

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073596.D
 Acq On : 25 Jul 2022 22:08
 Operator : JC\MD
 Sample : N3876-09 2000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-10-84

Quant Time: Jul 26 02:19:51 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)

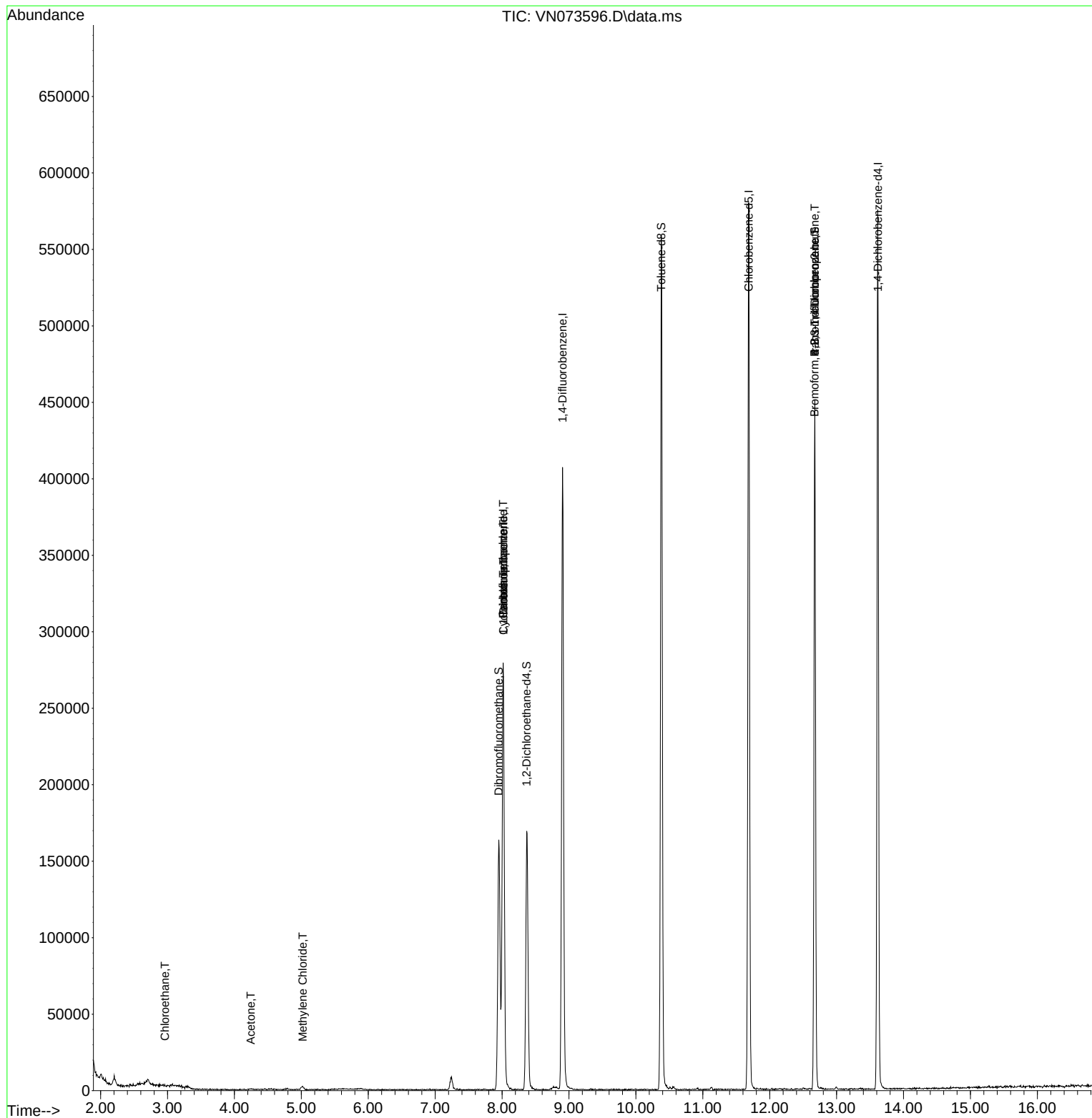
Internal Standards						
1) Pentafluorobenzene	8.016	168	207152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	349322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	323548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	146695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	139773	46.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.480%
35) Dibromofluoromethane	7.951	113	119869	51.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.380	98	380207	46.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.674	95	145359	45.824	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
6) Chloroethane	2.963	64	463	0.315	ug/l #	42
16) Acetone	4.245	43	564	0.336	ug/l	93
20) Methylene Chloride	5.022	84	1669	0.566	ug/l #	79
31) Cyclohexane	8.022	56	5335	1.089	ug/l #	46
36) 1,1-Dichloropropene	8.022	75	16614	4.646	ug/l #	45
38) Carbon Tetrachloride	8.016	117	21980	5.944	ug/l #	17
71) Bromoform	12.668	173	1400	0.711	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	77856	20.297	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	77856	55.665	ug/l #	10

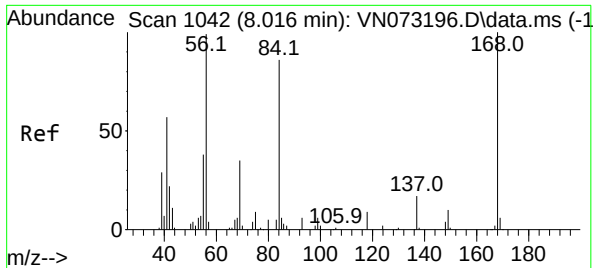
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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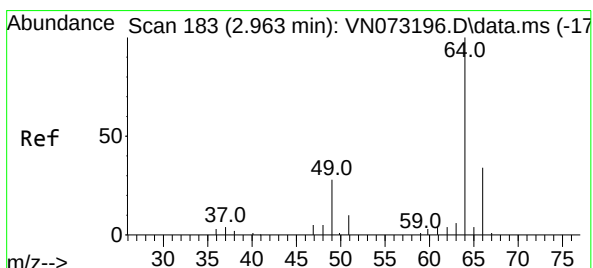
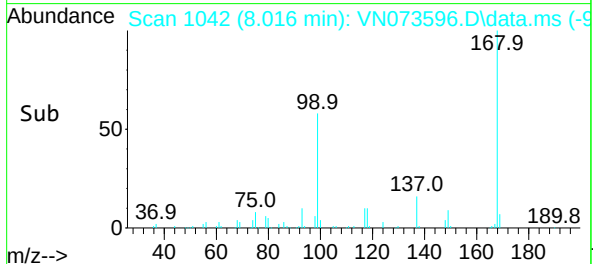
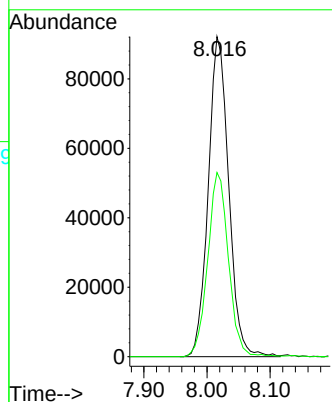
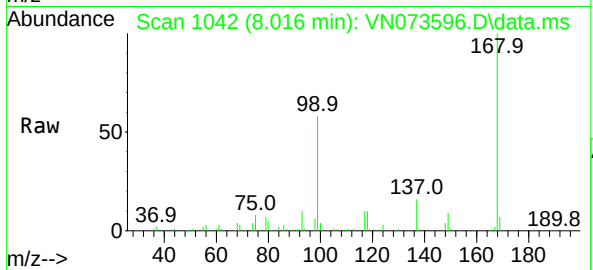




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

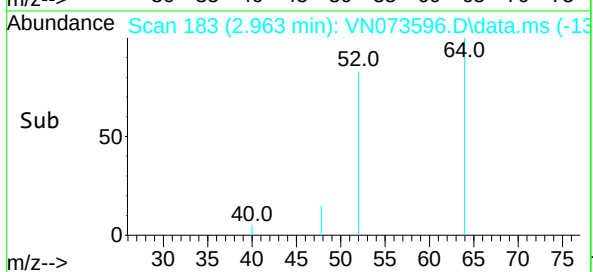
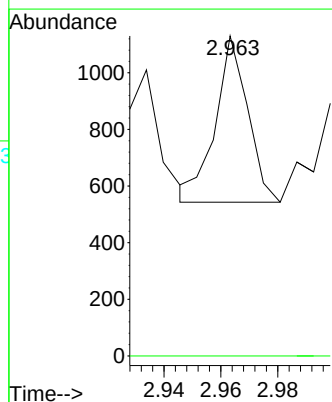
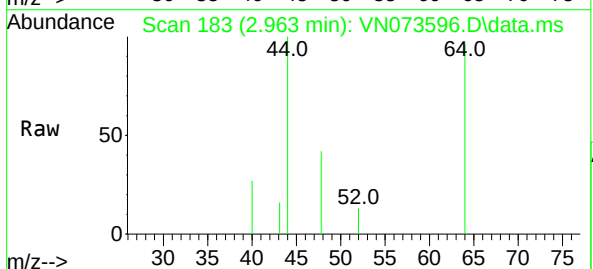
Instrument :
MSVOA_N
ClientSampleId :
SPC-10-84

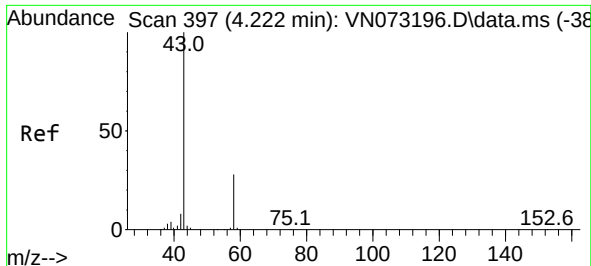
Tgt Ion:168 Resp: 207152
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#6
Chloroethane
Concen: 0.315 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Tgt Ion: 64 Resp: 463
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#16

Acetone

Concen: 0.336 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN073596.D

Acq: 25 Jul 2022 22:08

Instrument :

MSVOA_N

ClientSampleId :

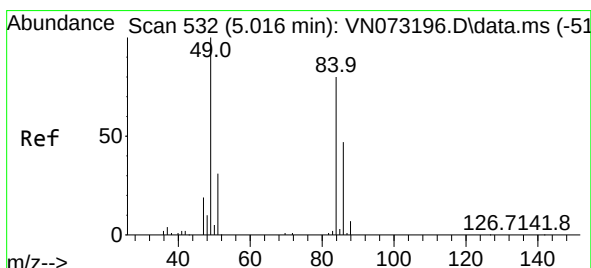
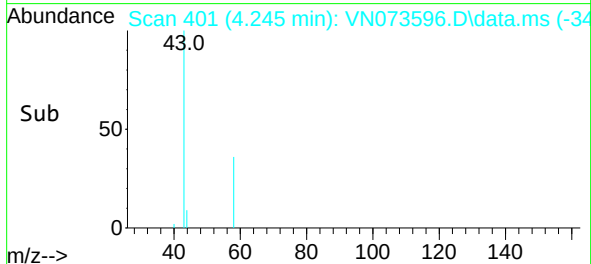
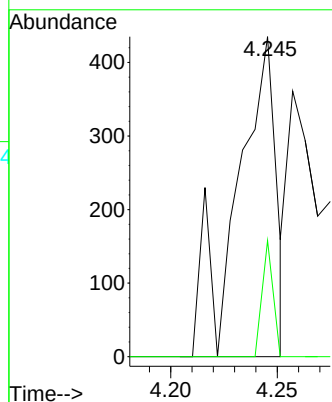
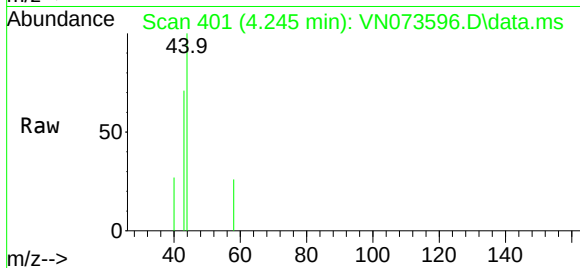
SPC-10-84

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

58 36.3 26.0 39.0



#20

Methylene Chloride

Concen: 0.566 ug/l

RT: 5.022 min Scan# 533

Delta R.T. 0.006 min

Lab File: VN073596.D

Acq: 25 Jul 2022 22:08

Tgt Ion: 84 Resp: 1669

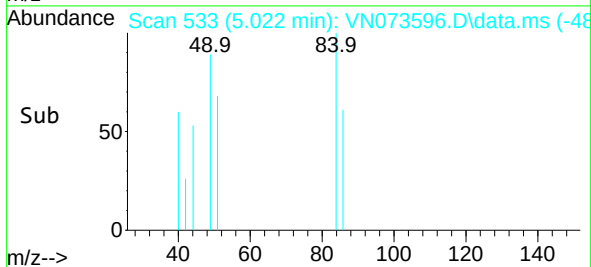
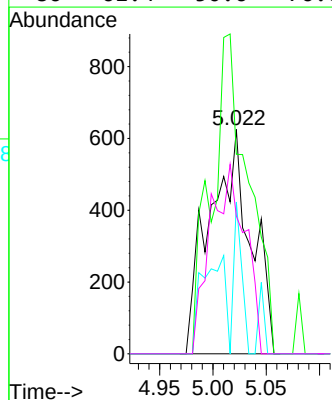
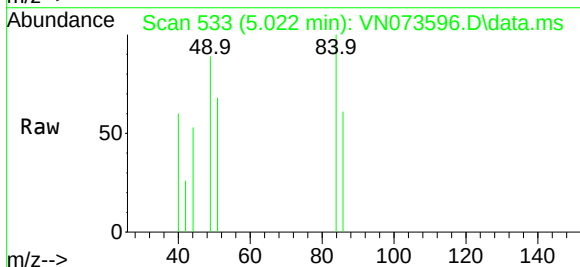
Ion Ratio Lower Upper

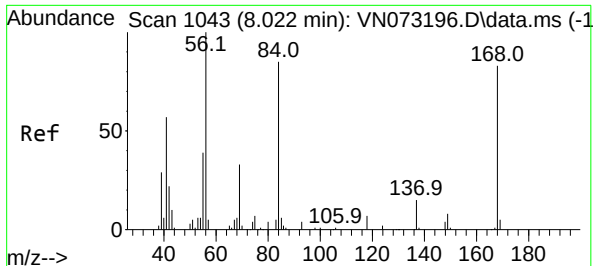
84 100

49 89.0 88.3 132.5

51 67.7 28.2 42.2#

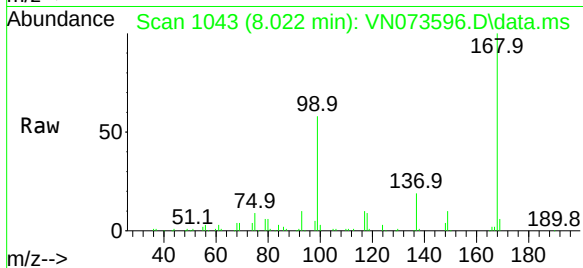
86 61.4 50.6 76.0



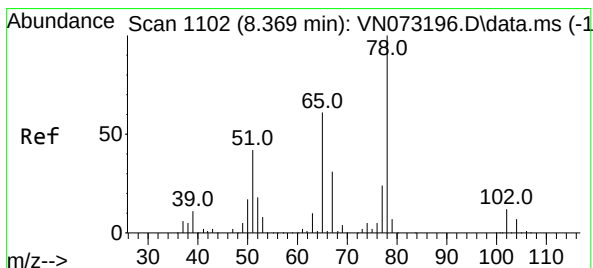
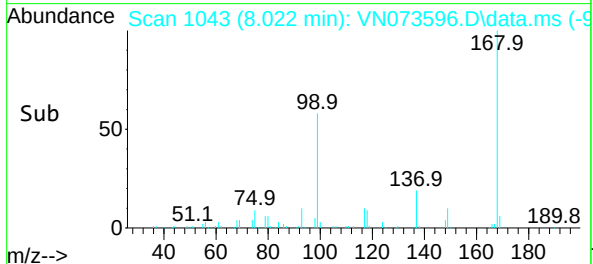
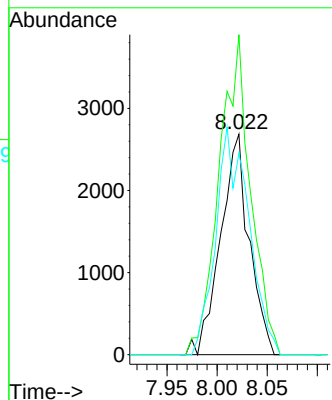


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Instrument :
MSVOA_N
ClientSampleId :
SPC-10-84

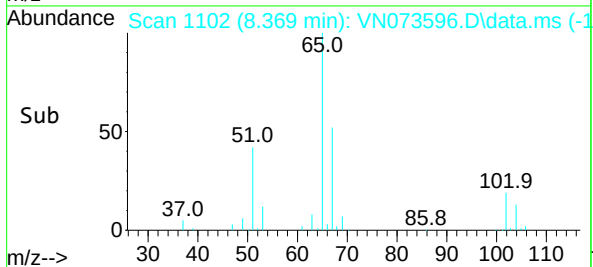
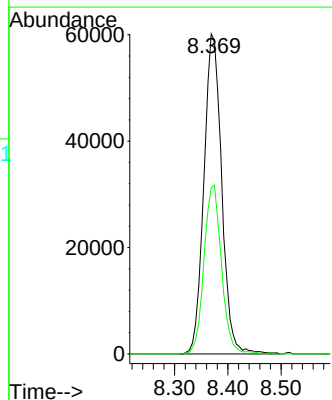
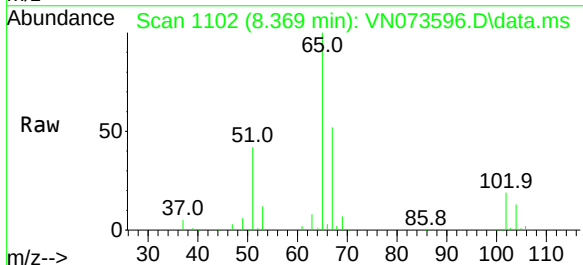


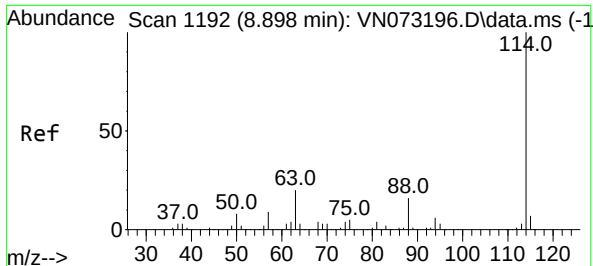
Tgt Ion: 56 Resp: 5335
Ion Ratio Lower Upper
56 100
69 145.1 27.8 41.8#
84 91.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.740 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Tgt Ion: 65 Resp: 139773
Ion Ratio Lower Upper
65 100
67 51.9 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: VN073596.D

Acq: 25 Jul 2022 22:08

Instrument :

MSVOA_N

ClientSampleId :

SPC-10-84

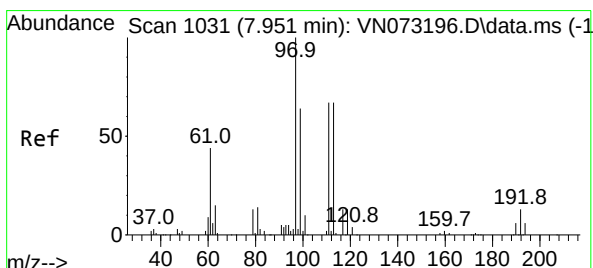
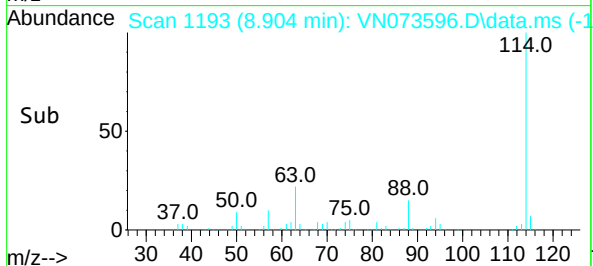
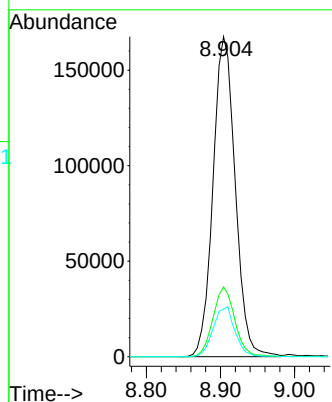
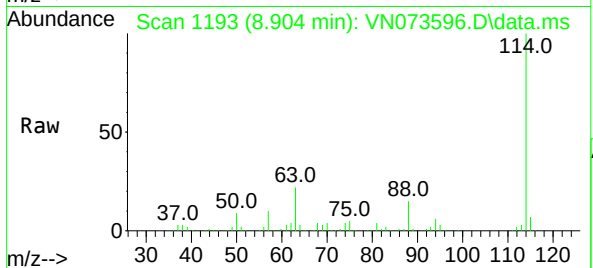
Tgt Ion:114 Resp: 349322

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.577 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073596.D

Acq: 25 Jul 2022 22:08

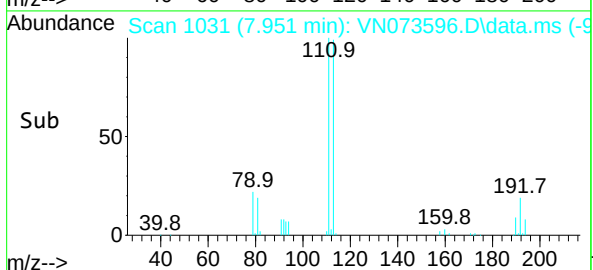
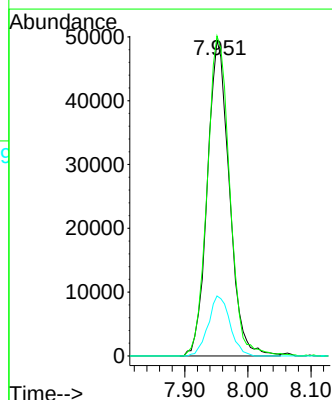
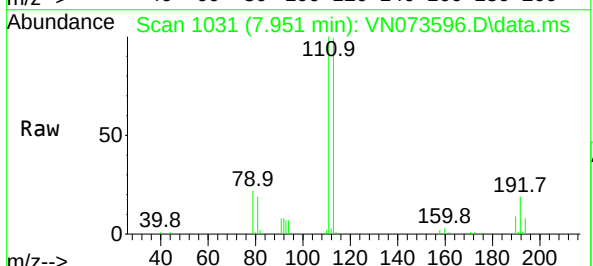
Tgt Ion:113 Resp: 119869

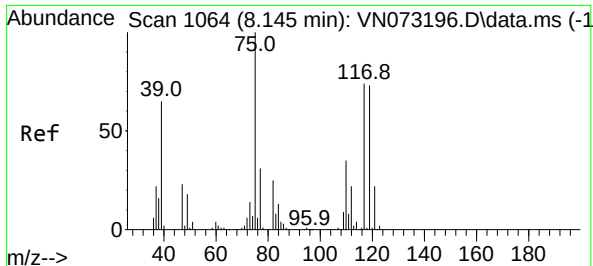
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.7 17.0 25.6

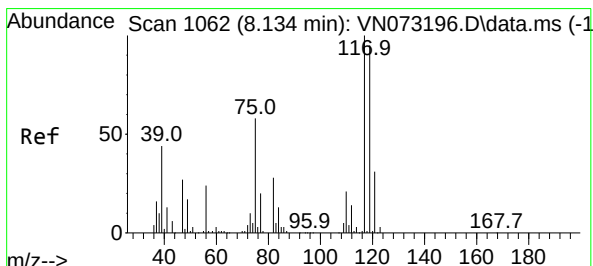
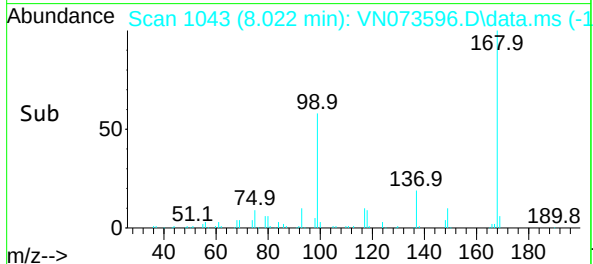
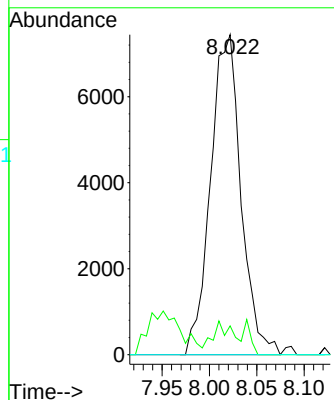
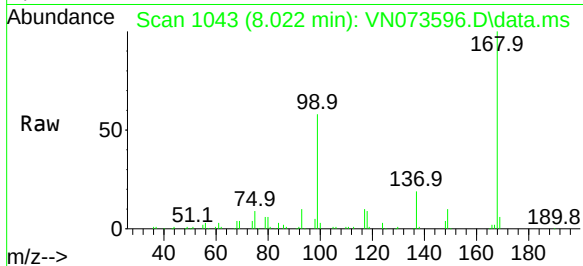




#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.123 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

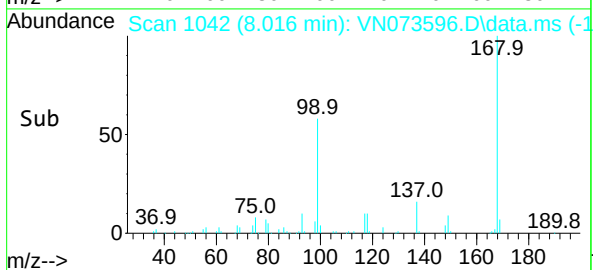
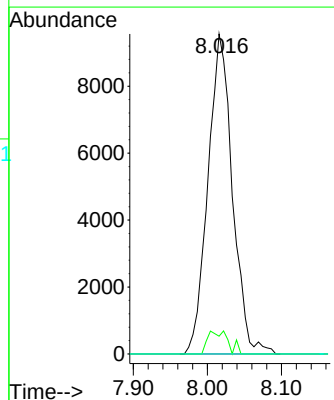
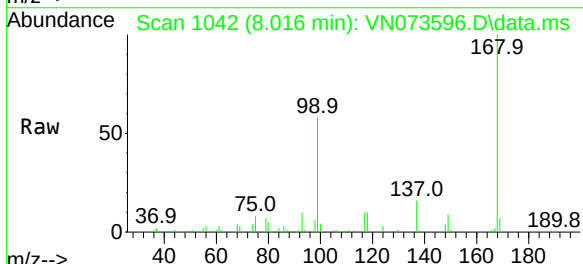
Instrument :
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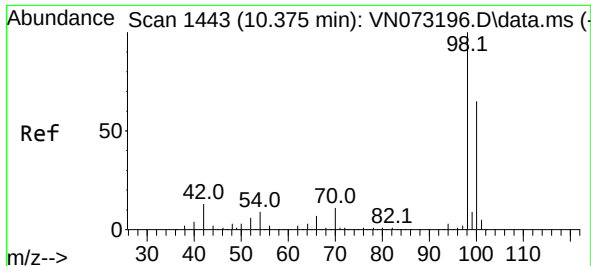
Tgt Ion: 75 Resp: 16614
Ion Ratio Lower Upper
75 100
110 4.8 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Tgt Ion: 117 Resp: 21980
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

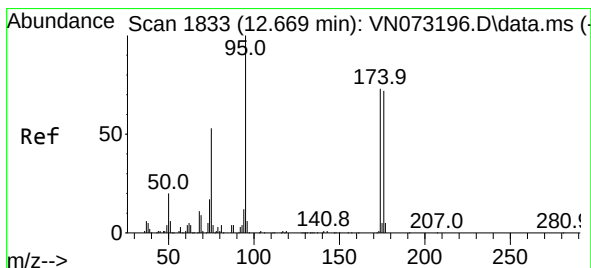
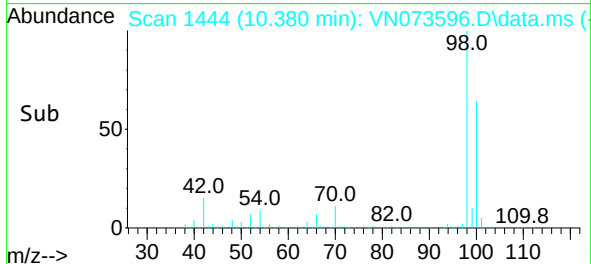
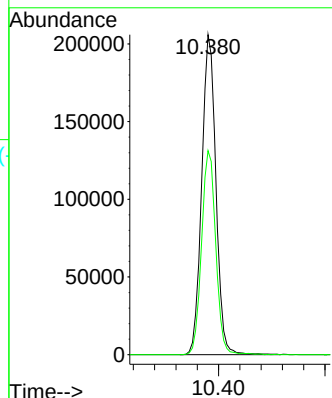
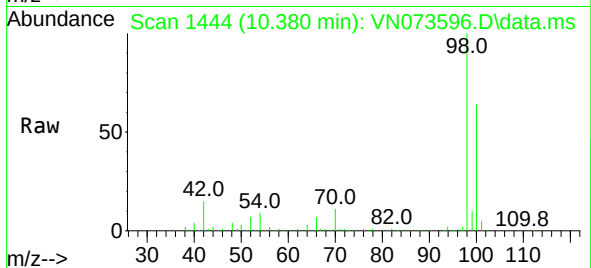




#50
Toluene-d8
Concen: 46.061 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

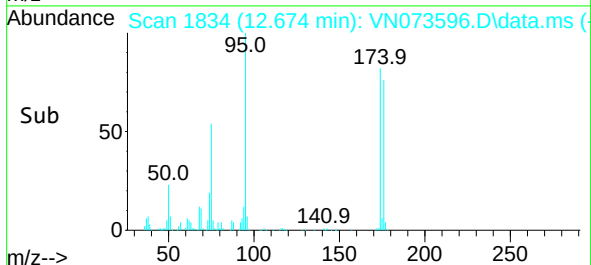
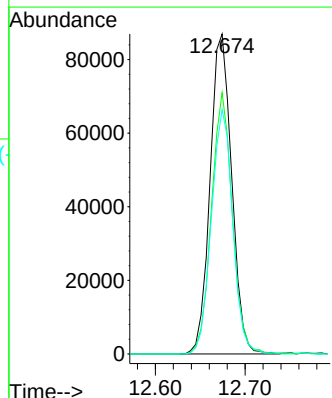
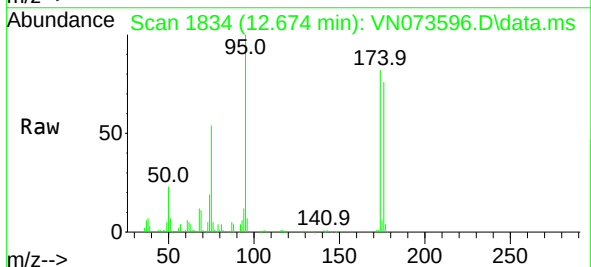
Instrument :
MSVOA_N
ClientSampleId :
SPC-10-84

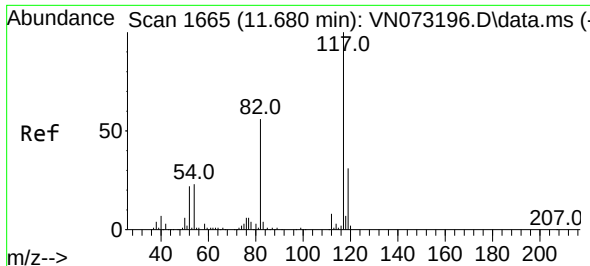
Tgt Ion: 98 Resp: 380207
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Tgt Ion: 95 Resp: 145359
Ion Ratio Lower Upper
95 100
174 79.0 0.0 167.6
176 75.5 0.0 163.4

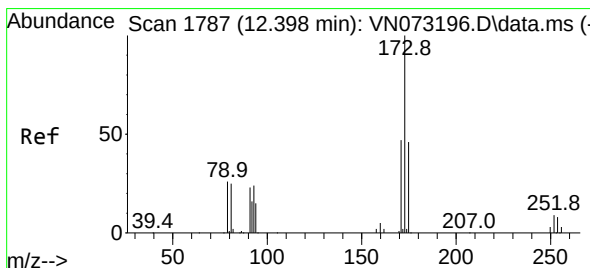
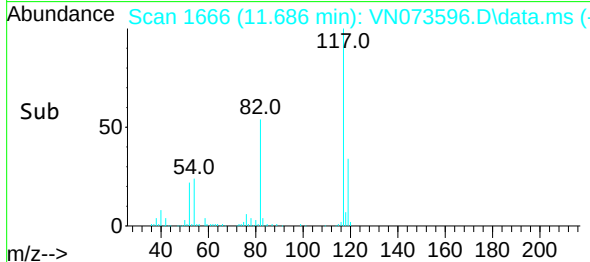
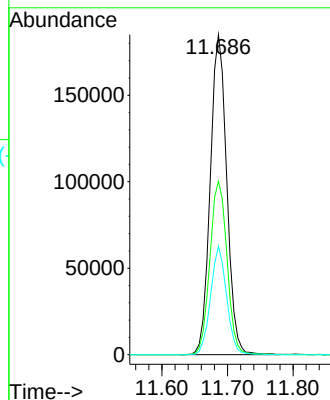
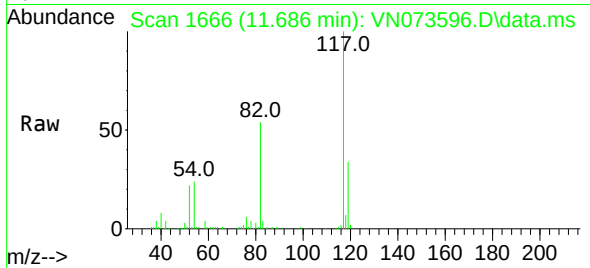




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

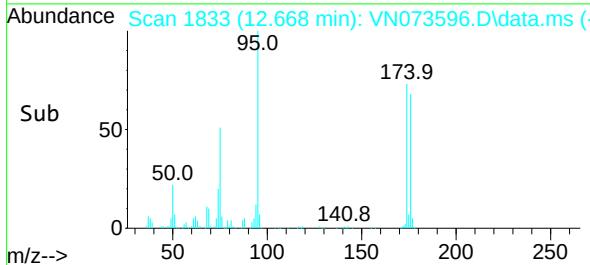
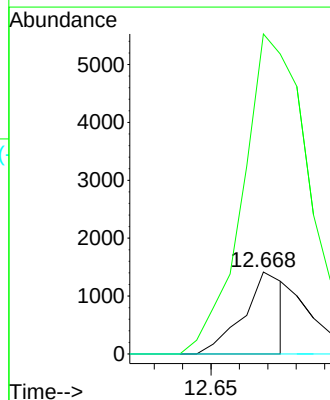
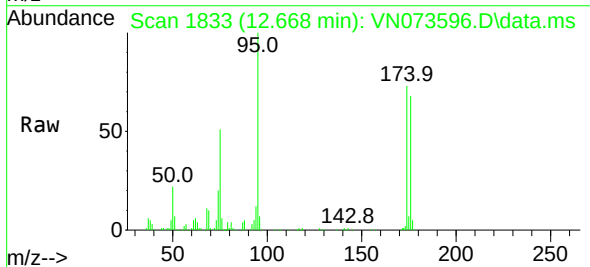
Instrument :
MSVOA_N
ClientSampleId :
SPC-10-84

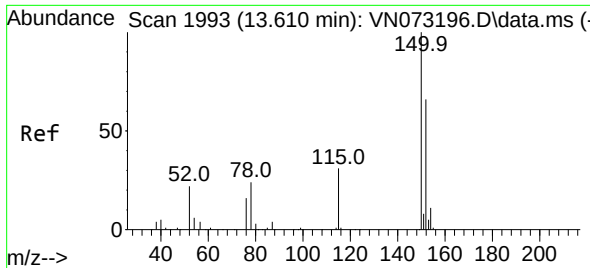
Tgt Ion:117 Resp: 323548
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 33.9 25.4 38.0



#71
Bromoform
Concen: 0.711 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Tgt Ion:173 Resp: 1400
Ion Ratio Lower Upper
173 100
175 412.9 24.6 73.6#
254 0.0 0.1 0.1#

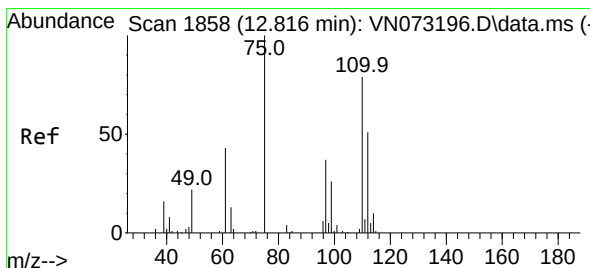
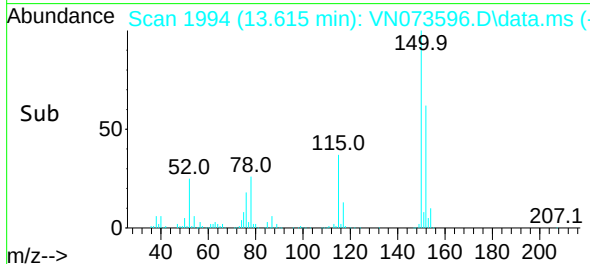
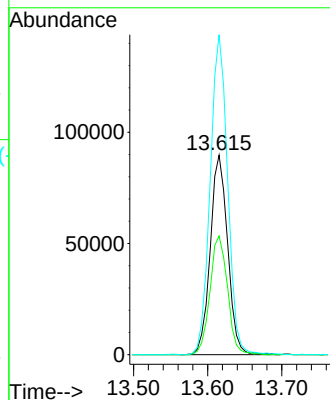
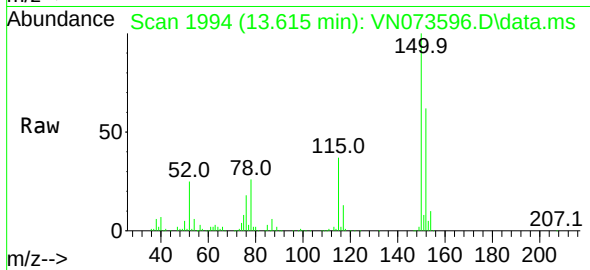




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

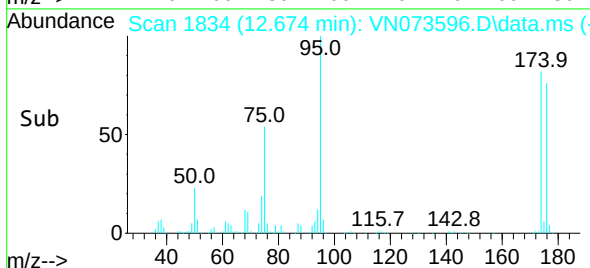
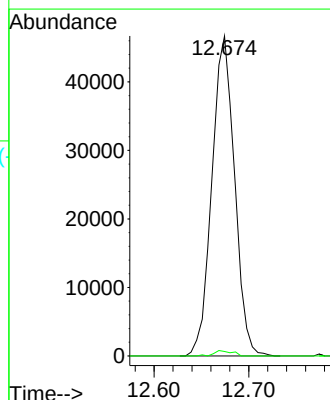
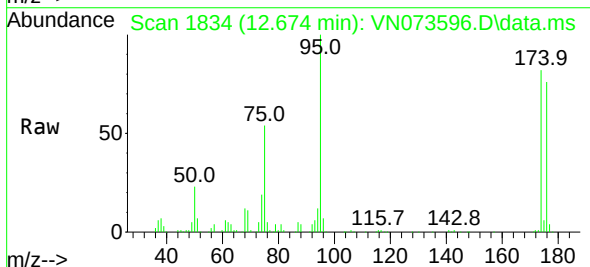
Instrument :
MSVOA_N
ClientSampleId :
SPC-10-84

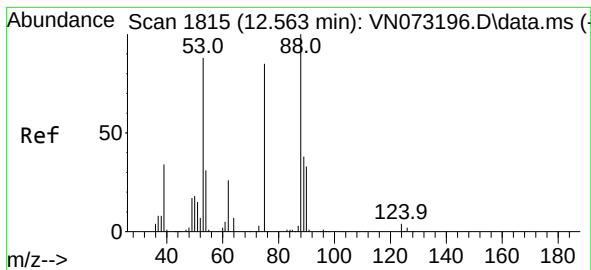
Tgt Ion:152 Resp: 146695
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 160.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.297 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Tgt Ion: 75 Resp: 77856
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 55.665 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN073596.D
Acq: 25 Jul 2022 22:08

Instrument :
MSVOA_N
ClientSampleId :
SPC-10-84

Tgt Ion: 75 Resp: 77856
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

