

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085475.D
 Acq On : 16 Jan 2025 17:21
 Operator : JC\MD
 Sample : Q1109-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-01-011525

Quant Time: Jan 17 01:07:34 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)

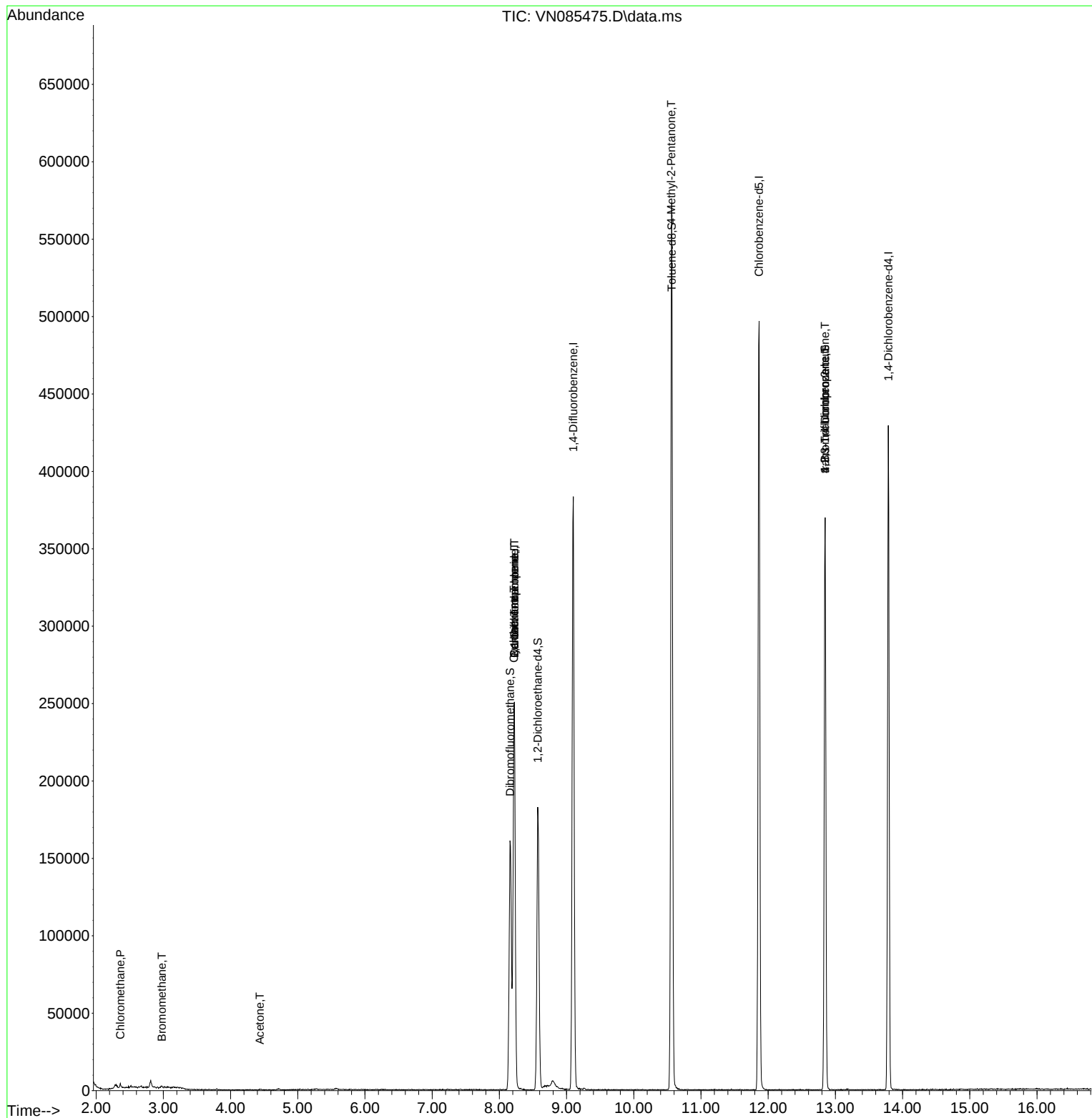
Internal Standards						
1) Pentafluorobenzene	8.224	168	167864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	154079	56.863	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.720%		
35) Dibromofluoromethane	8.159	113	114727	53.011	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.020%		
50) Toluene-d8	10.565	98	382098	49.691	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.380%		
62) 4-Bromofluorobenzene	12.847	95	123340	46.891	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1636	0.665	ug/l	95
5) Bromomethane	2.977	94	581	0.389	ug/l	95
16) Acetone	4.436	43	672	0.768	ug/l #	45
31) Cyclohexane	8.218	56	4842	1.408	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	16105	5.302	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18960	5.452	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	2078	0.729	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69895	32.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69895	86.833	ug/l #	3

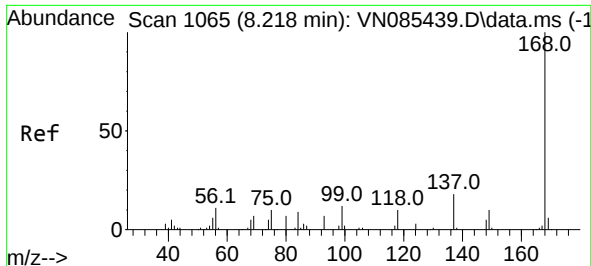
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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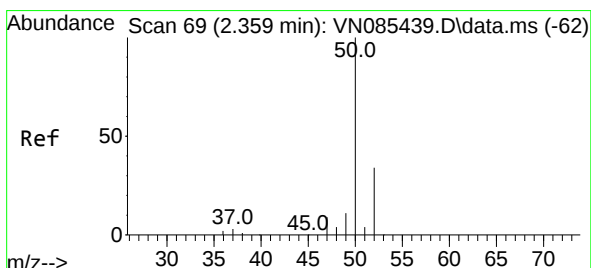
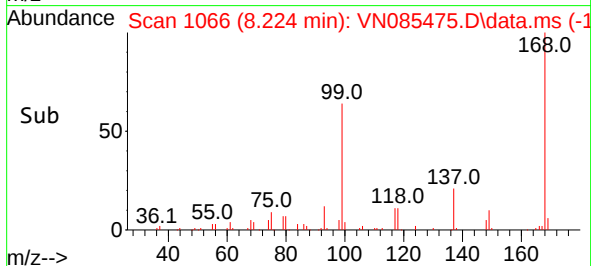
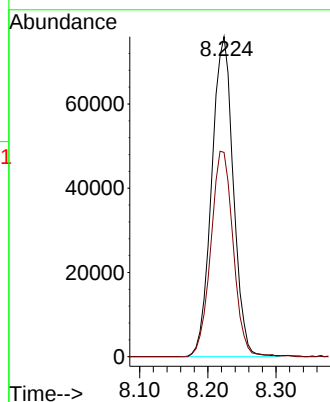
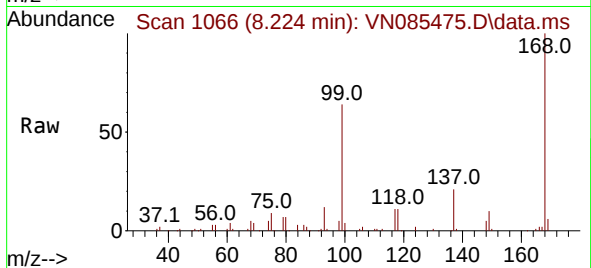




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

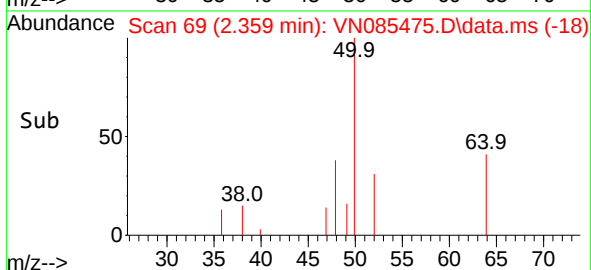
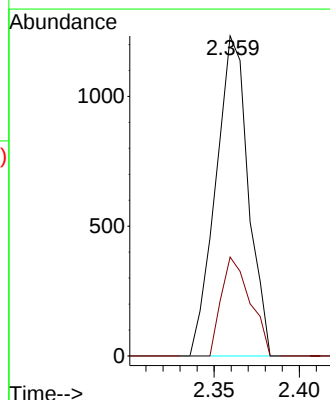
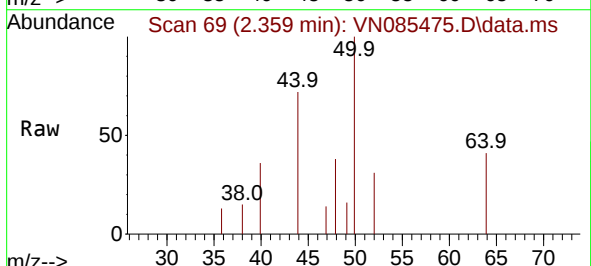
Instrument :
MSVOA_N
ClientSampleId :
TAP-TB-01-011525

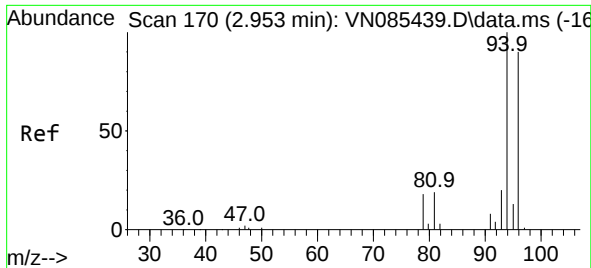
Tgt Ion:168 Resp: 167864
Ion Ratio Lower Upper
168 100
99 63.9 53.6 80.4



#3
Chloromethane
Concen: 0.665 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 50 Resp: 1636
Ion Ratio Lower Upper
50 100
52 30.9 27.0 40.6

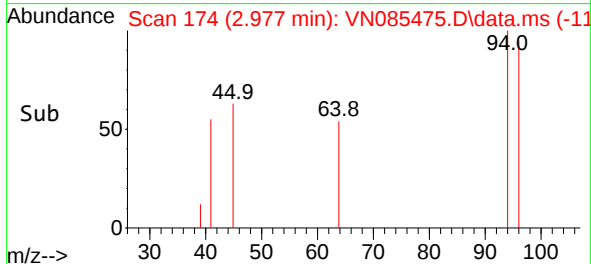
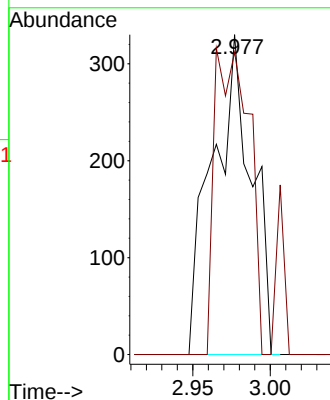
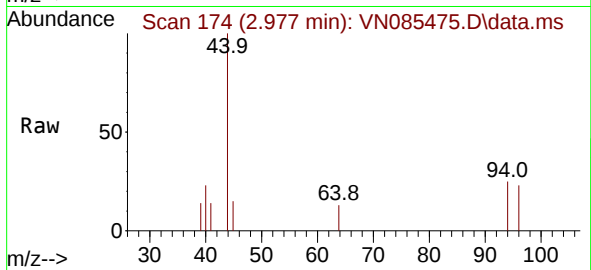




#5
Bromomethane
Concen: 0.389 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

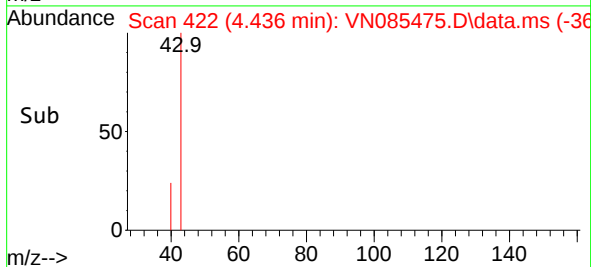
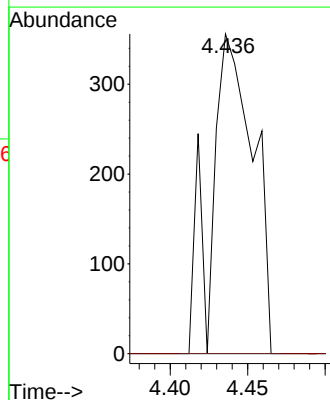
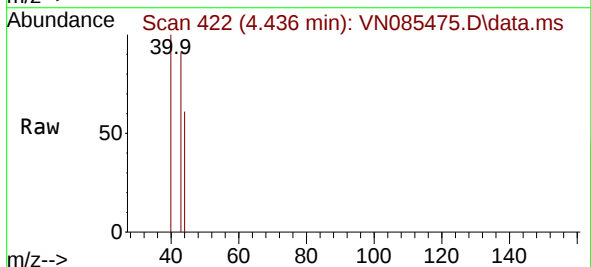
Instrument :
MSVOA_N
ClientSampleId :
TAP-TB-01-011525

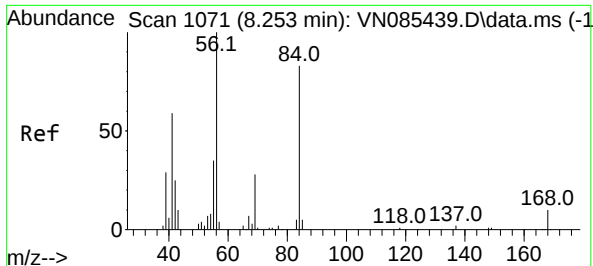
Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 94.5 71.8 107.6



#16
Acetone
Concen: 0.768 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#





#31

Cyclohexane

Concen: 1.408 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

Instrument :

MSVOA_N

ClientSampleId :

TAP-TB-01-011525

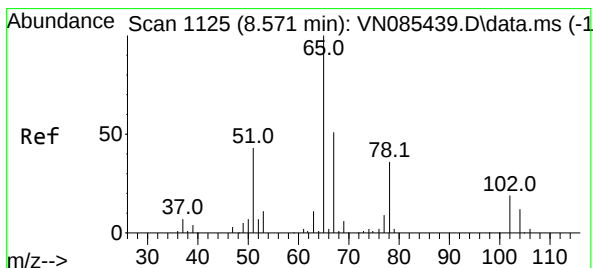
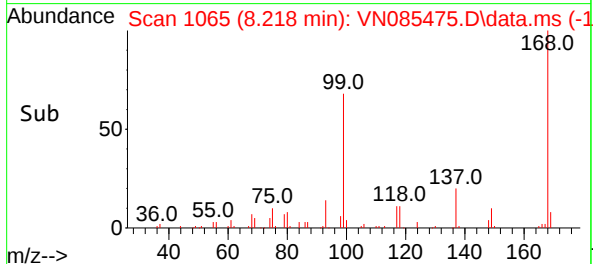
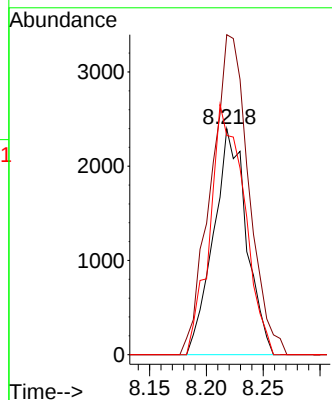
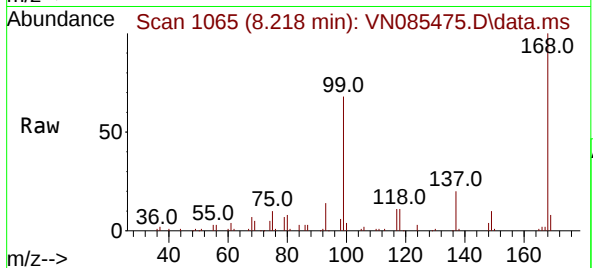
Tgt Ion: 56 Resp: 4842

Ion Ratio Lower Upper

56 100

69 141.7 22.2 33.4#

84 97.0 66.4 99.6



#33

1,2-Dichloroethane-d4

Concen: 56.863 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085475.D

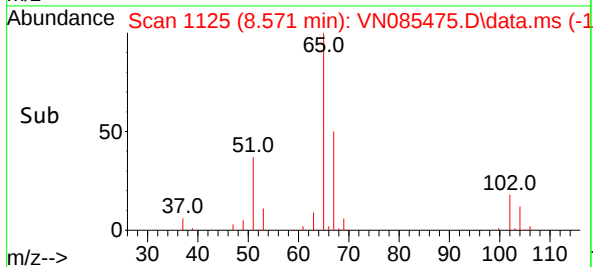
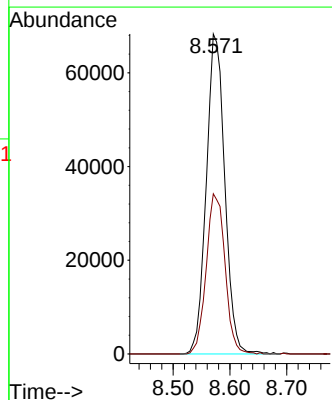
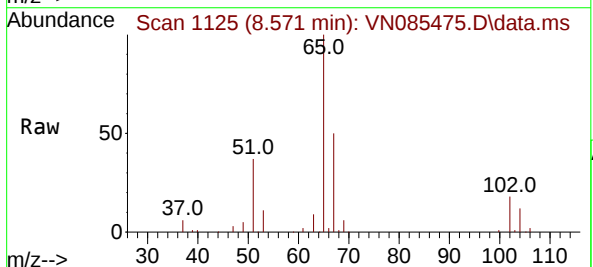
Acq: 16 Jan 2025 17:21

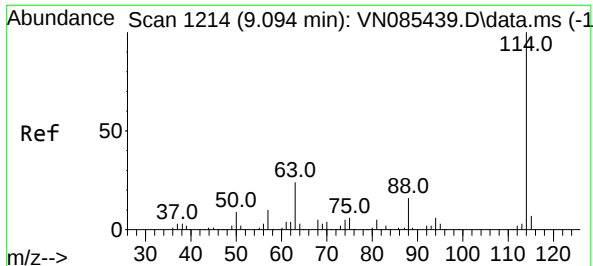
Tgt Ion: 65 Resp: 154079

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

Instrument :

MSVOA_N

ClientSampleId :

TAP-TB-01-011525

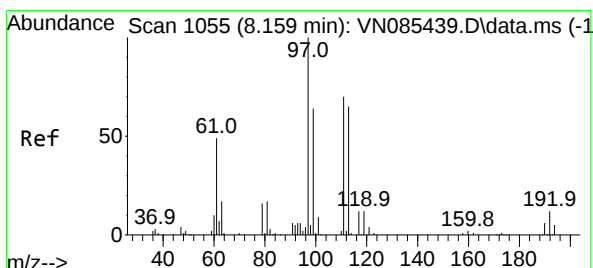
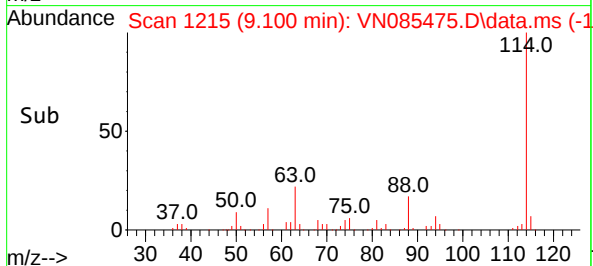
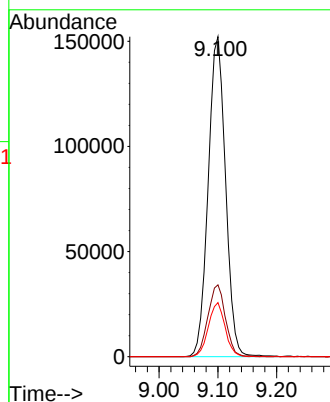
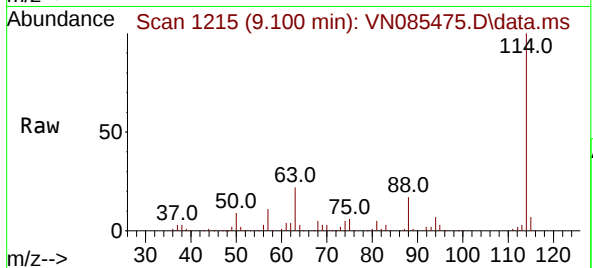
Tgt Ion:114 Resp: 311959

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.6

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.011 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

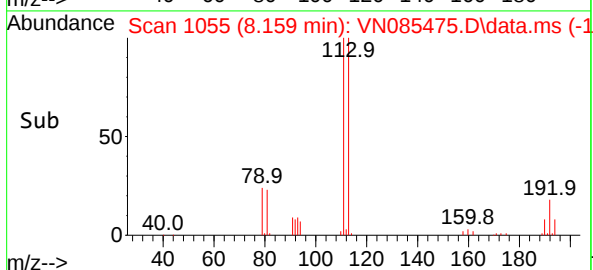
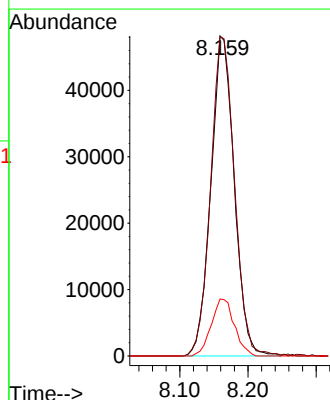
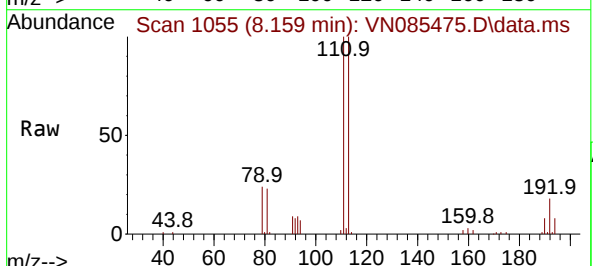
Tgt Ion:113 Resp: 114727

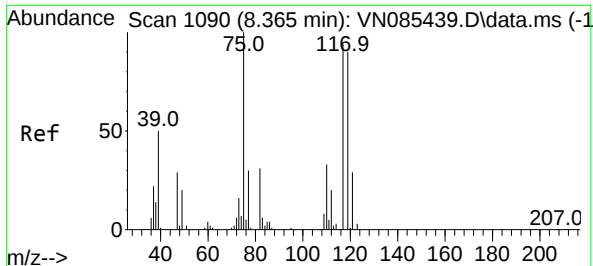
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

Instrument :

MSVOA_N

ClientSampleId :

TAP-TB-01-011525

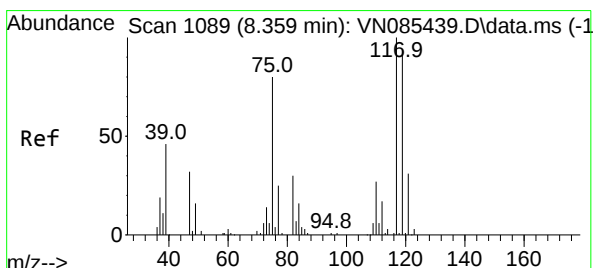
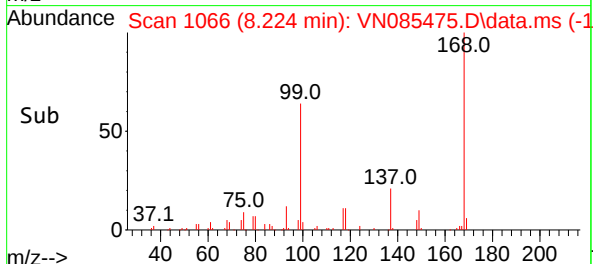
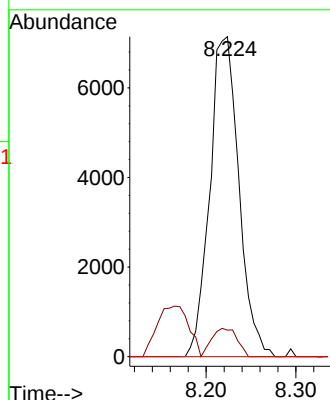
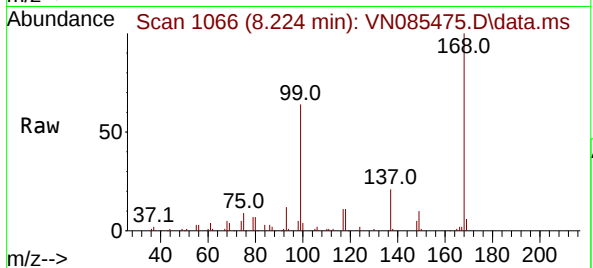
Tgt Ion: 75 Resp: 16105

Ion Ratio Lower Upper

75 100

110 7.7 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.452 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

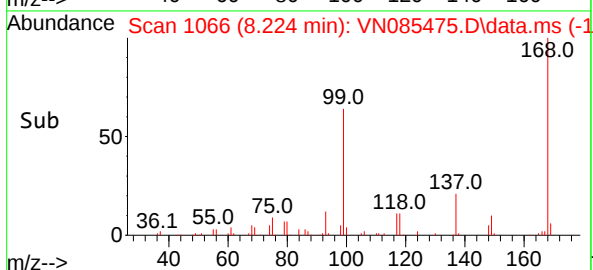
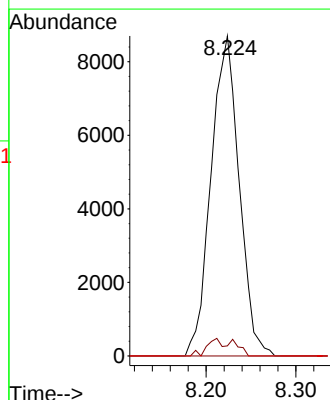
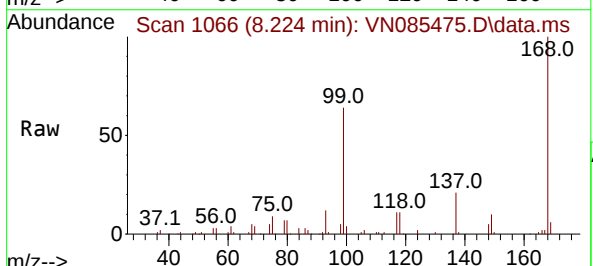
Tgt Ion: 117 Resp: 18960

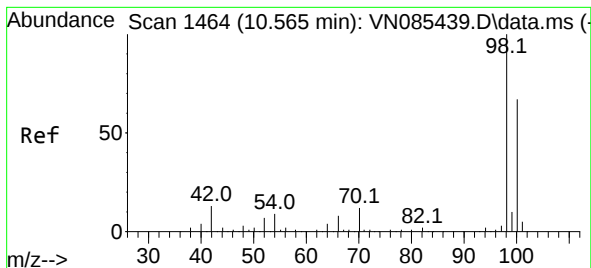
Ion Ratio Lower Upper

117 100

119 3.2 75.4 113.2#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 49.691 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

Instrument :

MSVOA_N

ClientSampleId :

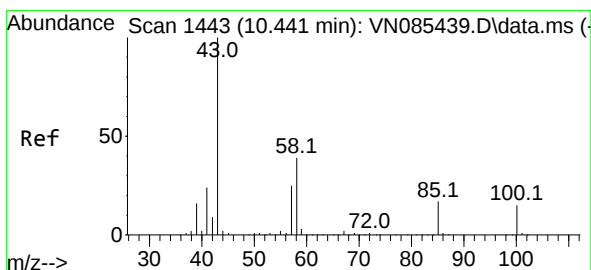
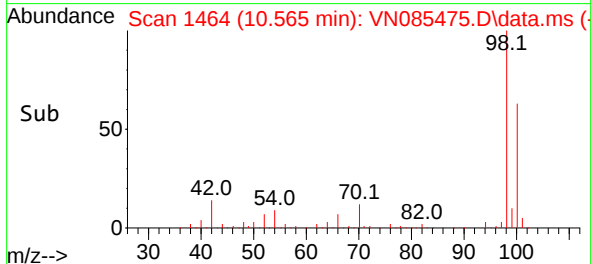
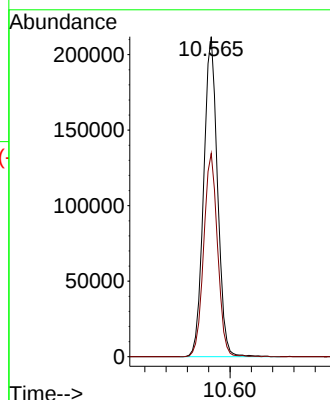
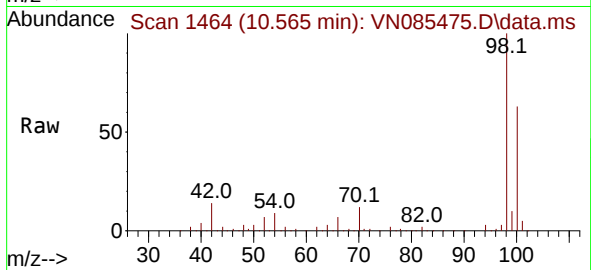
TAP-TB-01-011525

Tgt Ion: 98 Resp: 382098

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.729 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.118 min

Lab File: VN085475.D

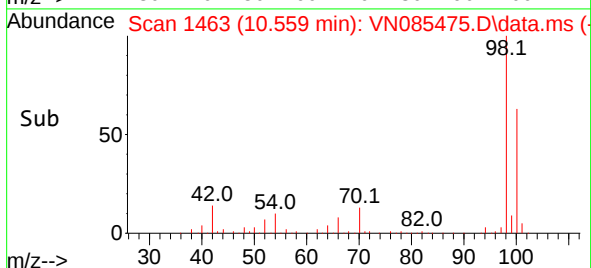
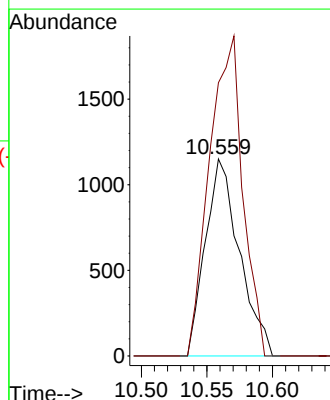
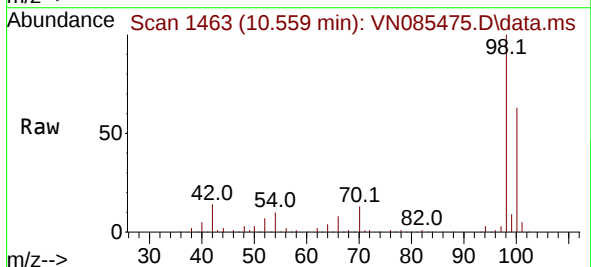
Acq: 16 Jan 2025 17:21

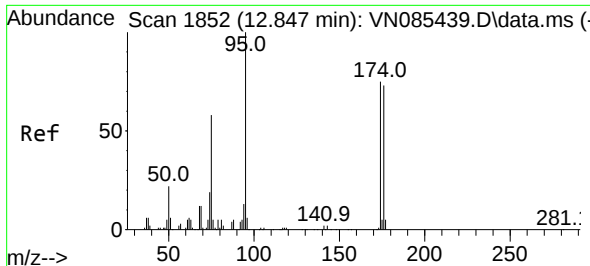
Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

58 159.2 30.5 45.7#

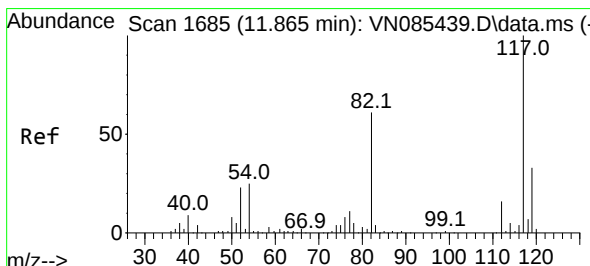
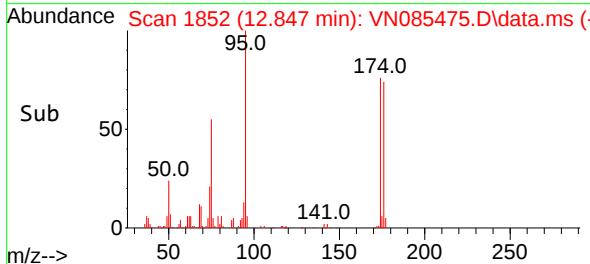
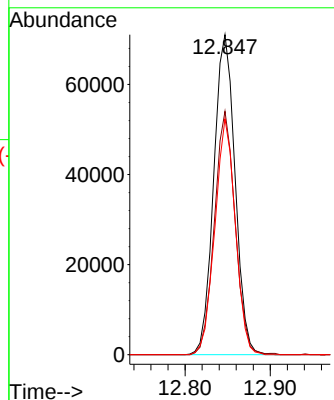
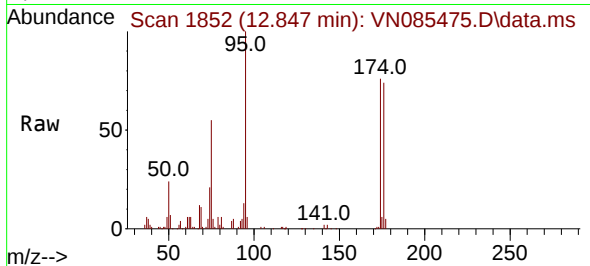




#62
4-Bromofluorobenzene
Concen: 46.891 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

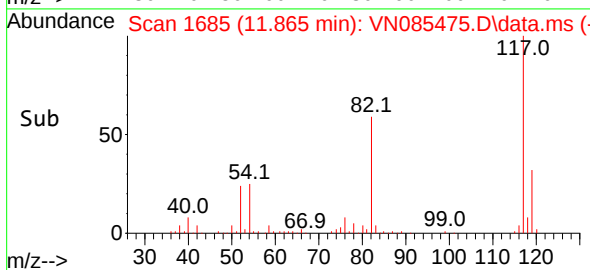
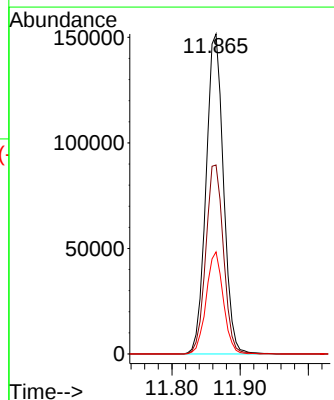
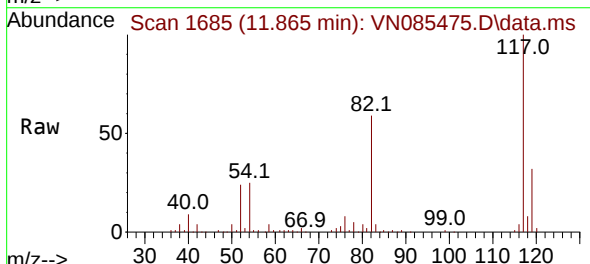
Instrument :
MSVOA_N
ClientSampleId :
TAP-TB-01-011525

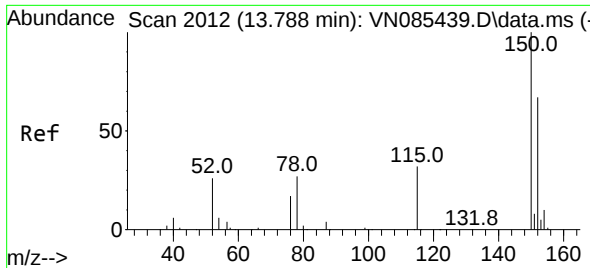
Tgt Ion: 95 Resp: 123340
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.0
176 70.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 117 Resp: 269876
Ion Ratio Lower Upper
117 100
82 59.1 48.6 72.8
119 31.9 26.6 39.8

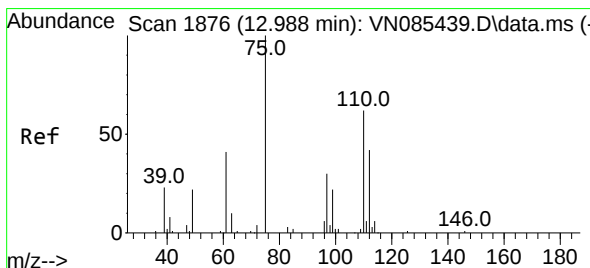
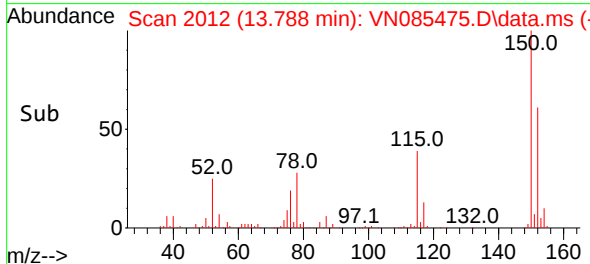
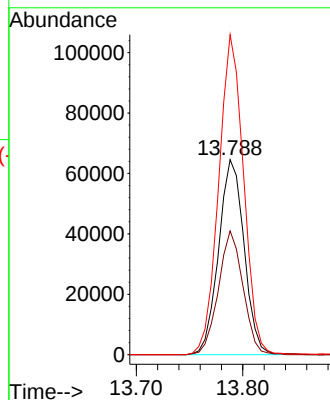
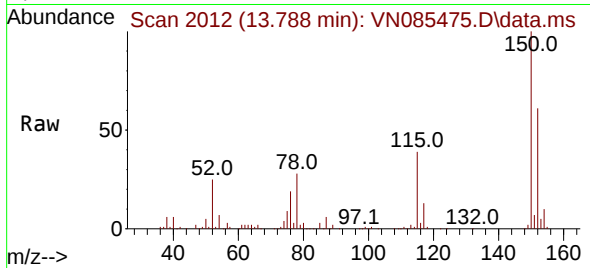




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

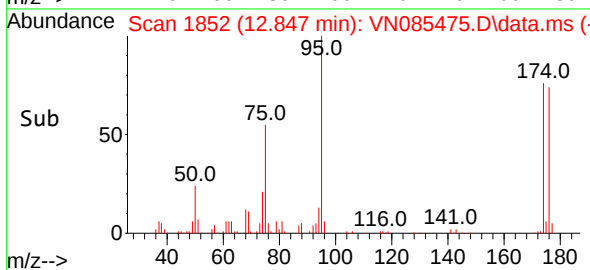
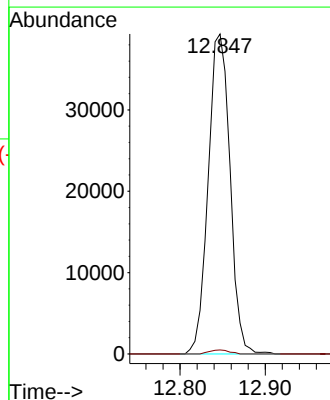
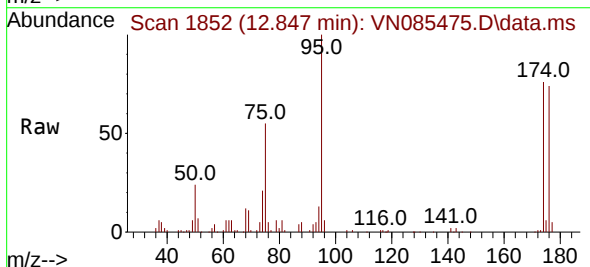
Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-01-011525

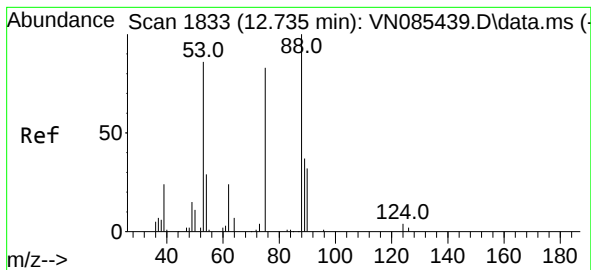
Tgt Ion:152 Resp: 107148
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.1 93.3
 150 160.3 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 32.094 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

Tgt Ion: 75 Resp: 69895
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.833 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-01-011525

Tgt Ion: 75 Resp: 69895
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#

