

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031175.D
 Acq On : 07 Sep 2022 21:33
 Operator : JC/MD
 Sample : N4357-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220823RE

Quant Time: Sep 07 23:27:29 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)

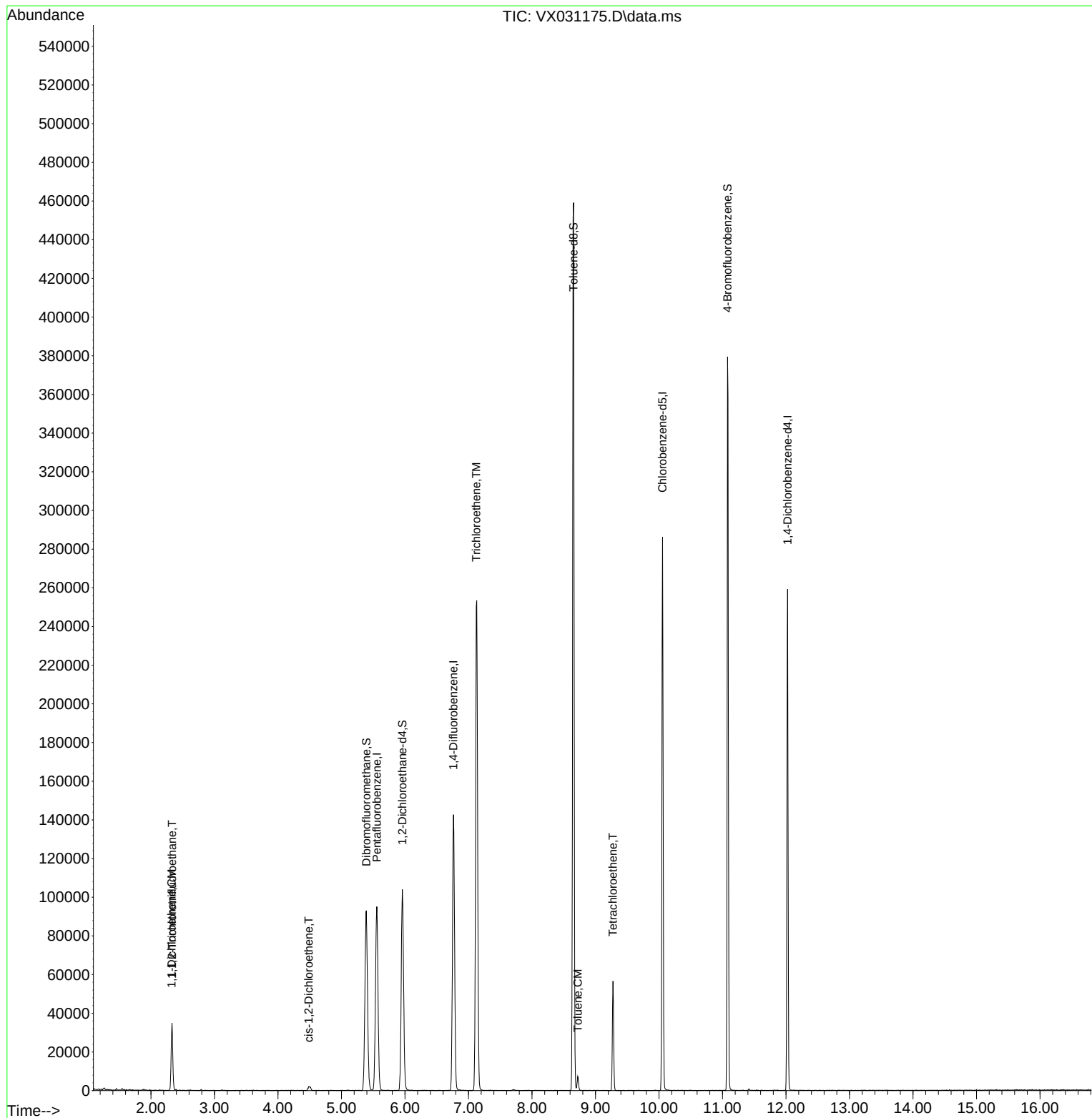
Internal Standards						
1) Pentafluorobenzene	5.556	168	81653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106751	55.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.440%	
35) Dibromofluoromethane	5.391	113	82274	52.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	281357	49.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	11.079	95	107854	51.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.900%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	13485	9.194	ug/l	100
12) 1,1-Dichloroethene	2.325	96	379	0.275	ug/l	# 45
27) cis-1,2-Dichloroethene	4.483	96	1746	0.996	ug/l	86
44) Trichloroethene	7.123	130	99014	54.992	ug/l	94
52) Toluene	8.720	92	2773	0.656	ug/l	86
64) Tetrachloroethene	9.275	164	9019	6.879	ug/l	# 87

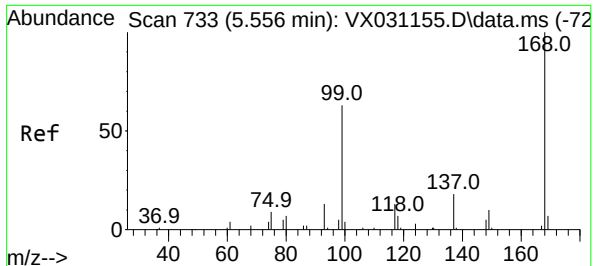
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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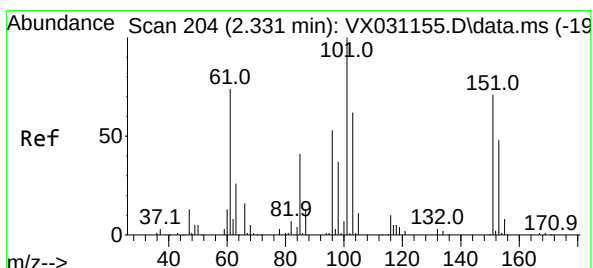
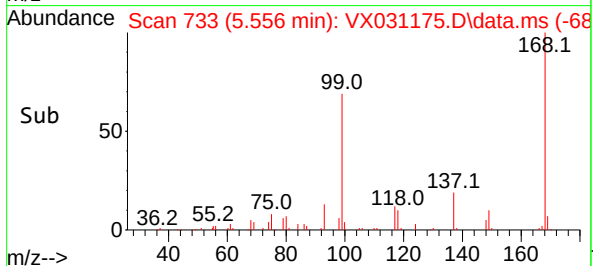
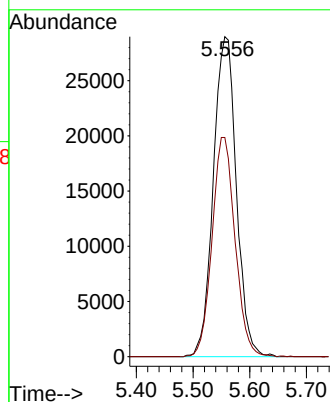
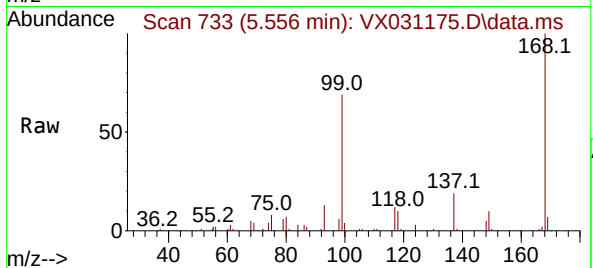




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

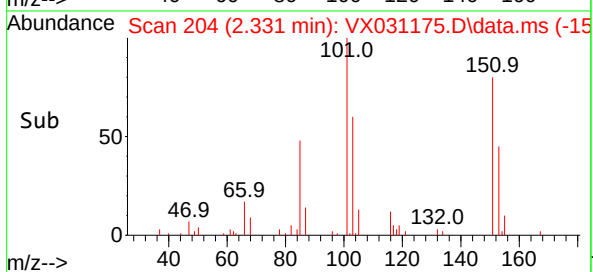
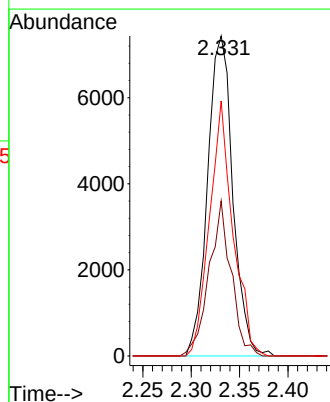
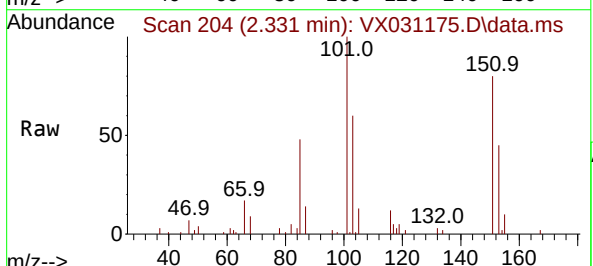
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

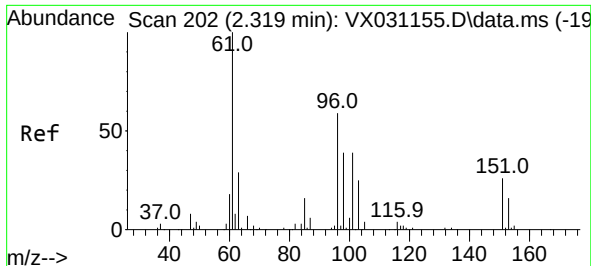
Tgt Ion:168 Resp: 81653
Ion Ratio Lower Upper
168 100
99 68.5 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.194 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion:101 Resp: 13485
Ion Ratio Lower Upper
101 100
85 42.5 34.0 51.0
151 74.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.275 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031175.D

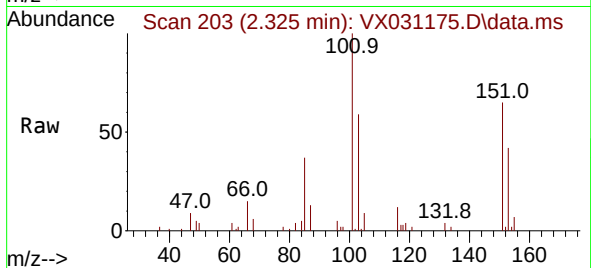
Acq: 07 Sep 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823RE



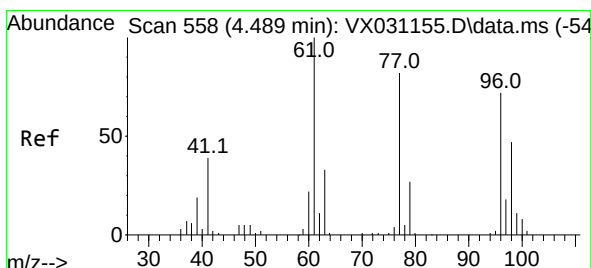
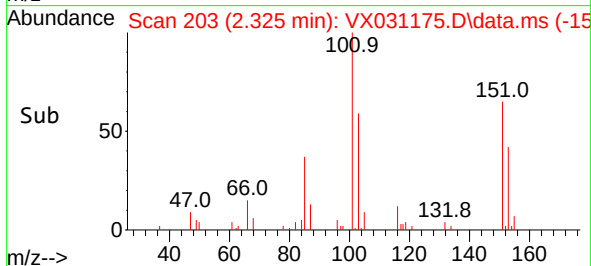
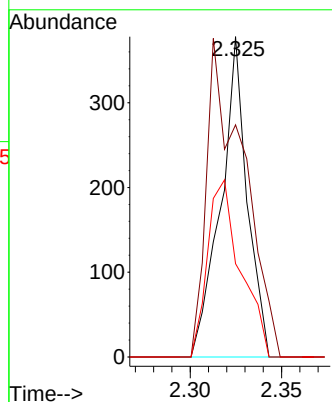
Tgt Ion: 96 Resp: 379

Ion Ratio Lower Upper

96 100

61 72.5 117.4 176.0#

98 29.1 52.2 78.4#



#27

cis-1,2-Dichloroethene

Concen: 0.996 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

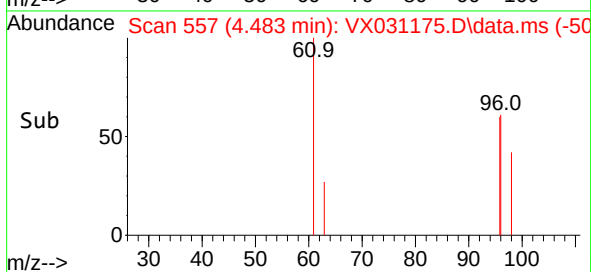
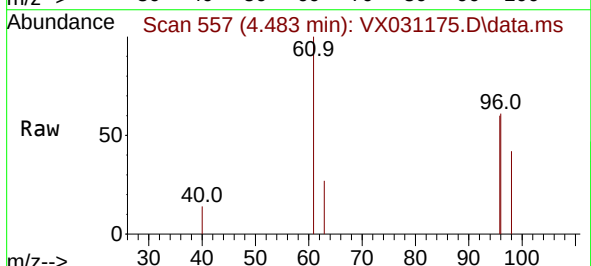
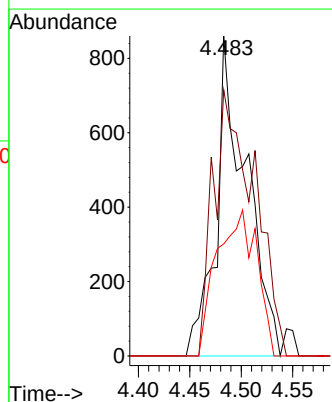
Tgt Ion: 96 Resp: 1746

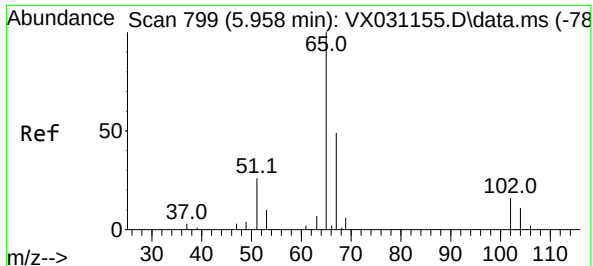
Ion Ratio Lower Upper

96 100

61 112.8 0.0 270.0

98 60.8 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 55.221 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

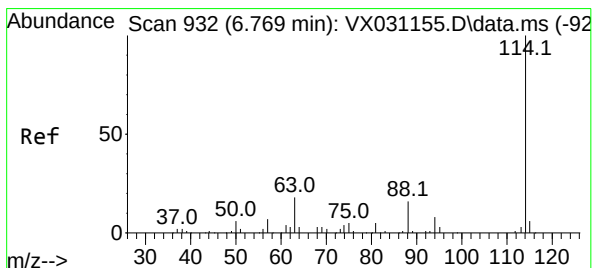
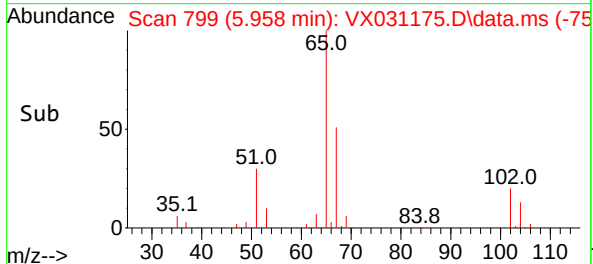
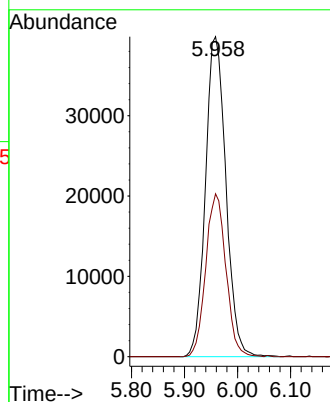
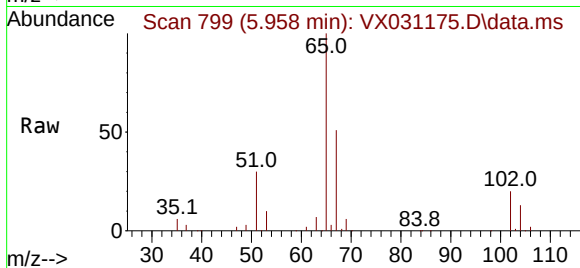
RE134D2-20220823RE

Tgt Ion: 65 Resp: 106751

Ion Ratio Lower Upper

65 100

67 50.1 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: VX031175.D

Acq: 07 Sep 2022 21:33

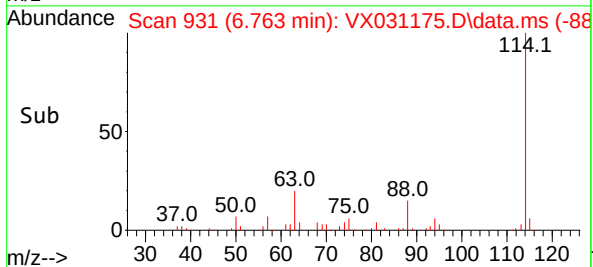
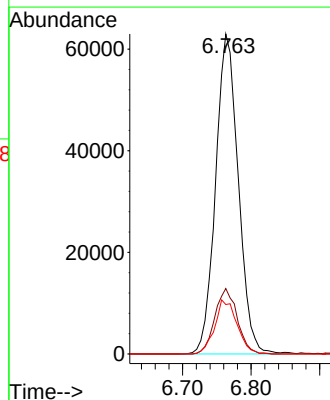
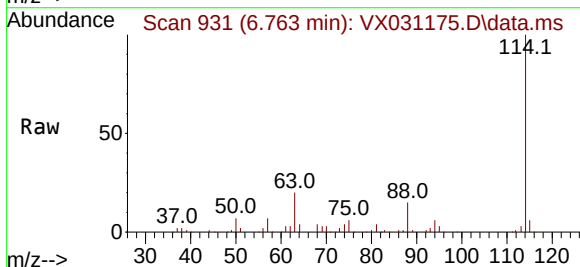
Tgt Ion: 114 Resp: 144484

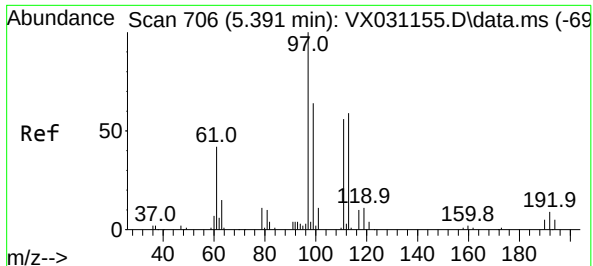
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

88 15.4 0.0 31.8

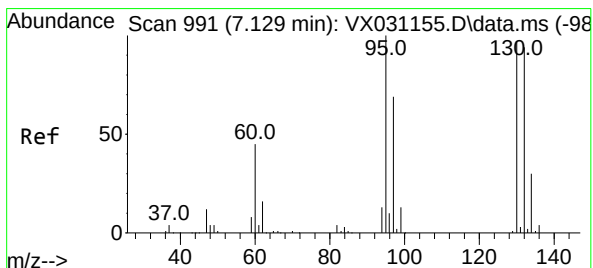
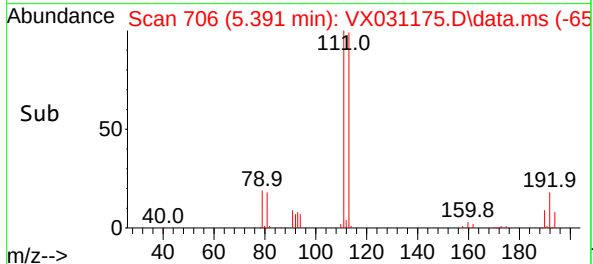
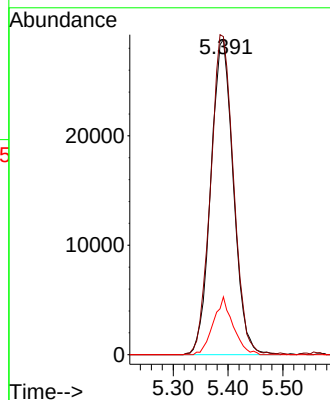
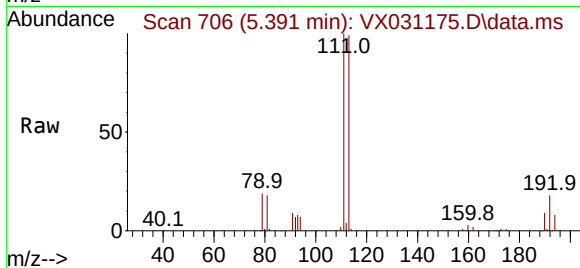




#35
Dibromofluoromethane
Concen: 52.255 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

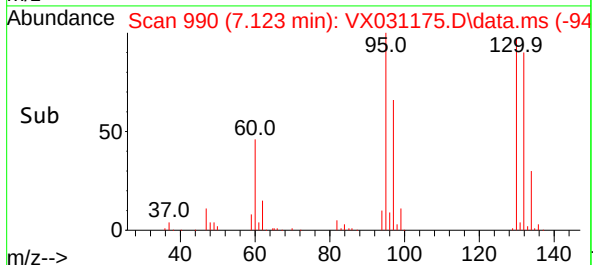
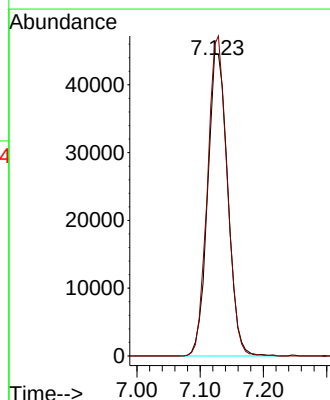
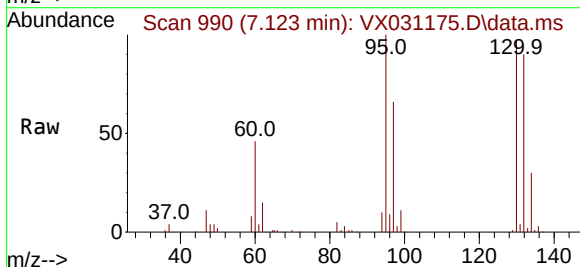
Instrument :
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ClientSampleId :
RE134D2-20220823RE

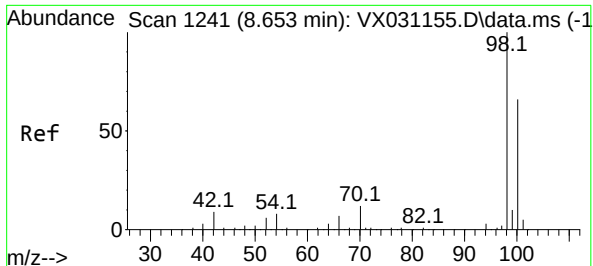
Tgt Ion:113 Resp: 82274
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 16.0 14.8 22.2



#44
Trichloroethene
Concen: 54.992 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion:130 Resp: 99014
Ion Ratio Lower Upper
130 100
95 102.9 0.0 194.8

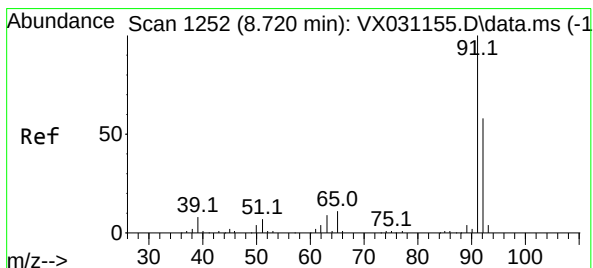
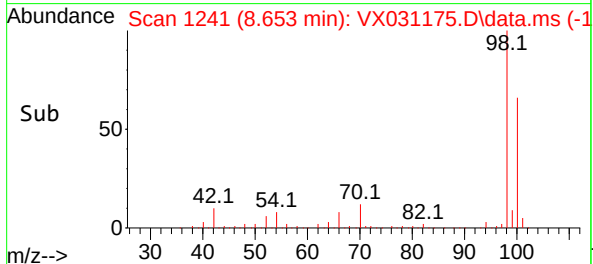
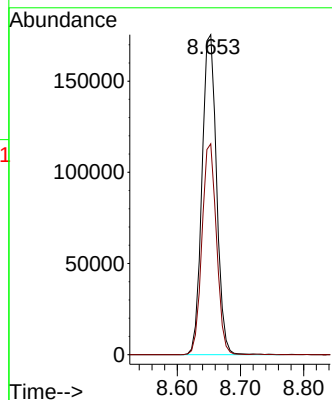
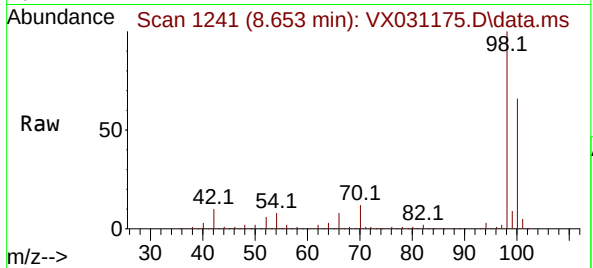




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

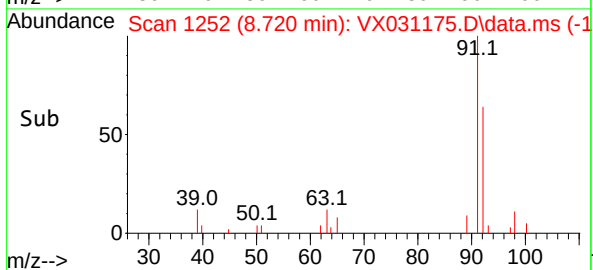
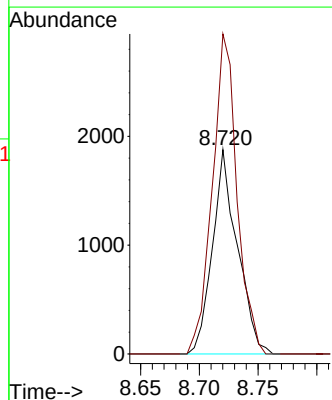
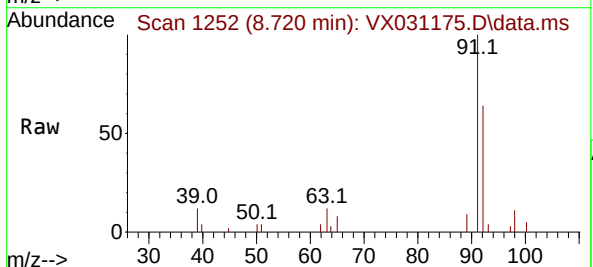
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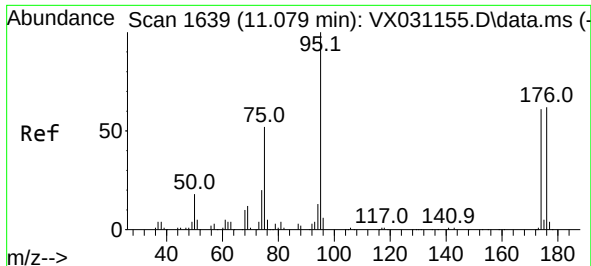
Tgt Ion: 98 Resp: 281357
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#52
Toluene
Concen: 0.656 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion: 92 Resp: 2773
Ion Ratio Lower Upper
92 100
91 155.2 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 51.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031175.D

Acq: 07 Sep 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823RE

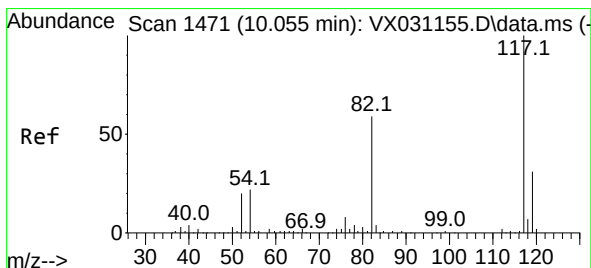
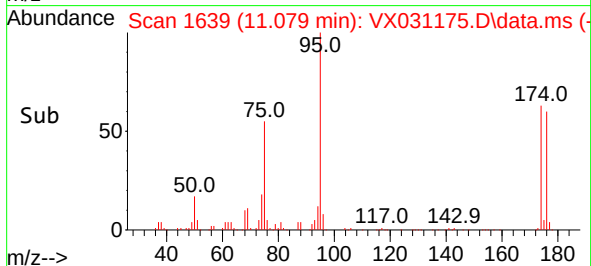
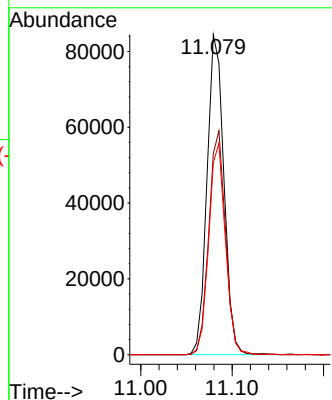
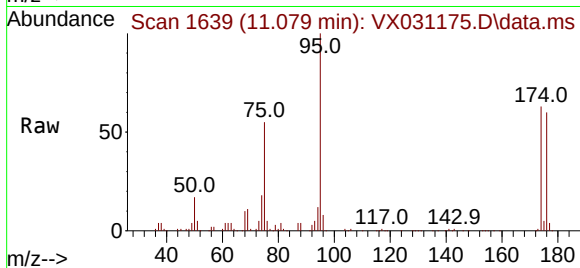
Tgt Ion: 95 Resp: 107854

Ion Ratio Lower Upper

95 100

174 69.2 0.0 149.0

176 65.4 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: VX031175.D

Acq: 07 Sep 2022 21:33

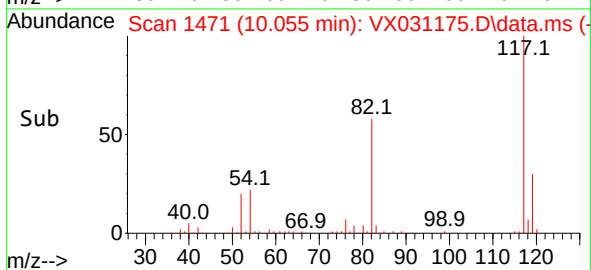
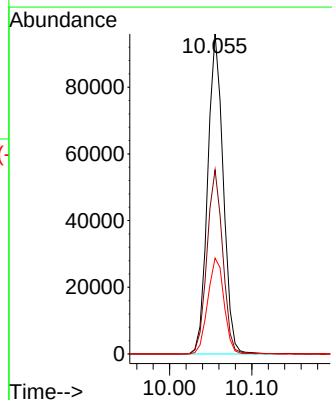
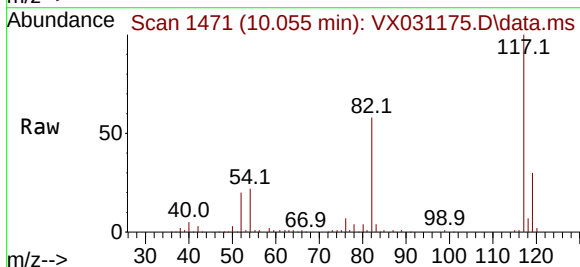
Tgt Ion: 117 Resp: 125938

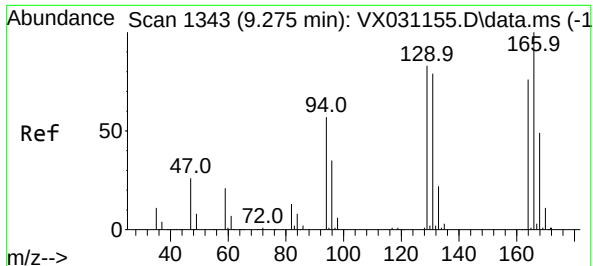
Ion Ratio Lower Upper

117 100

82 57.6 42.7 64.1

119 30.0 25.4 38.2

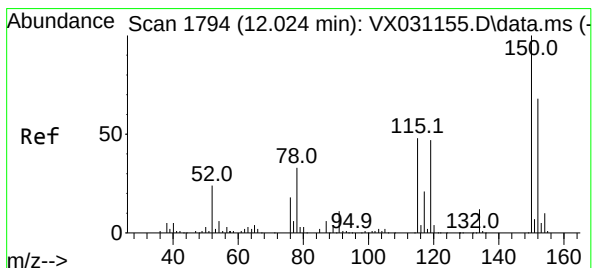
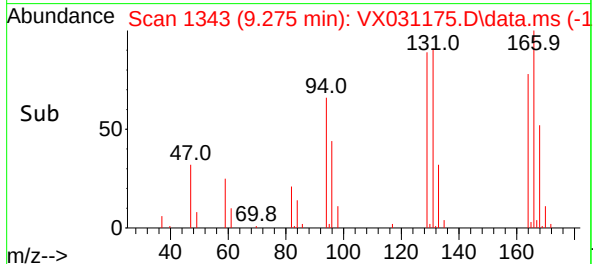
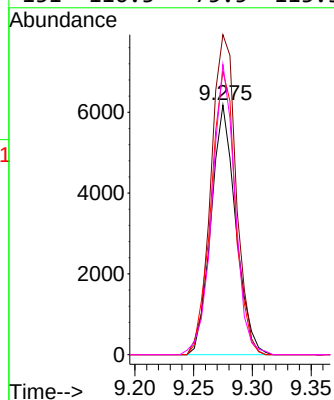
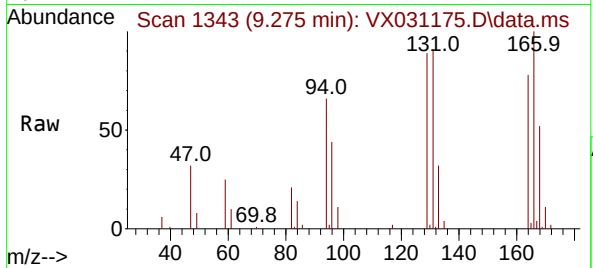




#64
Tetrachloroethene
Concen: 6.879 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823RE

Tgt Ion:164 Resp: 9019
Ion Ratio Lower Upper
164 100
166 128.2 98.2 147.4
129 113.5 80.8 121.2
131 116.3 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031175.D
Acq: 07 Sep 2022 21:33

Tgt Ion:152 Resp: 52336
Ion Ratio Lower Upper
152 100
115 65.6 40.5 121.5
150 155.1 0.0 347.0

