

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031165.D
 Acq On : 07 Sep 2022 17:39
 Operator : JC/MD
 Sample : N4357-18DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823DL

Quant Time: Sep 07 23:26:07 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)

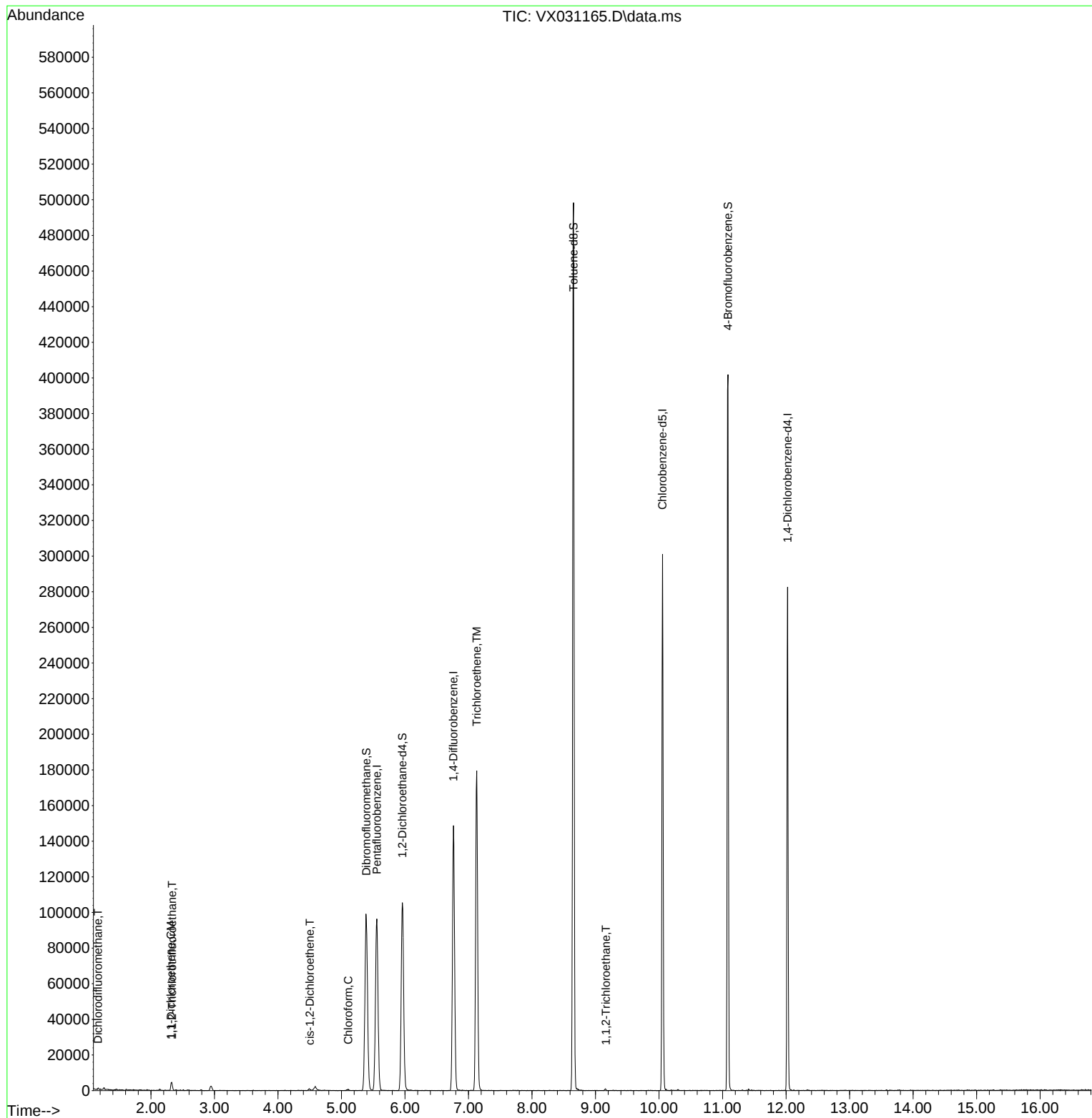
Internal Standards						
1) Pentafluorobenzene	5.556	168	84250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	150300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112065	56.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.360%	
35) Dibromofluoromethane	5.391	113	87497	53.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.840%	
50) Toluene-d8	8.653	98	304665	51.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.085	95	114062	52.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	440	0.325	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1228	0.811	ug/l	89
12) 1,1-Dichloroethene	2.313	96	668	0.470	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	665	0.368	ug/l	76
30) Chloroform	5.105	83	874	0.278	ug/l	96
44) Trichloroethene	7.129	130	70207	37.484	ug/l	92
55) 1,1,2-Trichloroethane	9.165	97	467	0.258	ug/l #	27

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

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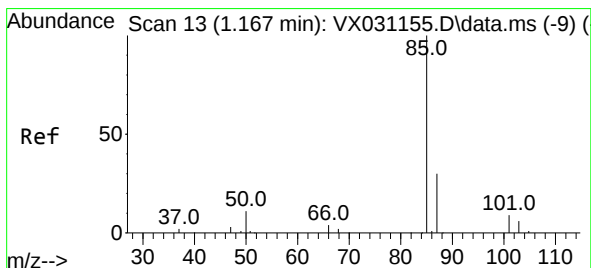
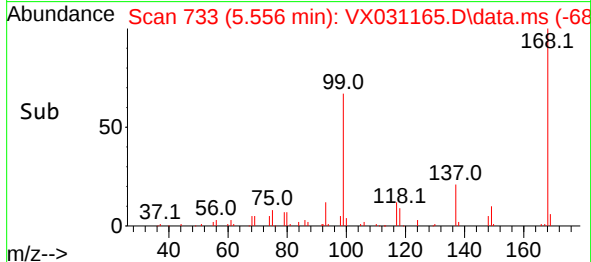
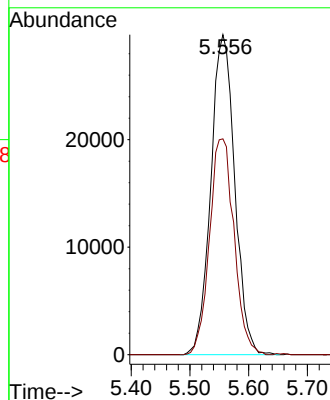
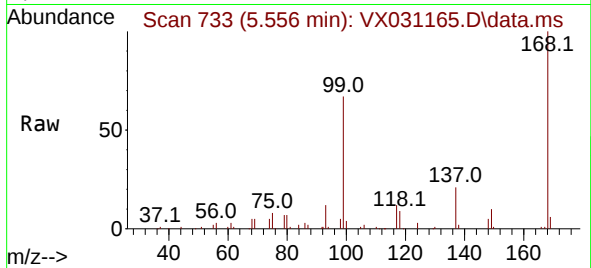




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

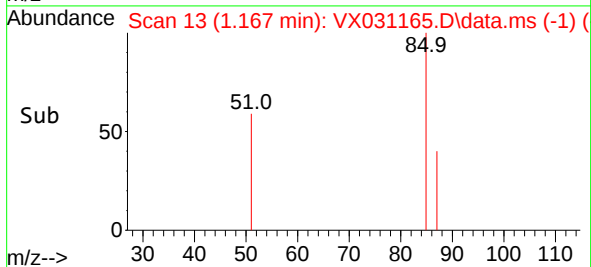
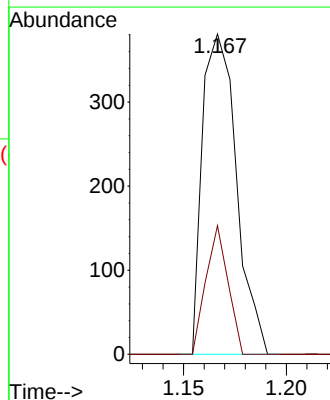
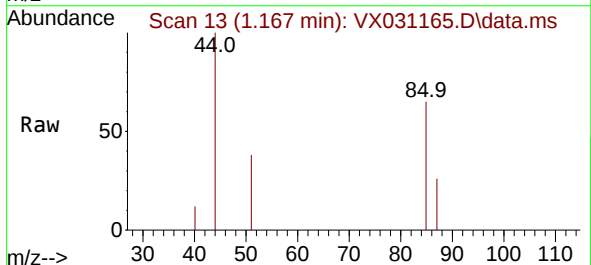
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20220823DL

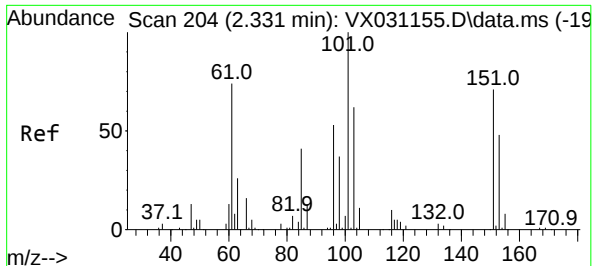
Tgt Ion:168 Resp: 84250
Ion Ratio Lower Upper
168 100
99 67.4 44.0 66.0#



#2
Dichlorodifluoromethane
Concen: 0.325 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 85 Resp: 440
Ion Ratio Lower Upper
85 100
87 40.2 16.5 49.5

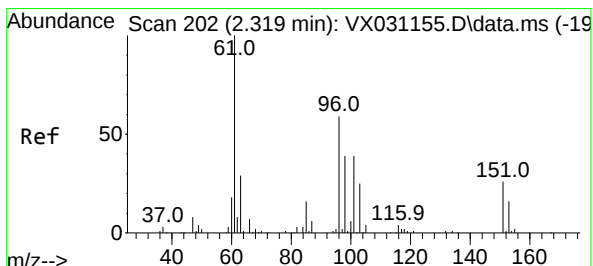
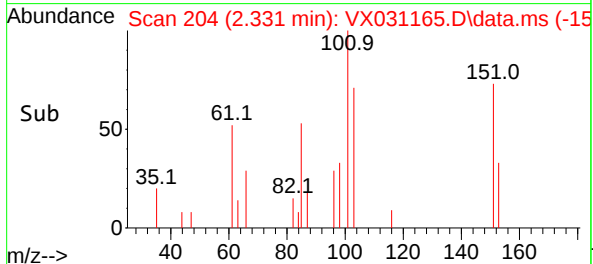
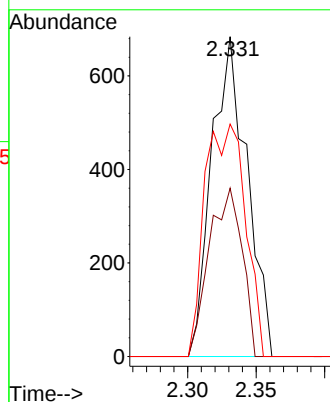
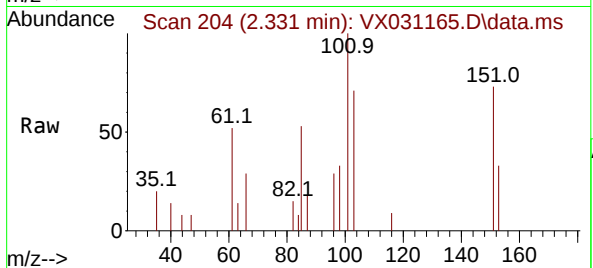




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.811 ug/l
RT: 2.331 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

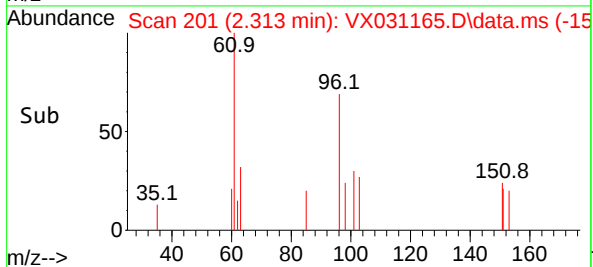
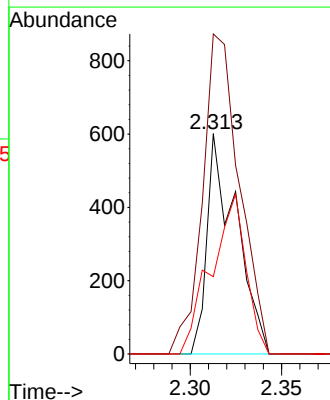
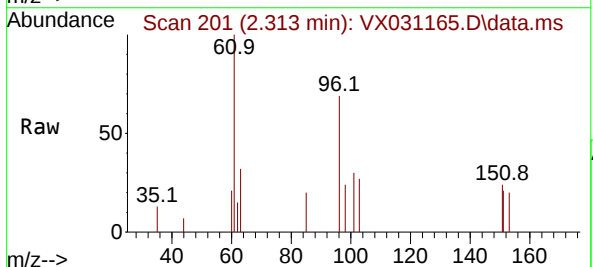
Instrument :
MSVOA_X
ClientSampleId :
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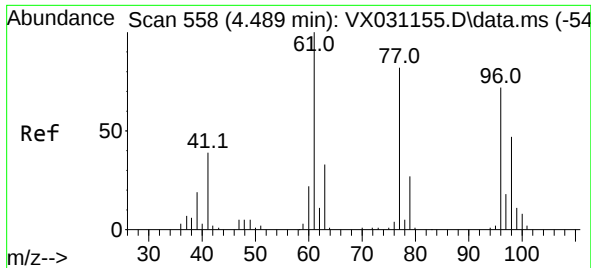
Tgt Ion:101 Resp: 1228
Ion Ratio Lower Upper
101 100
85 48.9 34.0 51.0
151 83.6 59.4 89.0



#12
1,1-Dichloroethene
Concen: 0.470 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 96 Resp: 668
Ion Ratio Lower Upper
96 100
61 145.3 117.4 176.0
98 35.1 52.2 78.4#

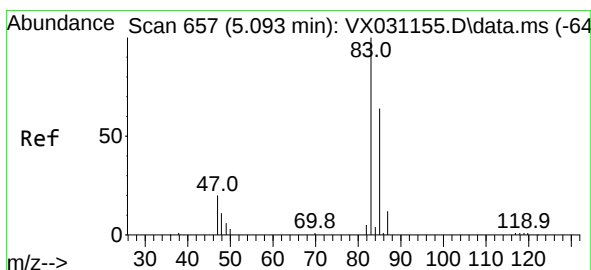
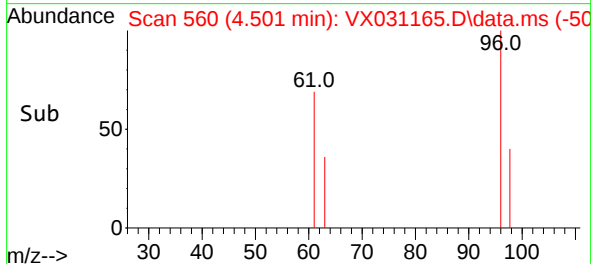
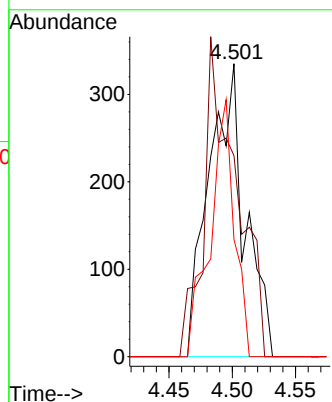
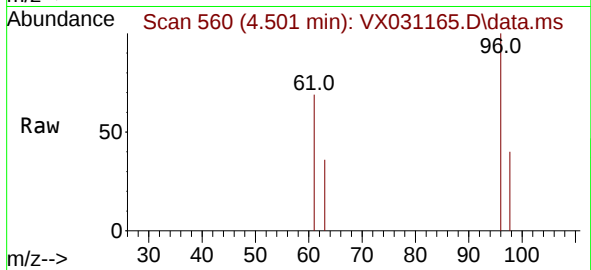




#27
 cis-1,2-Dichloroethene
 Concen: 0.368 ug/l
 RT: 4.501 min Scan# 50
 Delta R.T. 0.012 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

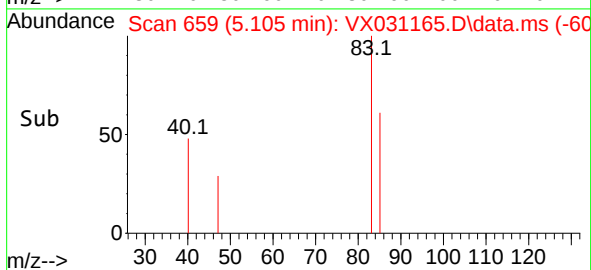
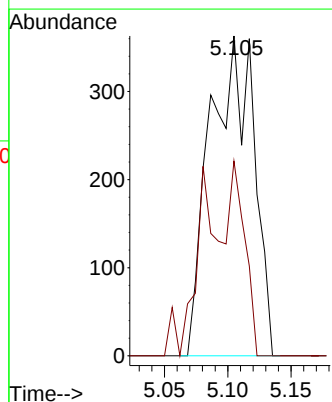
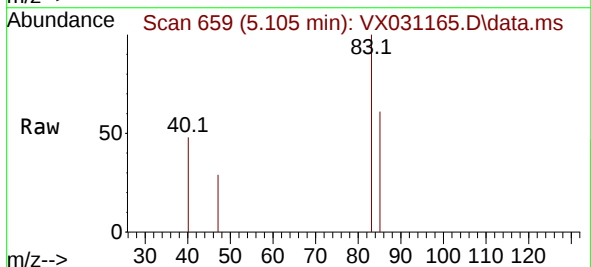
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20220823DL

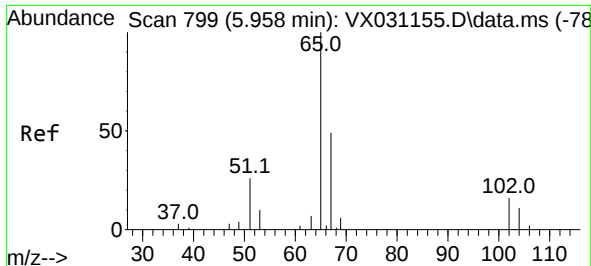
Tgt Ion: 96 Resp: 665
 Ion Ratio Lower Upper
 96 100
 61 97.1 0.0 270.0
 98 58.9 0.0 127.8



#30
 Chloroform
 Concen: 0.278 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.012 min
 Lab File: VX031165.D
 Acq: 07 Sep 2022 17:39

Tgt Ion: 83 Resp: 874
 Ion Ratio Lower Upper
 83 100
 85 60.9 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 56.182 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

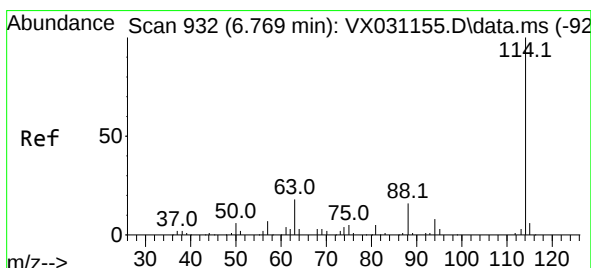
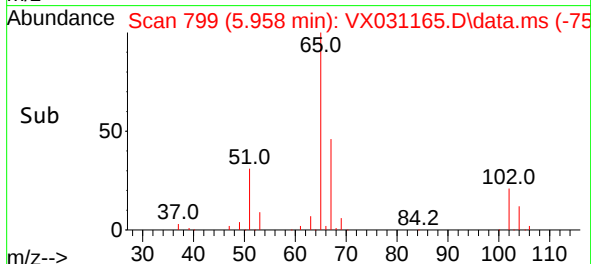
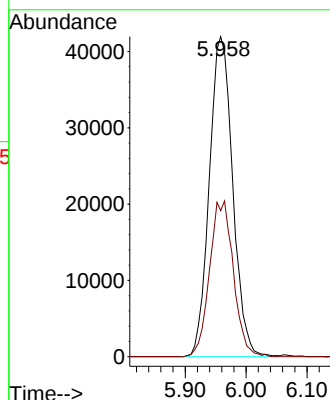
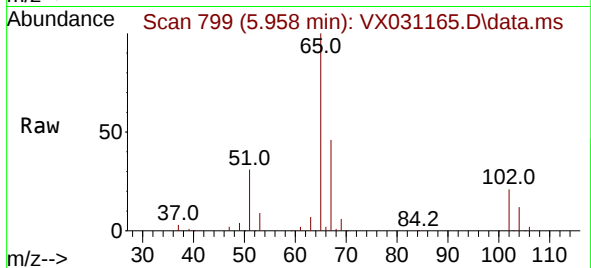
TT180D1-20220823DL

Tgt Ion: 65 Resp: 112065

Ion Ratio Lower Upper

65 100

67 49.5 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: VX031165.D

Acq: 07 Sep 2022 17:39

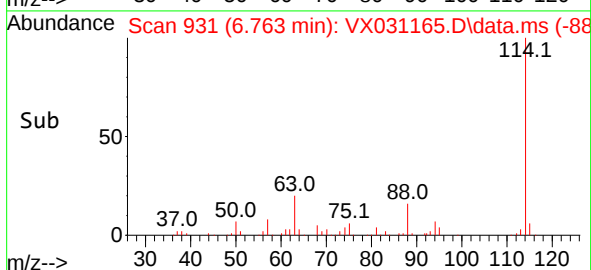
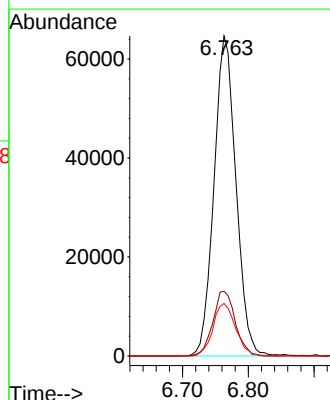
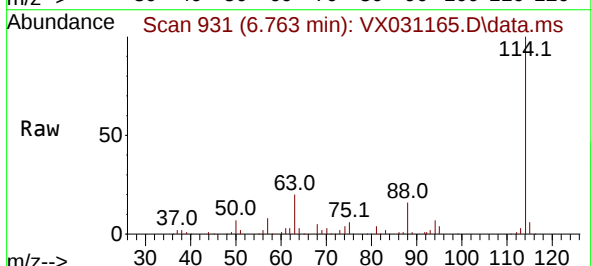
Tgt Ion: 114 Resp: 150300

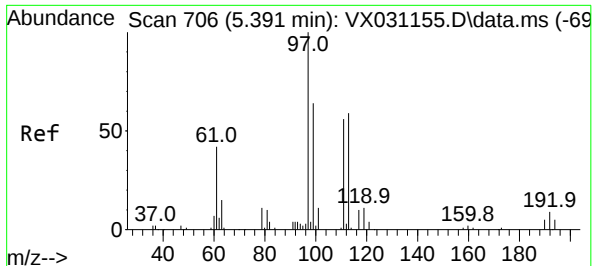
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.421 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031165.D

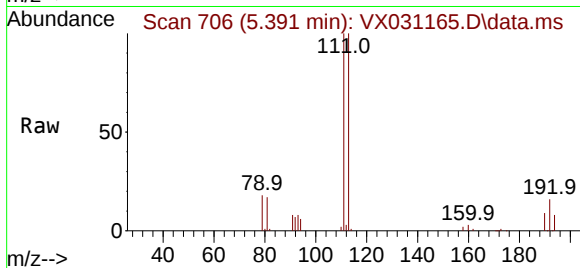
Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

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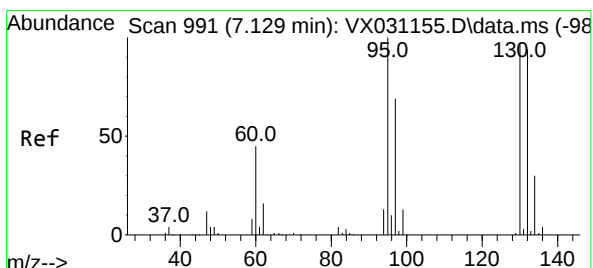
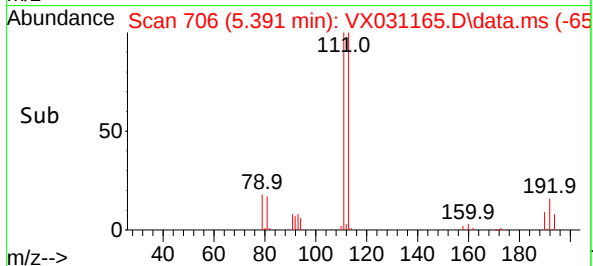
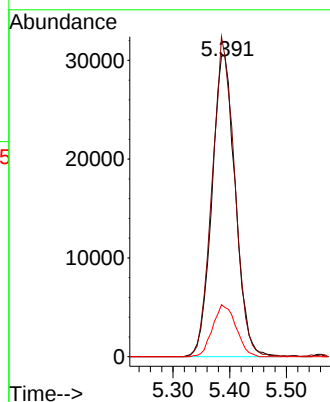
Tgt Ion:113 Resp: 87497

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 17.2 14.8 22.2



#44

Trichloroethene

Concen: 37.484 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031165.D

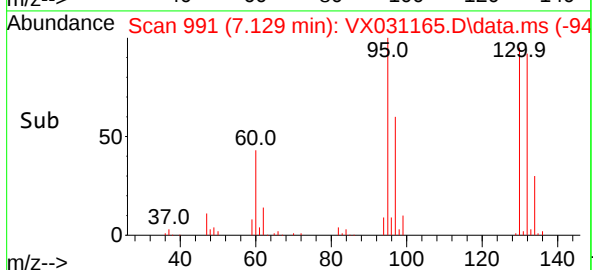
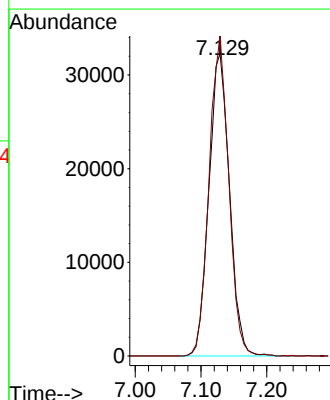
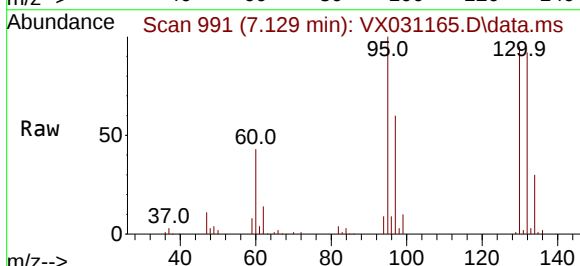
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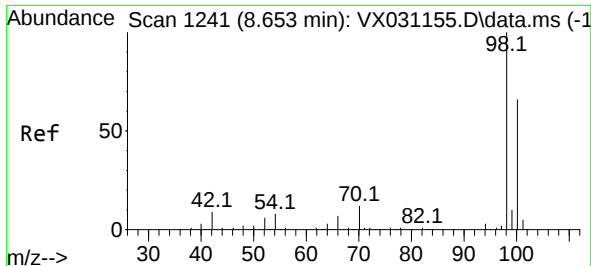
Tgt Ion:130 Resp: 70207

Ion Ratio Lower Upper

130 100

95 105.7 0.0 194.8

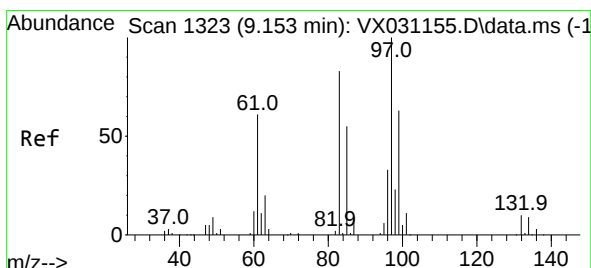
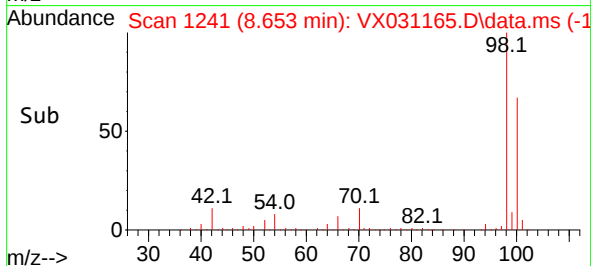
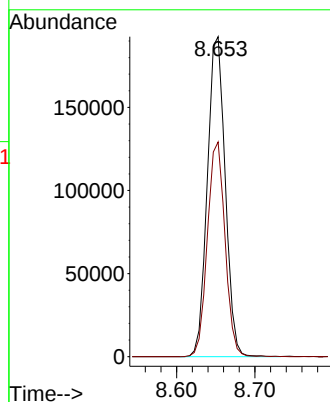
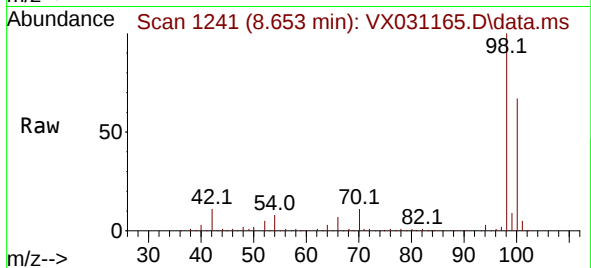




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

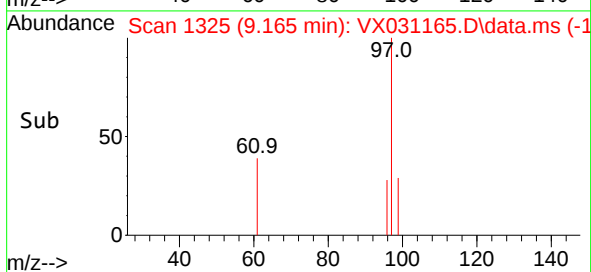
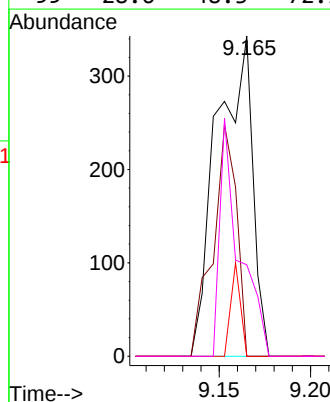
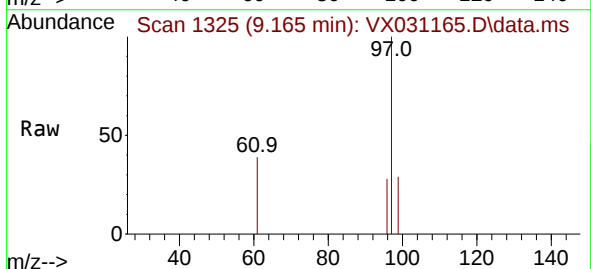
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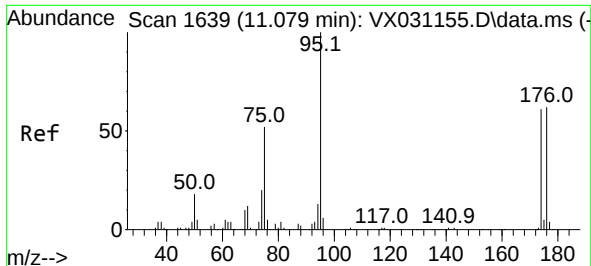
Tgt Ion: 98 Resp: 304665
Ion Ratio Lower Upper
98 100
100 66.3 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 0.258 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX031165.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 97 Resp: 467
Ion Ratio Lower Upper
97 100
83 0.0 68.9 103.3#
85 0.0 44.0 66.0#
99 28.6 48.3 72.5#





#62

4-Bromofluorobenzene

Concen: 52.304 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031165.D

Acq: 07 Sep 2022 17:39

Instrument :

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ClientSampleId :

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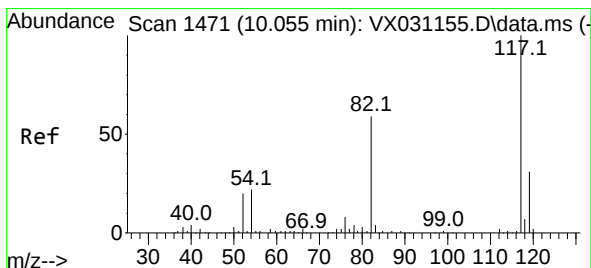
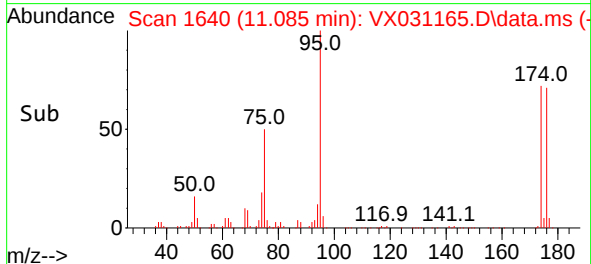
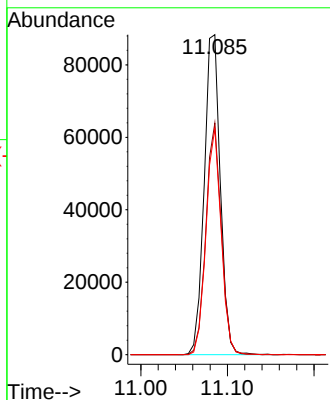
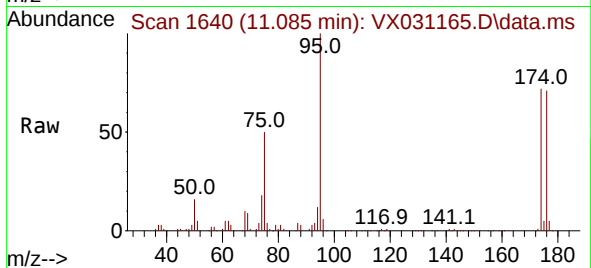
Tgt Ion: 95 Resp: 114062

Ion Ratio Lower Upper

95 100

174 69.2 0.0 149.0

176 66.4 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: VX031165.D

Acq: 07 Sep 2022 17:39

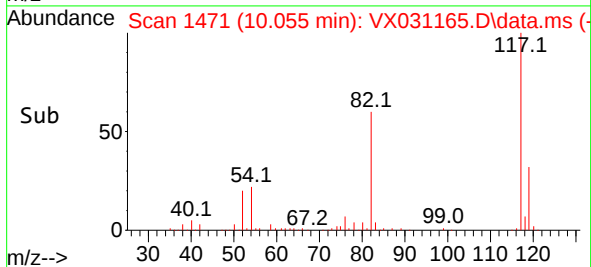
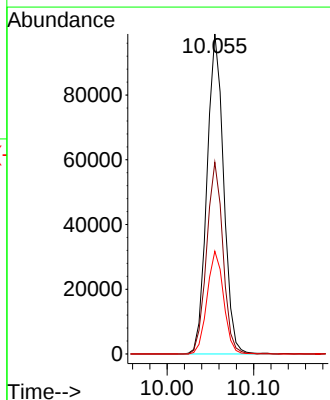
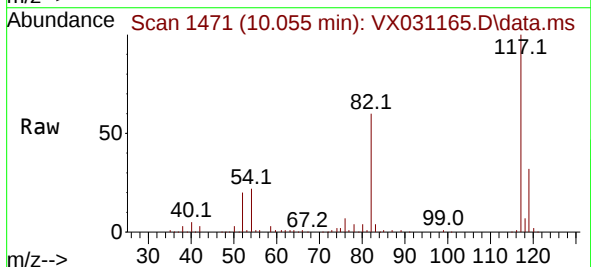
Tgt Ion: 117 Resp: 132022

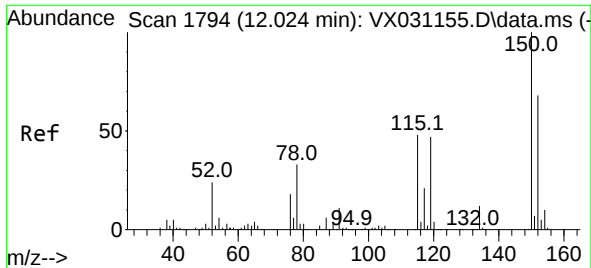
Ion Ratio Lower Upper

117 100

82 59.9 42.7 64.1

119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031165.D

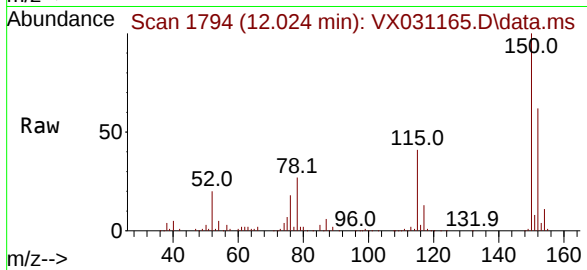
Acq: 07 Sep 2022 17:39

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Tgt Ion:152 Resp: 55863

Ion Ratio Lower Upper

152 100

115 66.9 40.5 121.5

150 158.0 0.0 347.0

