

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073594.D
 Acq On : 25 Jul 2022 21:19
 Operator : JC\MD
 Sample : N3876-03 2000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-11-84

Quant Time: Jul 26 02:19:31 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)

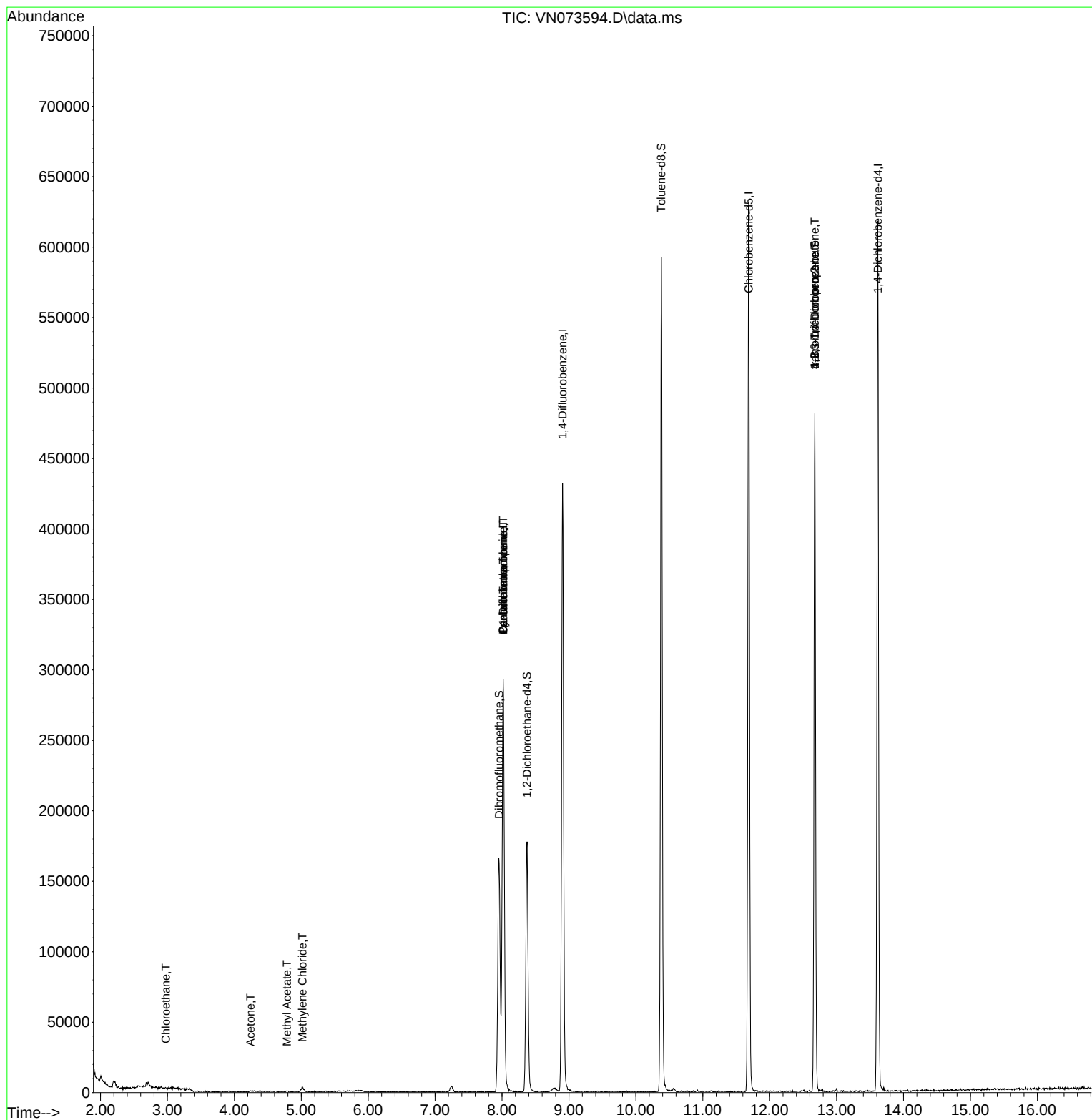
Internal Standards						
1) Pentafluorobenzene	8.016	168	219029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	369019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	340643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	162083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	144693	45.761	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.520%
35) Dibromofluoromethane	7.957	113	123680	50.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.760%
50) Toluene-d8	10.381	98	397274	45.560	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.675	95	156929	46.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.660%
Target Compounds						
					Qvalue	
6) Chloroethane	2.975	64	1130	0.727	ug/l #	42
16) Acetone	4.240	43	1027	0.579	ug/l #	87
18) Methyl Acetate	4.787	43	1154	0.232	ug/l #	48
20) Methylene Chloride	5.016	84	2186	0.701	ug/l #	82
31) Cyclohexane	8.016	56	5107	0.986	ug/l #	28
36) 1,1-Dichloropropene	8.016	75	18292	4.842	ug/l #	48
38) Carbon Tetrachloride	8.016	117	22148	5.669	ug/l #	16
76) 1,2,3-Trichloropropane	12.675	75	83685	19.746	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	83685	54.152	ug/l #	10

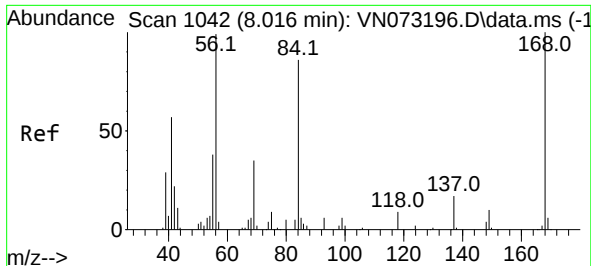
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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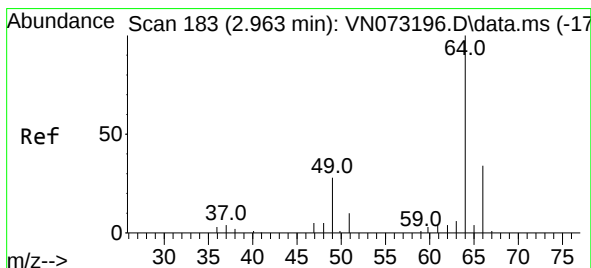
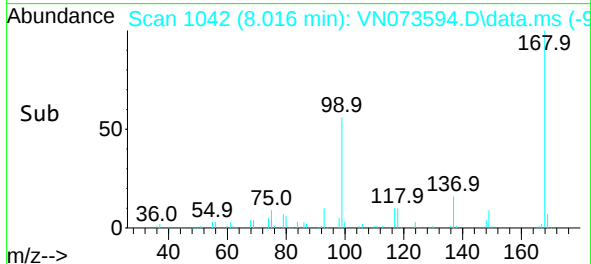
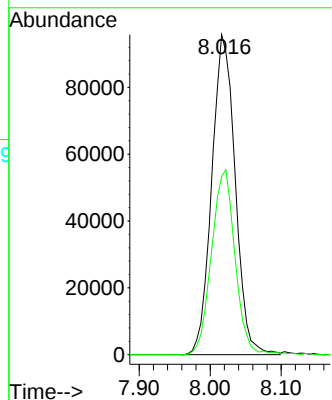
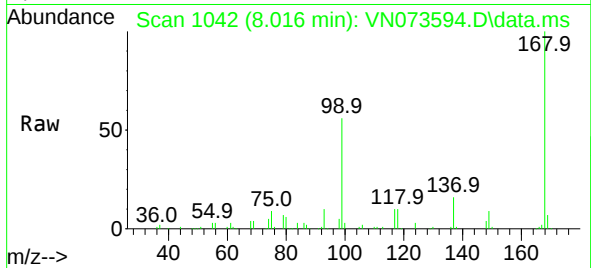




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

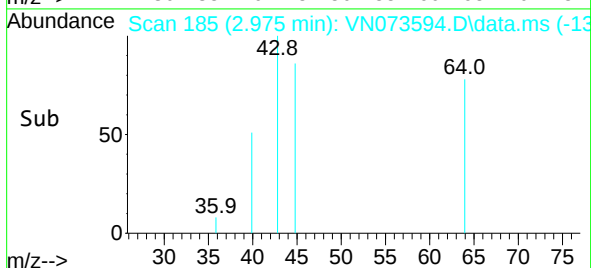
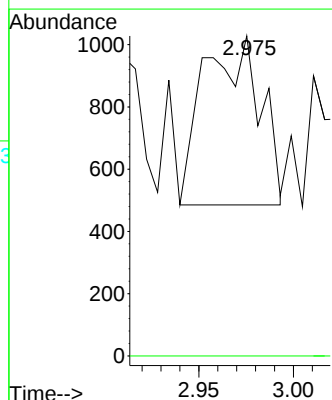
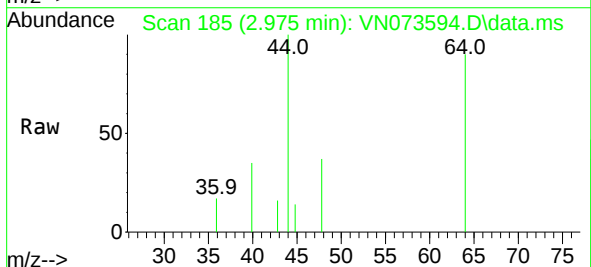
Instrument :
MSVOA_N
ClientSampleId :
SPC-11-84

Tgt Ion:168 Resp: 219029
Ion Ratio Lower Upper
168 100
99 55.7 42.3 63.5



#6
Chloroethane
Concen: 0.727 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.012 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Tgt Ion: 64 Resp: 1130
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

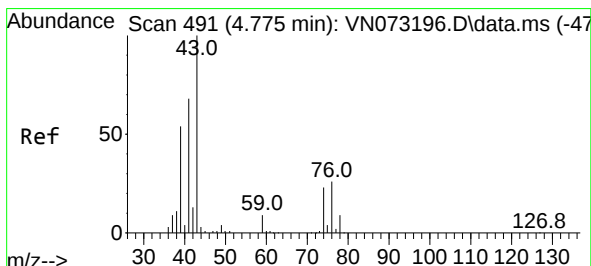
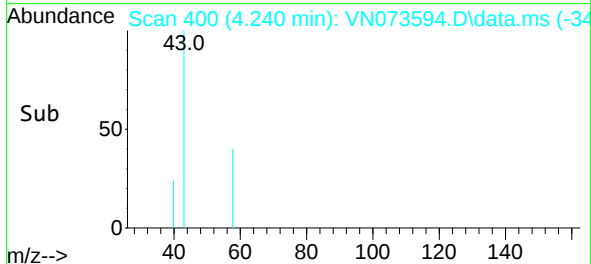
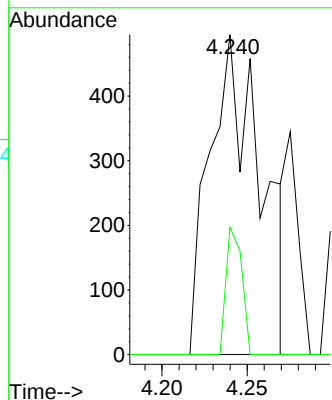
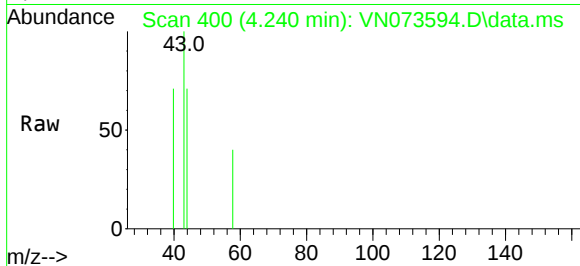




#16
Acetone
Concen: 0.579 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

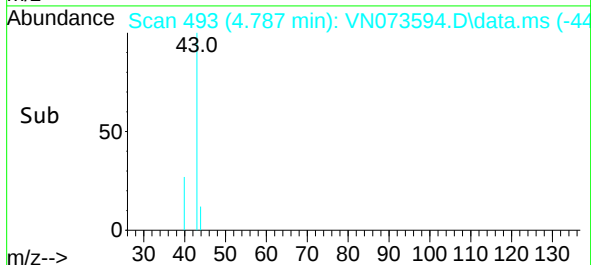
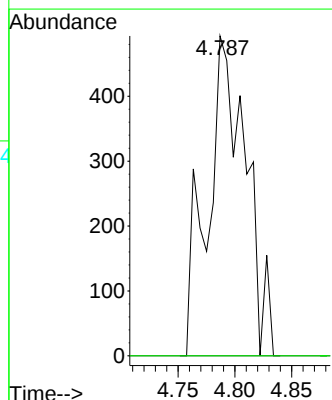
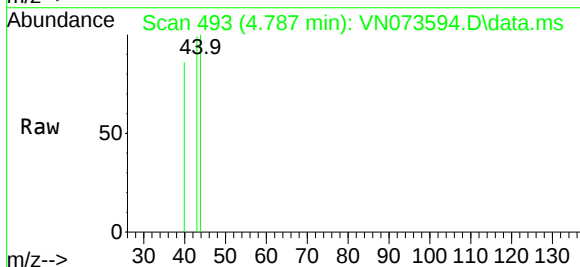
Instrument :
MSVOA_N
ClientSampleId :
SPC-11-84

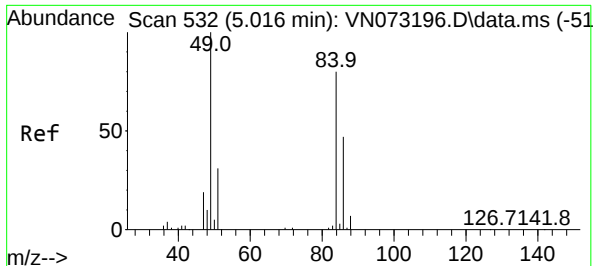
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
58 39.8 26.0 39.0#



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

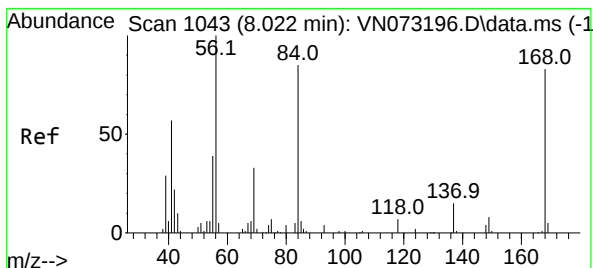
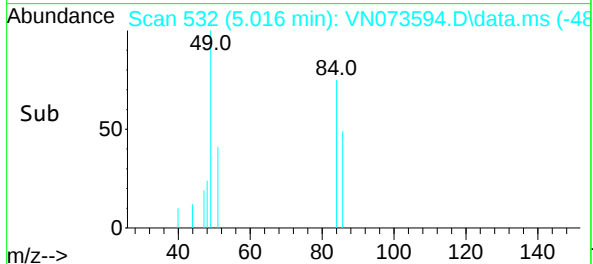
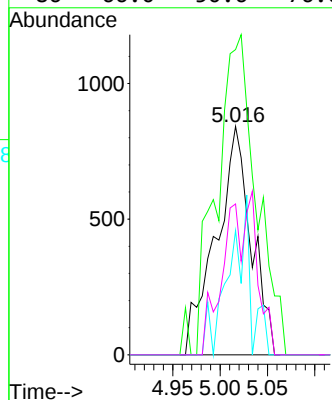
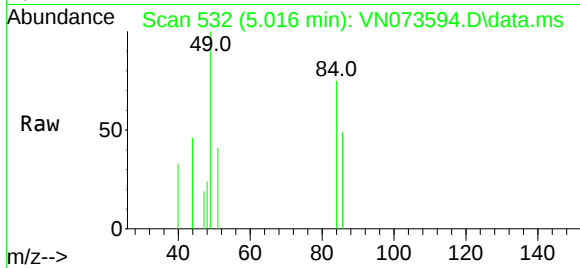




#20
Methylene Chloride
Concen: 0.701 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

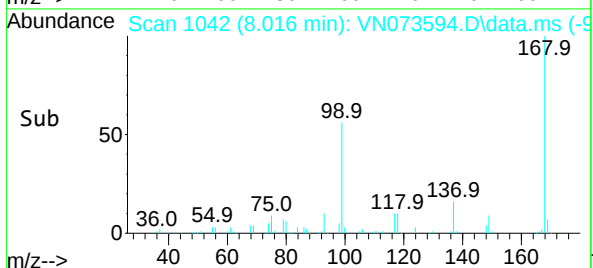
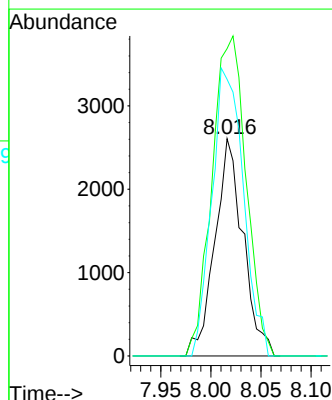
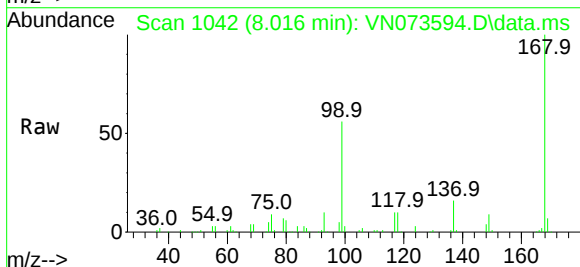
Instrument :
MSVOA_N
ClientSampleId :
SPC-11-84

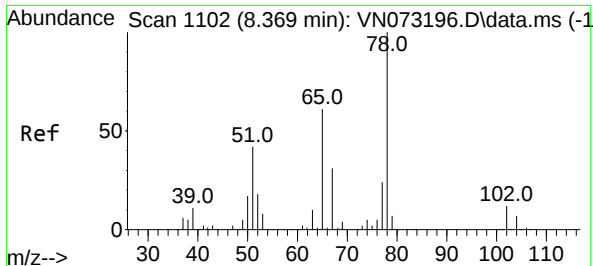
Tgt Ion:	84	Resp:	2186
Ion	Ratio	Lower	Upper
84	100		
49	133.6	88.3	132.5#
51	54.4	28.2	42.2#
86	66.0	50.6	76.0



#31
Cyclohexane
Concen: 0.986 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Tgt Ion:	56	Resp:	5107
Ion	Ratio	Lower	Upper
56	100		
69	141.5	27.8	41.8#
84	127.3	76.9	115.3#

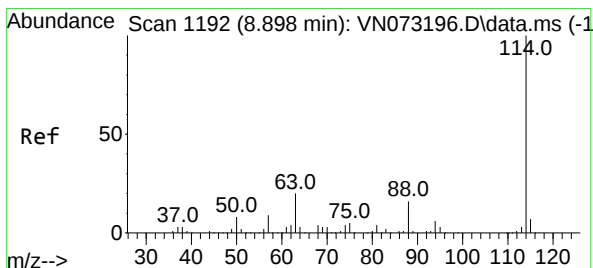
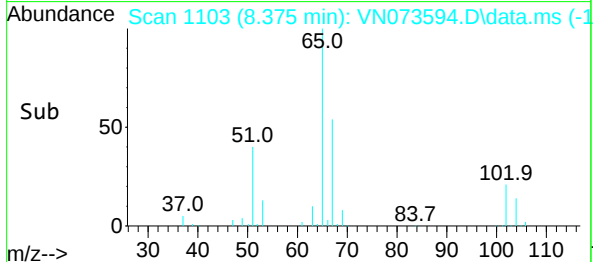
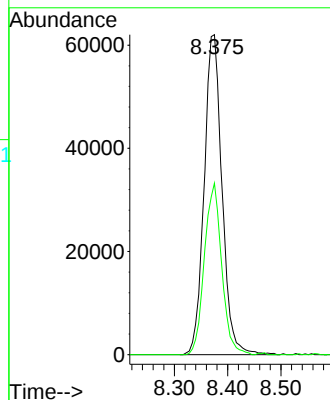
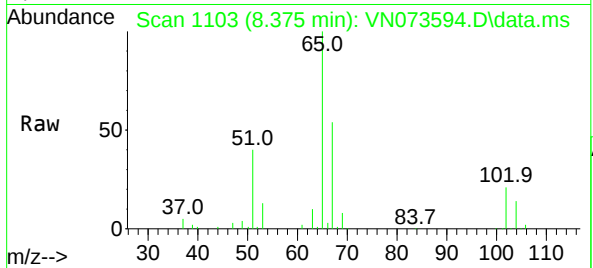




#33
1,2-Dichloroethane-d4
Concen: 45.761 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

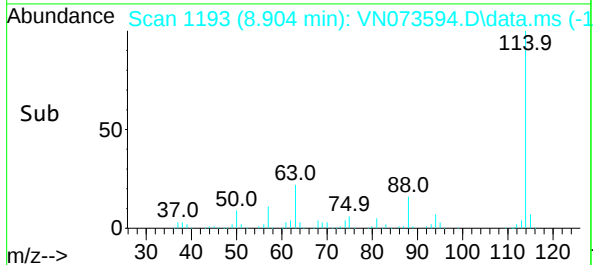
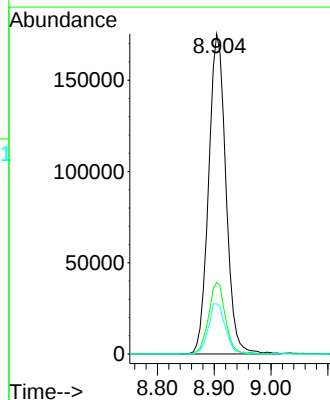
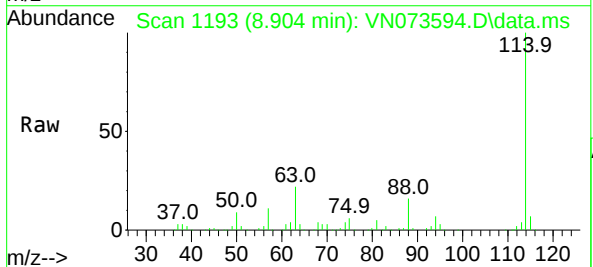
Instrument :
MSVOA_N
ClientSampleId :
SPC-11-84

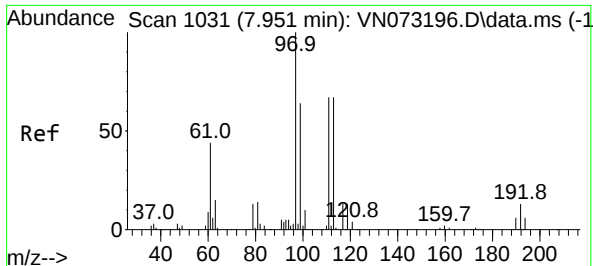
Tgt Ion: 65 Resp: 144693
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Tgt Ion: 114 Resp: 369019
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.376 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073594.D

Acq: 25 Jul 2022 21:19

Instrument :

MSVOA_N

ClientSampleId :

SPC-11-84

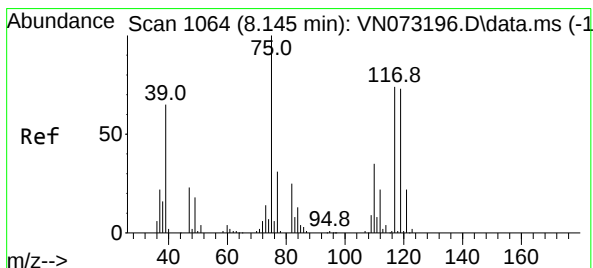
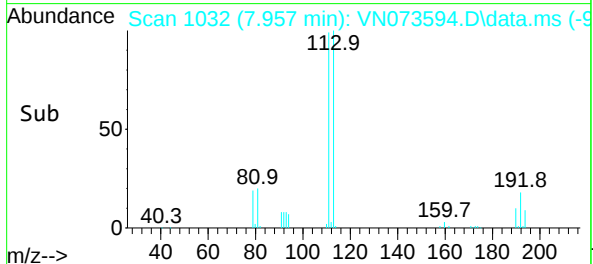
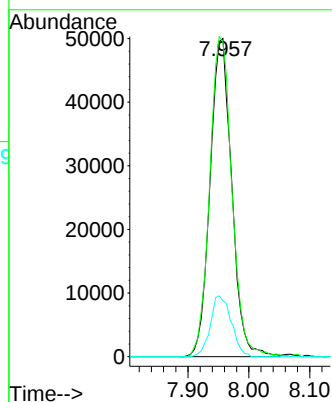
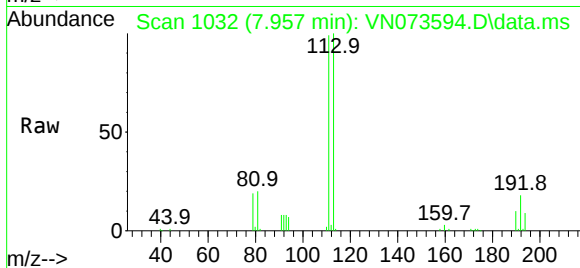
Tgt Ion:113 Resp: 123680

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.842 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073594.D

Acq: 25 Jul 2022 21:19

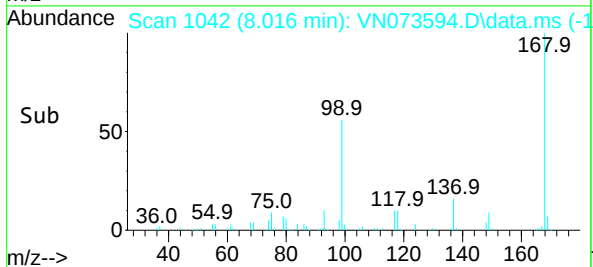
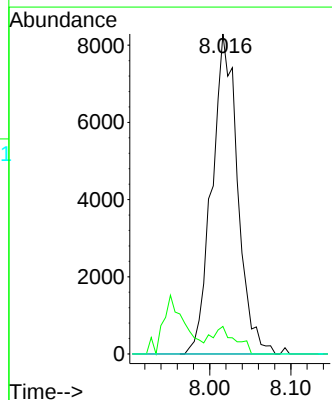
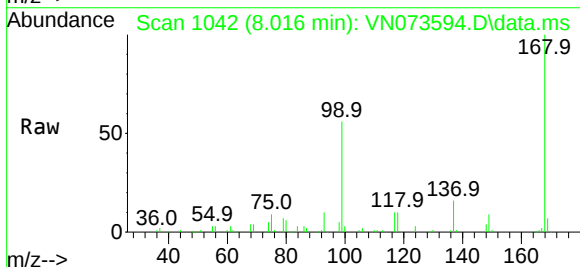
Tgt Ion: 75 Resp: 18292

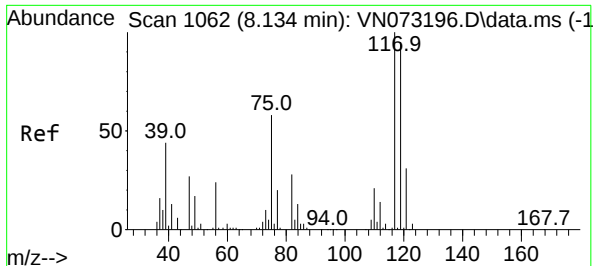
Ion Ratio Lower Upper

75 100

110 7.8 18.3 54.8#

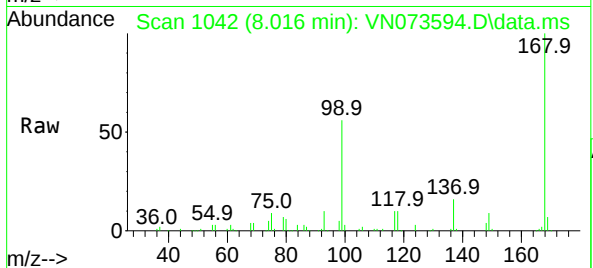
77 0.0 25.1 37.7#



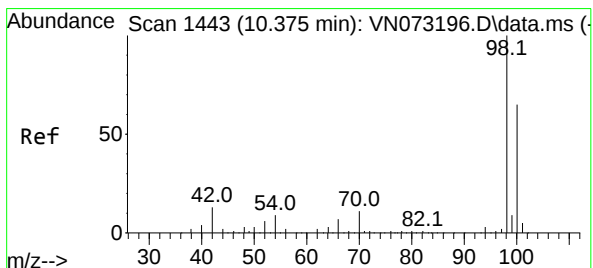
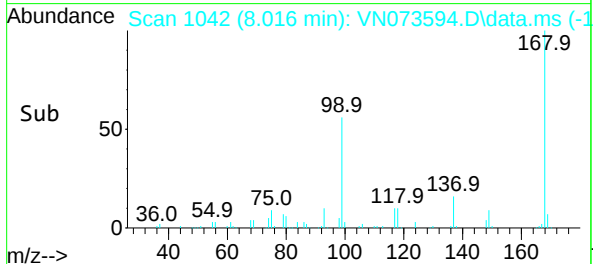
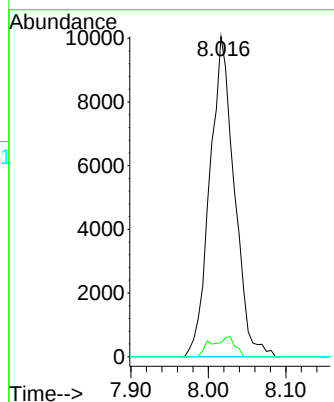


#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Instrument :
MSVOA_N
ClientSampleId :
SPC-11-84

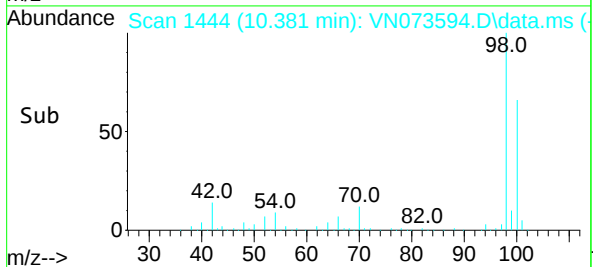
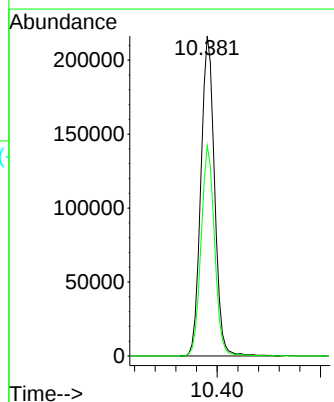
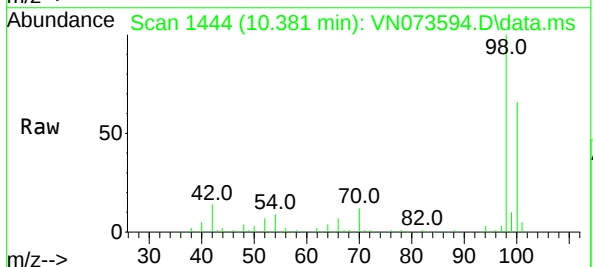


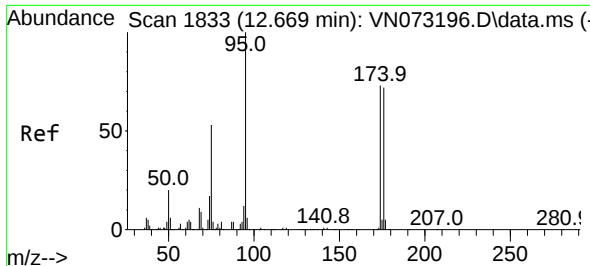
Tgt Ion:117 Resp: 22148
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.560 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Tgt Ion: 98 Resp: 397274
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

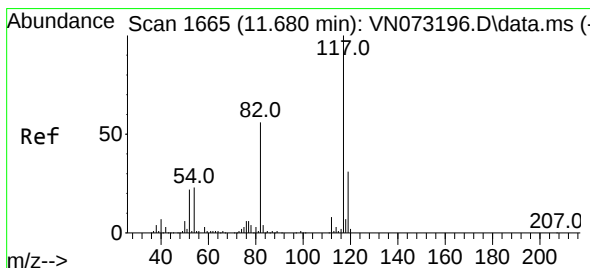
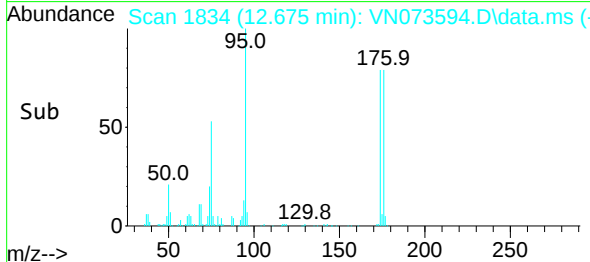
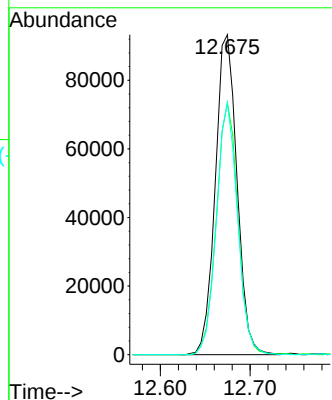
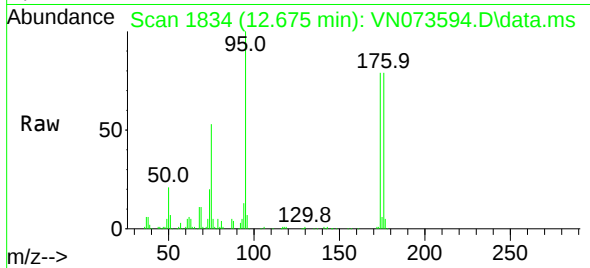




#62
4-Bromofluorobenzene
Concen: 46.831 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

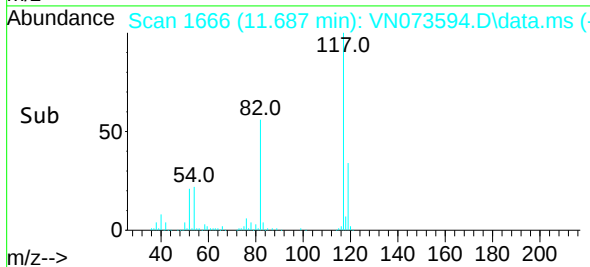
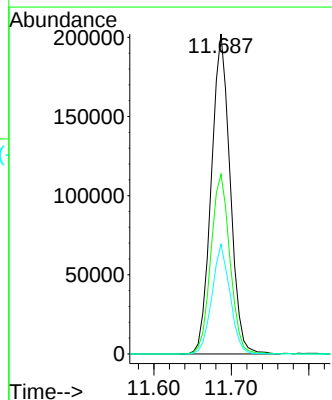
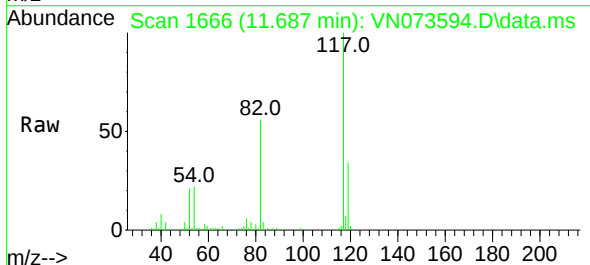
Instrument :
MSVOA_N
ClientSampleId :
SPC-11-84

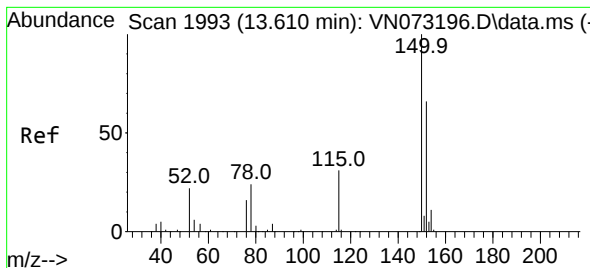
Tgt Ion: 95 Resp: 156929
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 76.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VN073594.D
Acq: 25 Jul 2022 21:19

Tgt Ion: 117 Resp: 340643
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 34.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073594.D

Acq: 25 Jul 2022 21:19

Instrument :

MSVOA_N

ClientSampleId :

SPC-11-84

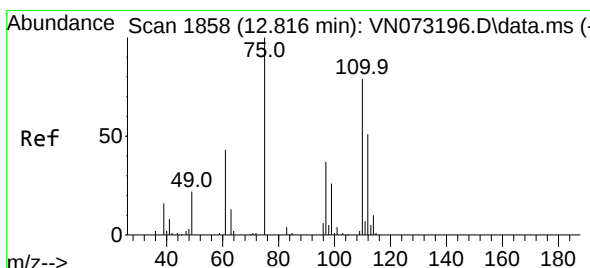
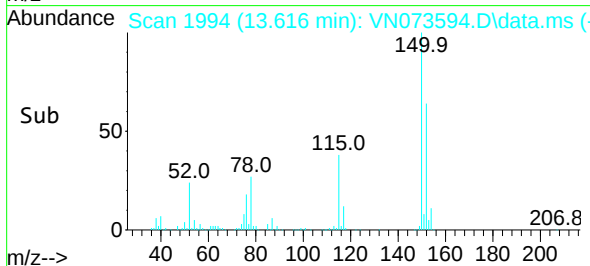
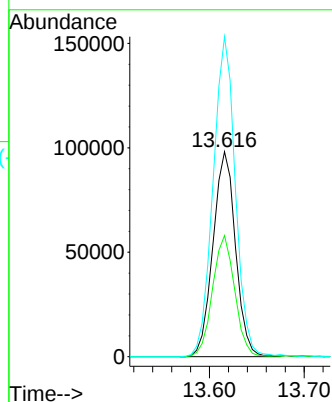
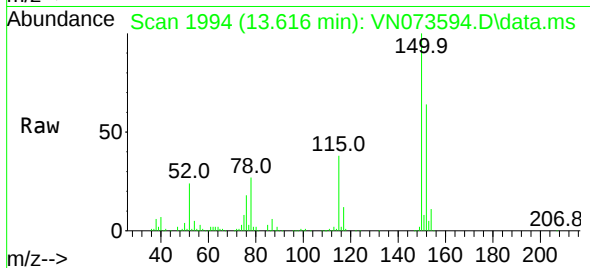
Tgt Ion:152 Resp: 162083

Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.7

150 154.7 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 19.746 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. -0.141 min

Lab File: VN073594.D

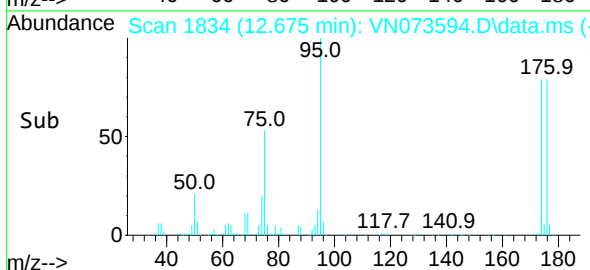
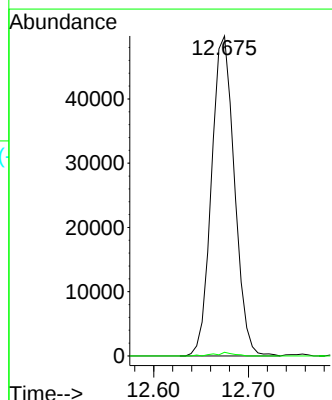
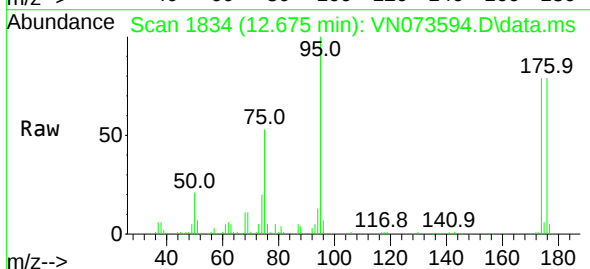
Acq: 25 Jul 2022 21:19

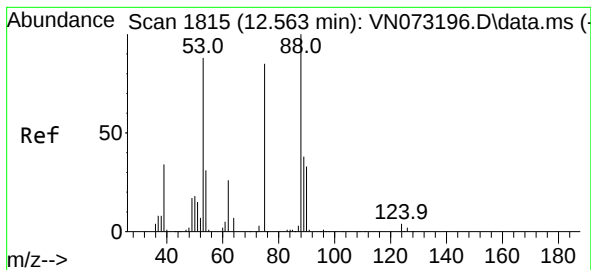
Tgt Ion: 75 Resp: 83685

Ion Ratio Lower Upper

75 100

77 0.9 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.152 ug/l
 RT: 12.675 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN073594.D
 Acq: 25 Jul 2022 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-11-84

Tgt Ion: 75 Resp: 83685
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

