

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031173.D
 Acq On : 07 Sep 2022 20:46
 Operator : JC/MD
 Sample : N4357-10DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20220823DL

Quant Time: Sep 07 23:27:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	78762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	141467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105516	56.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.180%			
35) Dibromofluoromethane	5.391	113	80008	51.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	8.653	98	277662	49.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.140%			
62) 4-Bromofluorobenzene	11.079	95	107631	52.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.880%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	785	0.555	ug/l	91
11) Tert butyl alcohol	2.947	59	5066	Below Cal	#	74
16) Acetone	2.398	43	329	0.510	ug/l	# 40
18) Methyl Acetate	2.953	43	794	0.475	ug/l	# 51
31) Cyclohexane	5.550	56	1718	0.824	ug/l	# 36
36) 1,1-Dichloropropene	5.550	75	7611	3.297	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	8997	3.704	ug/l	# 16
39) Methylcyclohexane	7.123	83	667	0.253	ug/l	# 1
44) Trichloroethene	7.129	130	56663	32.142	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1110	0.561	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	56570	36.924	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	56570	119.076	ug/l	# 13

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

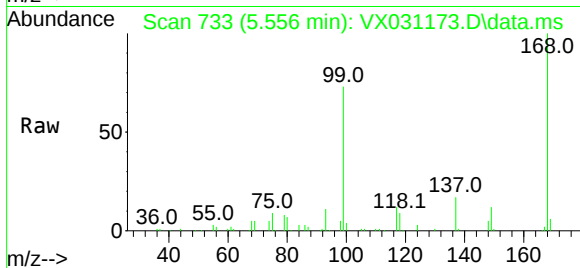
Quant Time: Sep 07 23:27:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



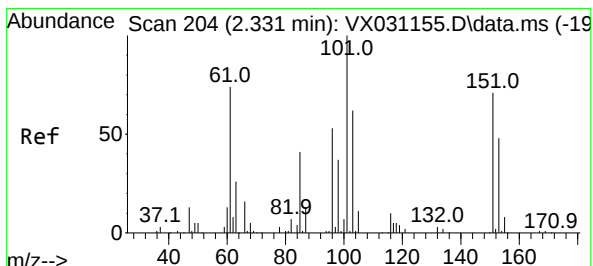
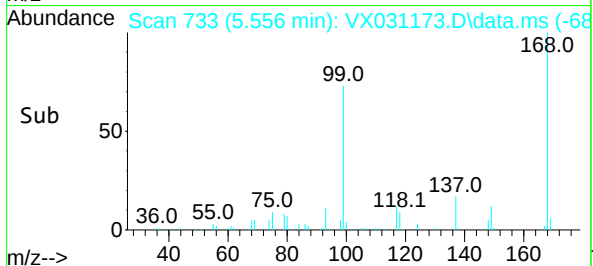
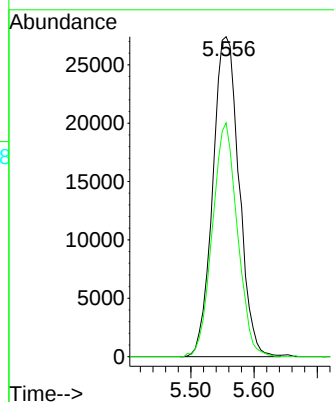


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823DL

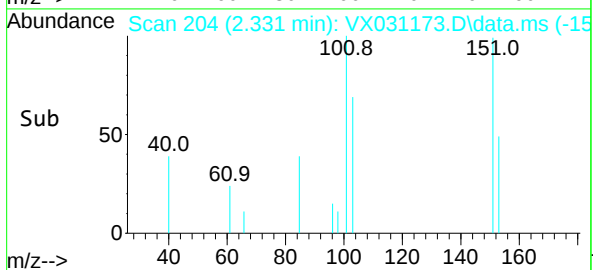
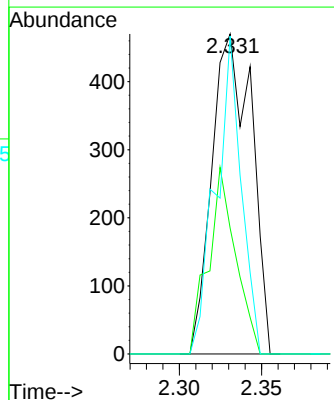
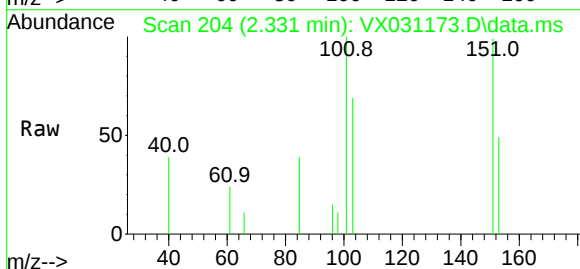


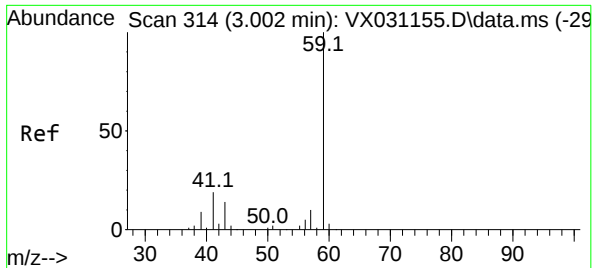
Tgt Ion:168 Resp: 78762
Ion Ratio Lower Upper
168 100
99 73.0 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.555 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Tgt Ion:101 Resp: 785
Ion Ratio Lower Upper
101 100
85 40.3 34.0 51.0
151 64.1 59.4 89.0

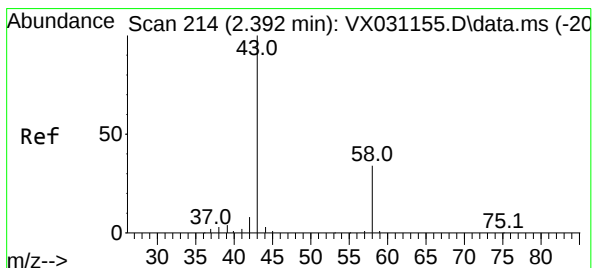
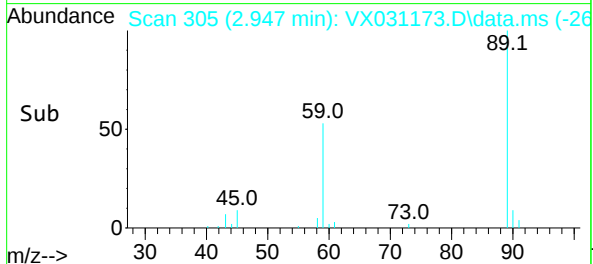
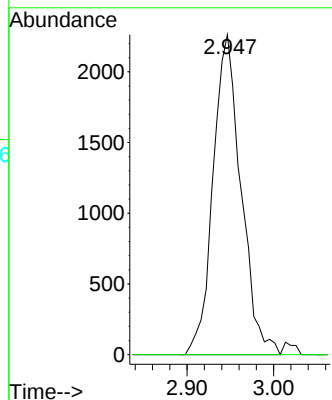
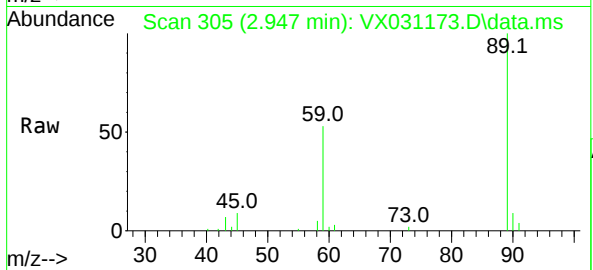




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

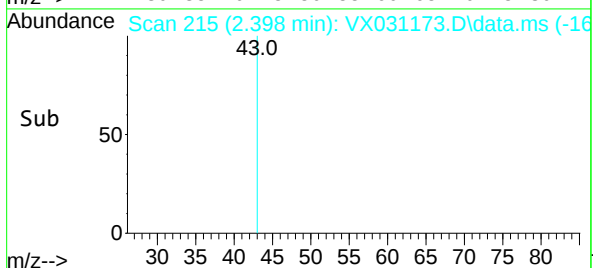
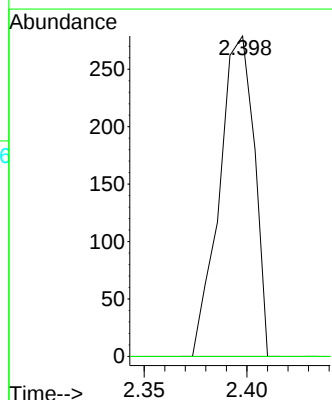
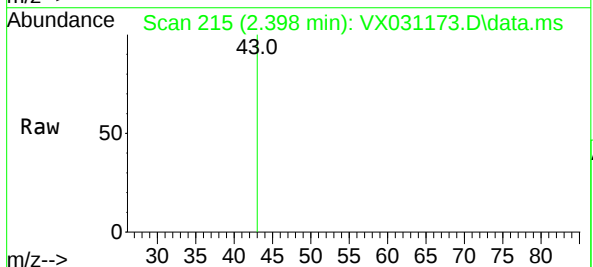
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823DL

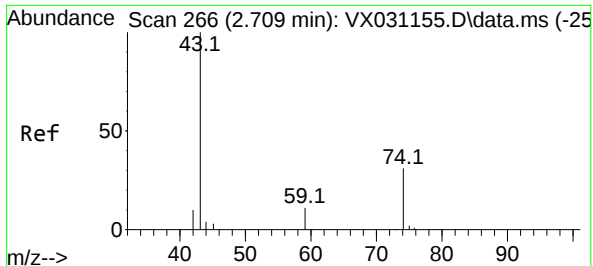
Tgt Ion: 59 Resp: 5066
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 0.510 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#18

Methyl Acetate

Concen: 0.475 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.244 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

Instrument :

MSVOA_X

ClientSampleId :

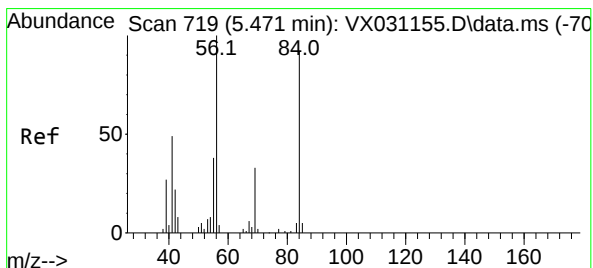
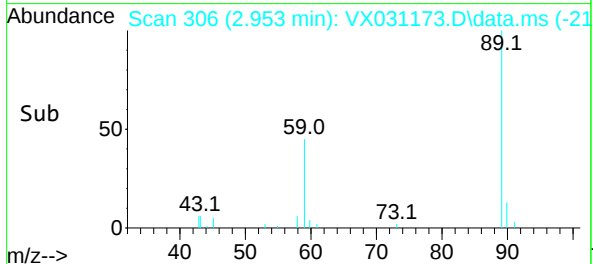
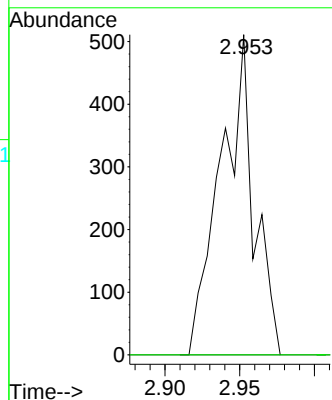
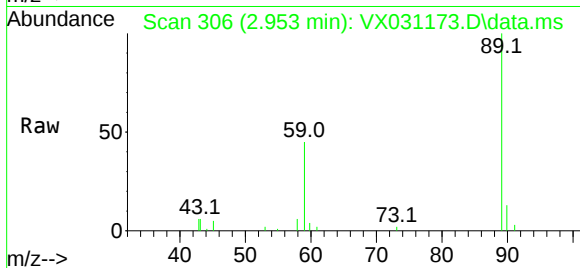
DUP07-20220823DL

Tgt Ion: 43 Resp: 794

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 0.824 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

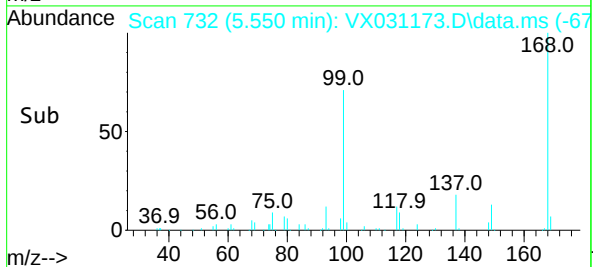
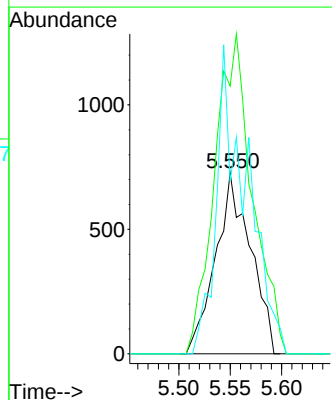
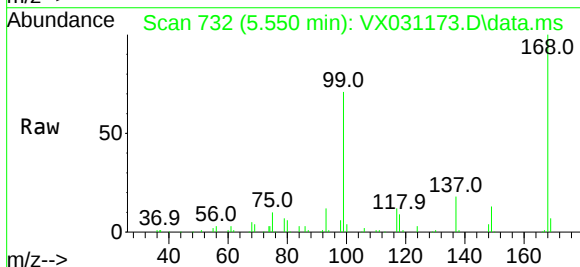
Tgt Ion: 56 Resp: 1718

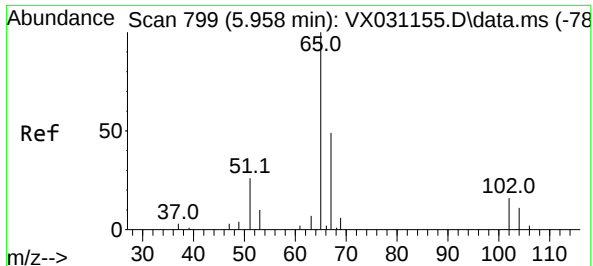
Ion Ratio Lower Upper

56 100

69 148.0 25.4 38.0#

84 95.3 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 56.585 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

Instrument :

MSVOA_X

ClientSampleId :

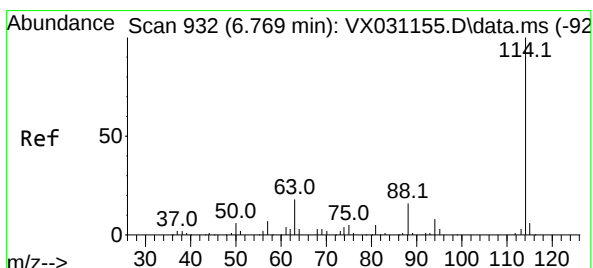
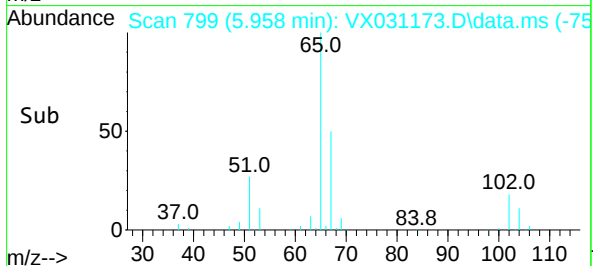
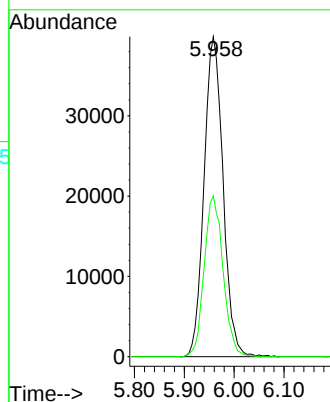
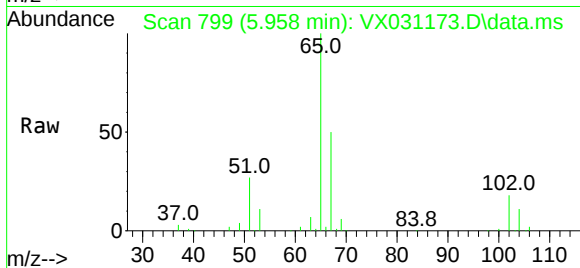
DUP07-20220823DL

Tgt Ion: 65 Resp: 105516

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

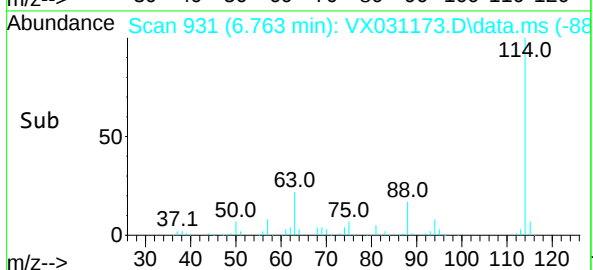
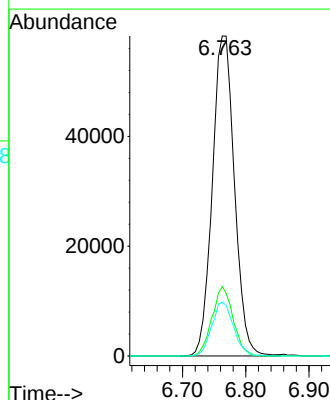
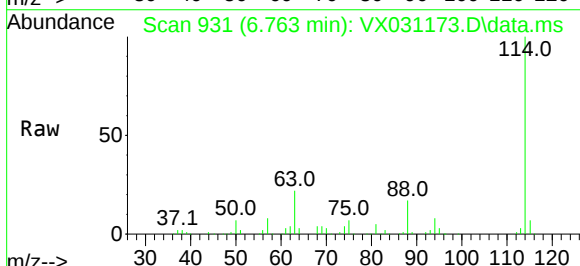
Tgt Ion: 114 Resp: 141467

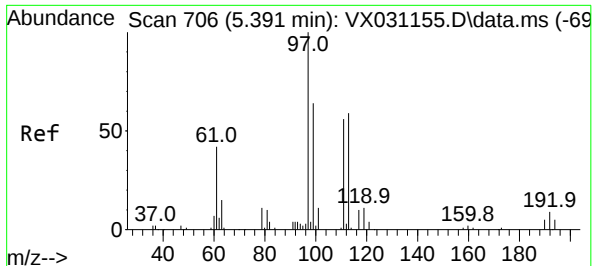
Ion Ratio Lower Upper

114 100

63 21.7 0.0 38.4

88 16.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.899 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031173.D

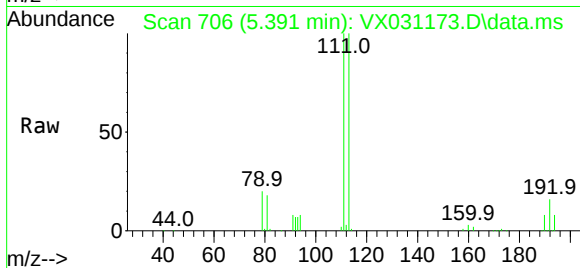
Acq: 07 Sep 2022 20:46

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20220823DL



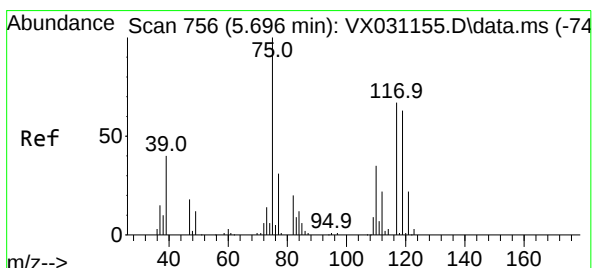
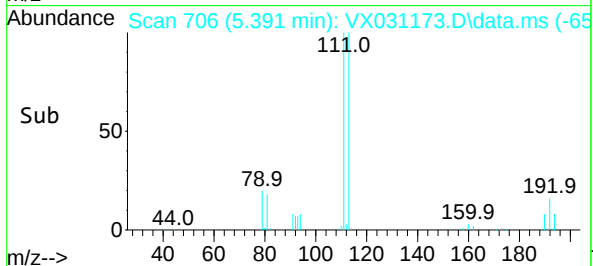
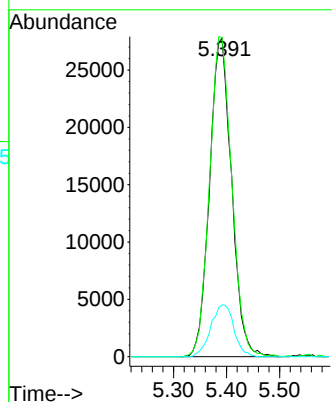
Tgt Ion:113 Resp: 80008

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

192 17.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.297 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

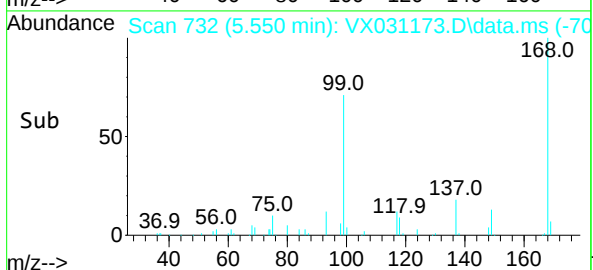
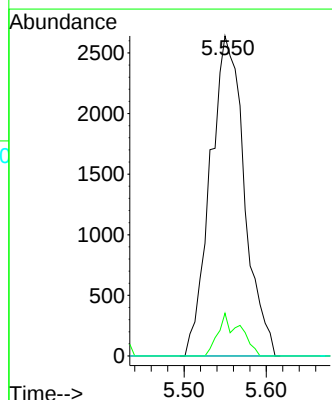
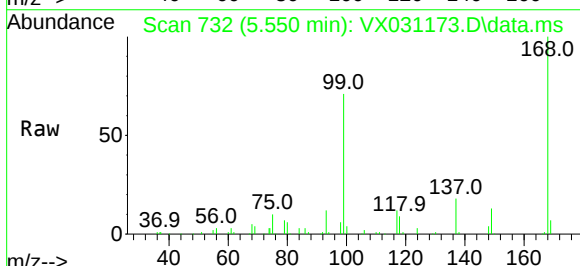
Tgt Ion: 75 Resp: 7611

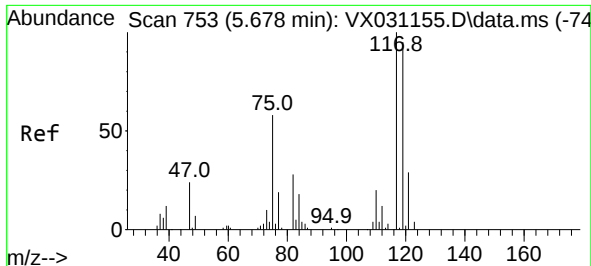
Ion Ratio Lower Upper

75 100

110 8.7 19.3 57.9#

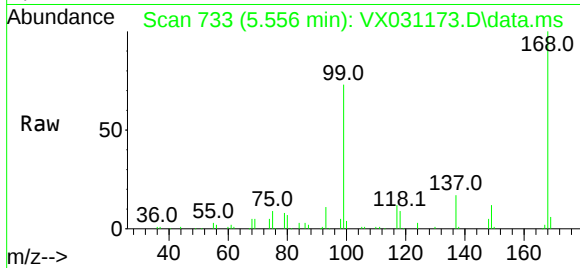
77 0.0 24.4 36.6#



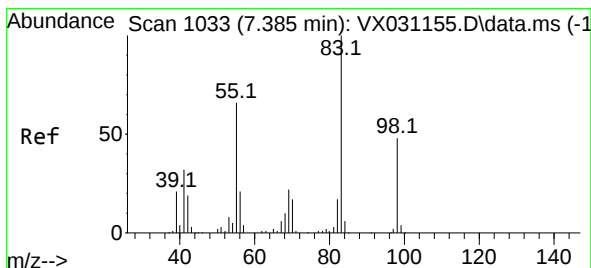
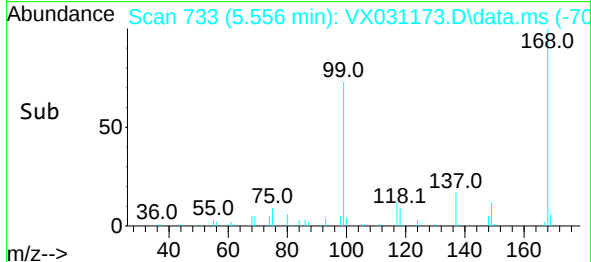
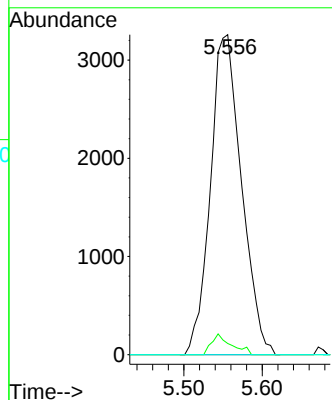


#38
Carbon Tetrachloride
Concen: 3.704 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823DL

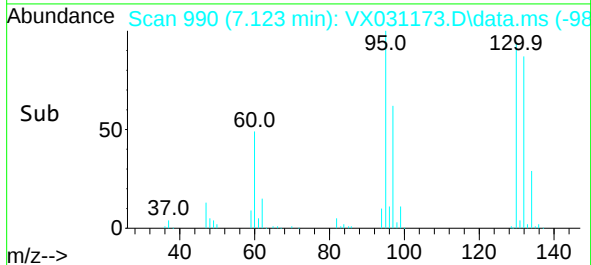
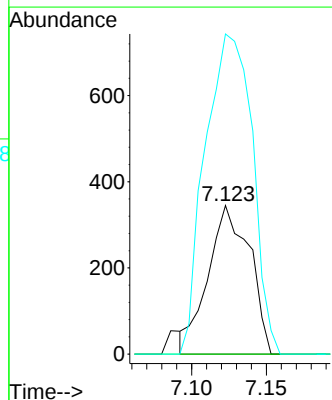
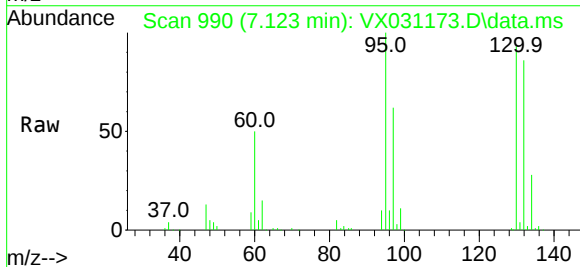


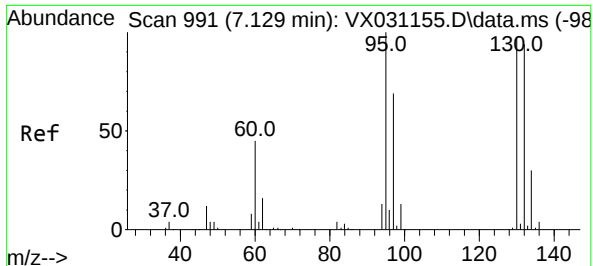
Tgt Ion:117 Resp: 8997
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.253 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Tgt Ion: 83 Resp: 667
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 215.4 36.5 54.7#

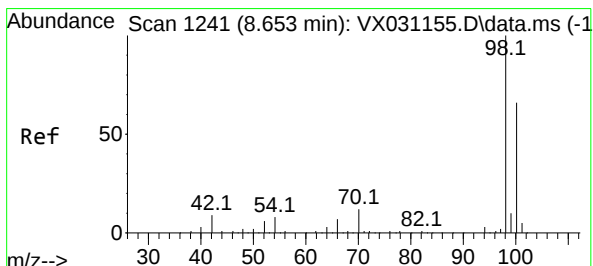
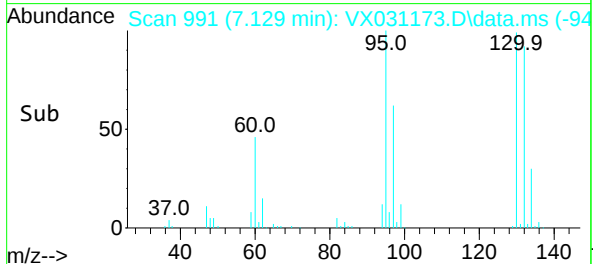
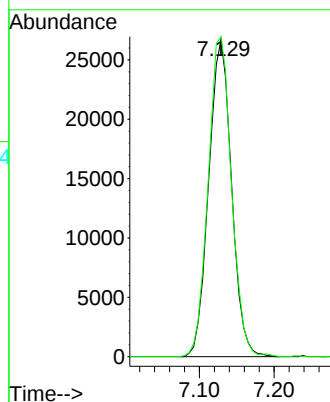
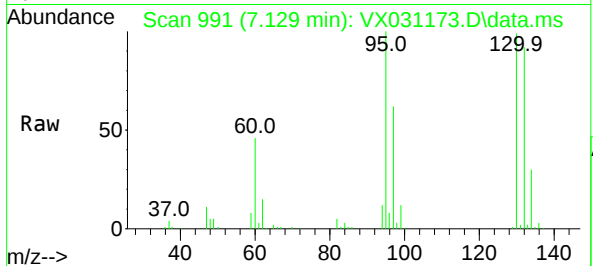




#44
Trichloroethene
Concen: 32.142 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

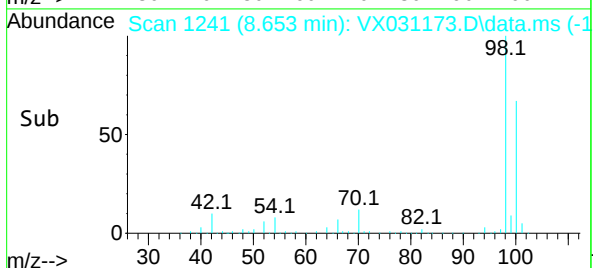
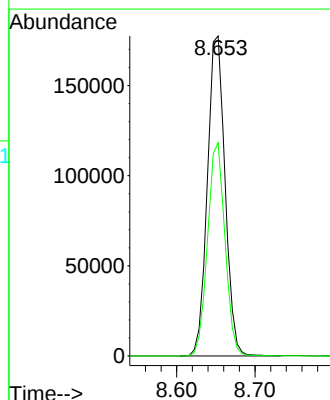
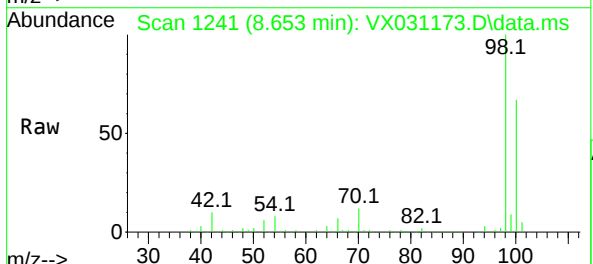
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823DL

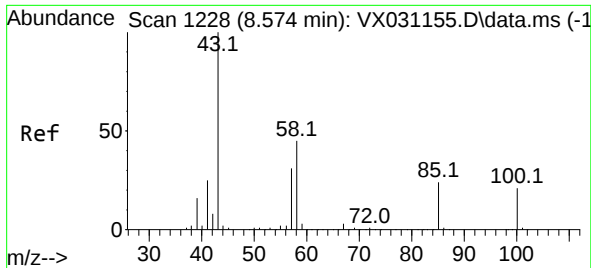
Tgt Ion:130 Resp: 56663
Ion Ratio Lower Upper
130 100
95 100.9 0.0 194.8



#50
Toluene-d8
Concen: 49.574 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Tgt Ion: 98 Resp: 277662
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

Instrument :

MSVOA_X

ClientSampleId :

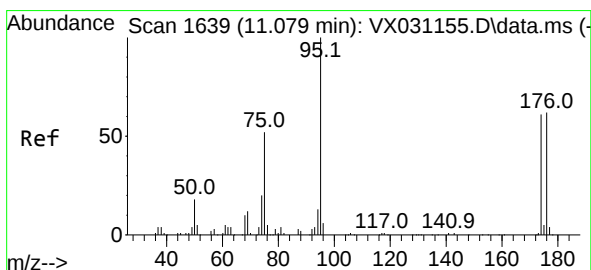
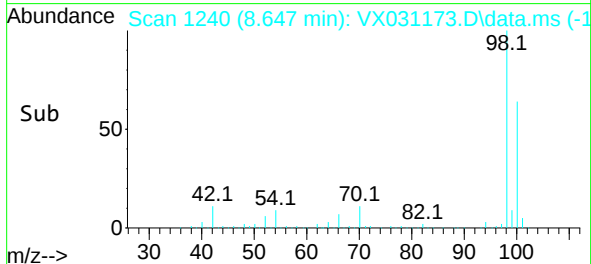
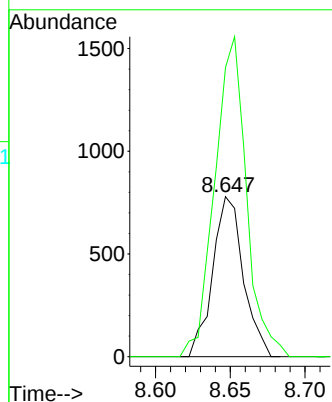
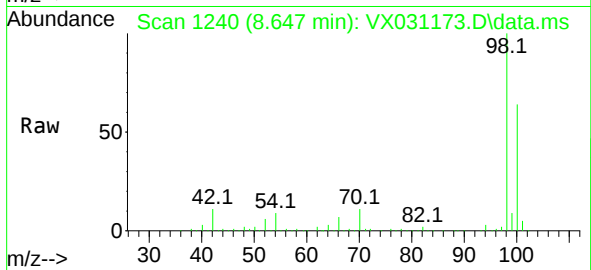
DUP07-20220823DL

Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

58 206.8 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 52.437 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031173.D

Acq: 07 Sep 2022 20:46

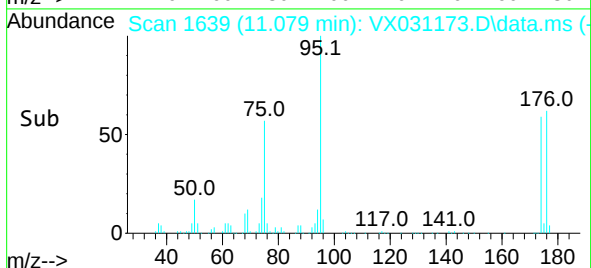
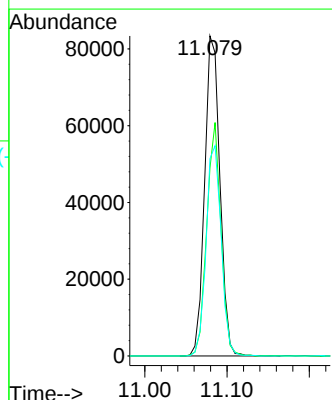
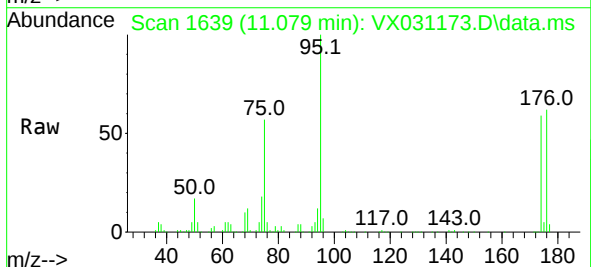
Tgt Ion: 95 Resp: 107631

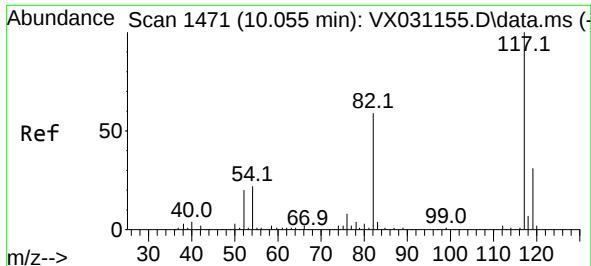
Ion Ratio Lower Upper

95 100

174 67.8 0.0 149.0

176 65.0 0.0 146.0

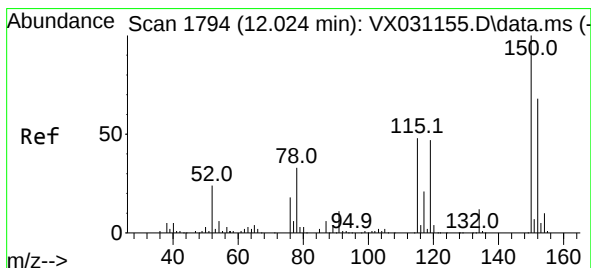
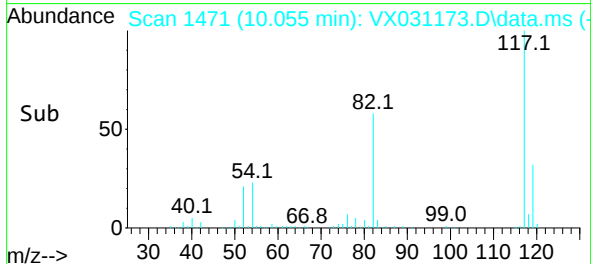
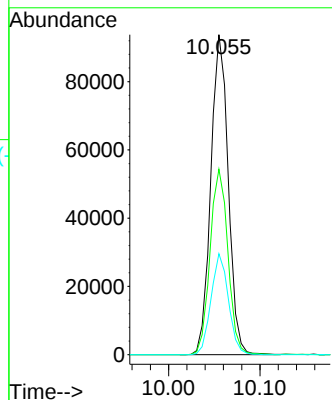
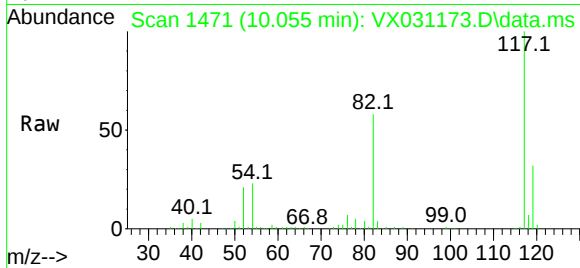




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

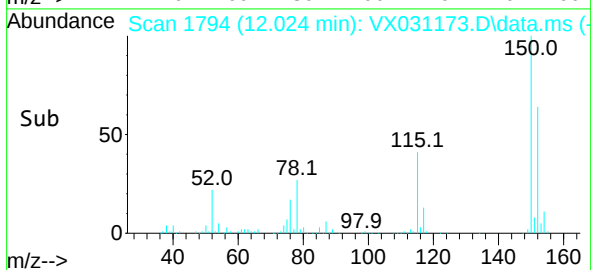
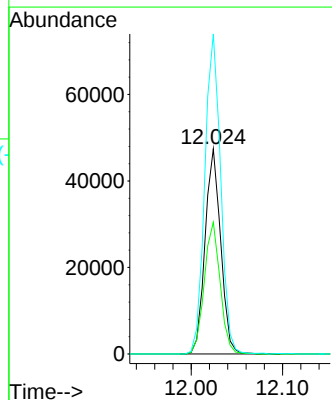
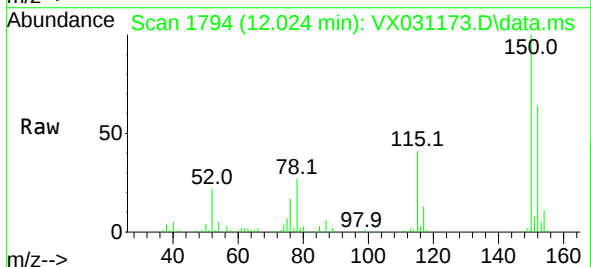
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823DL

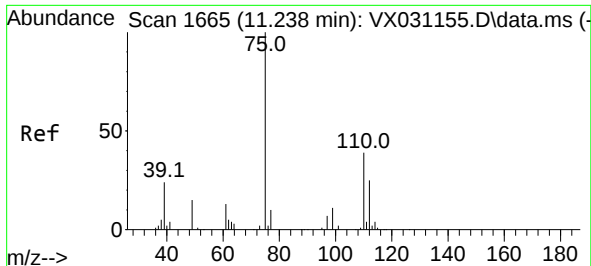
Tgt Ion:117 Resp: 123901
Ion Ratio Lower Upper
117 100
82 57.9 42.7 64.1
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Tgt Ion:152 Resp: 56137
Ion Ratio Lower Upper
152 100
115 65.2 40.5 121.5
150 158.1 0.0 347.0

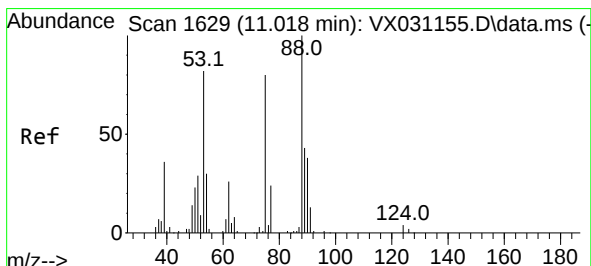
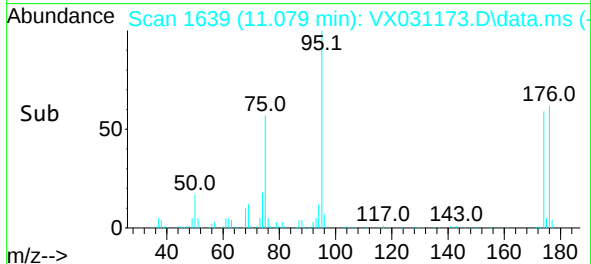
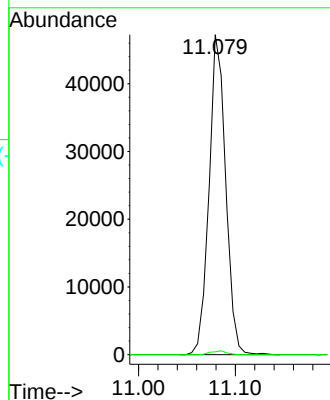
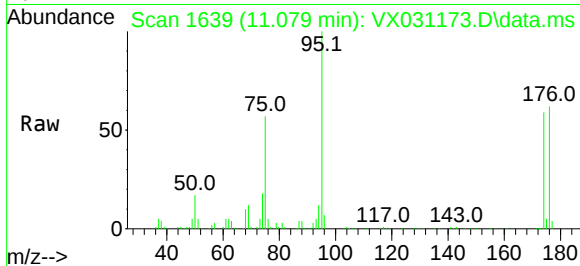




#76
1,2,3-Trichloropropane
Concen: 36.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823DL

Tgt Ion: 75 Resp: 56570
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031173.D
Acq: 07 Sep 2022 20:46

Tgt Ion: 75 Resp: 56570
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

