

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031195.D
 Acq On : 08 Sep 2022 06:51
 Operator : JC/MD
 Sample : N4446-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-Y

Quant Time: Sep 08 13:59:01 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)

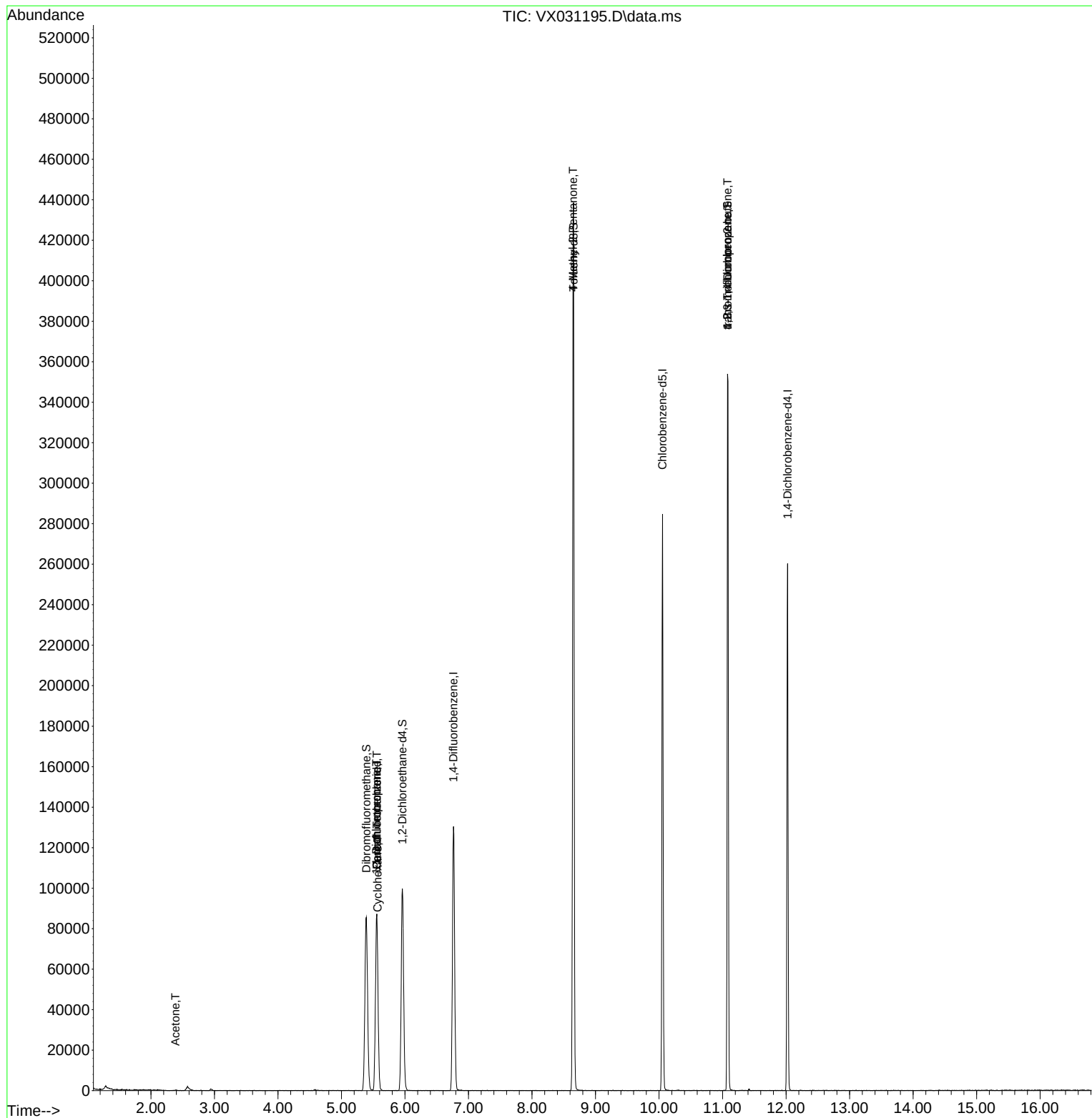
Internal Standards						
1) Pentafluorobenzene	5.556	168	68576	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107388	66.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 132.280%#	
35) Dibromofluoromethane	5.391	113	77357	55.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.440%	
50) Toluene-d8	8.653	98	260256	51.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	11.079	95	100675	54.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	47	Below Cal	#	74
16) Acetone	2.386	43	297	0.528	ug/l #	40
31) Cyclohexane	5.568	56	2073	1.143	ug/l #	59
36) 1,1-Dichloropropene	5.550	75	7402	3.560	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9403	4.299	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1077	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56899	41.786	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	56899	134.757	ug/l #	12

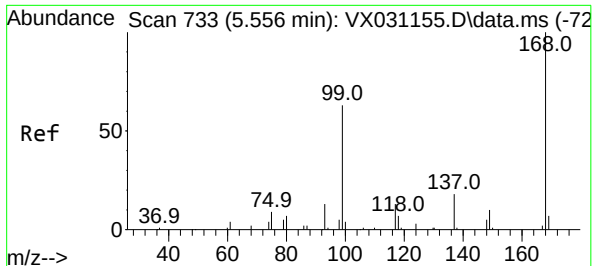
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DUP-Y

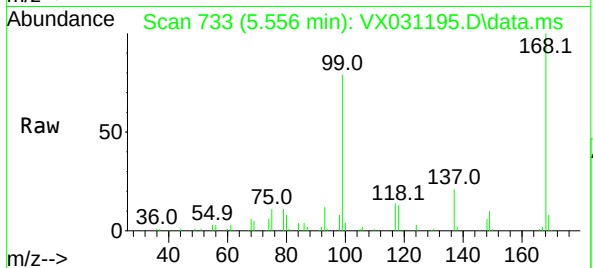
Quant Time: Sep 08 13:59:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



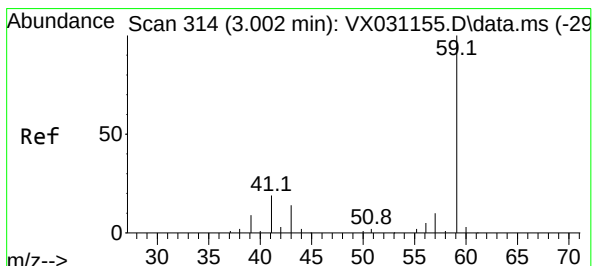
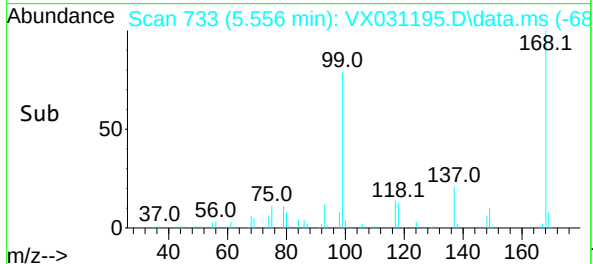
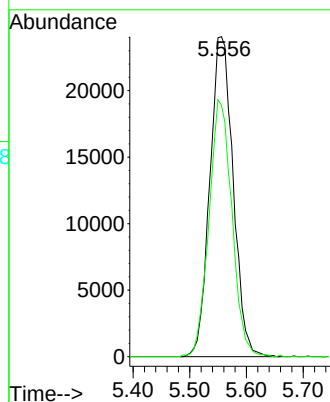


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-Y

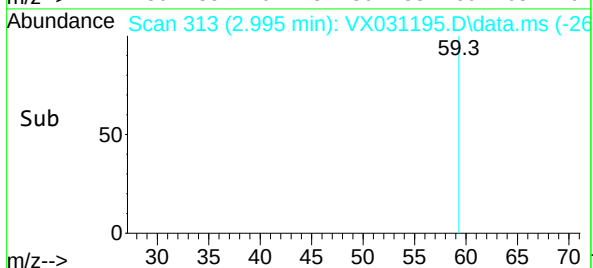
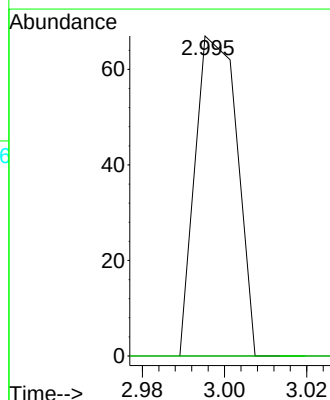
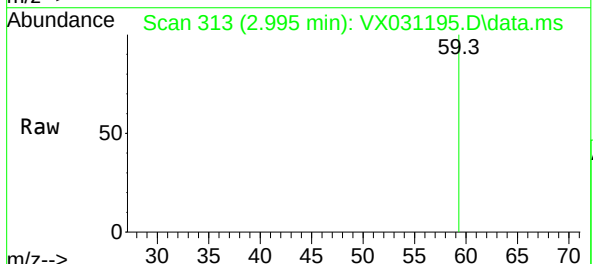


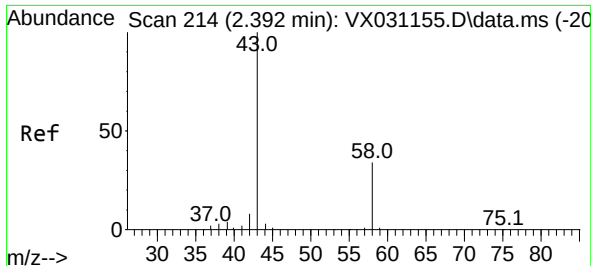
Tgt Ion:168 Resp: 68576
Ion Ratio Lower Upper
168 100
99 78.6 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.007 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

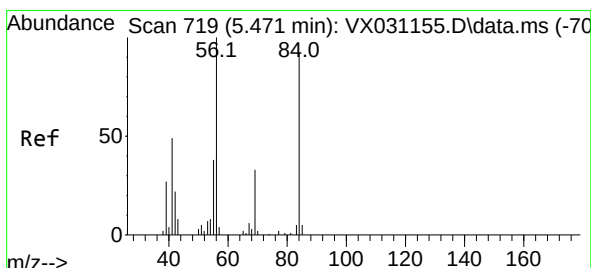
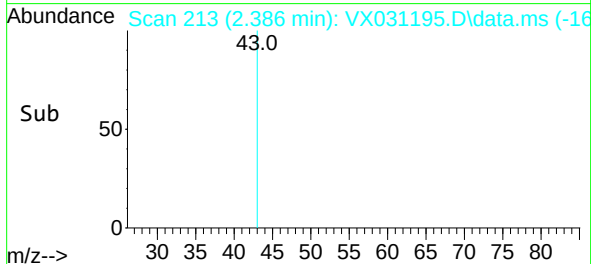
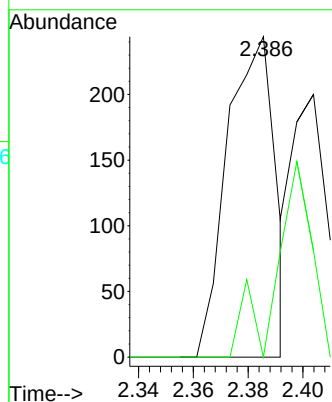
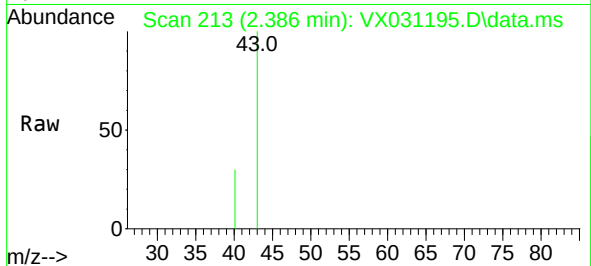




#16
Acetone
Concen: 0.528 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

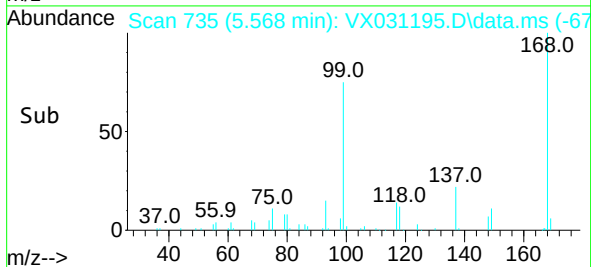
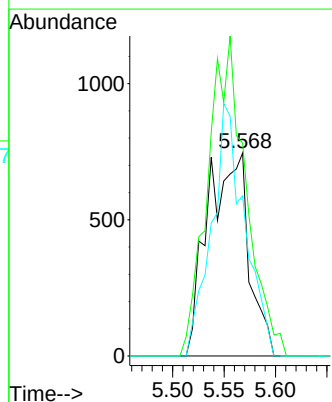
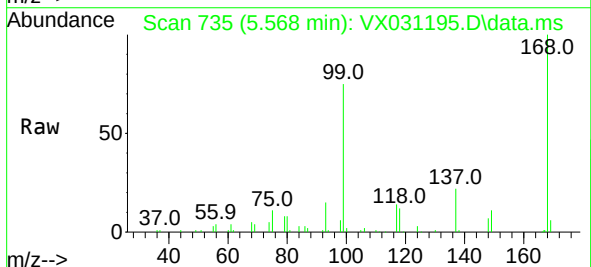
Instrument :
MSVOA_X
ClientSampleId :
DUP-Y

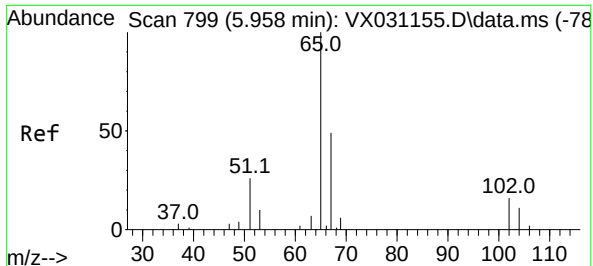
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.097 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

Tgt Ion: 56 Resp: 2073
Ion Ratio Lower Upper
56 100
69 105.0 25.4 38.0#
84 78.9 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 66.143 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031195.D

Acq: 08 Sep 2022 06:51

Instrument :

MSVOA_X

ClientSampleId :

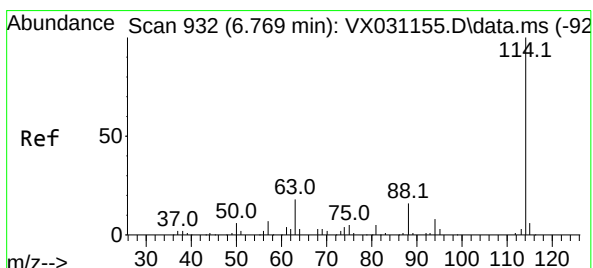
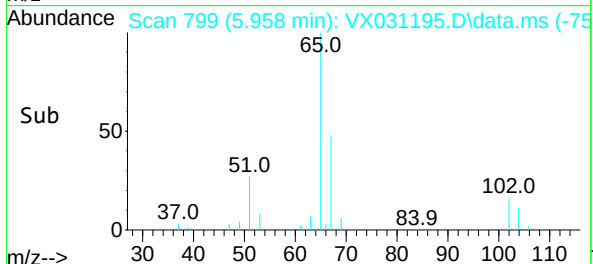
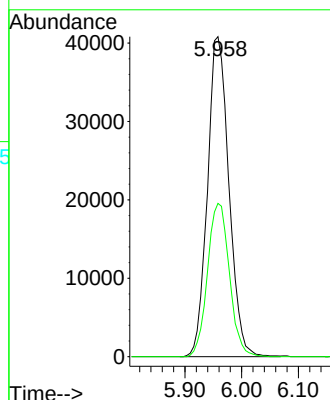
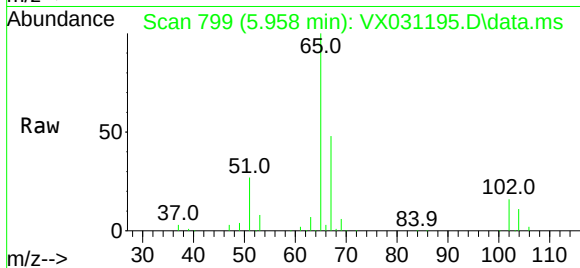
DUP-Y

Tgt Ion: 65 Resp: 107388

Ion Ratio Lower Upper

65 100

67 48.8 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: VX031195.D

Acq: 08 Sep 2022 06:51

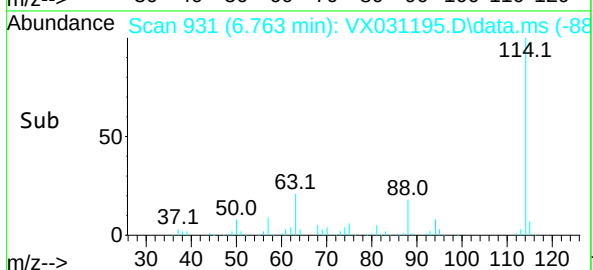
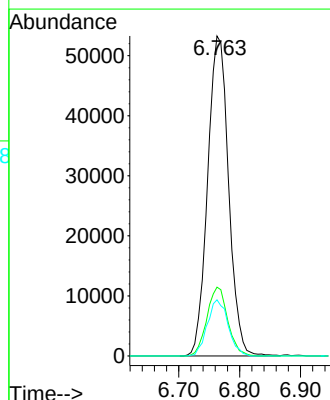
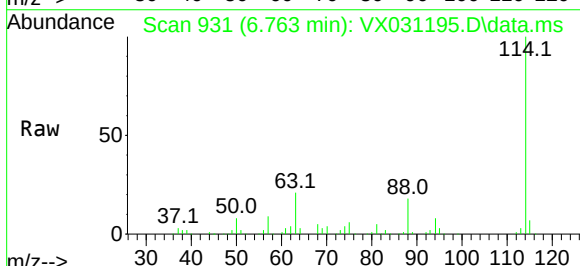
Tgt Ion: 114 Resp: 127395

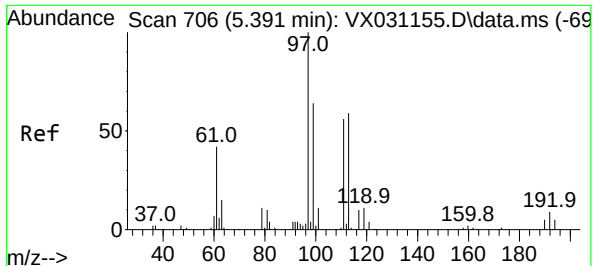
Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.4

88 17.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.722 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031195.D

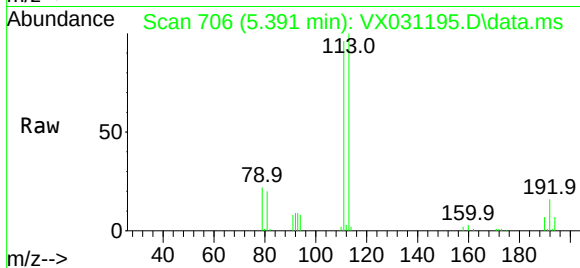
Acq: 08 Sep 2022 06:51

Instrument :

MSVOA_X

ClientSampleId :

DUP-Y



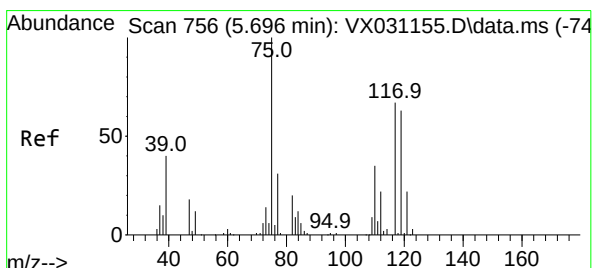
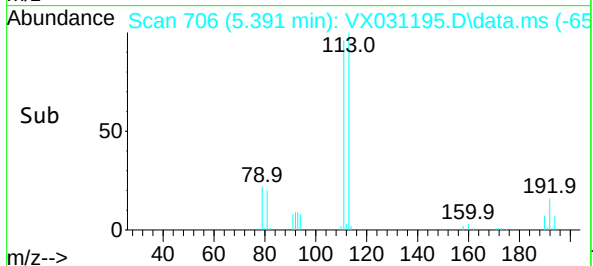
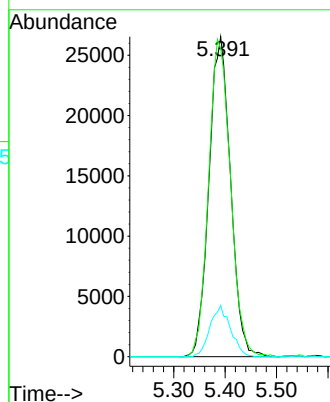
Tgt Ion:113 Resp: 77357

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 15.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.560 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX031195.D

Acq: 08 Sep 2022 06:51

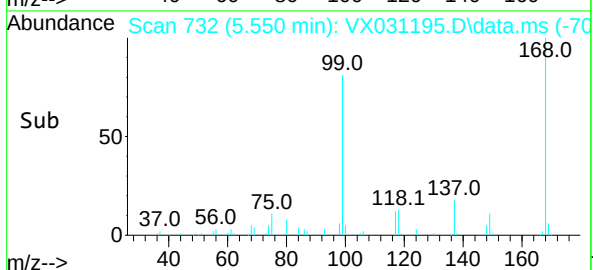
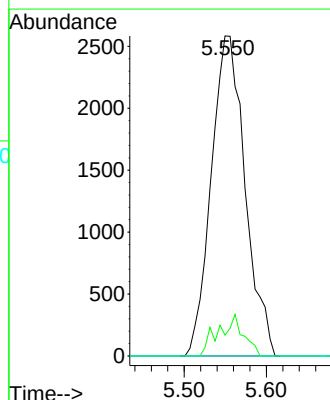
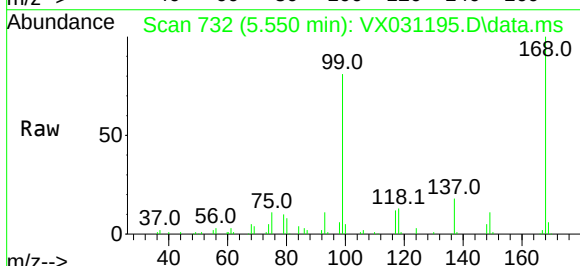
Tgt Ion: 75 Resp: 7402

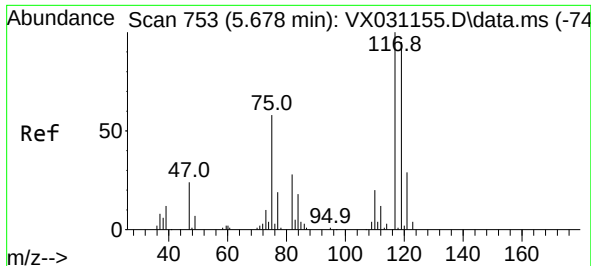
Ion Ratio Lower Upper

75 100

110 9.5 19.3 57.9#

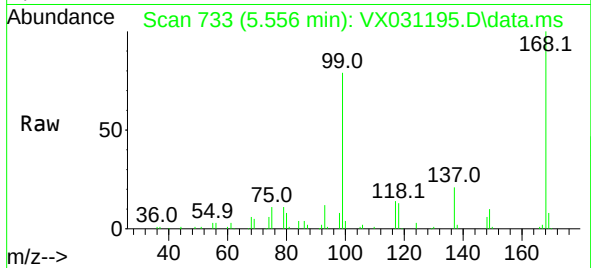
77 0.0 24.4 36.6#



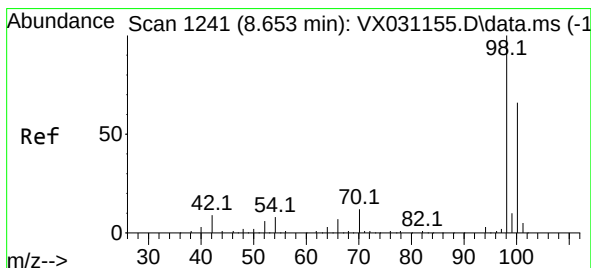
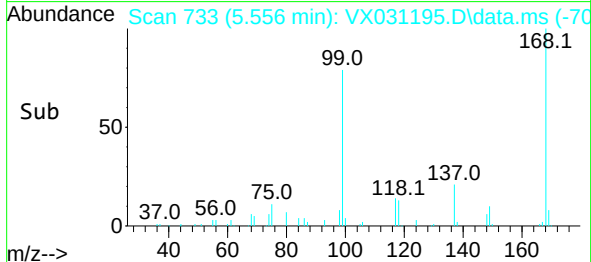
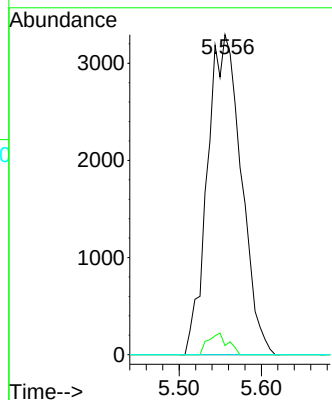


#38
Carbon Tetrachloride
Concen: 4.299 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-Y

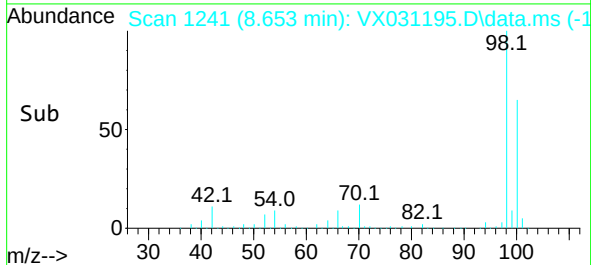
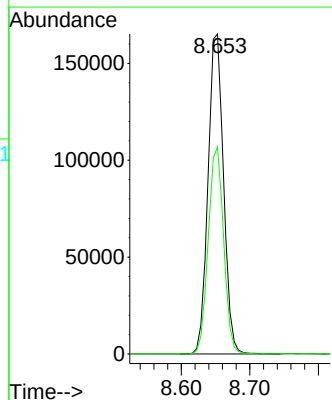
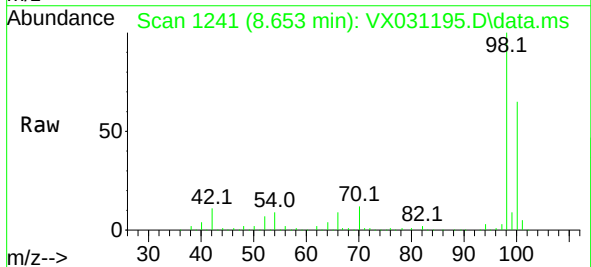


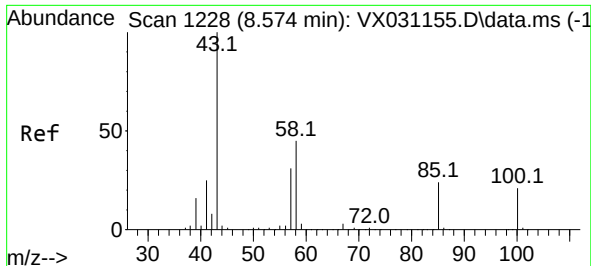
Tgt Ion:117 Resp: 9403
Ion Ratio Lower Upper
117 100
119 2.8 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 51.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

Tgt Ion: 98 Resp: 260256
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.605 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031195.D

Acq: 08 Sep 2022 06:51

Instrument :

MSVOA_X

ClientSampleId :

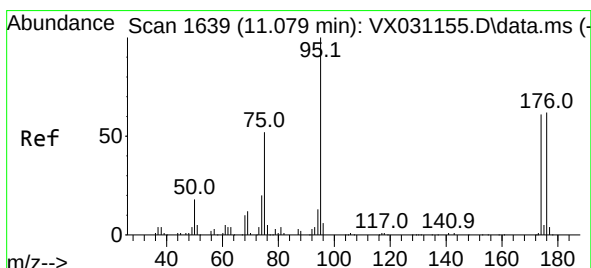
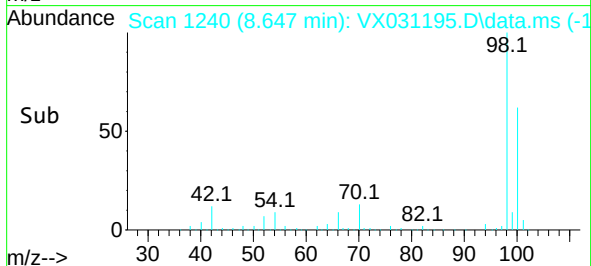
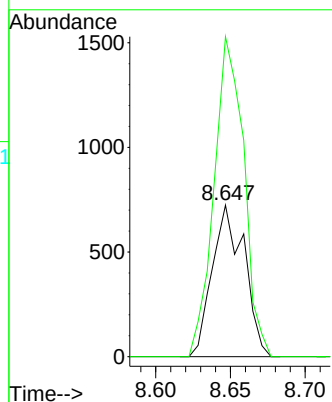
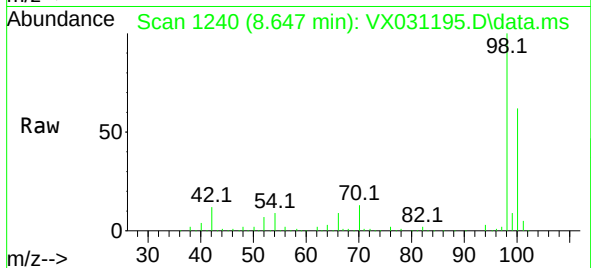
DUP-Y

Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

43 100

58 196.6 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 54.466 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031195.D

Acq: 08 Sep 2022 06:51

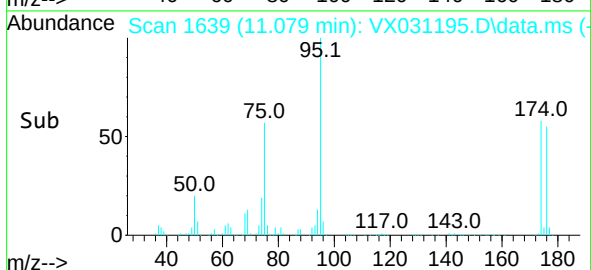
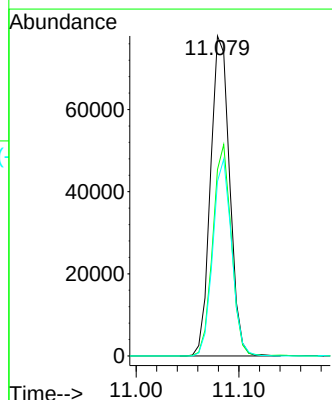
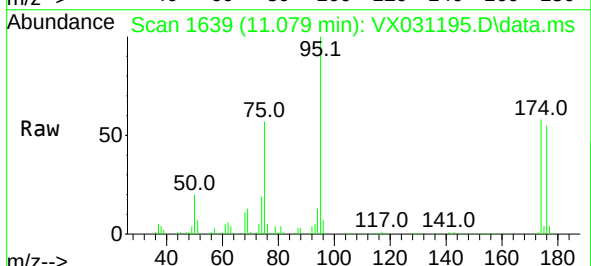
Tgt Ion: 95 Resp: 100675

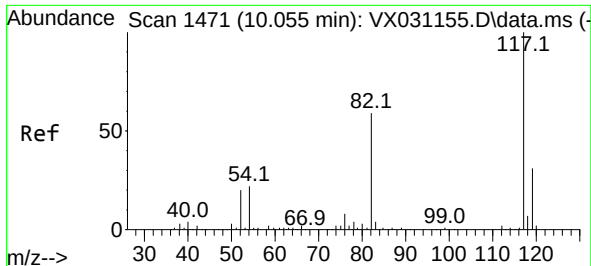
Ion Ratio Lower Upper

95 100

174 63.8 0.0 149.0

176 60.3 0.0 146.0

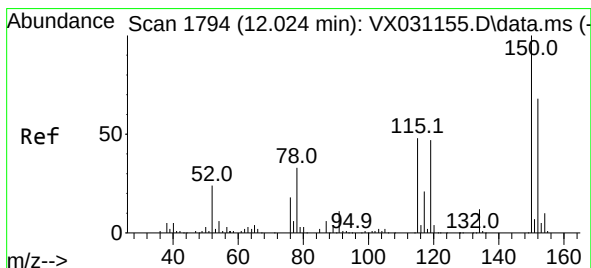
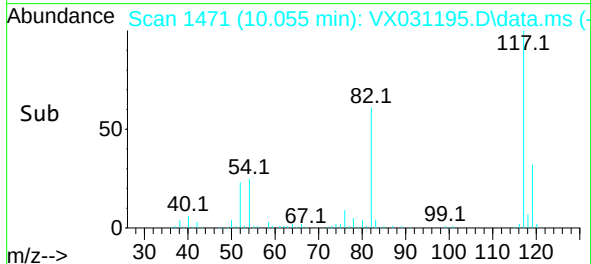
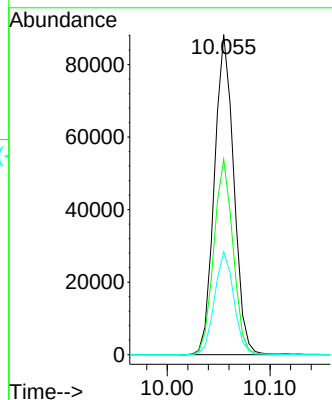
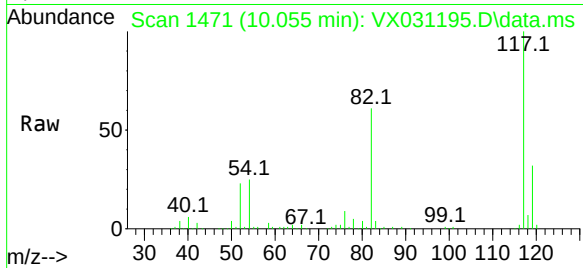




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

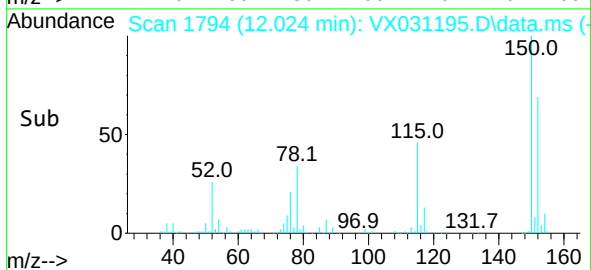
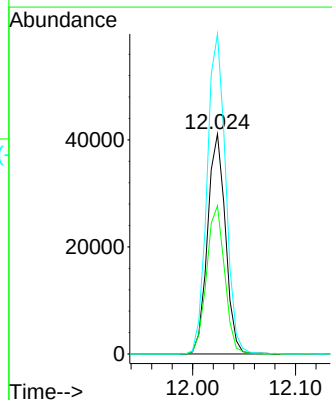
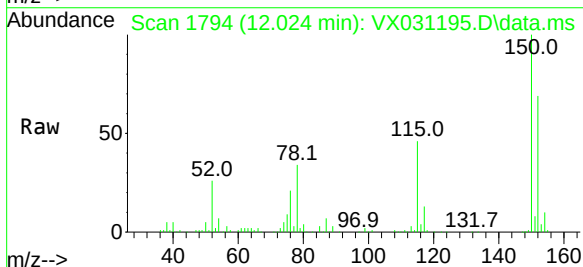
Instrument :
MSVOA_X
ClientSampleId :
DUP-Y

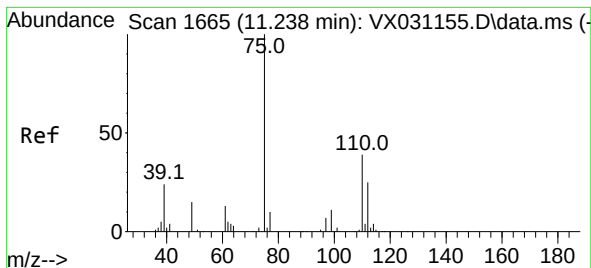
Tgt Ion:117 Resp: 115537
Ion Ratio Lower Upper
117 100
82 61.0 42.7 64.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031195.D
Acq: 08 Sep 2022 06:51

Tgt Ion:152 Resp: 49893
Ion Ratio Lower Upper
152 100
115 68.1 40.5 121.5
150 150.5 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 41.786 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031195.D

Acq: 08 Sep 2022 06:51

Instrument :

MSVOA_X

ClientSampleId :

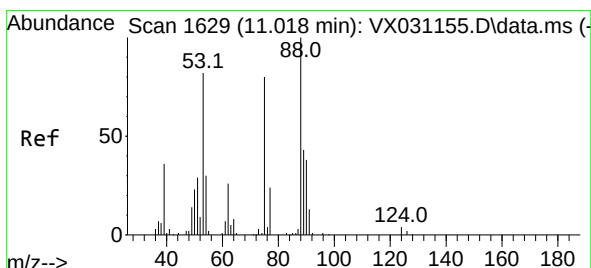
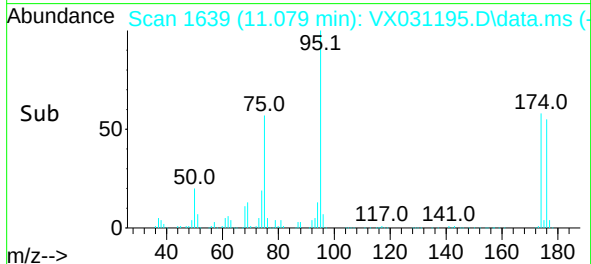
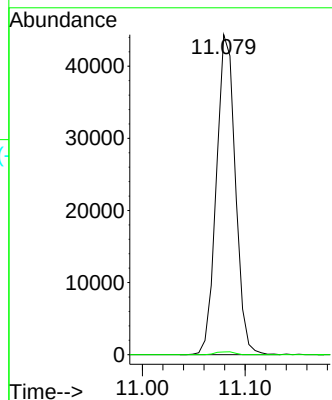
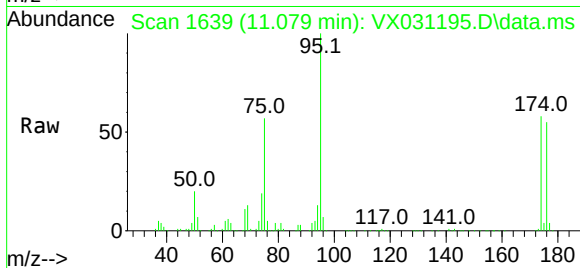
DUP-Y

Tgt Ion: 75 Resp: 56899

Ion Ratio Lower Upper

75 100

77 0.9 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.757 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031195.D

Acq: 08 Sep 2022 06:51

Tgt Ion: 75 Resp: 56899

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

