

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034390.D
 Acq On : 08 Mar 2023 17:53
 Operator : JC/MD
 Sample : 01843-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20230306

Quant Time: Mar 09 04:01:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

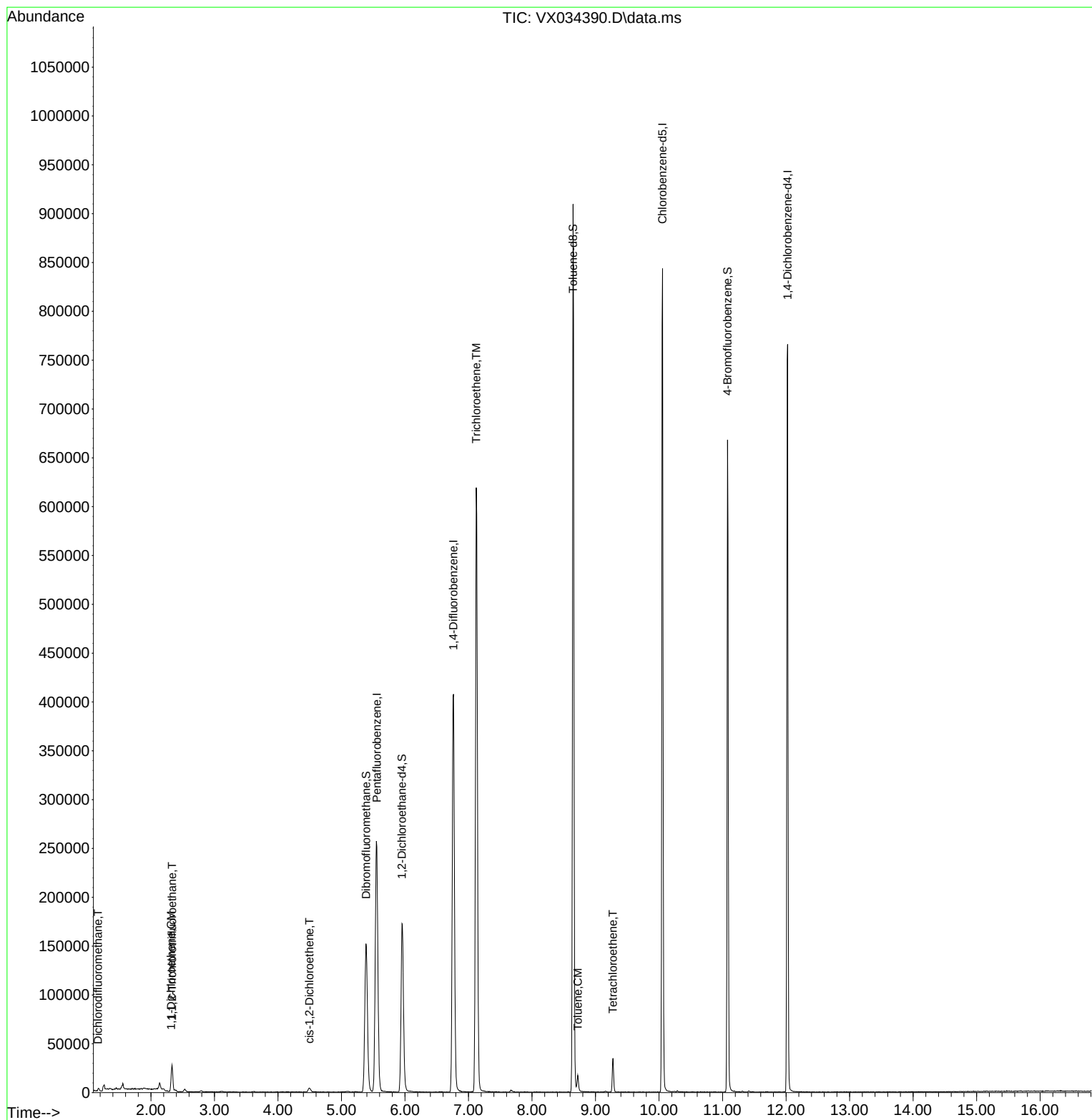
Internal Standards						
1) Pentafluorobenzene	5.556	168	252167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163248	48.069	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.140%
35) Dibromofluoromethane	5.385	113	132850	47.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	511685	51.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.300%
62) 4-Bromofluorobenzene	11.079	95	175446	45.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1506	0.691	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	9527	3.501	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1223	0.448	ug/l #	72
27) cis-1,2-Dichloroethene	4.495	96	2650	0.783	ug/l	97
44) Trichloroethene	7.123	130	238567	76.137	ug/l	91
52) Toluene	8.720	92	5931	0.802	ug/l	100
64) Tetrachloroethene	9.275	164	6326	2.326	ug/l	93

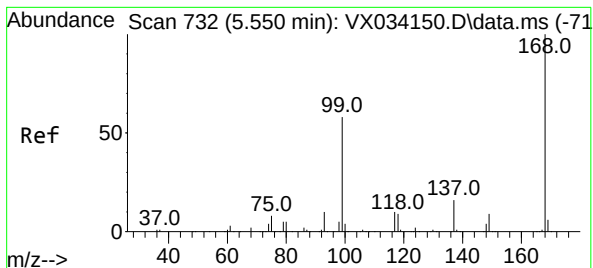
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 12:33:35 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034390.D

Acq: 08 Mar 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

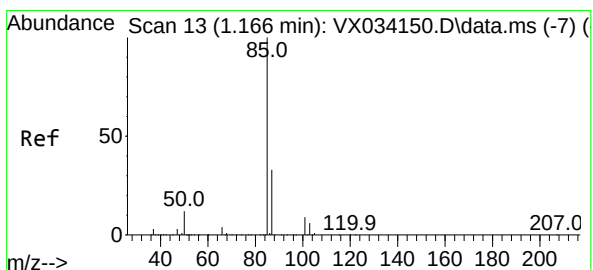
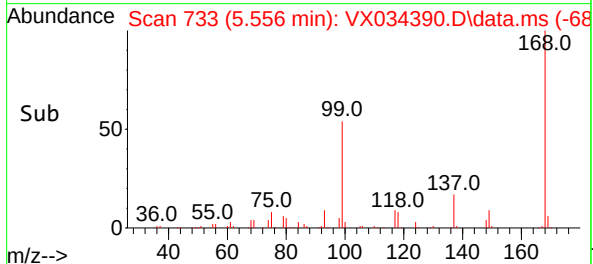
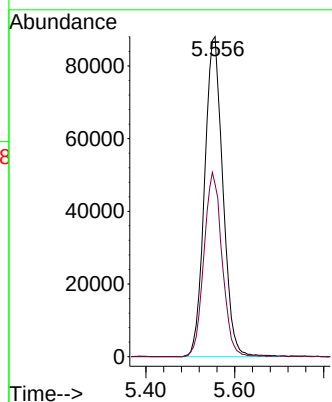
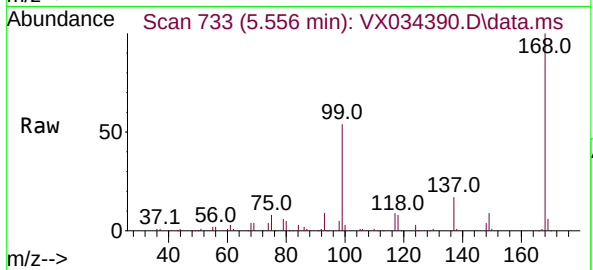
RE132D3-20230306

Tgt Ion:168 Resp: 252167

Ion Ratio Lower Upper

168 100

99 53.9 39.6 59.4



#2

Dichlorodifluoromethane

Concen: 0.691 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX034390.D

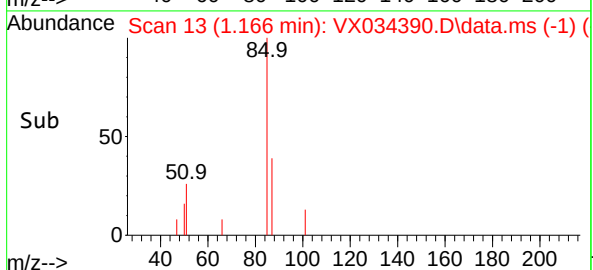
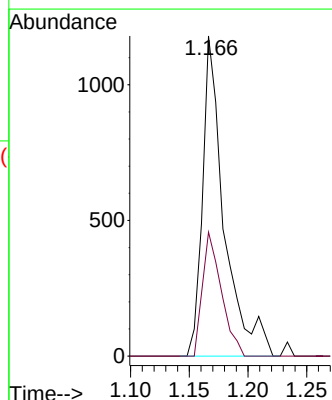
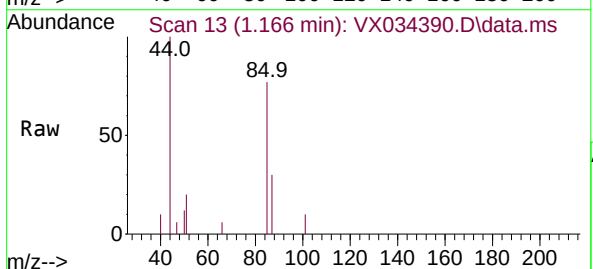
Acq: 08 Mar 2023 17:53

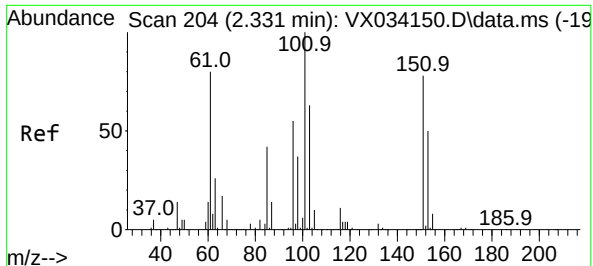
Tgt Ion: 85 Resp: 1506

Ion Ratio Lower Upper

85 100

87 38.7 15.8 47.4

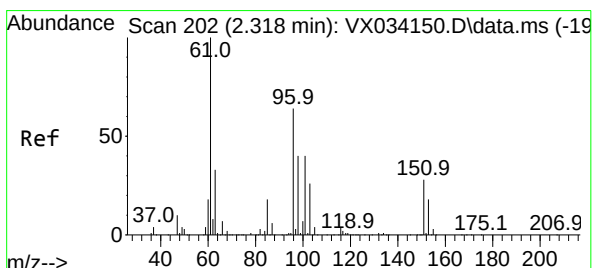
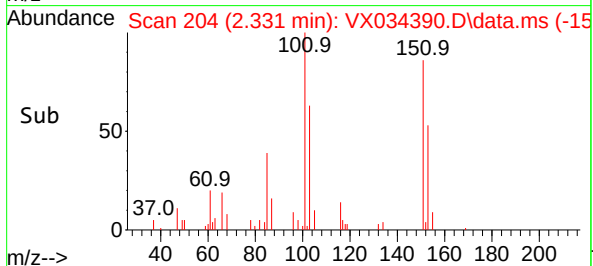
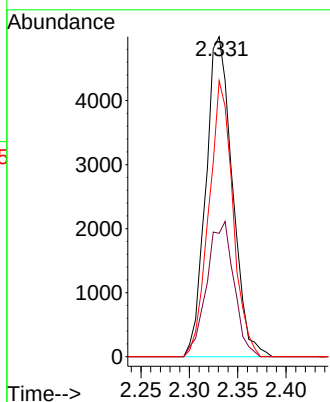
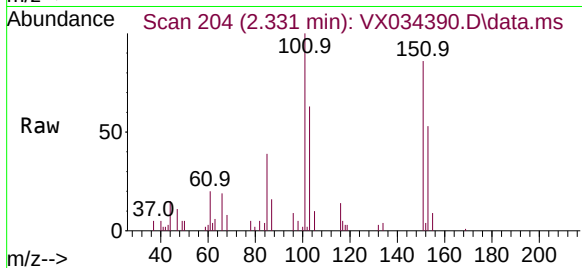




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.501 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

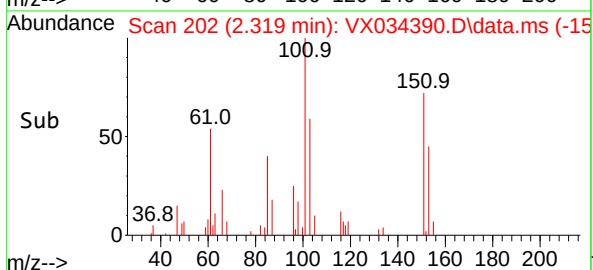
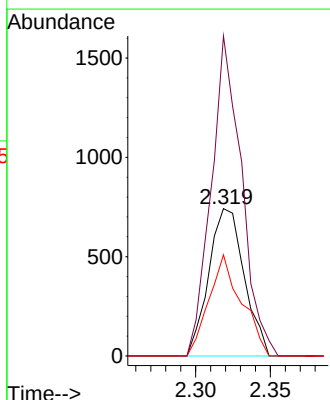
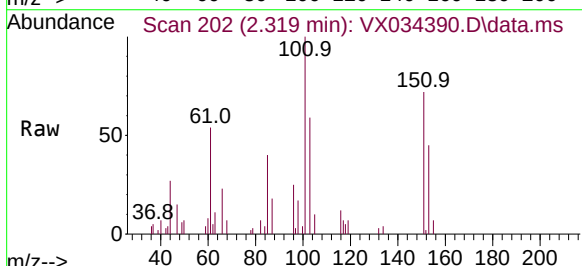
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20230306

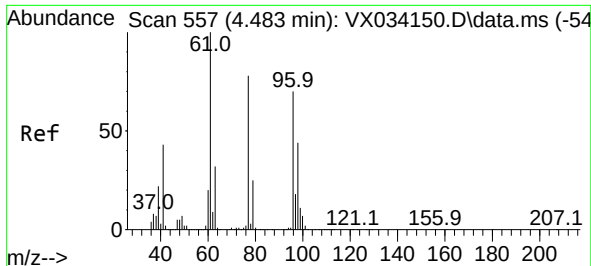
Tgt Ion:101 Resp: 9527
Ion Ratio Lower Upper
101 100
85 43.1 36.7 55.1
151 78.0 66.5 99.7



#12
1,1-Dichloroethene
Concen: 0.448 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

Tgt Ion: 96 Resp: 1223
Ion Ratio Lower Upper
96 100
61 217.1 134.2 201.4#
98 68.6 50.2 75.2





#27

cis-1,2-Dichloroethene

Concen: 0.783 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034390.D

Acq: 08 Mar 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20230306

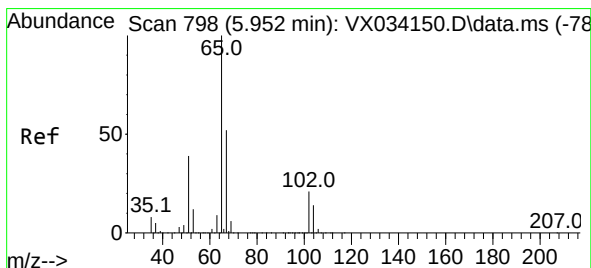
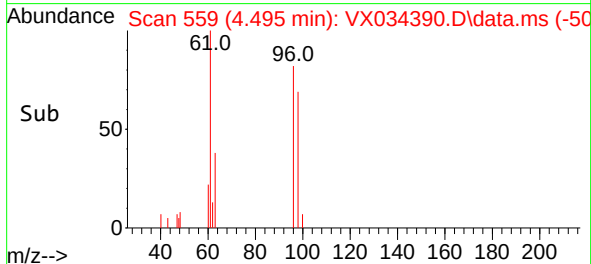
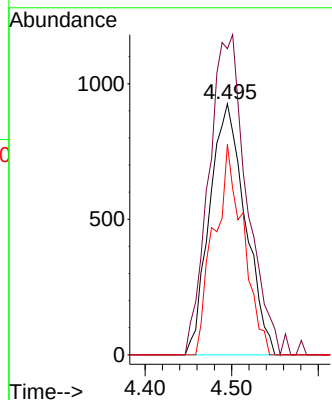
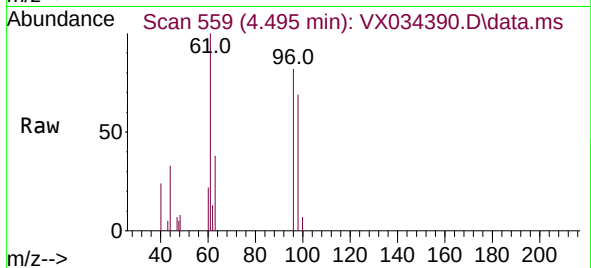
Tgt Ion: 96 Resp: 2650

Ion Ratio Lower Upper

96 100

61 136.3 0.0 277.6

98 68.7 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 48.069 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034390.D

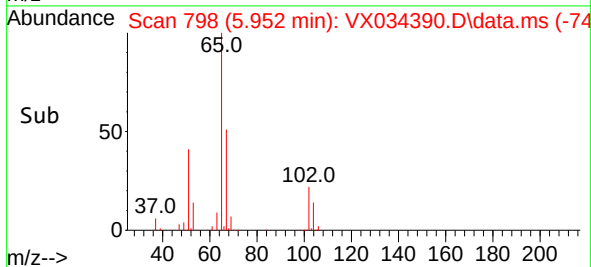
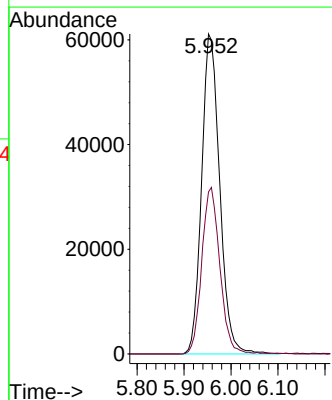
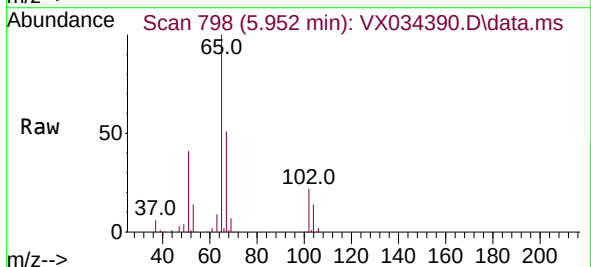
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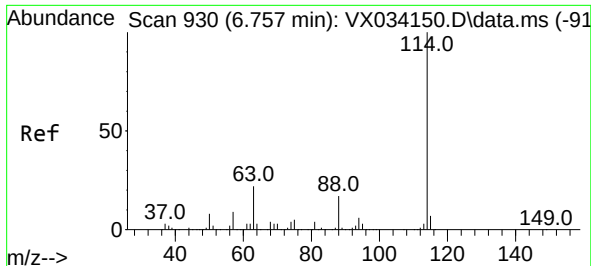
Tgt Ion: 65 Resp: 163248

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8

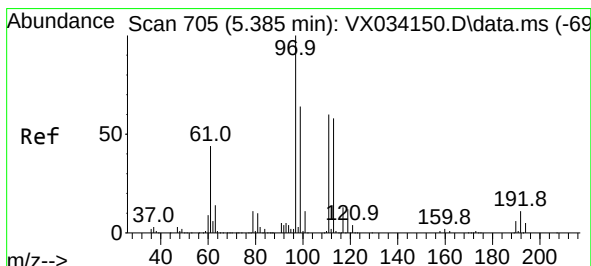
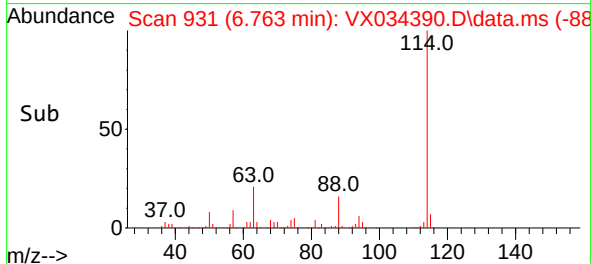
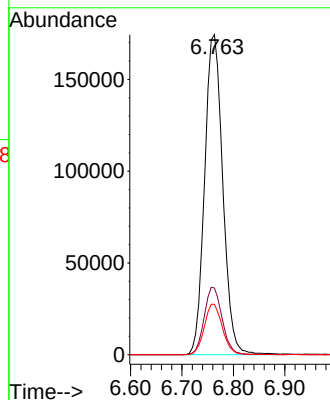
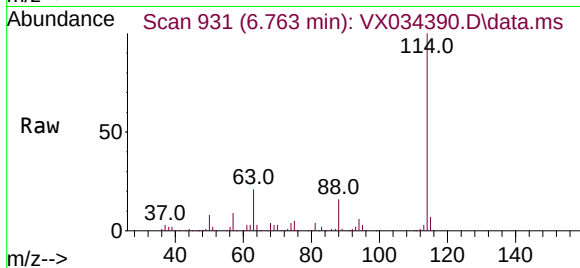




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

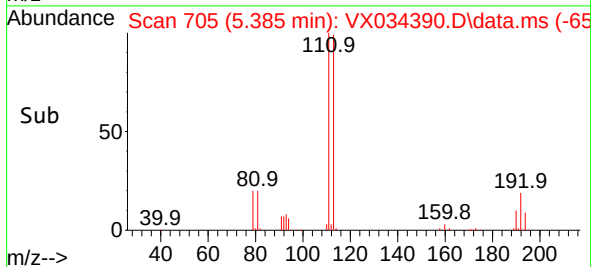
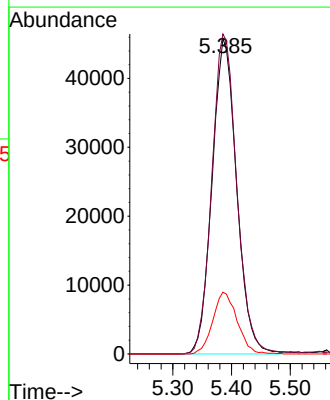
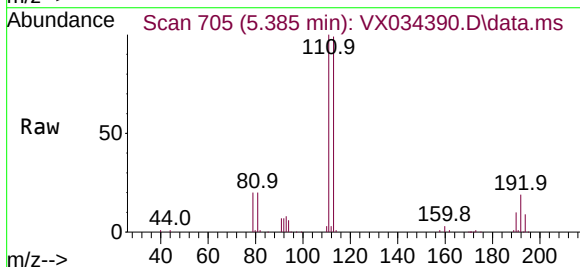
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20230306

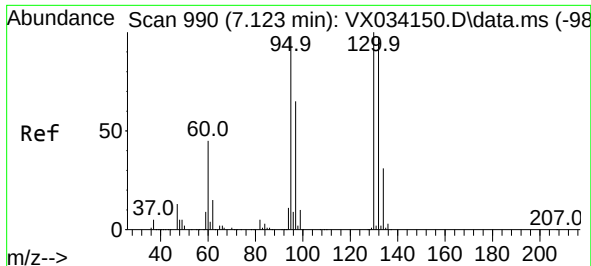
Tgt Ion:114 Resp: 427892
Ion Ratio Lower Upper
114 100
63 20.9 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.685 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

Tgt Ion:113 Resp: 132850
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 19.4 19.0 28.4

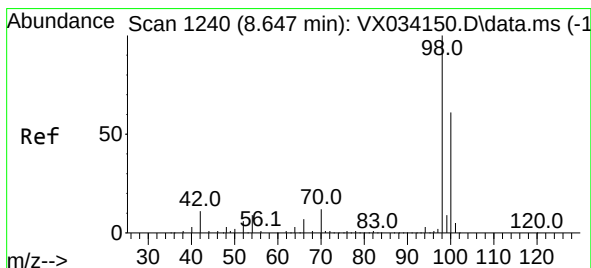
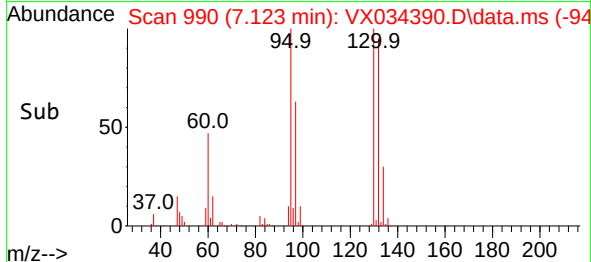
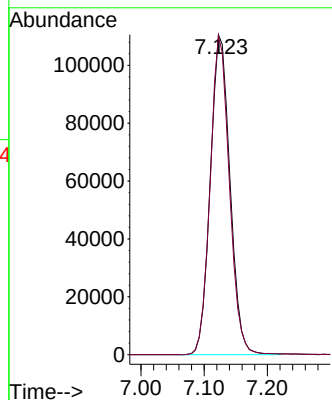
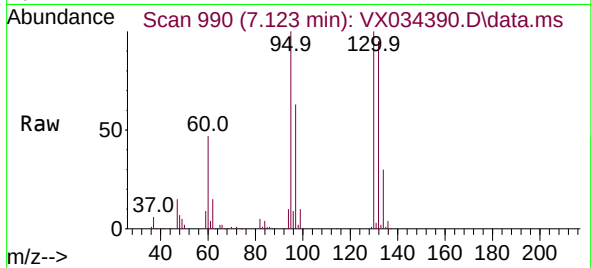




#44
Trichloroethene
Concen: 76.137 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

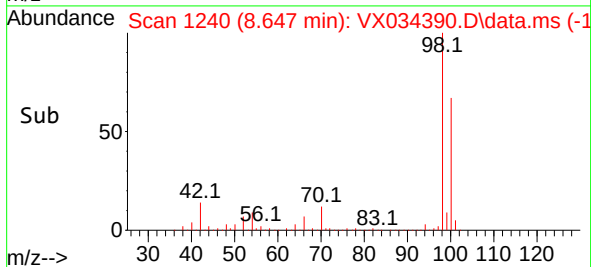
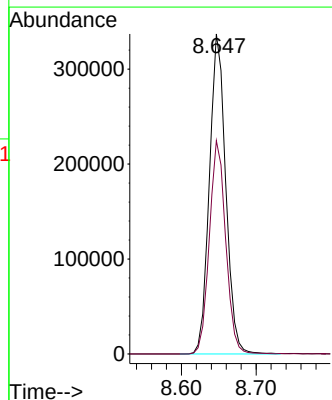
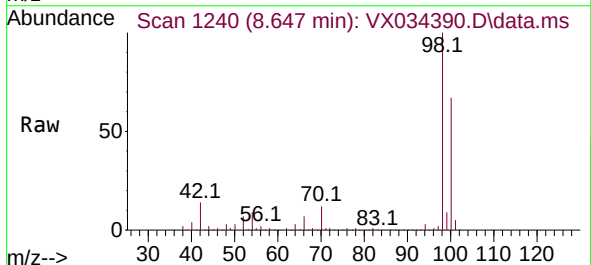
Instrument :
MSVOA_X
ClientSampleId :
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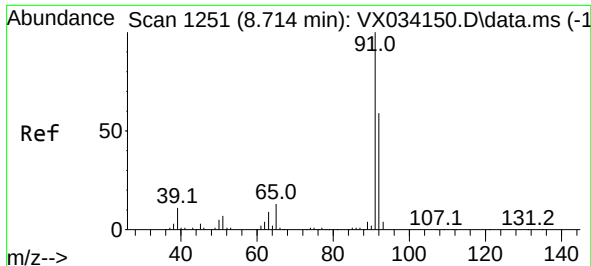
Tgt Ion:130 Resp: 238567
Ion Ratio Lower Upper
130 100
95 99.8 0.0 182.6



#50
Toluene-d8
Concen: 51.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

Tgt Ion: 98 Resp: 511685
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4

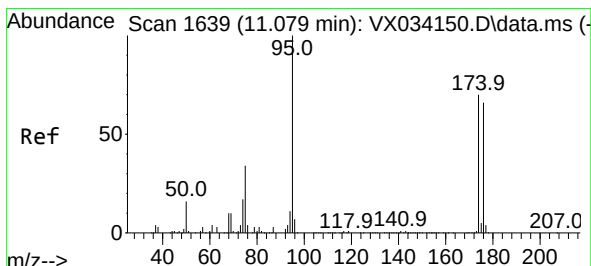
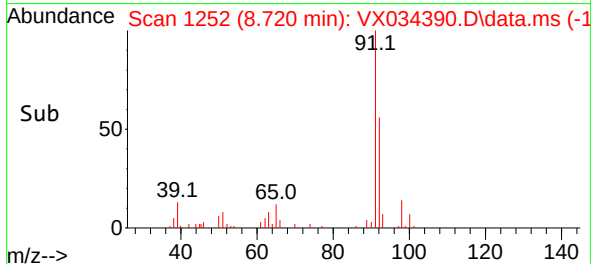
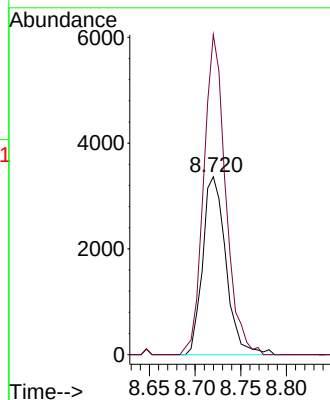
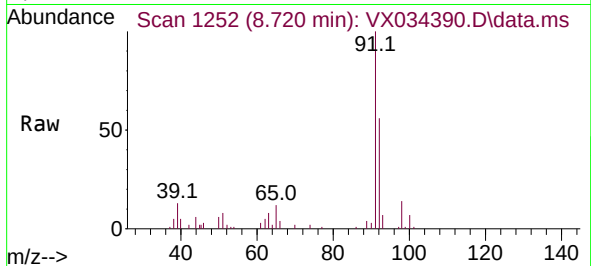




#52
Toluene
Concen: 0.802 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

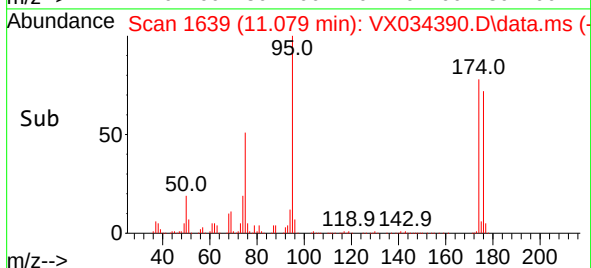
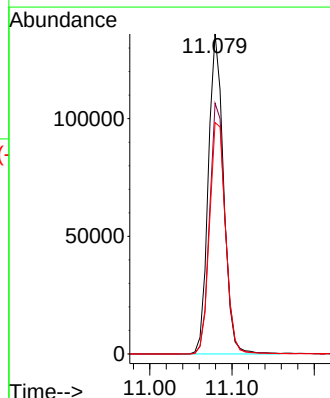
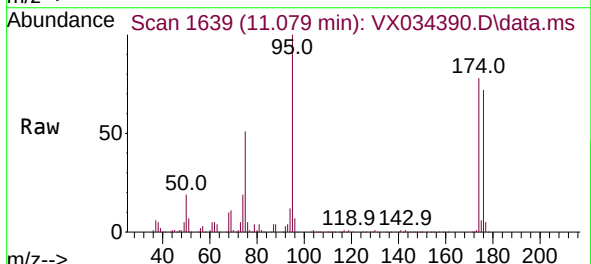
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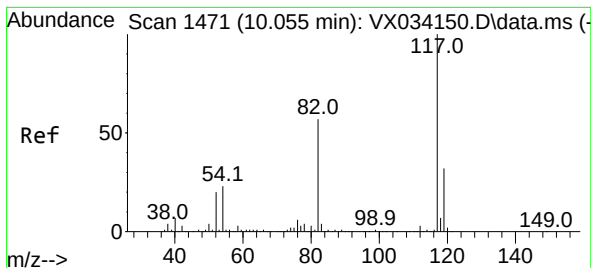
Tgt Ion: 92 Resp: 5931
Ion Ratio Lower Upper
92 100
91 169.9 135.5 203.3



#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034390.D
Acq: 08 Mar 2023 17:53

Tgt Ion: 95 Resp: 175446
Ion Ratio Lower Upper
95 100
174 79.7 0.0 184.4
176 75.9 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034390.D

Acq: 08 Mar 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20230306

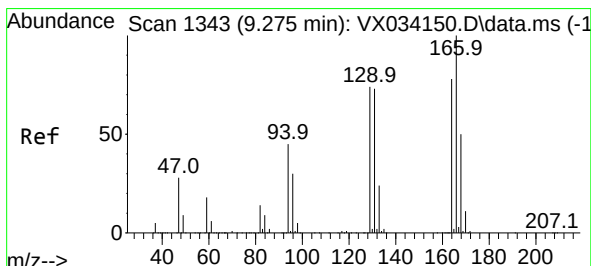
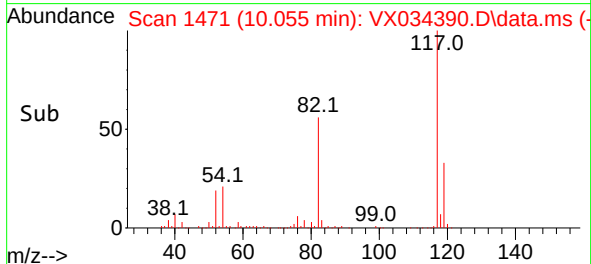
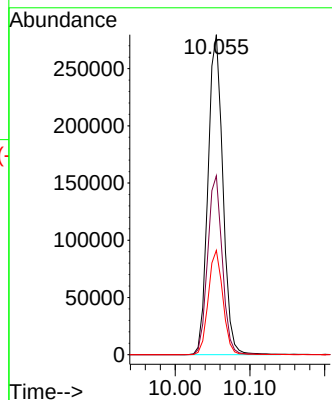
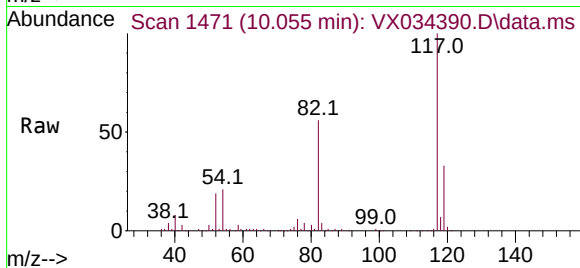
Tgt Ion:117 Resp: 385346

Ion Ratio Lower Upper

117 100

82 55.9 40.6 60.8

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 2.326 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034390.D

Acq: 08 Mar 2023 17:53

Tgt Ion:164 Resp: 6326

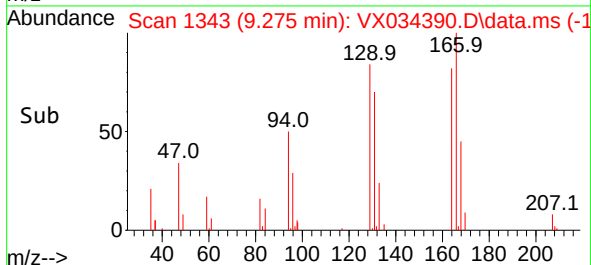
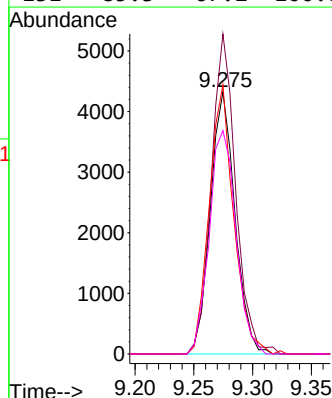
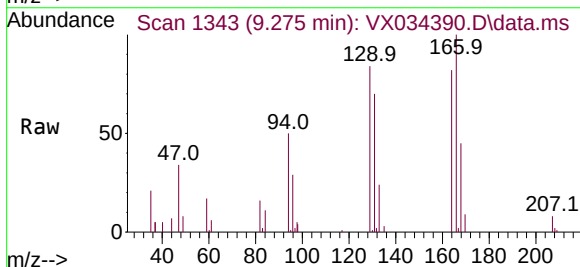
Ion Ratio Lower Upper

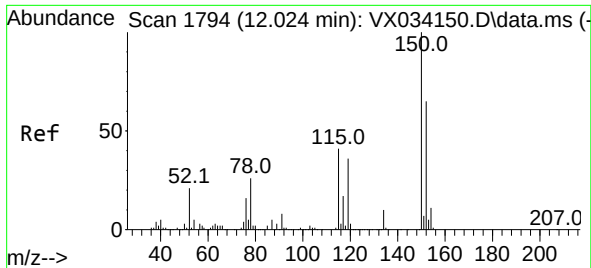
164 100

166 122.2 100.2 150.2

129 102.7 69.2 103.8

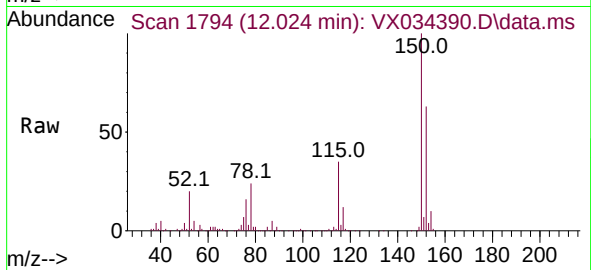
131 85.3 67.2 100.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034390.D
 Acq: 08 Mar 2023 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20230306



Tgt Ion:152 Resp: 163702
 Ion Ratio Lower Upper
 152 100
 115 58.5 38.7 116.1
 150 157.2 0.0 348.2

