

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031206.D
 Acq On : 08 Sep 2022 12:13
 Operator : JC/MD
 Sample : N4373-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20220825

Quant Time: Sep 08 14:01:02 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)

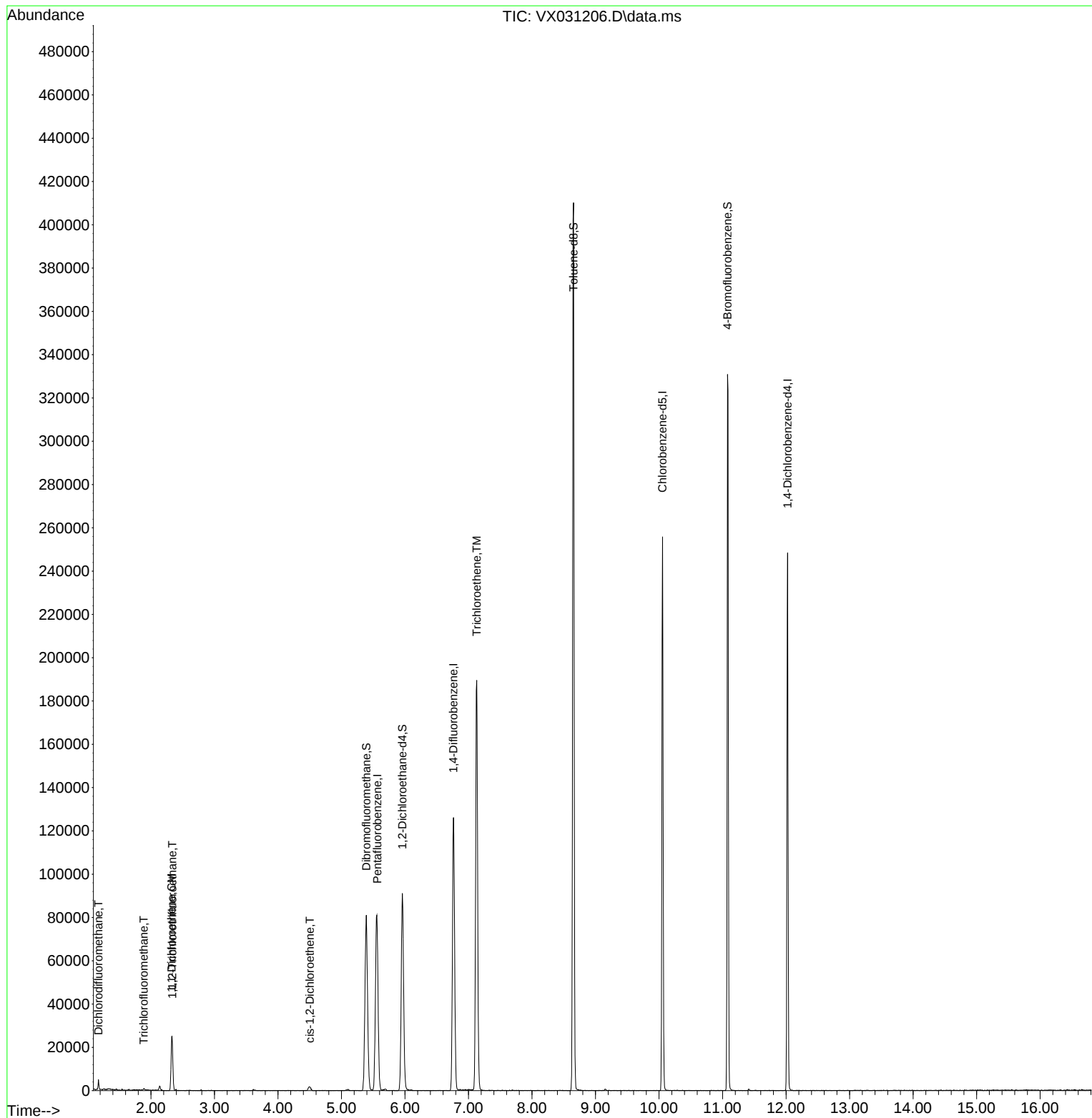
Internal Standards						
1) Pentafluorobenzene	5.562	168	67248	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98657	61.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.940%	
35) Dibromofluoromethane	5.391	113	69772	50.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	8.653	98	247037	49.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	11.079	95	94092	51.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	579	0.536	ug/l	# 58
7) Trichlorofluoromethane	1.886	101	466	0.218	ug/l	# 61
9) 1,1,2-Trichlorotrifluo...	2.337	101	9243	7.652	ug/l	93
12) 1,1-Dichloroethene	2.325	96	782	0.689	ug/l	# 68
27) cis-1,2-Dichloroethene	4.501	96	1321	0.915	ug/l	91
44) Trichloroethene	7.129	130	72416	46.053	ug/l	92

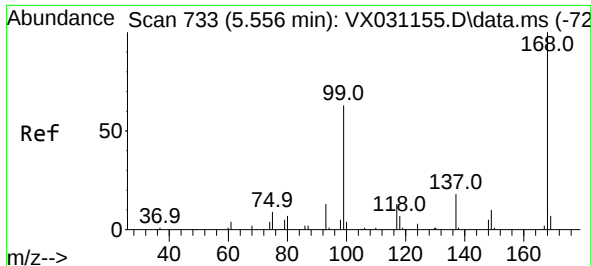
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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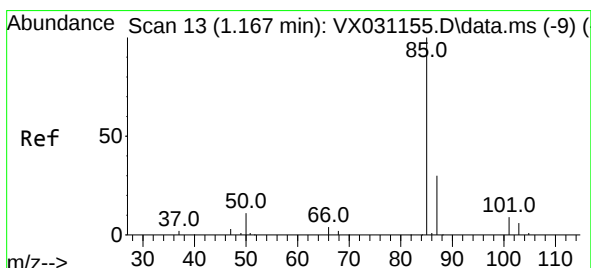
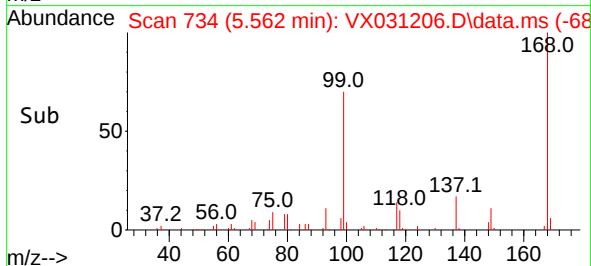
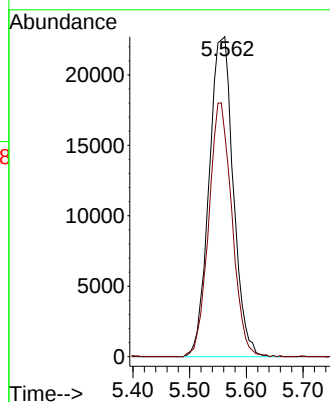
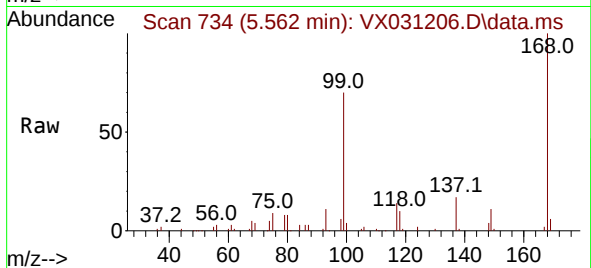




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

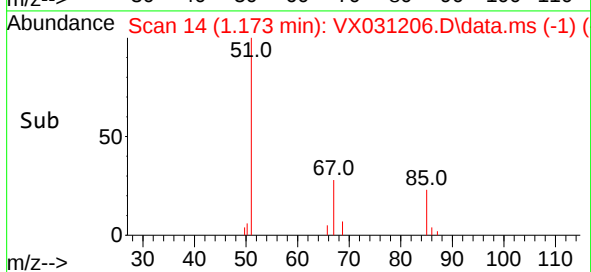
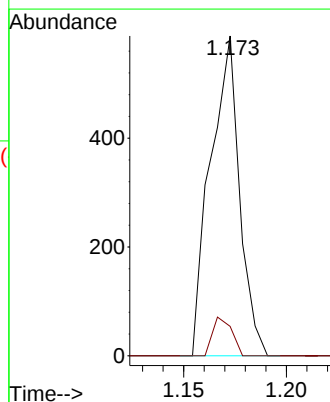
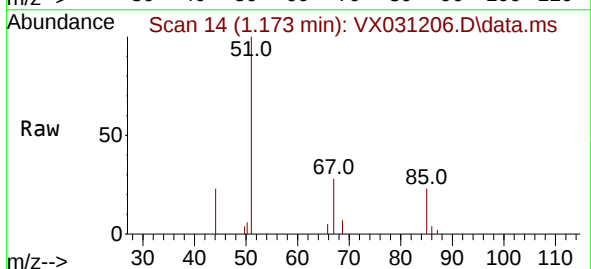
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

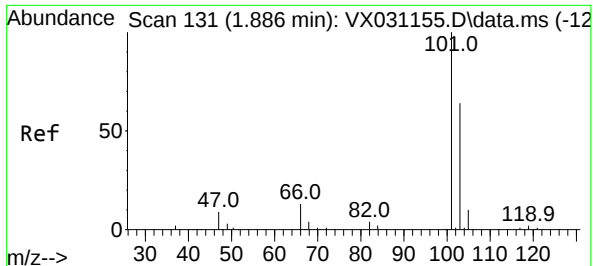
Tgt Ion:168 Resp: 67248
Ion Ratio Lower Upper
168 100
99 69.5 44.0 66.0#



#2
Dichlorodifluoromethane
Concen: 0.536 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 85 Resp: 579
Ion Ratio Lower Upper
85 100
87 9.2 16.5 49.5#

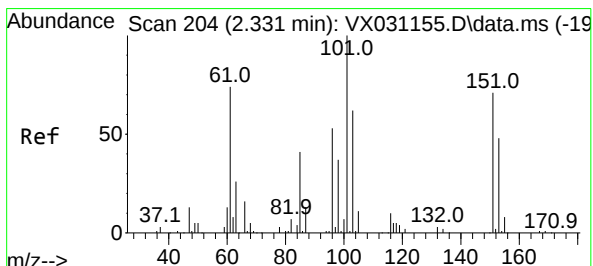
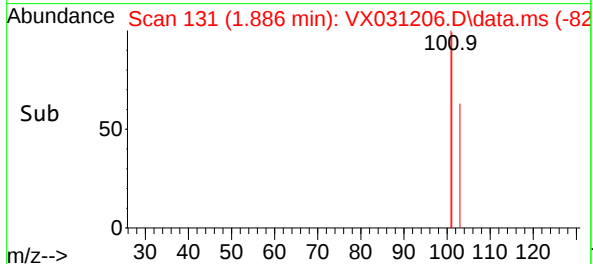
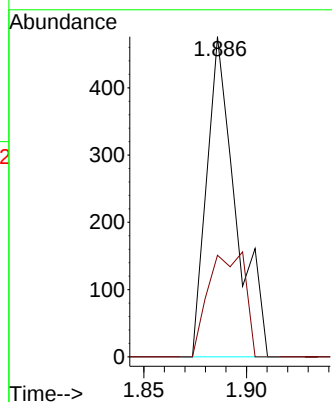
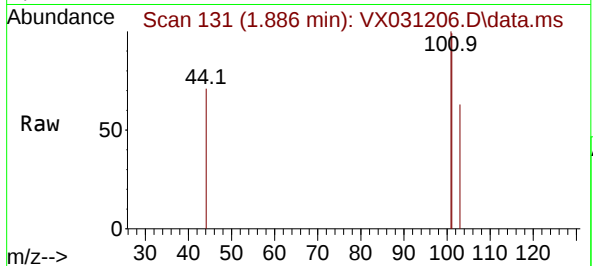




#7
 Trichlorofluoromethane
 Concen: 0.218 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031206.D
 Acq: 08 Sep 2022 12:13

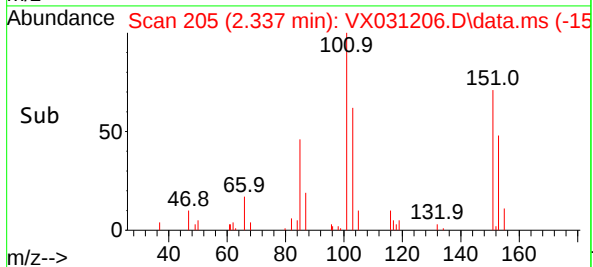
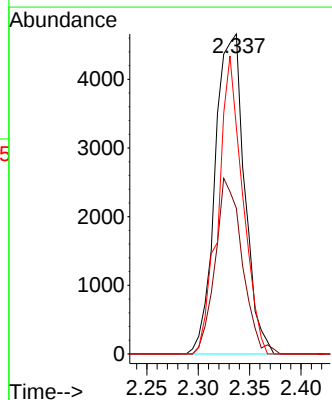
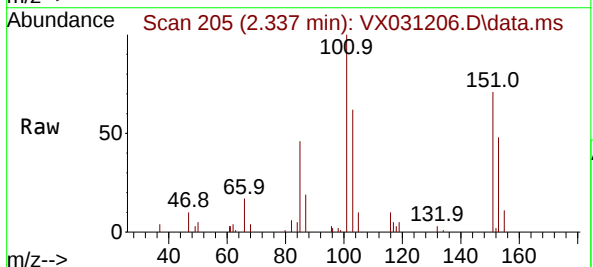
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20220825

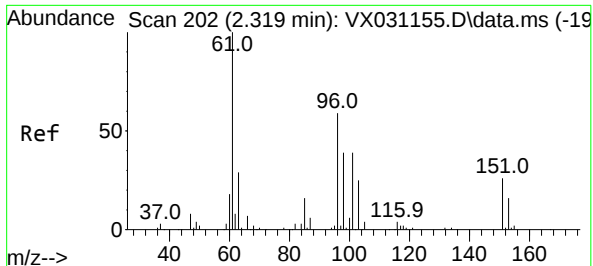
Tgt Ion:101 Resp: 466
 Ion Ratio Lower Upper
 101 100
 103 31.7 49.7 74.5#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.652 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: VX031206.D
 Acq: 08 Sep 2022 12:13

Tgt Ion:101 Resp: 9243
 Ion Ratio Lower Upper
 101 100
 85 50.5 34.0 51.0
 151 77.5 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.689 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031206.D

Acq: 08 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20220825

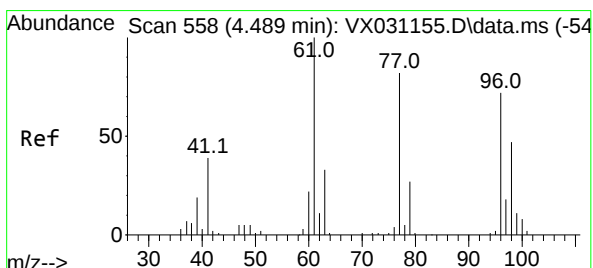
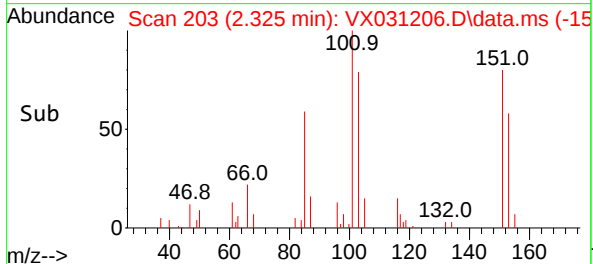
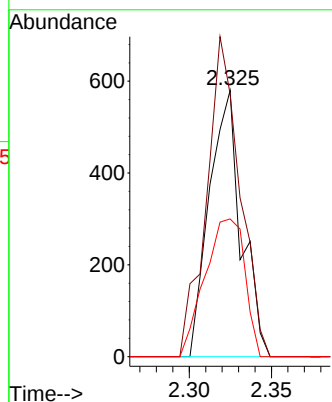
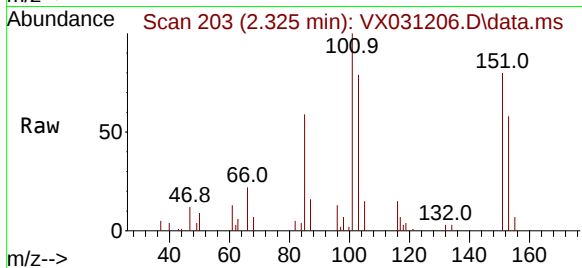
Tgt Ion: 96 Resp: 782

Ion Ratio Lower Upper

96 100

61 98.6 117.4 176.0#

98 51.7 52.2 78.4#



#27

cis-1,2-Dichloroethene

Concen: 0.915 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX031206.D

Acq: 08 Sep 2022 12:13

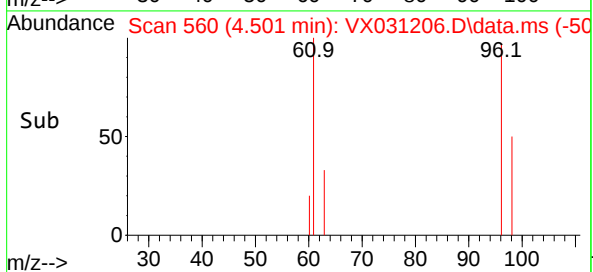
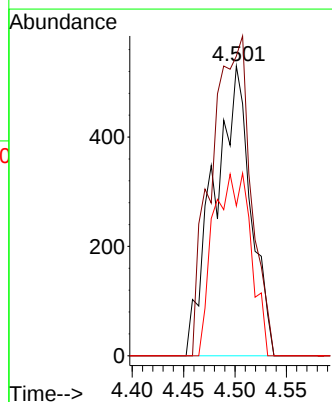
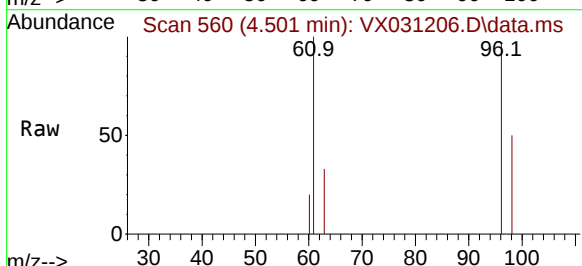
Tgt Ion: 96 Resp: 1321

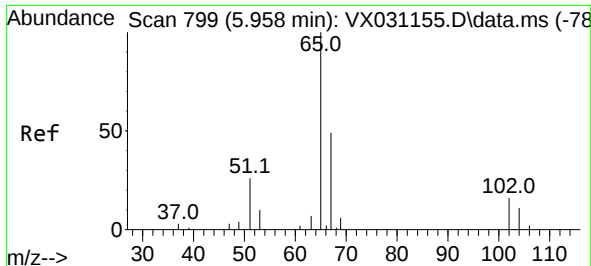
Ion Ratio Lower Upper

96 100

61 118.5 0.0 270.0

98 63.9 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 61.965 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031206.D

Acq: 08 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

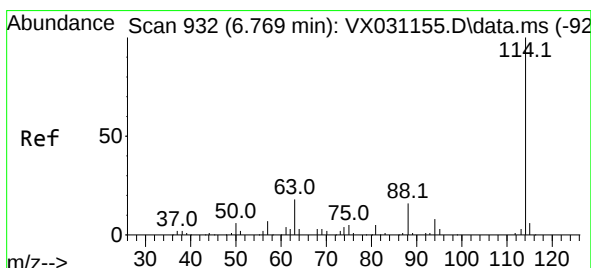
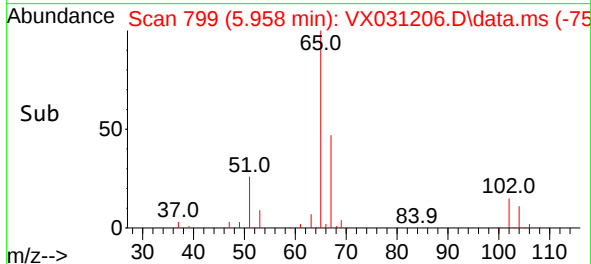
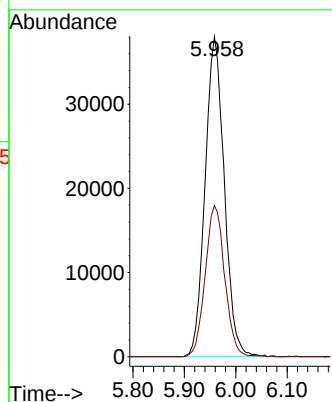
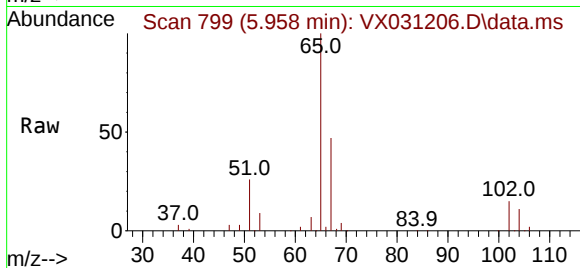
RE114D2-20220825

Tgt Ion: 65 Resp: 98657

Ion Ratio Lower Upper

65 100

67 48.1 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: VX031206.D

Acq: 08 Sep 2022 12:13

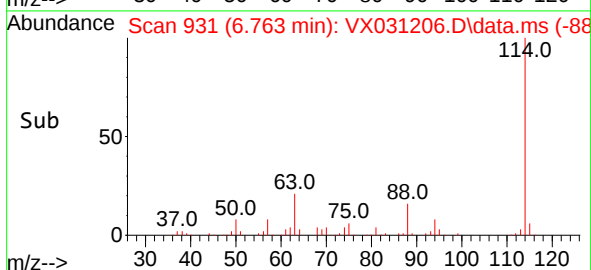
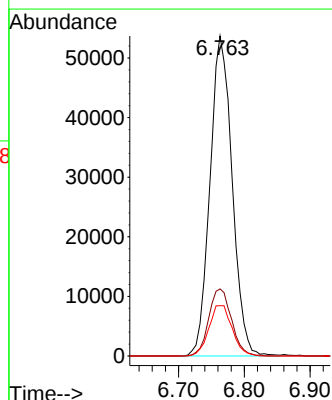
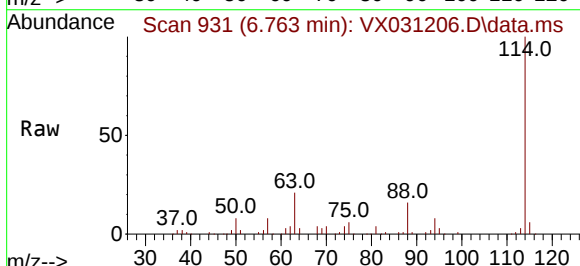
Tgt Ion: 114 Resp: 126183

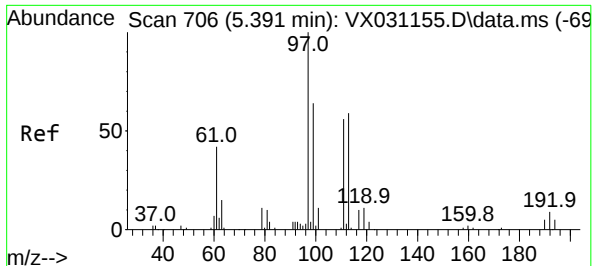
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.741 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031206.D

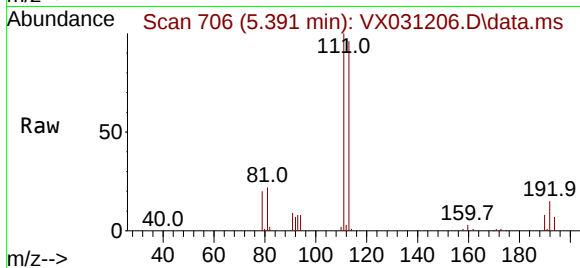
Acq: 08 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

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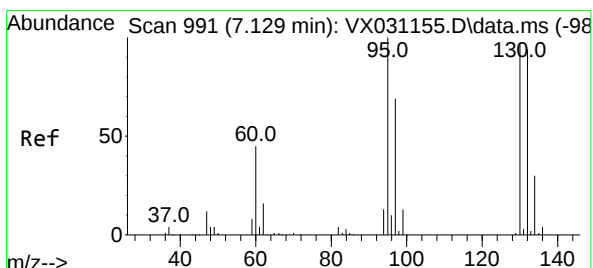
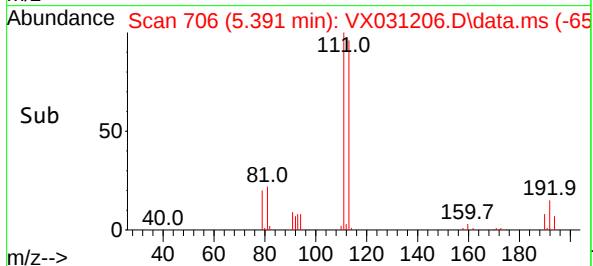
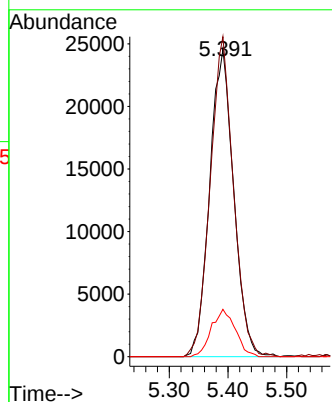
Tgt Ion:113 Resp: 69772

Ion Ratio Lower Upper

113 100

111 100.6 83.2 124.8

192 15.4 14.8 22.2



#44

Trichloroethene

Concen: 46.053 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031206.D

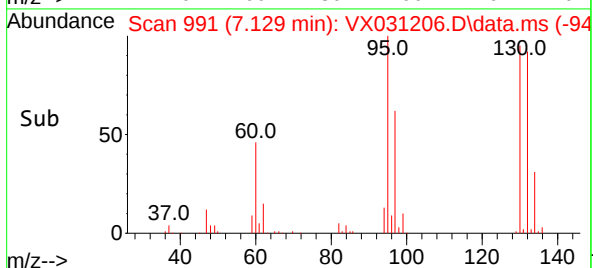
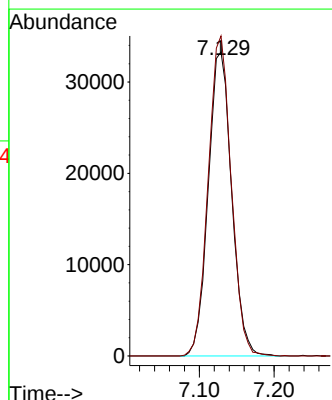
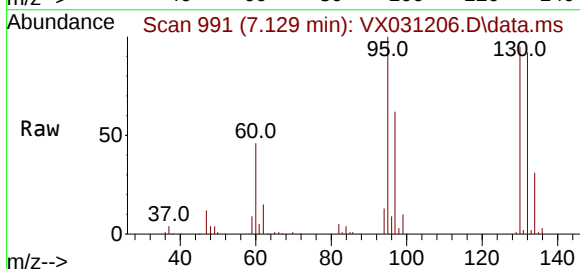
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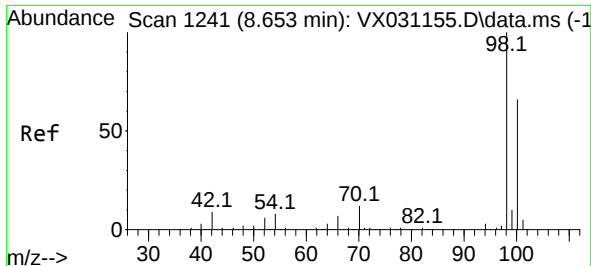
Tgt Ion:130 Resp: 72416

Ion Ratio Lower Upper

130 100

95 105.3 0.0 194.8

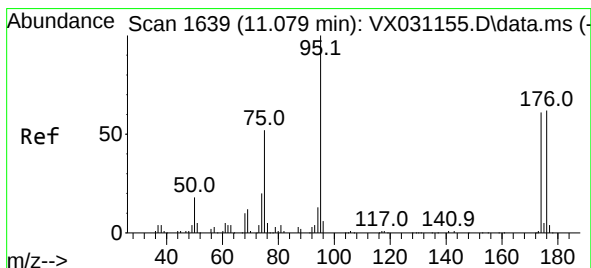
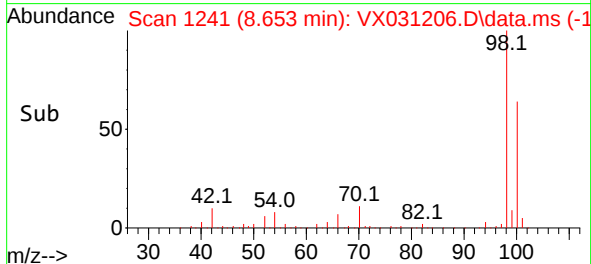
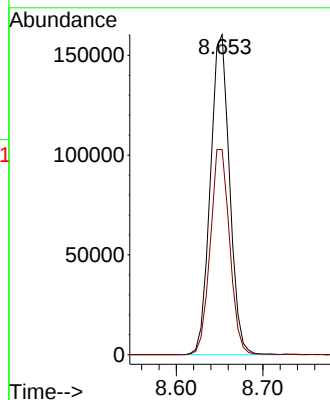
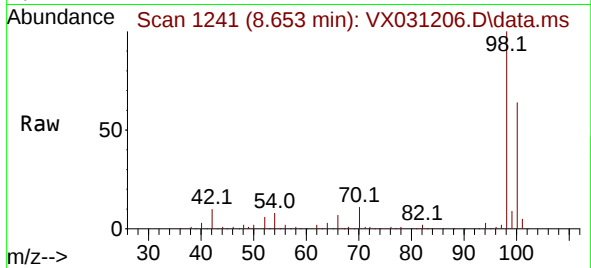




#50
Toluene-d8
Concen: 49.448 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

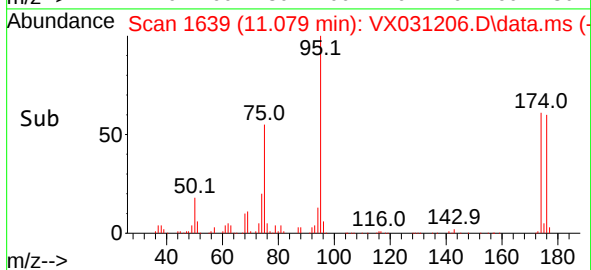
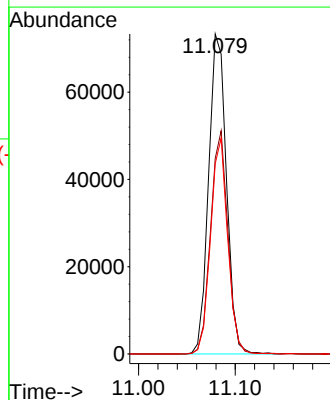
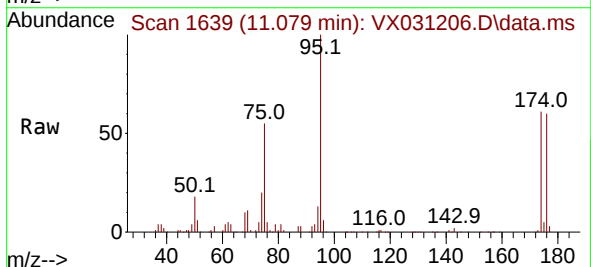
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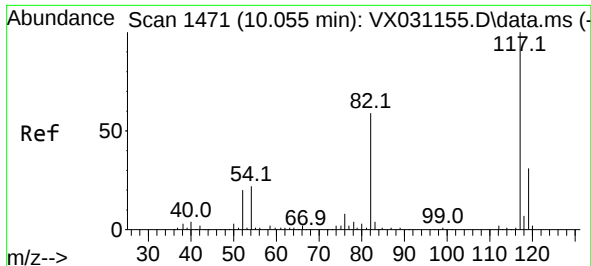
Tgt Ion: 98 Resp: 247037
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 95 Resp: 94092
Ion Ratio Lower Upper
95 100
174 67.9 0.0 149.0
176 64.8 0.0 146.0

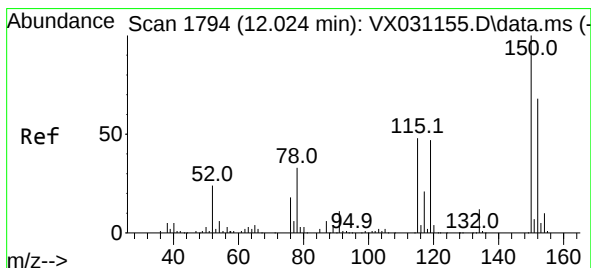
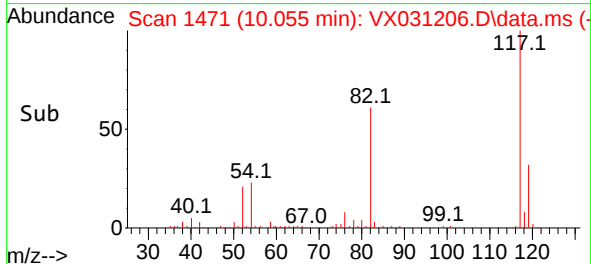
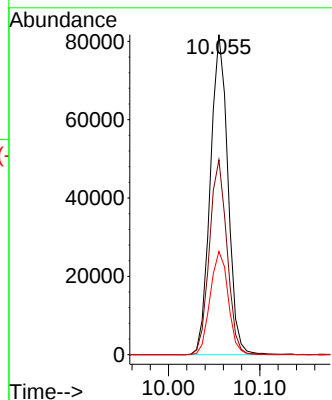
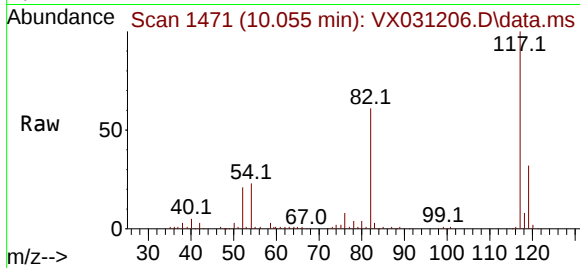




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

Tgt Ion:117 Resp: 108873
Ion Ratio Lower Upper
117 100
82 60.9 42.7 64.1
119 32.3 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: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion:152 Resp: 48279
Ion Ratio Lower Upper
152 100
115 68.3 40.5 121.5
150 158.3 0.0 347.0

