

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031048.D
 Acq On : 02 Sep 2022 02:23
 Operator : JC/MD
 Sample : N4298-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20220822

Quant Time: Sep 02 04:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

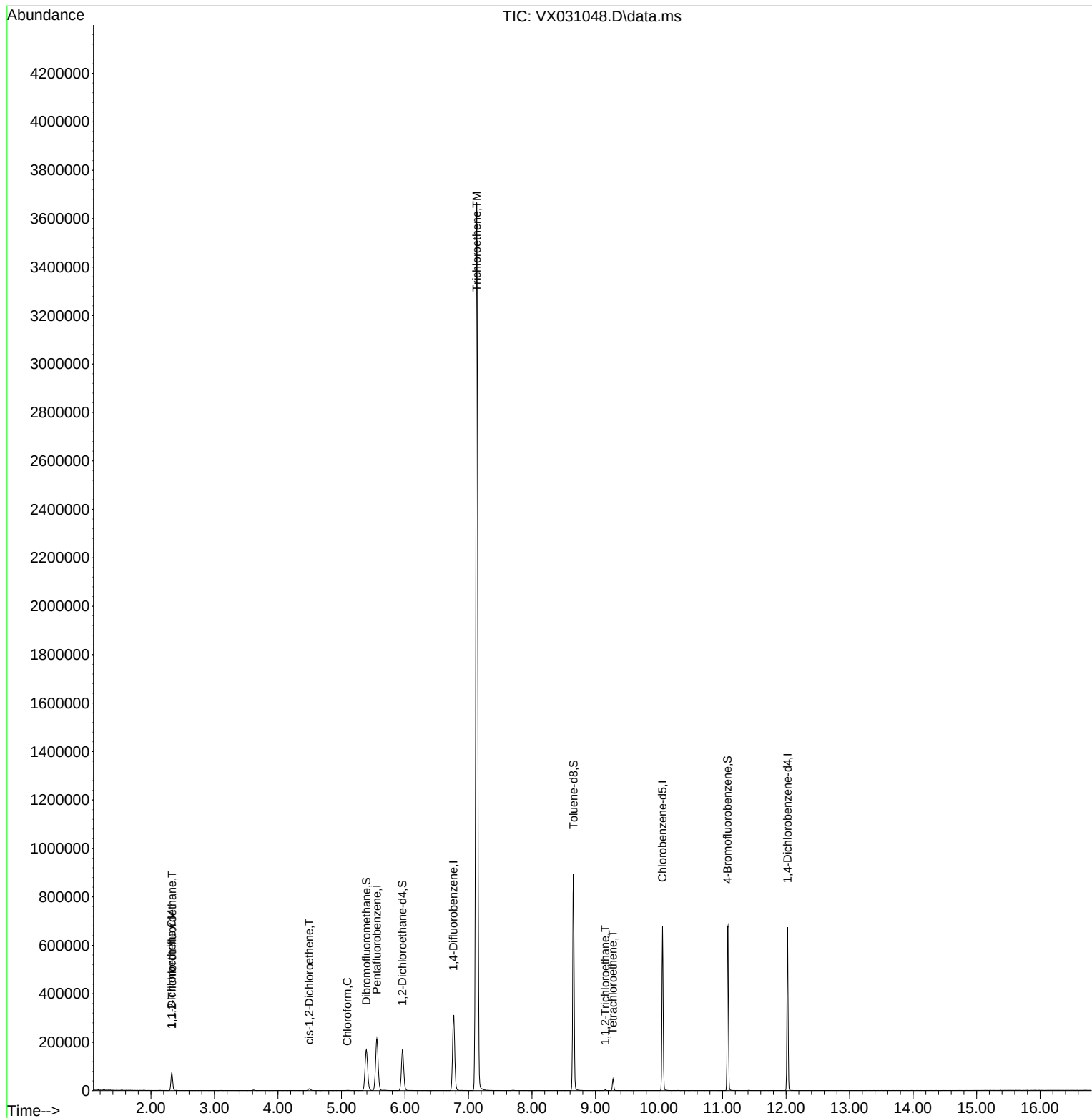
Internal Standards						
1) Pentafluorobenzene	5.556	168	218332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158067	56.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.540%	
35) Dibromofluoromethane	5.391	113	152812	59.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.280%	
50) Toluene-d8	8.653	98	563555	59.263	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.520%#	
62) 4-Bromofluorobenzene	11.079	95	194307	57.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.700%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	20922	7.966	ug/l	91
12) 1,1-Dichloroethene	2.325	96	10264	4.047	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	5829	1.843	ug/l	82
30) Chloroform	5.093	83	1468	0.293	ug/l #	64
44) Trichloroethene	7.129	130	1527977	464.590	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	1204	0.420	ug/l #	82
64) Tetrachloroethene	9.275	164	9835	3.018	ug/l #	87

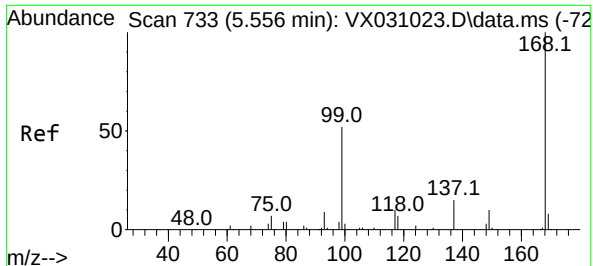
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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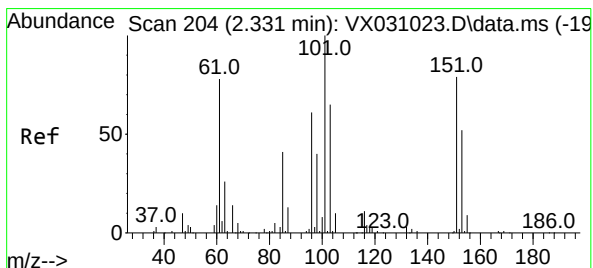
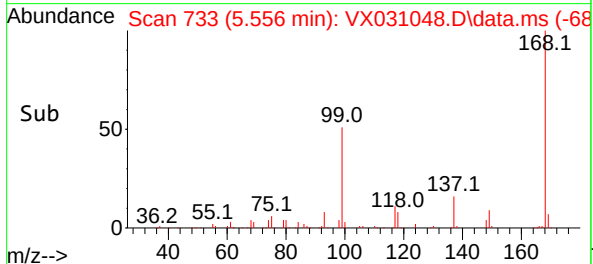
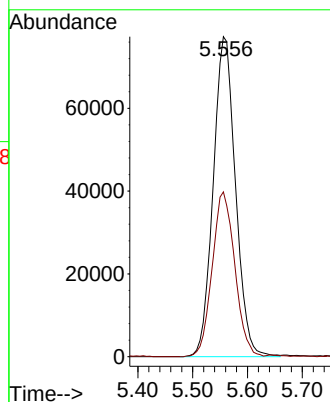
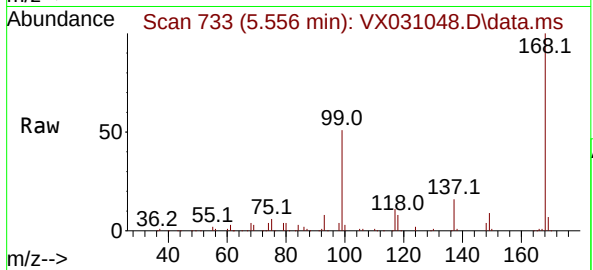




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031048.D
Acq: 02 Sep 2022 02:23

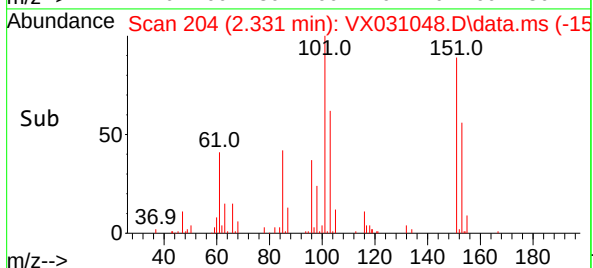
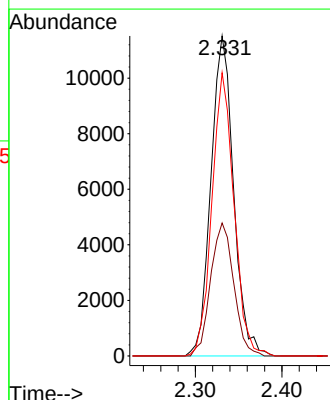
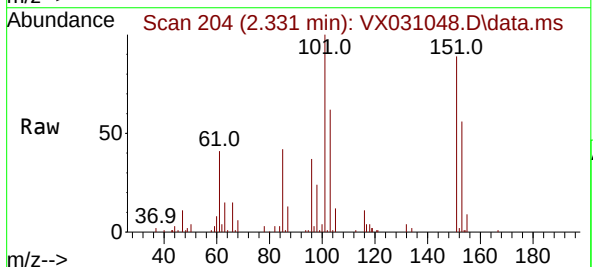
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220822

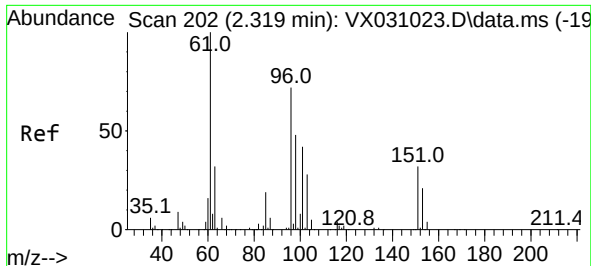
Tgt Ion:168 Resp: 218332
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.966 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031048.D
Acq: 02 Sep 2022 02:23

Tgt Ion:101 Resp: 20922
Ion Ratio Lower Upper
101 100
85 42.6 34.0 51.0
151 86.2 59.4 89.0





#12

1,1-Dichloroethene

Concen: 4.047 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031048.D

Acq: 02 Sep 2022 02:23

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20220822

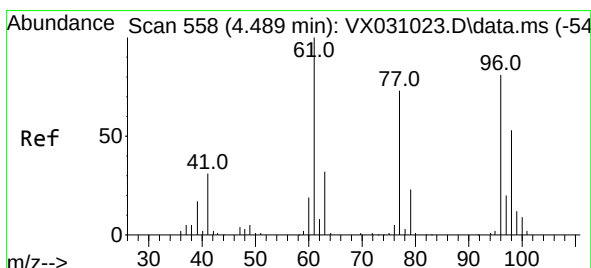
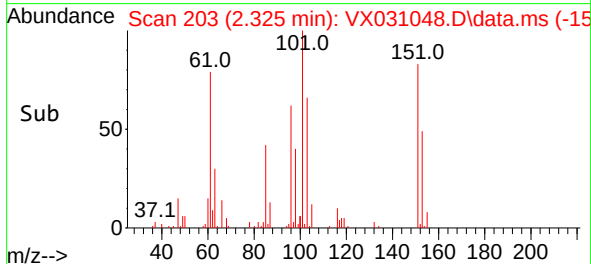
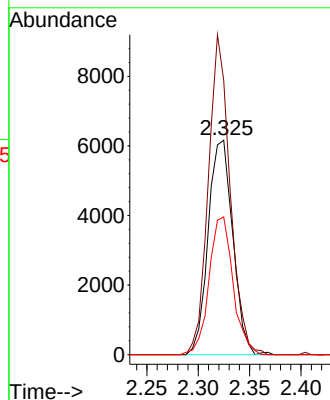
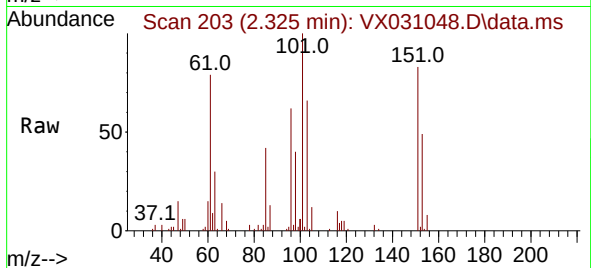
Tgt Ion: 96 Resp: 10264

Ion Ratio Lower Upper

96 100

61 127.9 117.4 176.0

98 64.2 52.2 78.4



#27

cis-1,2-Dichloroethene

Concen: 1.843 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031048.D

Acq: 02 Sep 2022 02:23

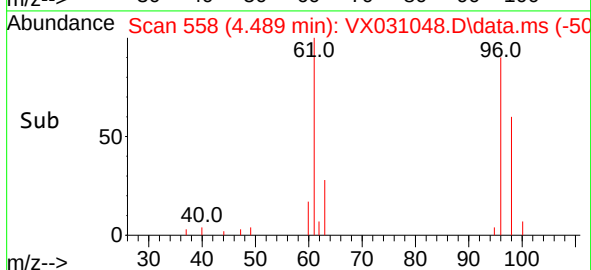
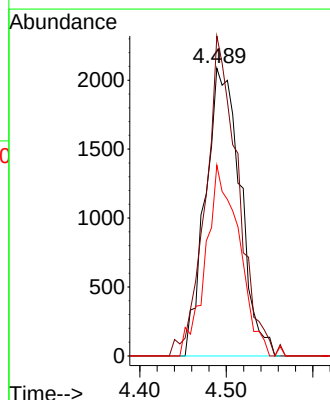
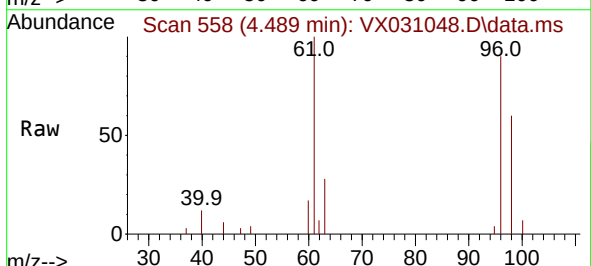
Tgt Ion: 96 Resp: 5829

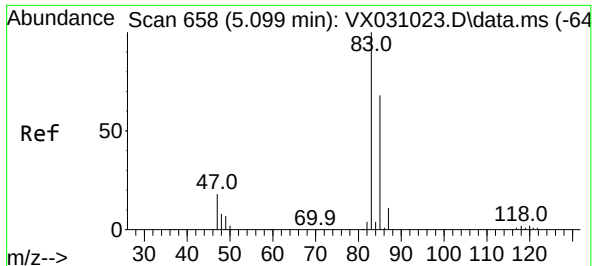
Ion Ratio Lower Upper

96 100

61 103.6 0.0 270.0

98 63.5 0.0 127.8





#30

Chloroform

Concen: 0.293 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX031048.D

Acq: 02 Sep 2022 02:23

Instrument :

MSVOA_X

ClientSampleId :

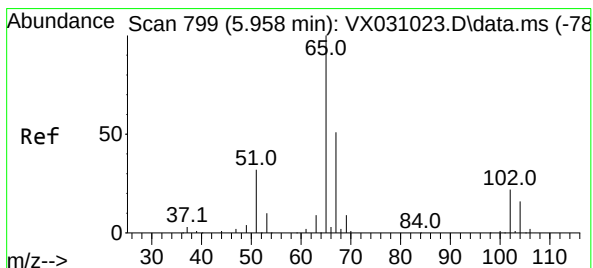
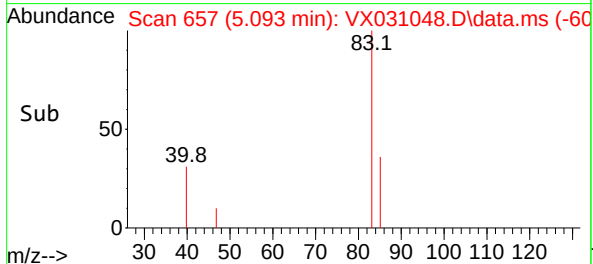
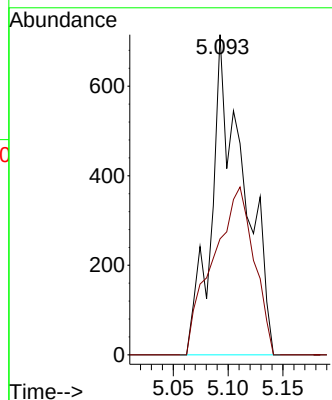
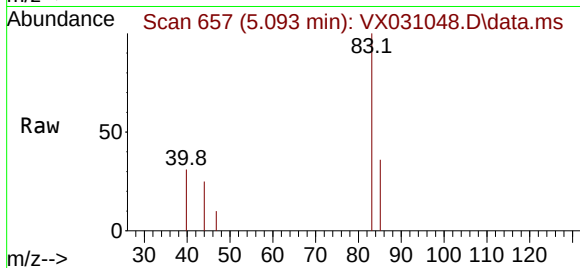
RE120D1-20220822

Tgt Ion: 83 Resp: 1468

Ion Ratio Lower Upper

83 100

85 36.2 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 56.266 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031048.D

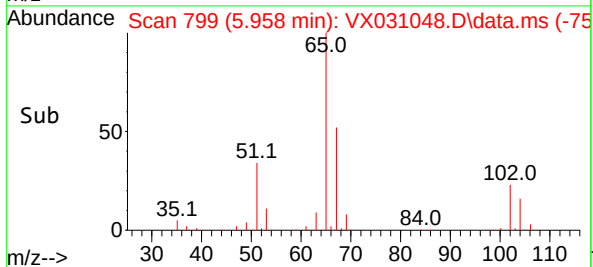
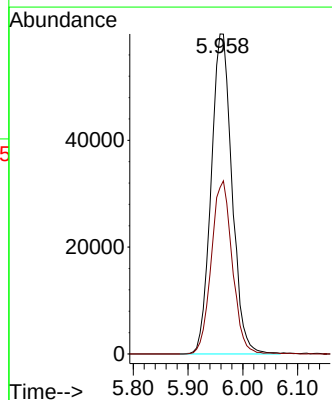
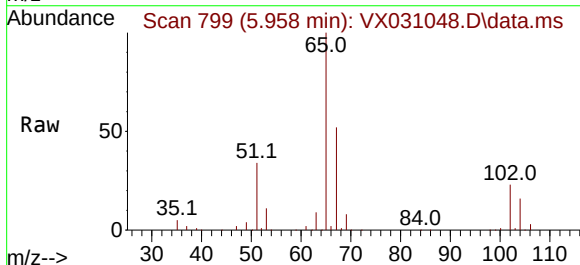
Acq: 02 Sep 2022 02:23

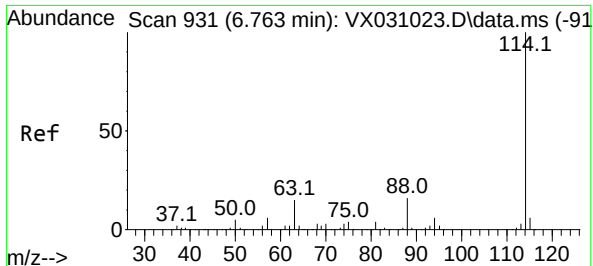
Tgt Ion: 65 Resp: 158067

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX031048.D

Acq: 02 Sep 2022 02:23

Instrument :

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ClientSampleId :

RE120D1-20220822

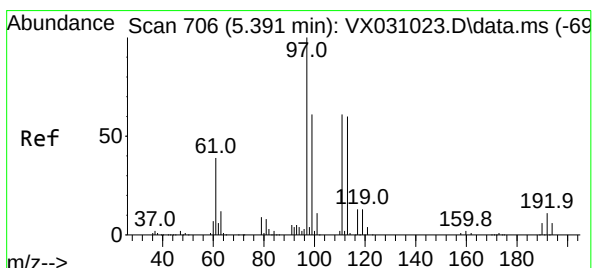
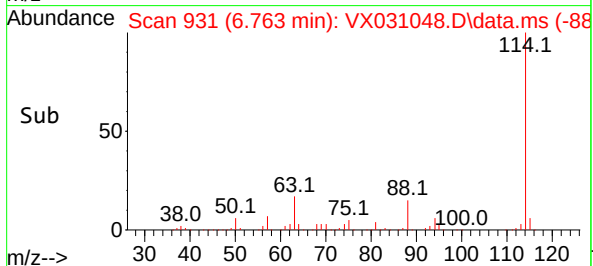
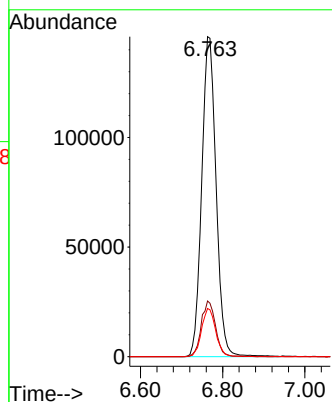
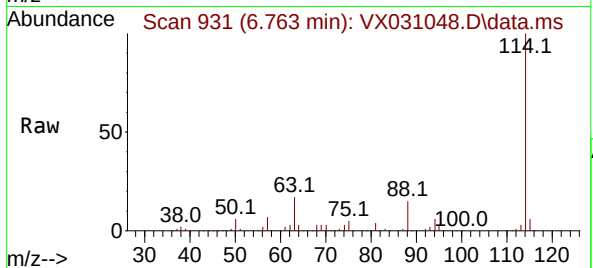
Tgt Ion:114 Resp: 354062

Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.142 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031048.D

Acq: 02 Sep 2022 02:23

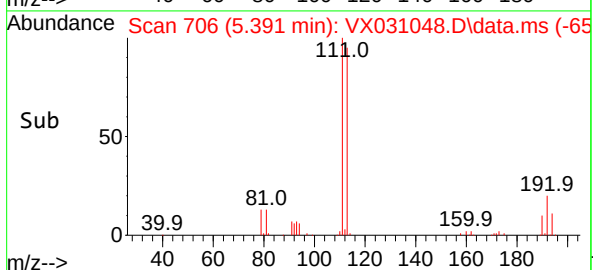
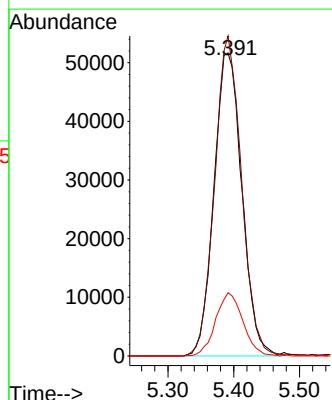
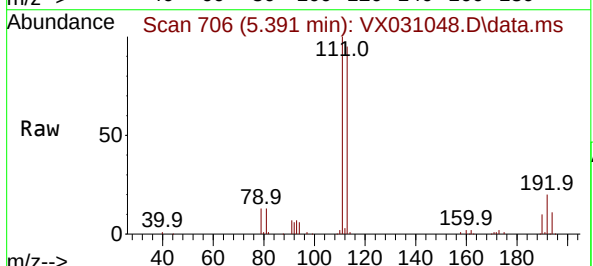
Tgt Ion:113 Resp: 152812

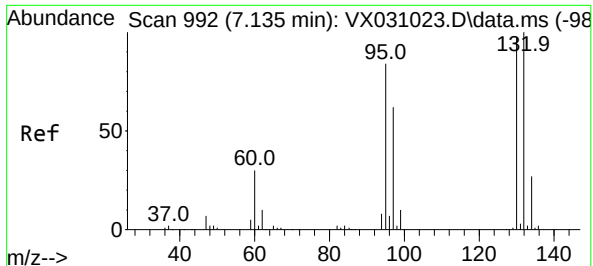
Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

192 20.3 14.8 22.2

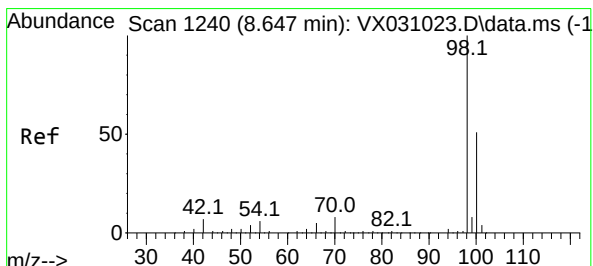
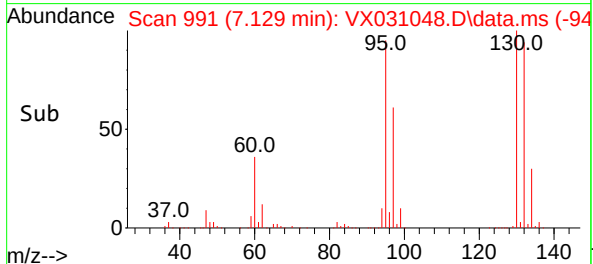
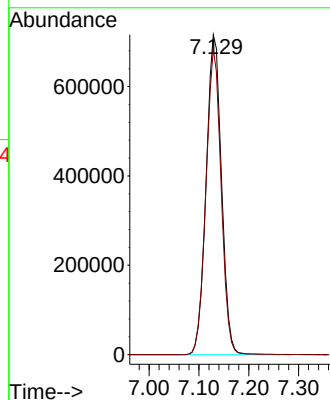
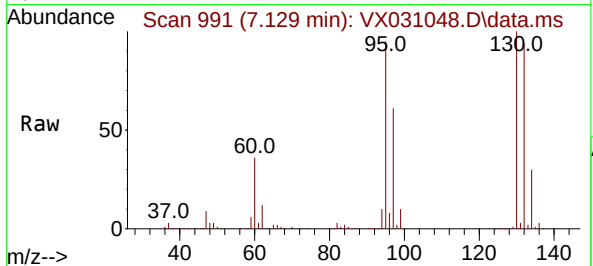




#44
Trichloroethene
Concen: 464.590 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031048.D
Acq: 02 Sep 2022 02:23

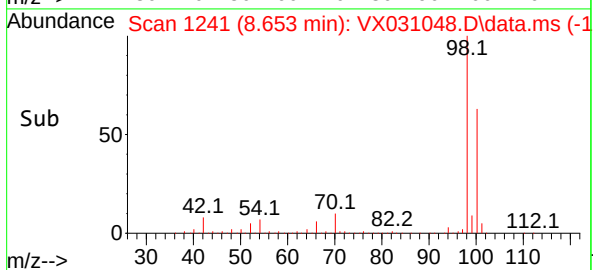
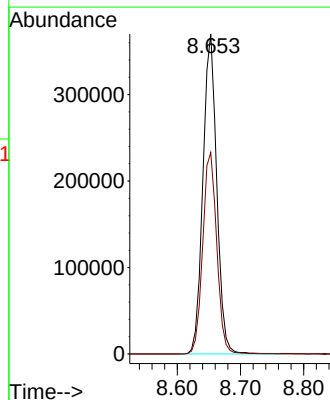
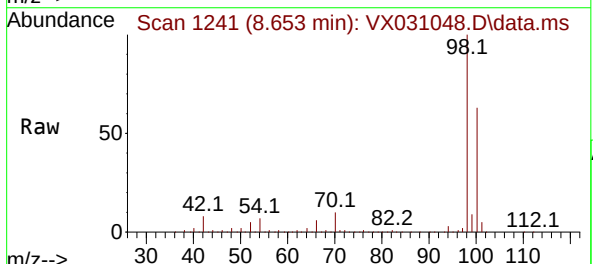
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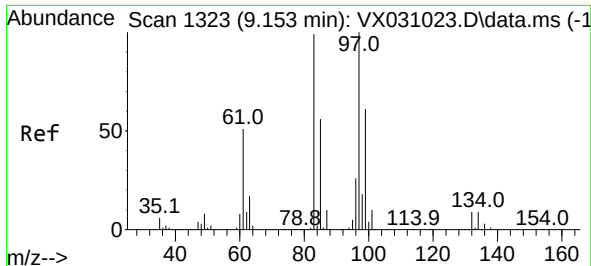
Tgt Ion:130 Resp: 1527977
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8



#50
Toluene-d8
Concen: 59.263 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031048.D
Acq: 02 Sep 2022 02:23

Tgt Ion: 98 Resp: 563555
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

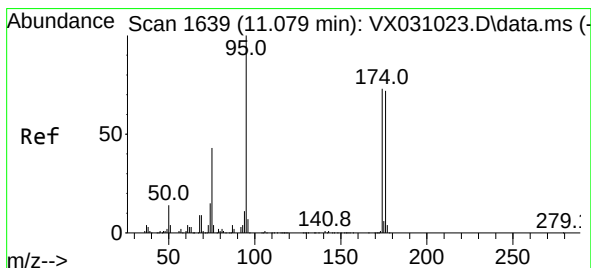
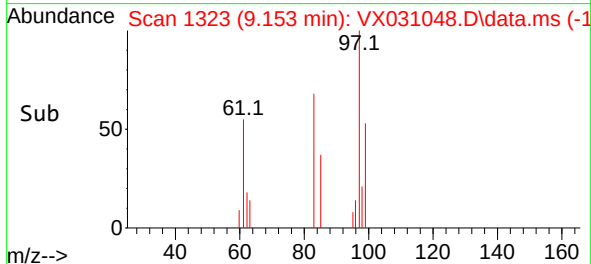
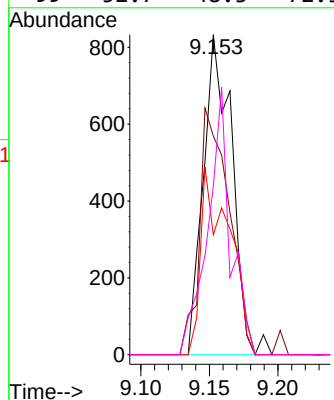
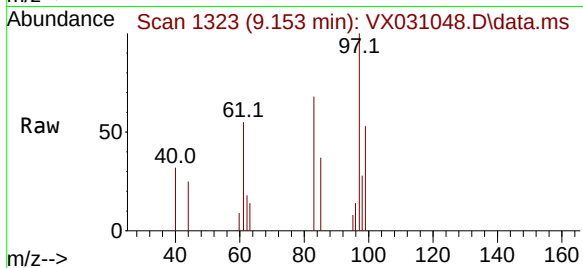




#55
 1,1,2-Trichloroethane
 Concen: 0.420 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031048.D
 Acq: 02 Sep 2022 02:23

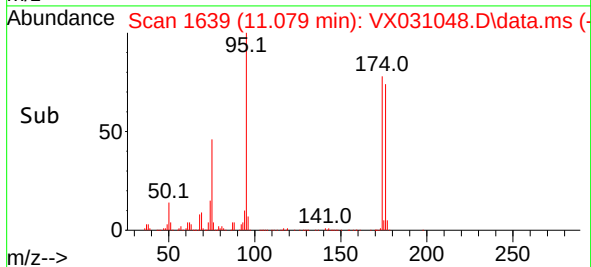
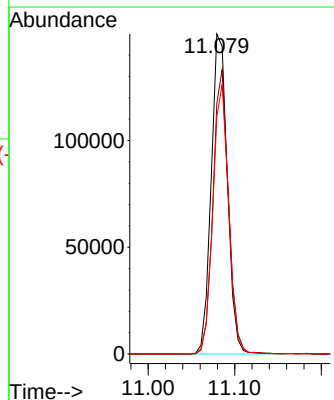
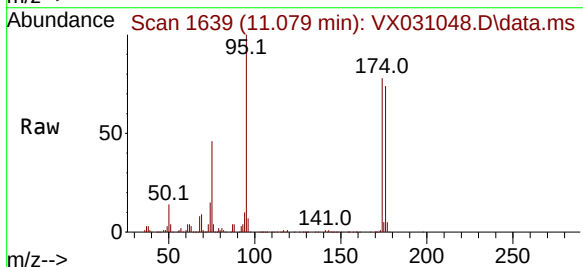
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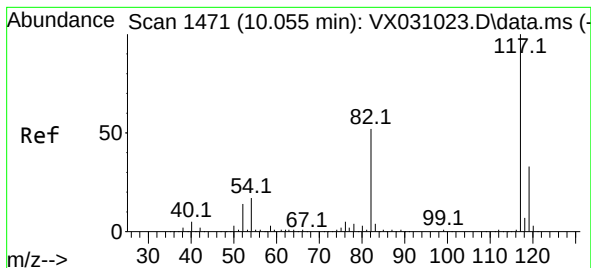
Tgt Ion:	97	Resp:	1204
Ion	Ratio	Lower	Upper
97	100		
83	68.3	68.9	103.3#
85	37.5	44.0	66.0#
99	52.7	48.3	72.5



#62
 4-Bromofluorobenzene
 Concen: 57.852 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: VX031048.D
 Acq: 02 Sep 2022 02:23

Tgt Ion:	95	Resp:	194307
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	149.0
176	82.5	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: VX031048.D

Acq: 02 Sep 2022 02:23

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20220822

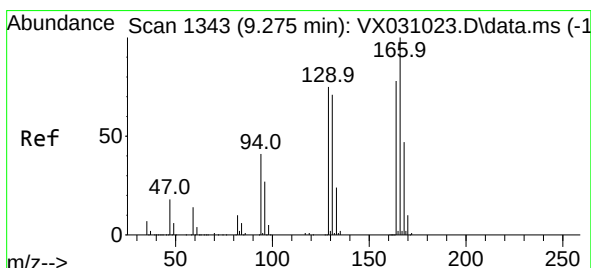
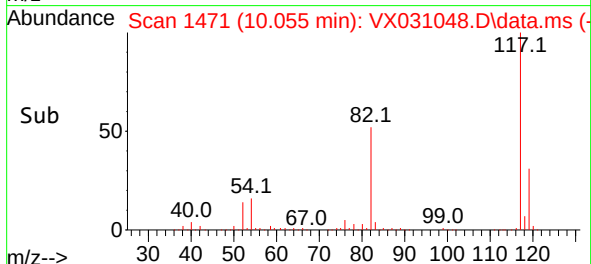
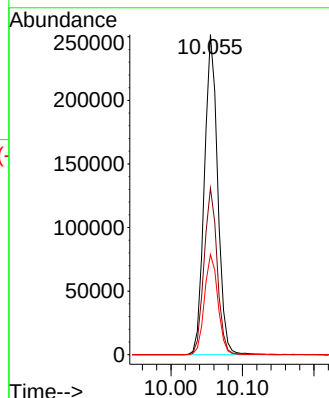
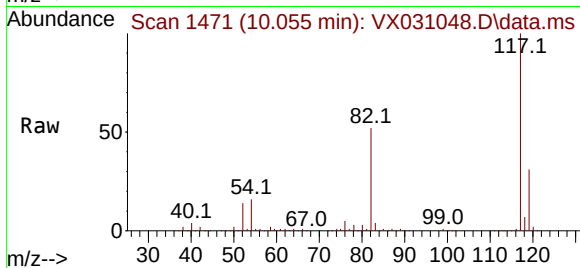
Tgt Ion:117 Resp: 326353

Ion Ratio Lower Upper

117 100

82 52.1 42.7 64.1

119 31.3 25.4 38.2



#64

Tetrachloroethene

Concen: 3.018 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX031048.D

Acq: 02 Sep 2022 02:23

Tgt Ion:164 Resp: 9835

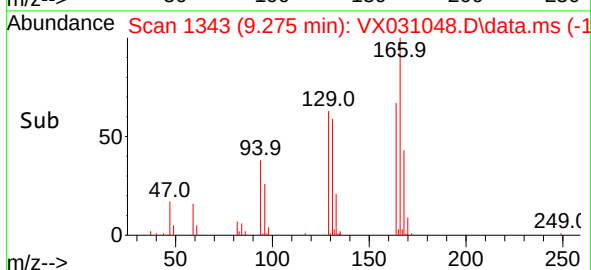
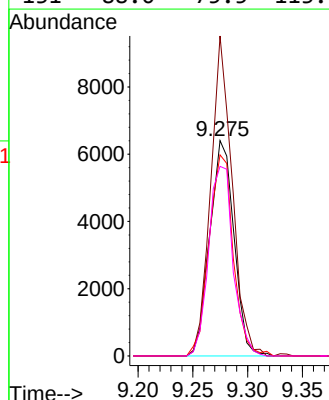
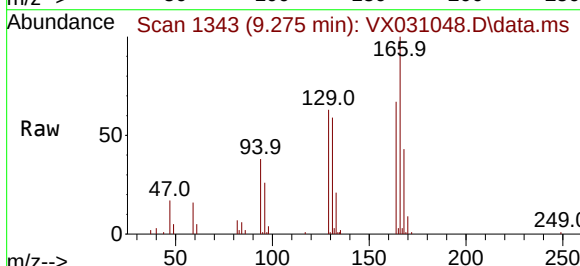
Ion Ratio Lower Upper

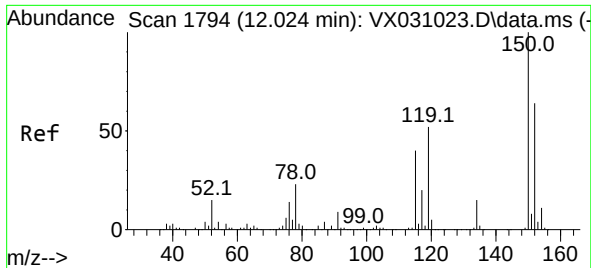
164 100

166 148.6 98.2 147.4

129 93.4 80.8 121.2

131 88.0 75.5 113.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031048.D

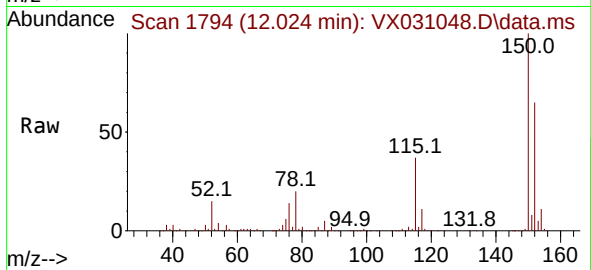
Acq: 02 Sep 2022 02:23

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20220822



Tgt Ion:152 Resp: 148562

Ion Ratio Lower Upper

152 100

115 57.5 40.5 121.5

150 156.2 0.0 347.0

