

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073593.D
 Acq On : 25 Jul 2022 20:54
 Operator : JC\MD
 Sample : N3876-02 2000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-06-84

Quant Time: Jul 26 02:19:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

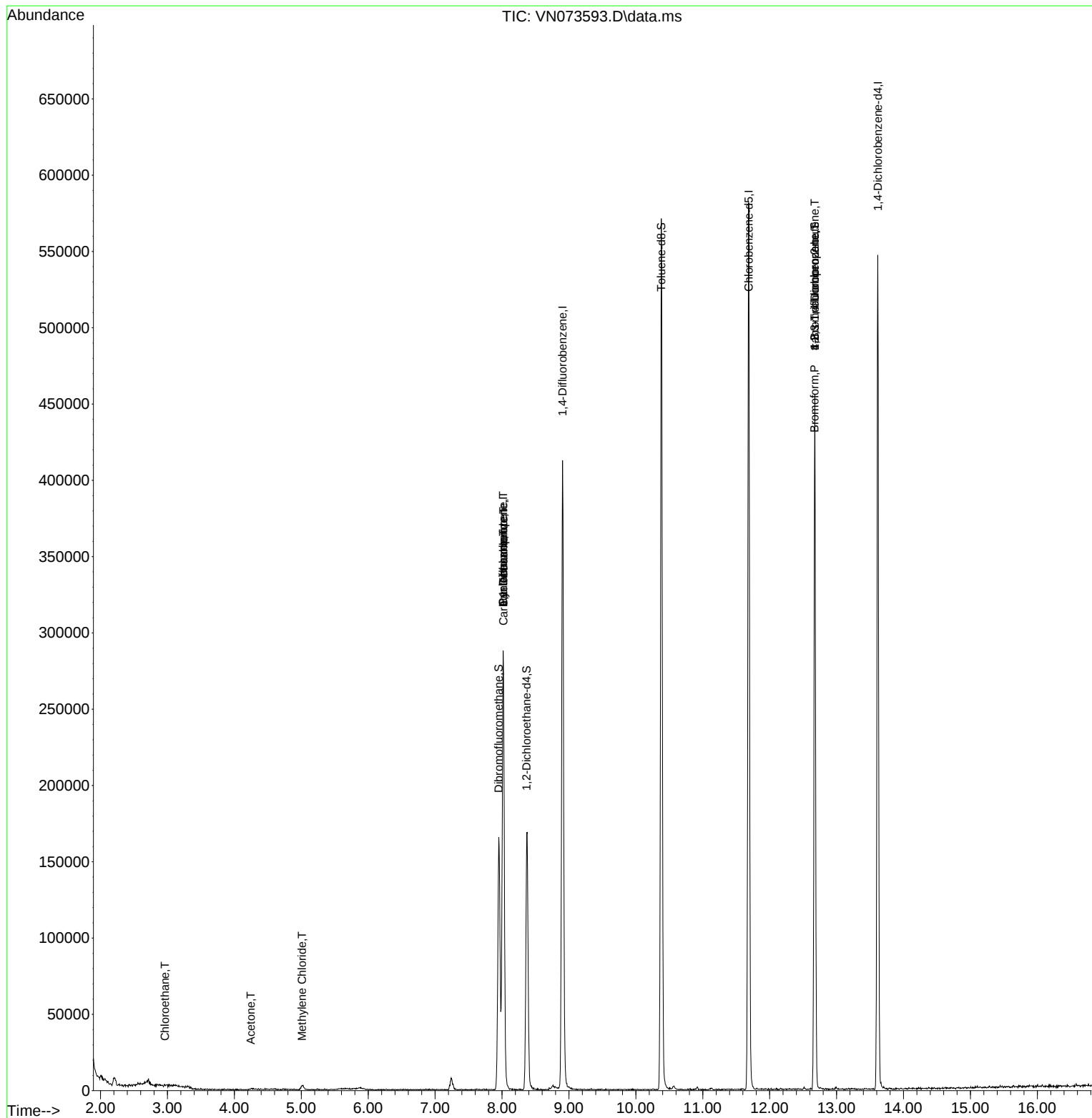
Internal Standards						
1) Pentafluorobenzene	8.016	168	213867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	353046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	325798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	144768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	138645	44.907	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.820%
35) Dibromofluoromethane	7.951	113	118697	50.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.381	98	382550	45.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.674	95	144484	45.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
					Qvalue	
6) Chloroethane	2.963	64	668	0.440	ug/l #	42
16) Acetone	4.246	43	1370	0.791	ug/l #	88
20) Methylene Chloride	5.010	84	2407	0.790	ug/l #	82
31) Cyclohexane	8.016	56	5345	1.057	ug/l #	13
36) 1,1-Dichloropropene	8.016	75	18315	5.068	ug/l #	49
38) Carbon Tetrachloride	8.022	117	20678	5.533	ug/l #	17
71) Bromoform	12.669	173	1344	0.678	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	76869	20.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	76869	55.690	ug/l #	10

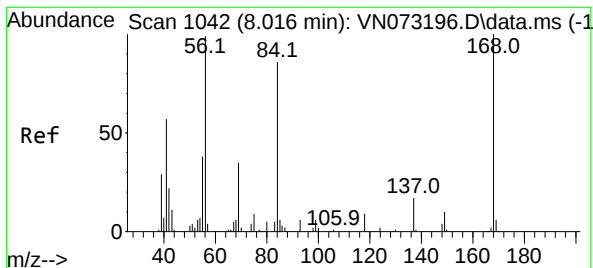
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073593.D

Acq: 25 Jul 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

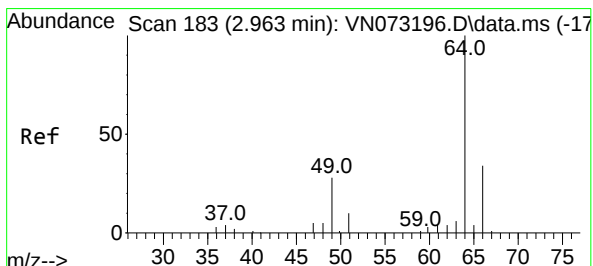
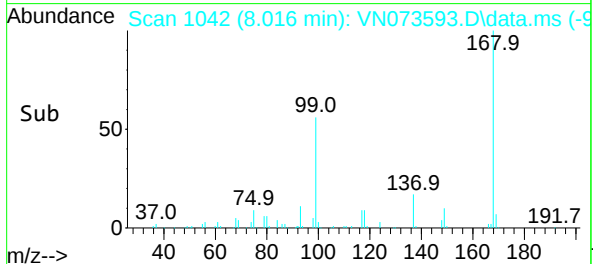
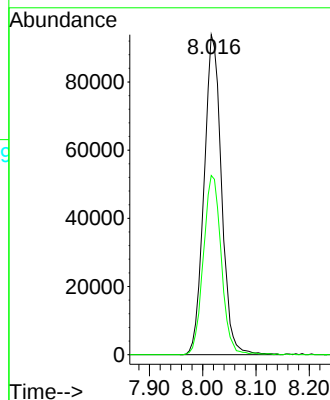
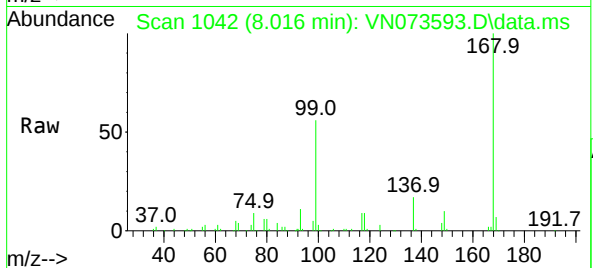
SPC-06-84

Tgt Ion:168 Resp: 213867

Ion Ratio Lower Upper

168 100

99 56.0 42.3 63.5



#6

Chloroethane

Concen: 0.440 ug/l

RT: 2.963 min Scan# 183

Delta R.T. 0.000 min

Lab File: VN073593.D

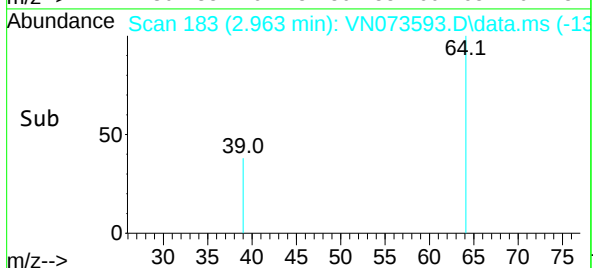
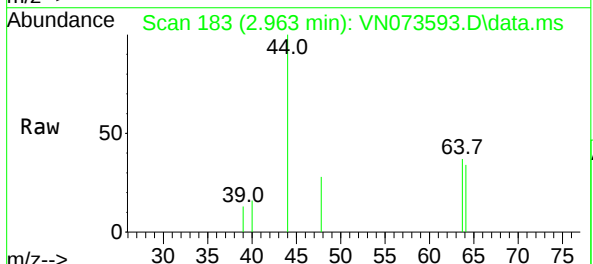
Acq: 25 Jul 2022 20:54

Tgt Ion: 64 Resp: 668

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

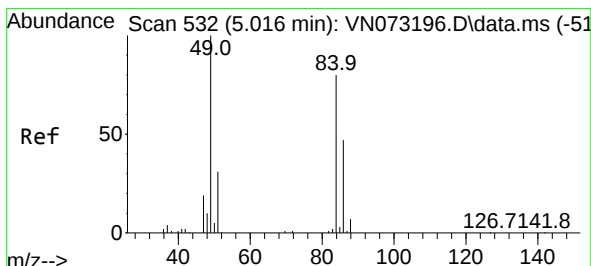
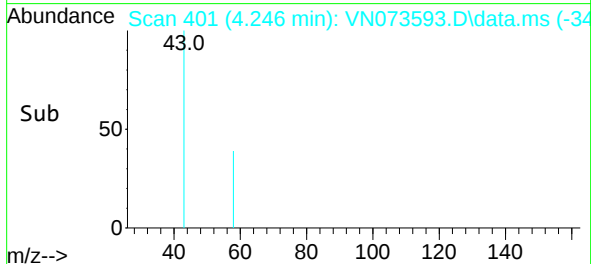
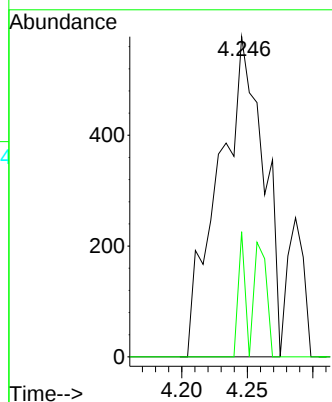
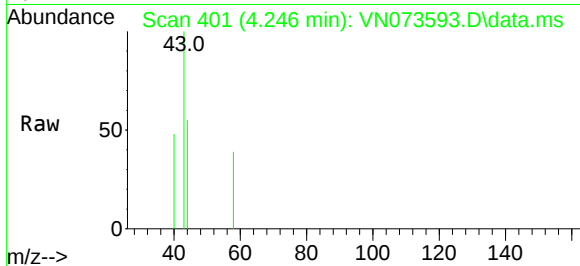




#16
Acetone
Concen: 0.791 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

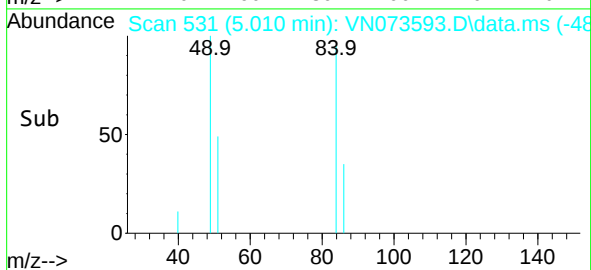
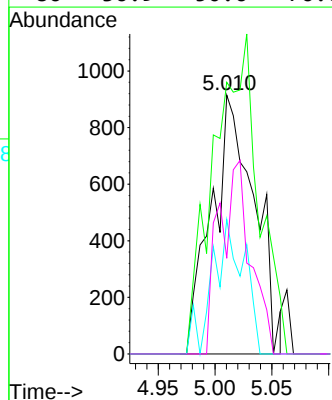
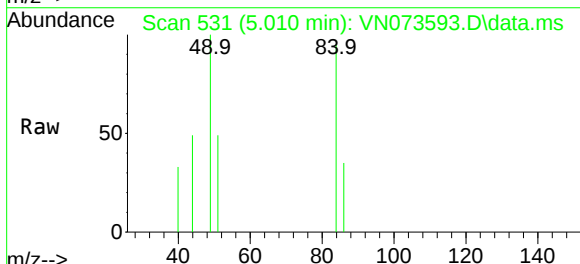
Instrument :
MSVOA_N
ClientSampleId :
SPC-06-84

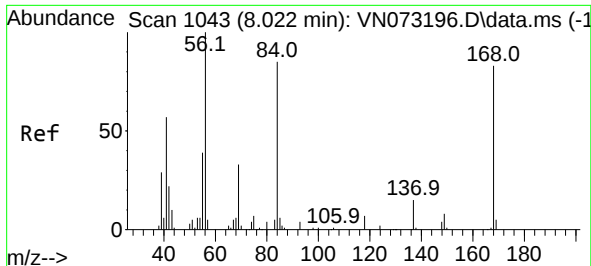
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 39.1 26.0 39.0#



#20
Methylene Chloride
Concen: 0.790 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

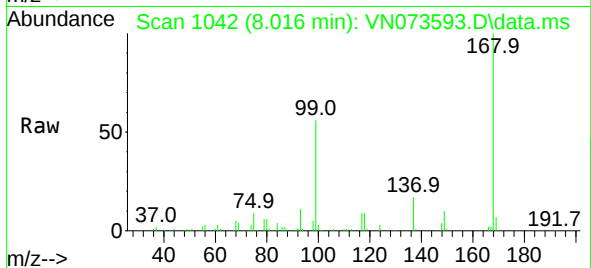
Tgt Ion: 84 Resp: 2407
Ion Ratio Lower Upper
84 100
49 104.9 88.3 132.5
51 51.9 28.2 42.2#
86 36.9 50.6 76.0#



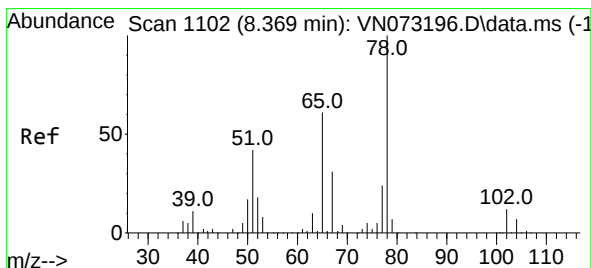
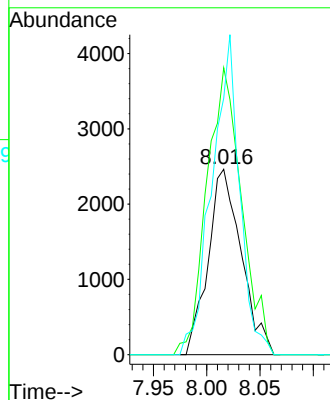
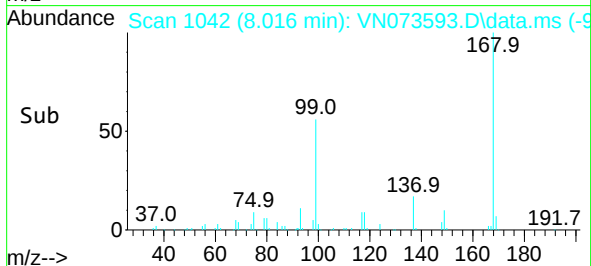


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

Instrument :
MSVOA_N
ClientSampleId :
SPC-06-84

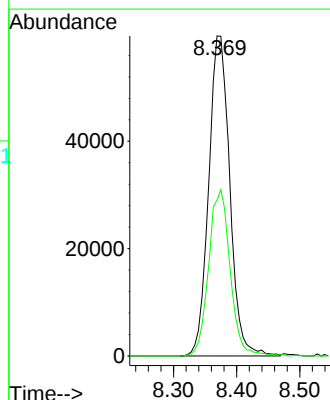
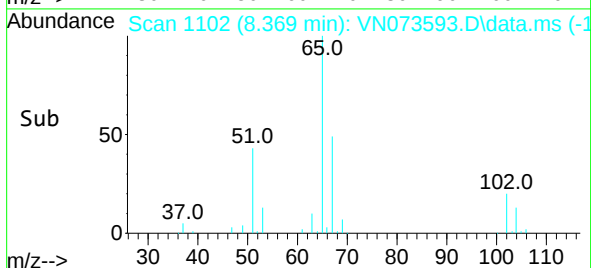
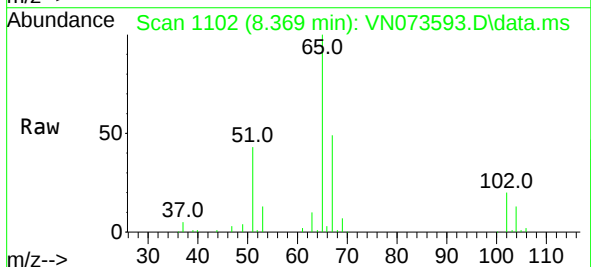


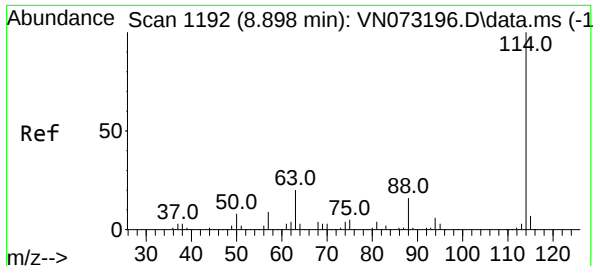
Tgt Ion: 56 Resp: 5345
Ion Ratio Lower Upper
56 100
69 154.6 27.8 41.8#
84 138.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.907 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

Tgt Ion: 65 Resp: 138645
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073593.D

Acq: 25 Jul 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

SPC-06-84

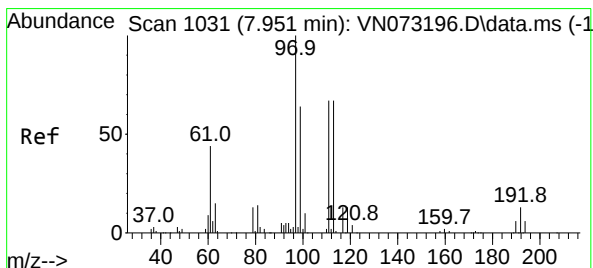
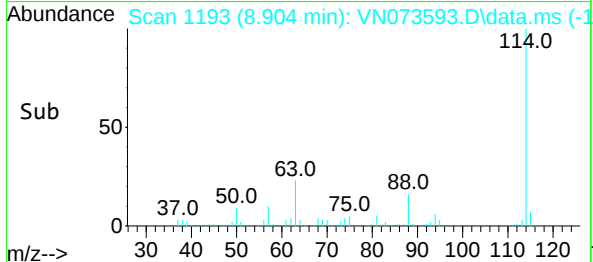
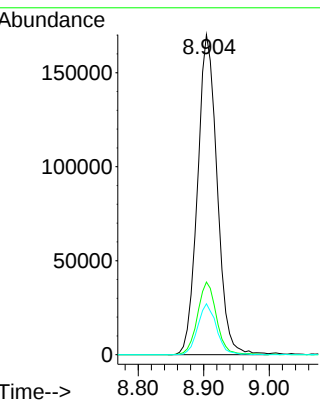
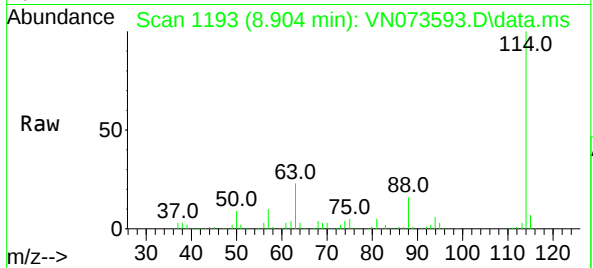
Tgt Ion:114 Resp: 353046

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.534 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073593.D

Acq: 25 Jul 2022 20:54

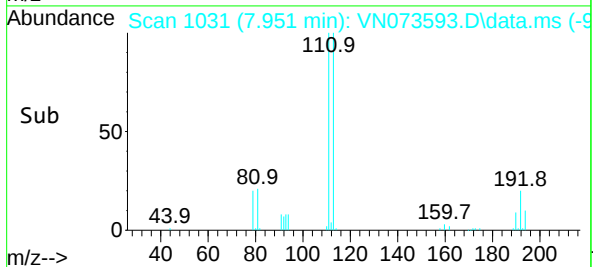
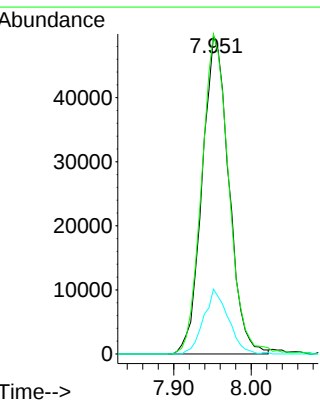
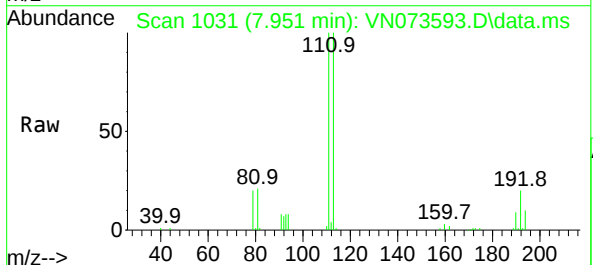
Tgt Ion:113 Resp: 118697

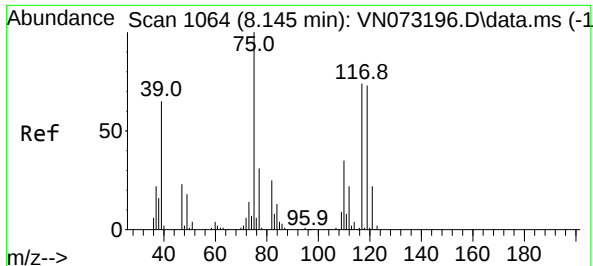
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.7 17.0 25.6

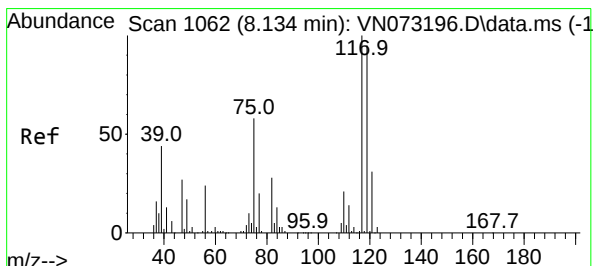
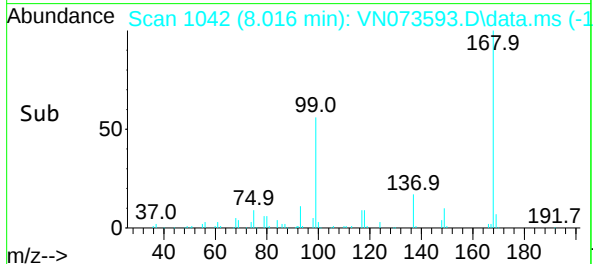
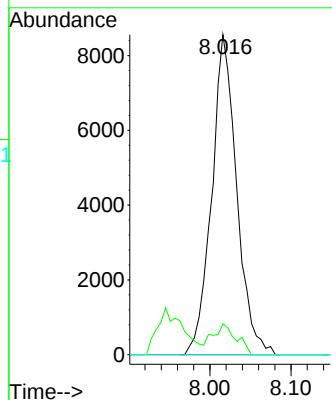
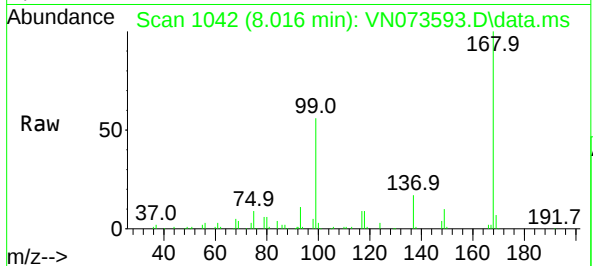




#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

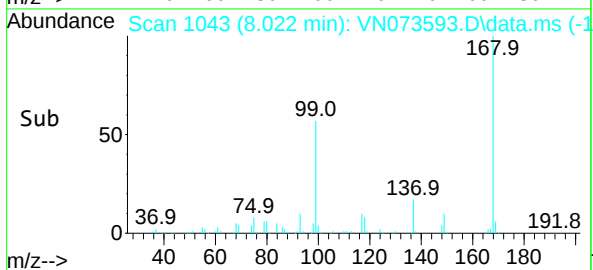
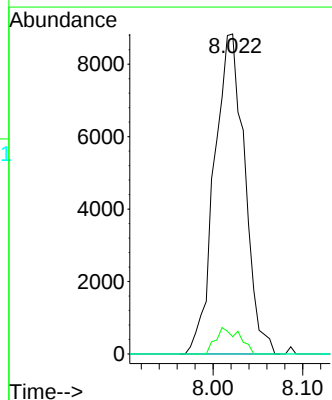
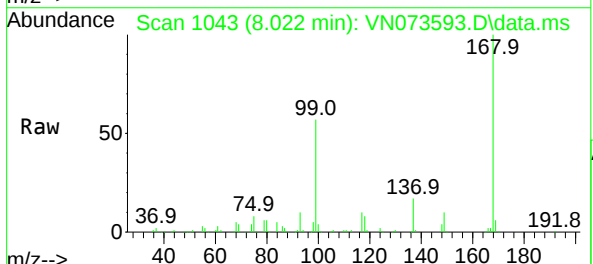
Instrument :
MSVOA_N
ClientSampleId :
SPC-06-84

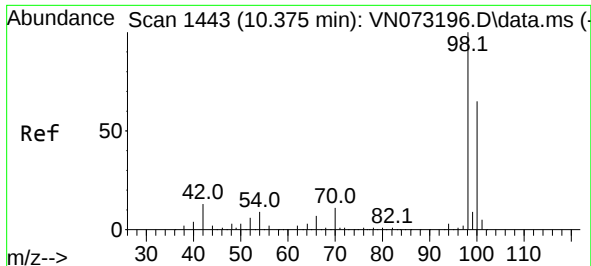
Tgt Ion: 75 Resp: 18315
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

Tgt Ion: 117 Resp: 20678
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#

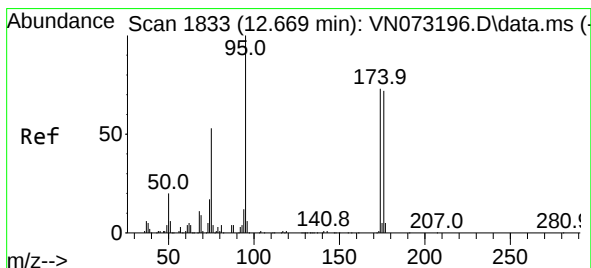
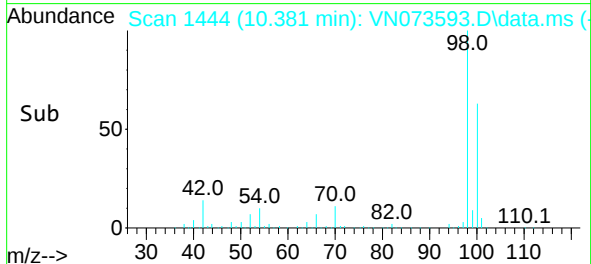
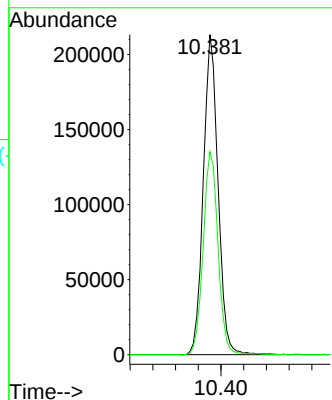
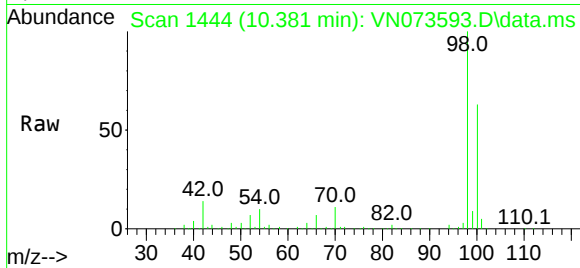




#50
Toluene-d8
Concen: 45.856 ug/l
RT: 10.381 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

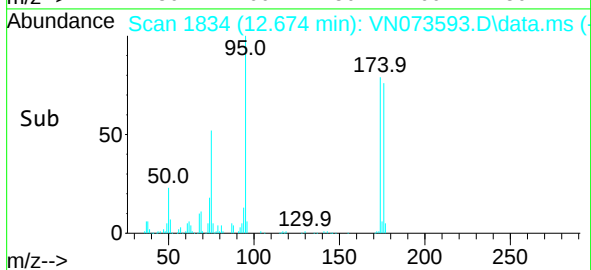
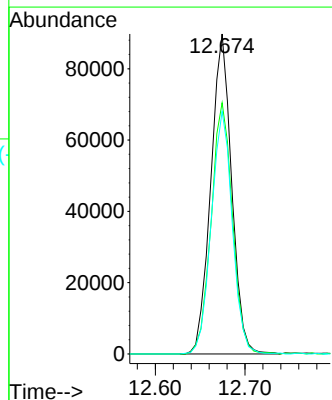
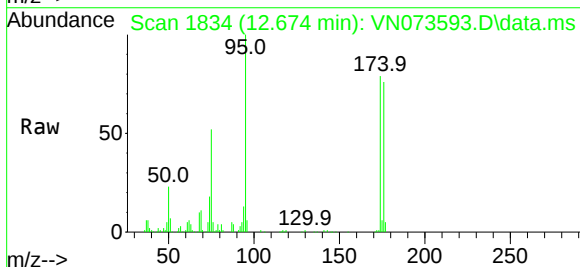
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SPC-06-84

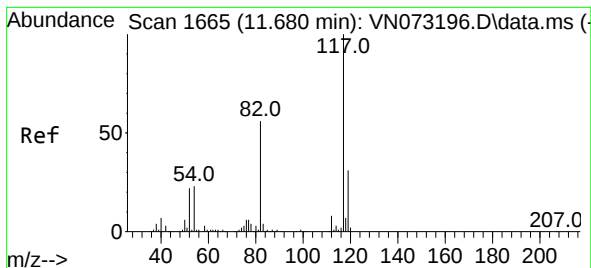
Tgt Ion: 98 Resp: 382550
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.068 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073593.D
Acq: 25 Jul 2022 20:54

Tgt Ion: 95 Resp: 144484
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.6
176 76.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073593.D

Acq: 25 Jul 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

SPC-06-84

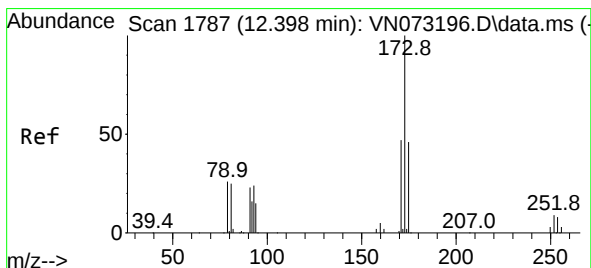
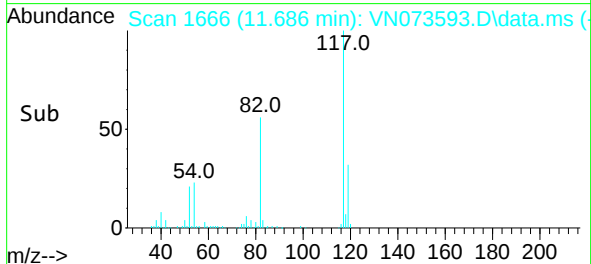
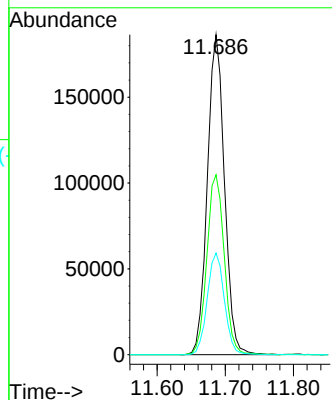
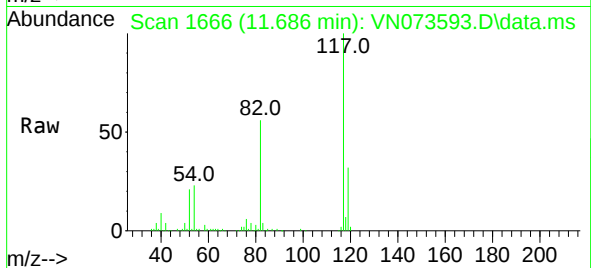
Tgt Ion:117 Resp: 325798

Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.2

119 31.8 25.4 38.0



#71

Bromoform

Concen: 0.678 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.271 min

Lab File: VN073593.D

Acq: 25 Jul 2022 20:54

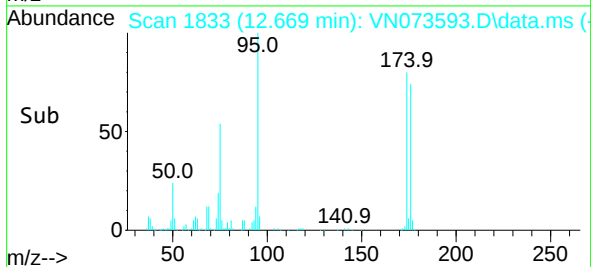
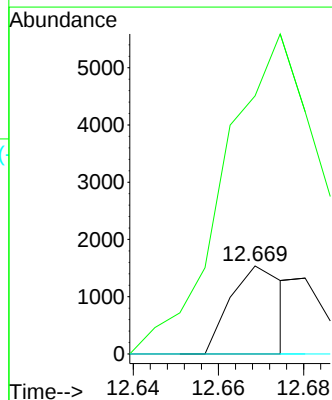
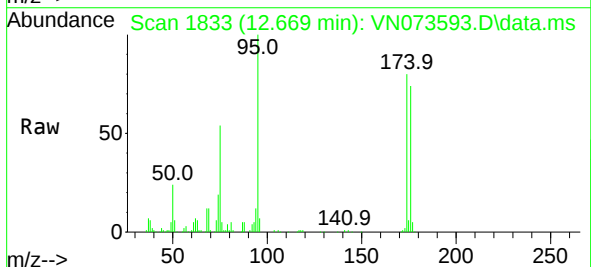
Tgt Ion:173 Resp: 1344

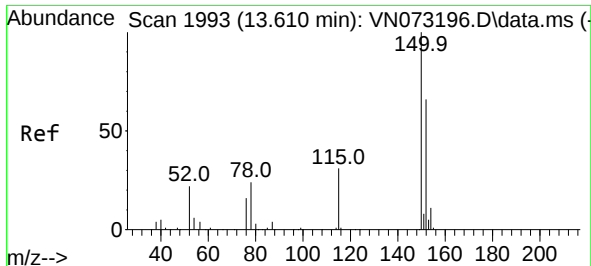
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#

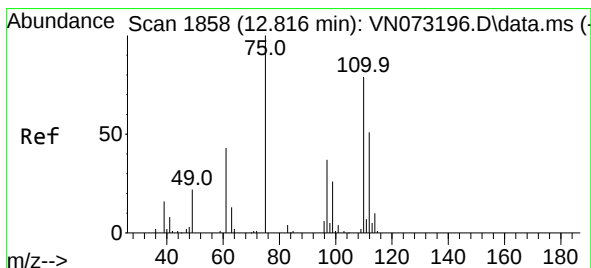
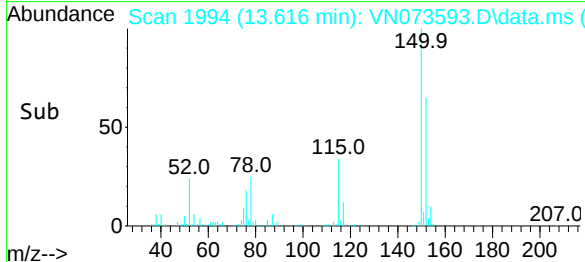
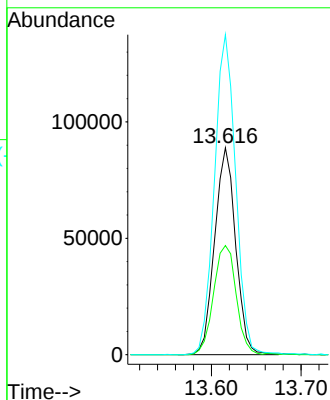
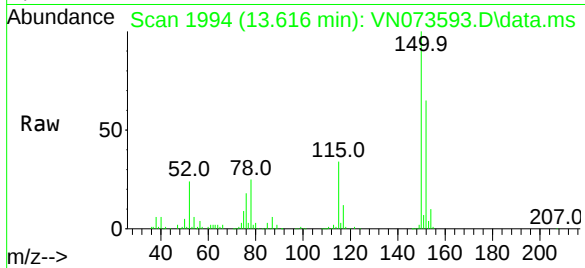




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073593.D
 Acq: 25 Jul 2022 20:54

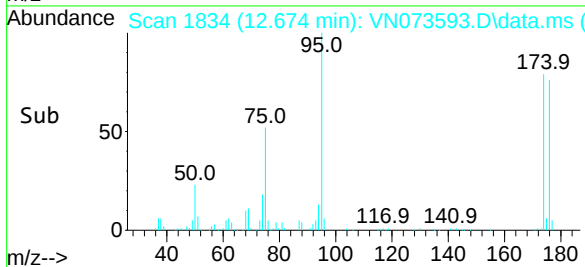
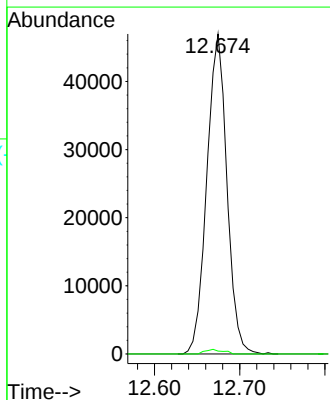
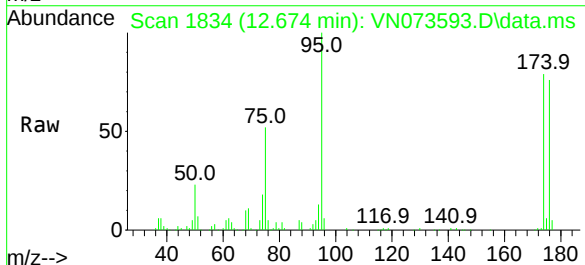
Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-06-84

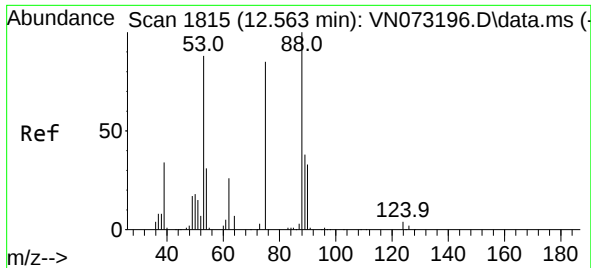
Tgt Ion:152 Resp: 144768
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.9 86.7
 150 156.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.307 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.142 min
 Lab File: VN073593.D
 Acq: 25 Jul 2022 20:54

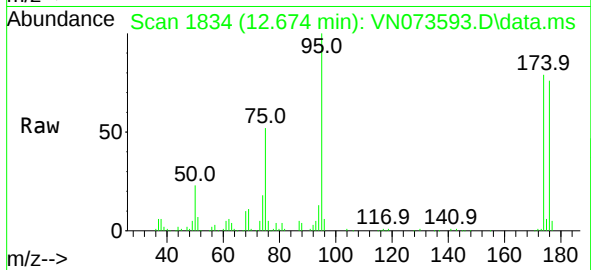
Tgt Ion: 75 Resp: 76869
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.690 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VN073593.D
 Acq: 25 Jul 2022 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-06-84



Tgt Ion: 75 Resp: 76869
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

