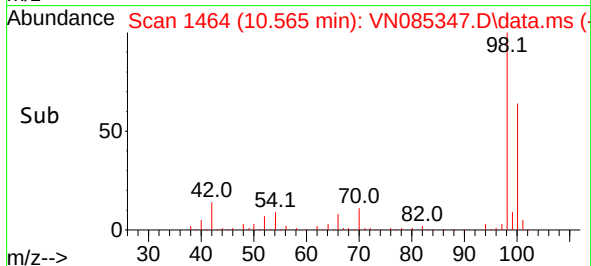
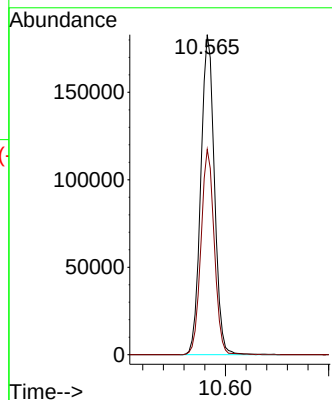
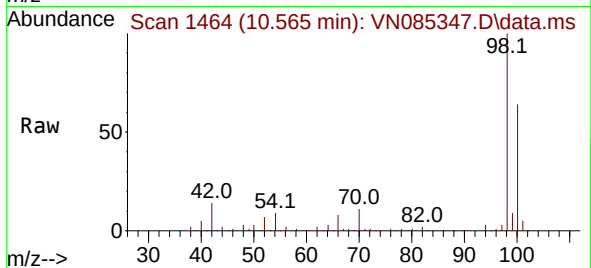
ClientSampleId :

Tgt Ion: 98 Resp: 334271

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.649 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN085347.D

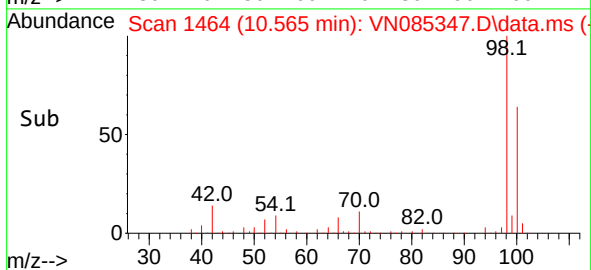
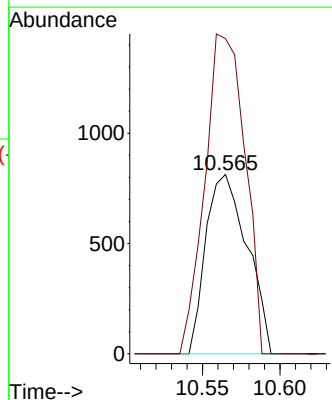
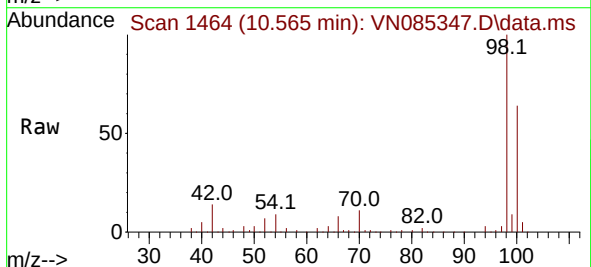
Acq: 30 Dec 2024 16:02

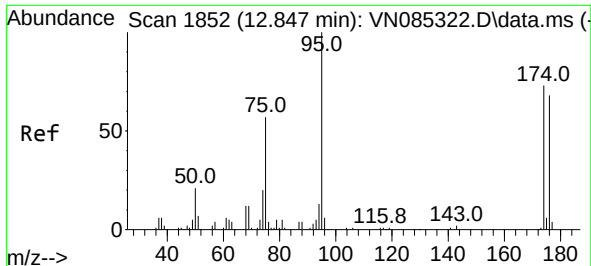
Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

43 100

58 172.6 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 45.993 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

Instrument :

MSVOA_N

ClientSampleId :

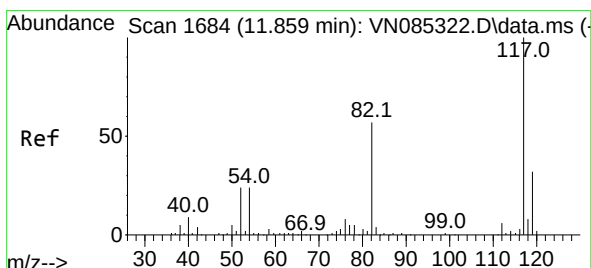
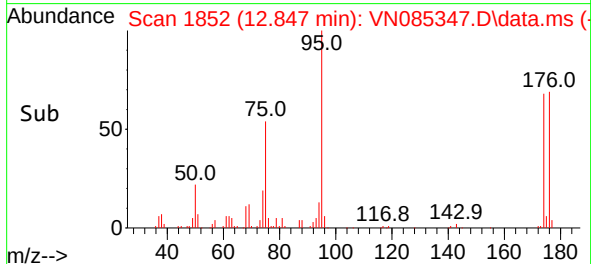
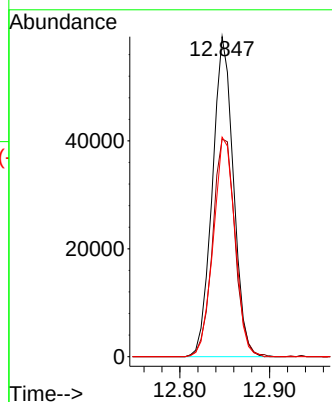
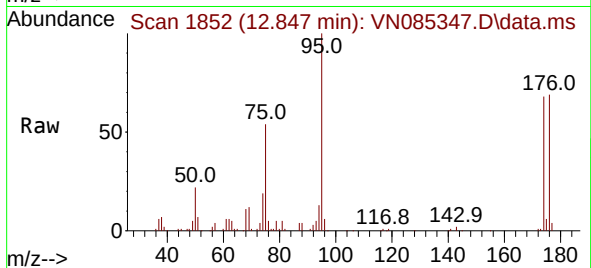
Tgt Ion: 95 Resp: 96715

Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.2

176 70.4 0.0 135.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

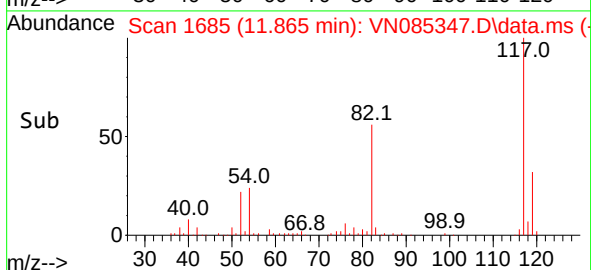
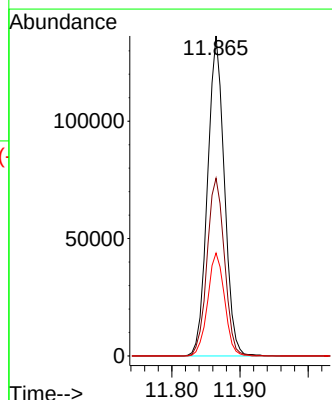
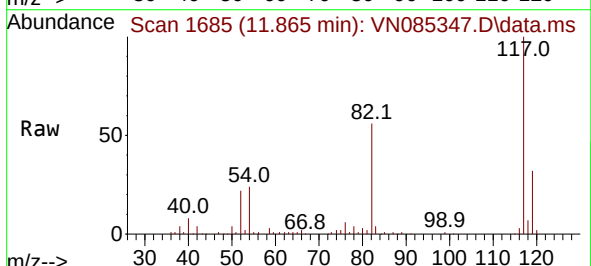
Tgt Ion: 117 Resp: 233922

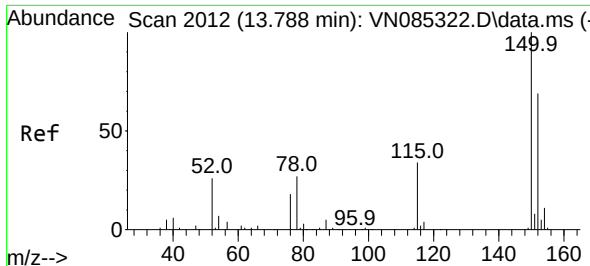
Ion Ratio Lower Upper

117 100

82 55.5 45.7 68.5

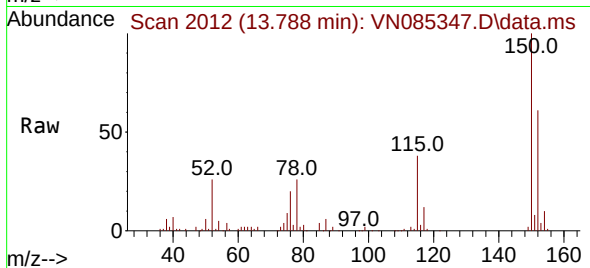
119 32.2 25.8 38.8



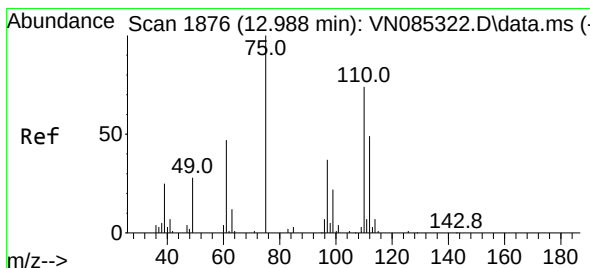
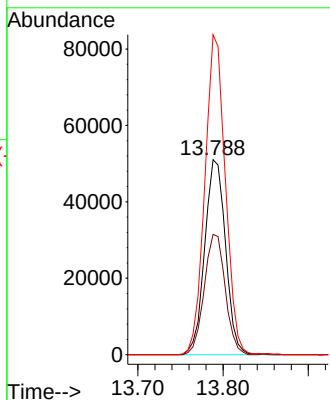
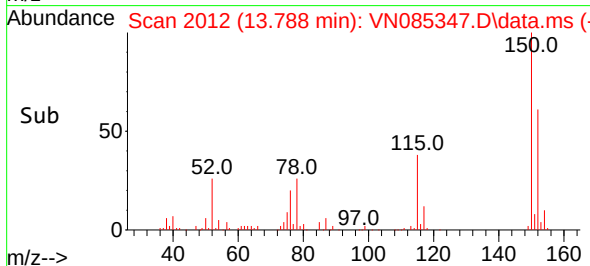


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :

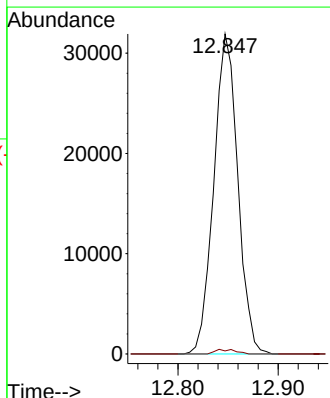
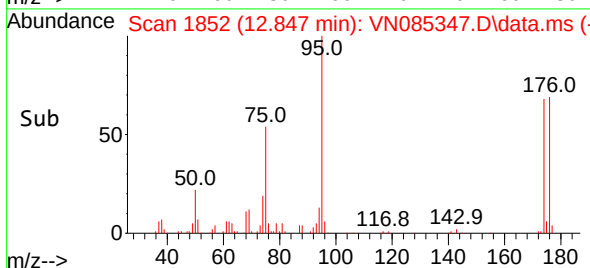
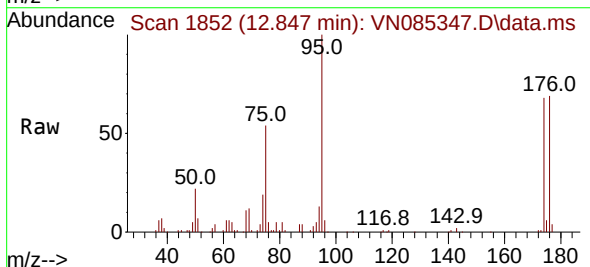


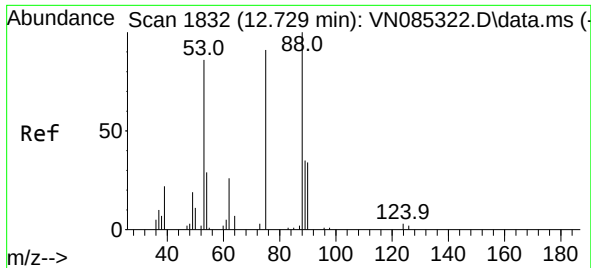
Tgt Ion:152 Resp: 86818
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 161.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 32.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

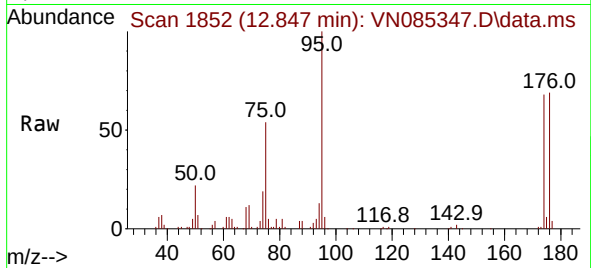
Tgt Ion: 75 Resp: 52956
Ion Ratio Lower Upper
75 100
77 1.2 98.1 294.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.225 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 52956
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#

