

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032991.D
 Acq On : 22 Nov 2022 20:18
 Operator : JC/MD
 Sample : N5729-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20221117

Quant Time: Nov 23 05:50:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

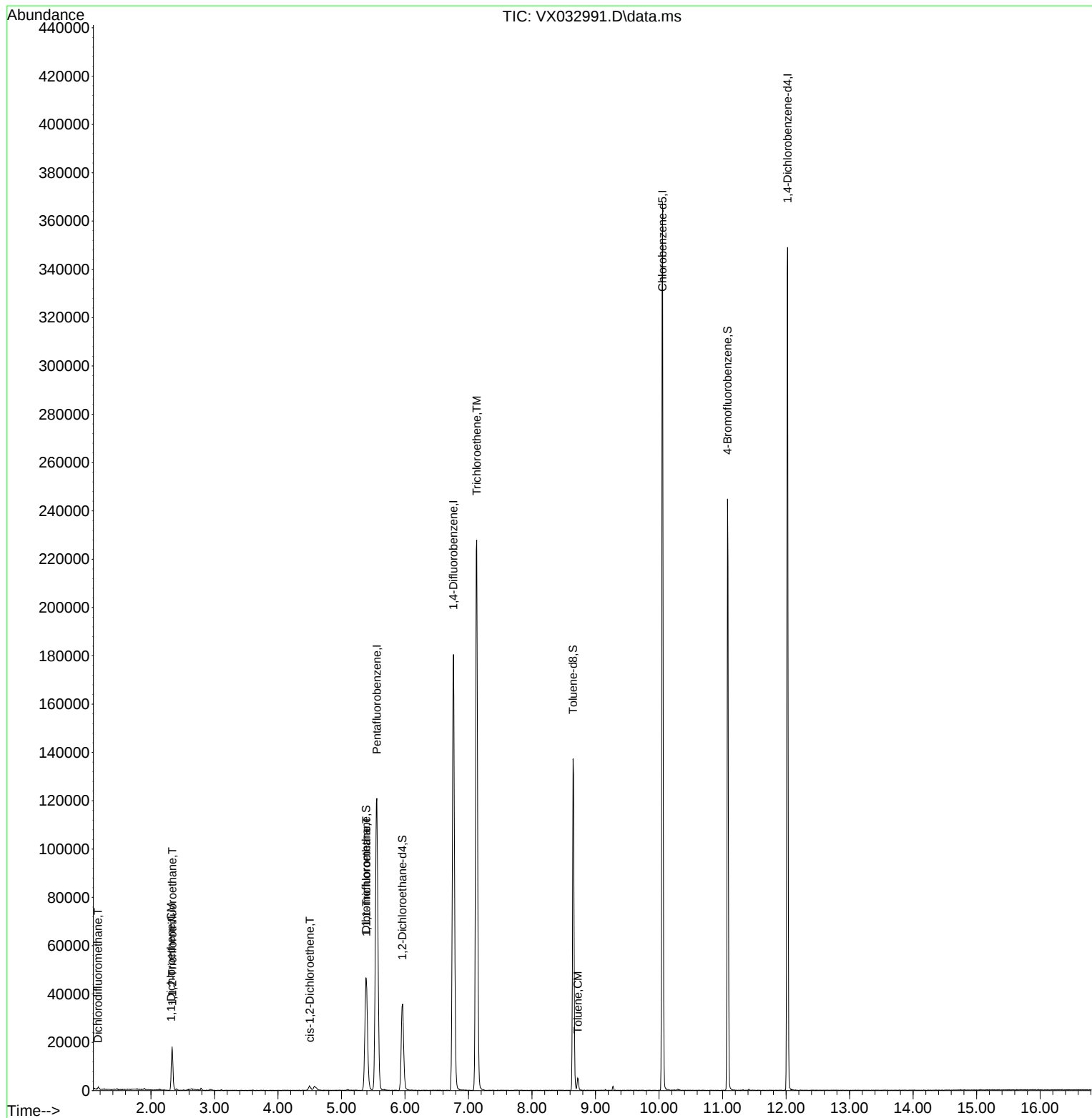
Internal Standards						
1) Pentafluorobenzene	5.556	168	113869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36558	31.710	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	63.420%#		
35) Dibromofluoromethane	5.385	113	40071	38.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.760%		
50) Toluene-d8	8.647	98	82902	25.685	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	51.380%#		
62) 4-Bromofluorobenzene	11.079	95	61319	45.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	548	0.630	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.337	101	6084	5.703	ug/l	97
12) 1,1-Dichloroethene	2.319	96	737	0.742	ug/l #	86
27) cis-1,2-Dichloroethene	4.501	96	1120	0.867	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	932	0.465	ug/l #	49
44) Trichloroethene	7.129	130	87913	67.807	ug/l	100
52) Toluene	8.720	92	2087	0.687	ug/l	97

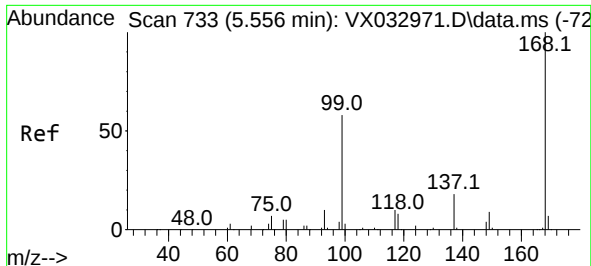
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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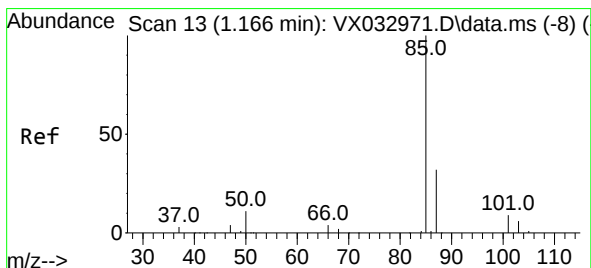
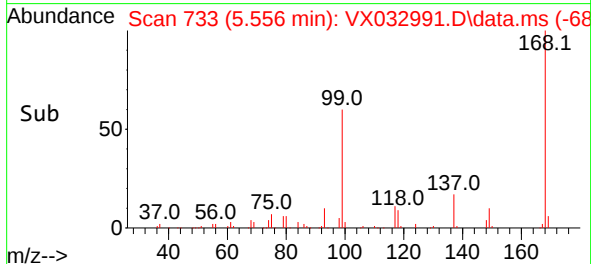
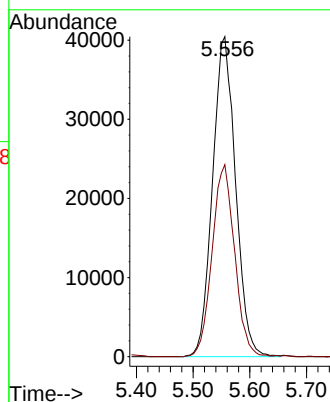
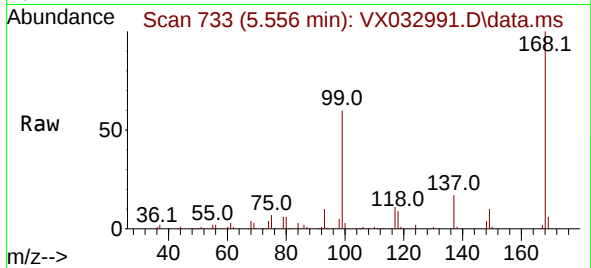




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032991.D
Acq: 22 Nov 2022 20:18

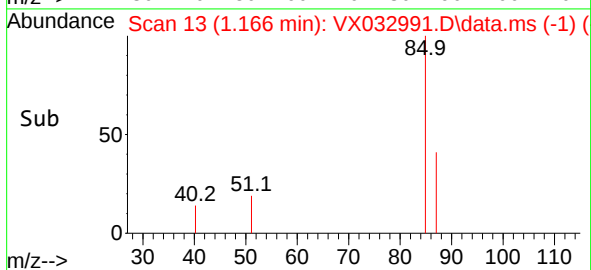
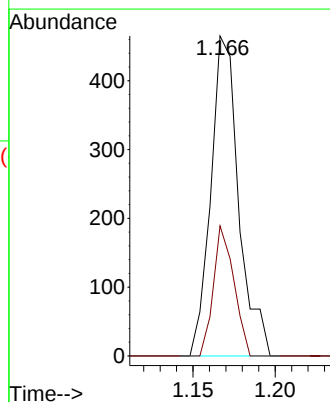
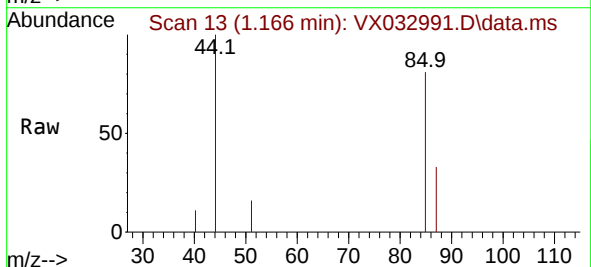
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117

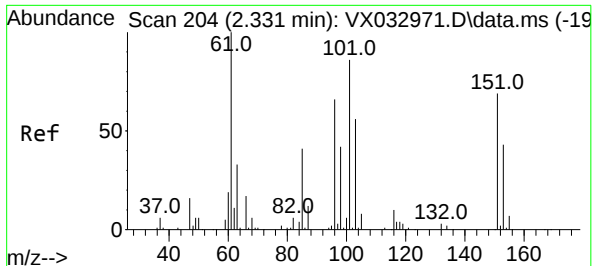
Tgt Ion:168 Resp: 113869
Ion Ratio Lower Upper
168 100
99 60.0 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.630 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032991.D
Acq: 22 Nov 2022 20:18

Tgt Ion: 85 Resp: 548
Ion Ratio Lower Upper
85 100
87 40.6 15.6 46.7

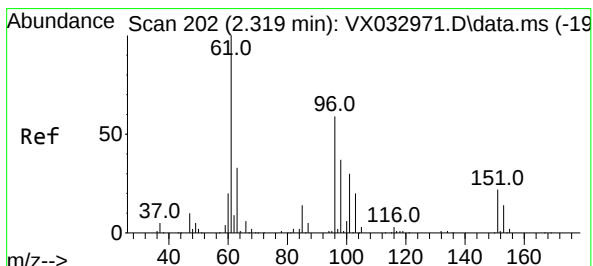
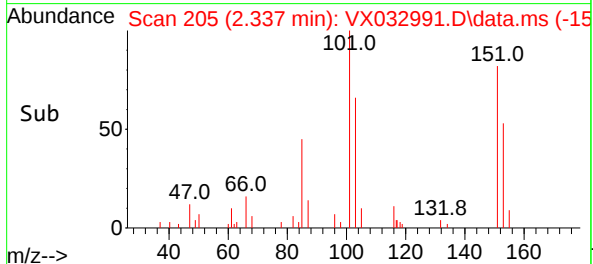
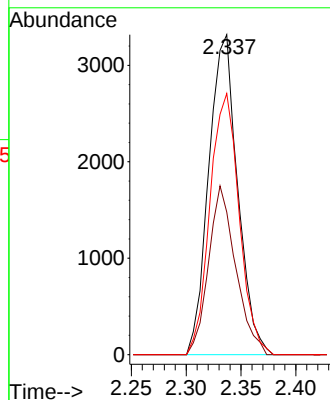
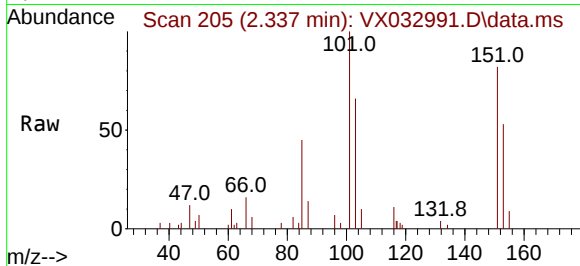




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.703 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX032991.D
Acq: 22 Nov 2022 20:18

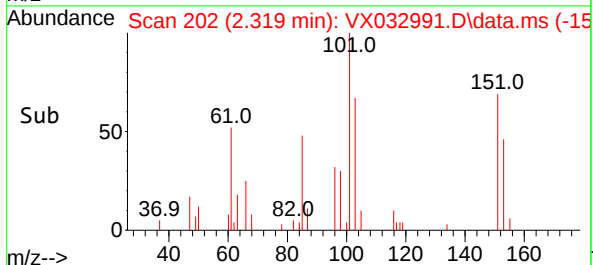
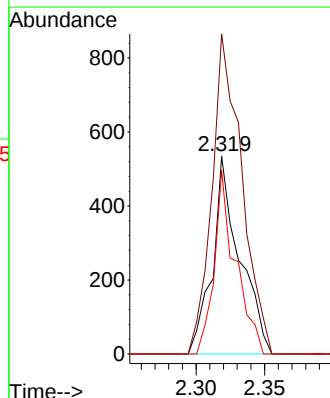
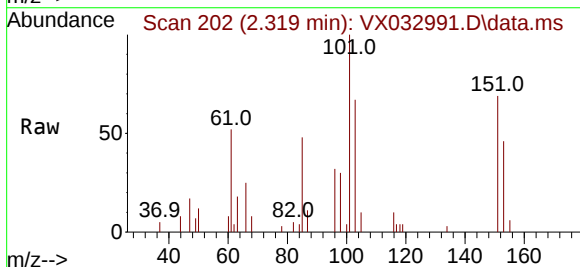
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20221117

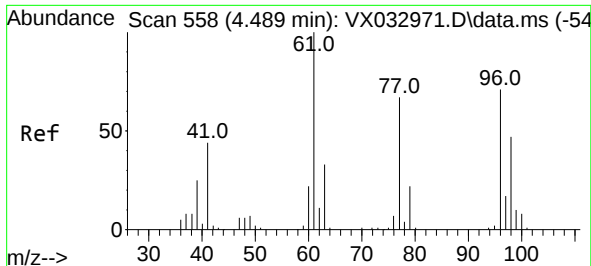
Tgt Ion:101 Resp: 6084
Ion Ratio Lower Upper
101 100
85 49.5 37.0 55.4
151 82.5 64.4 96.6



#12
1,1-Dichloroethene
Concen: 0.742 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032991.D
Acq: 22 Nov 2022 20:18

Tgt Ion: 96 Resp: 737
Ion Ratio Lower Upper
96 100
61 161.7 125.1 187.7
98 92.7 50.6 76.0#





#27

cis-1,2-Dichloroethene

Concen: 0.867 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX032991.D

Acq: 22 Nov 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20221117

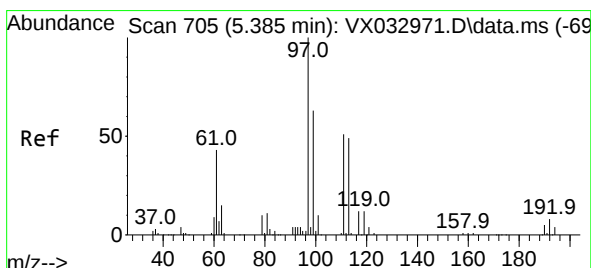
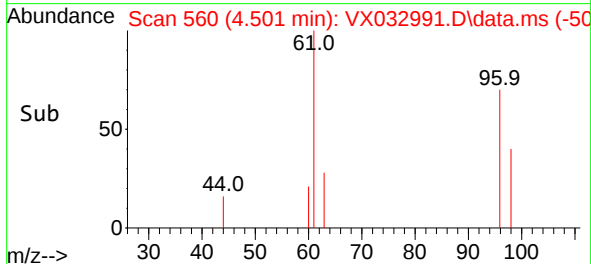
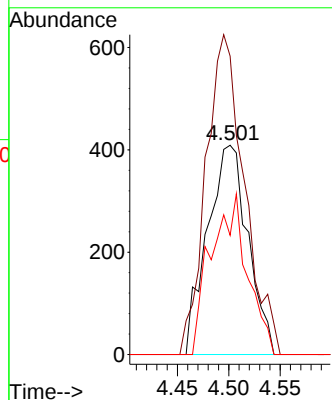
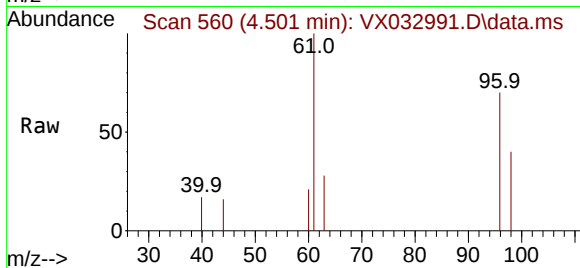
Tgt Ion: 96 Resp: 1120

Ion Ratio Lower Upper

96 100

61 144.7 0.0 286.0

98 68.8 0.0 129.6



#32

1,1,1-Trichloroethane

Concen: 0.465 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032991.D

Acq: 22 Nov 2022 20:18

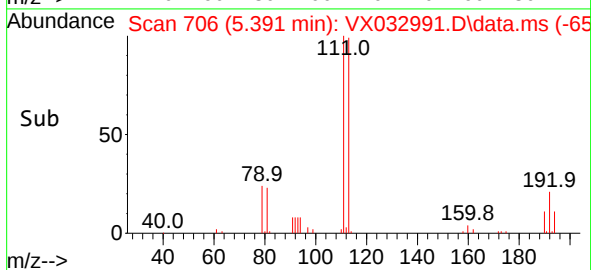
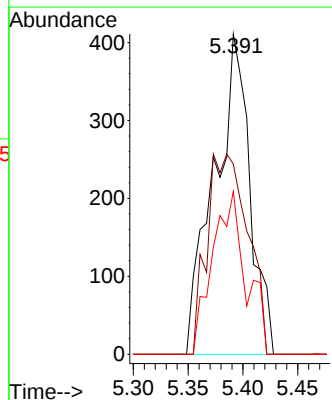
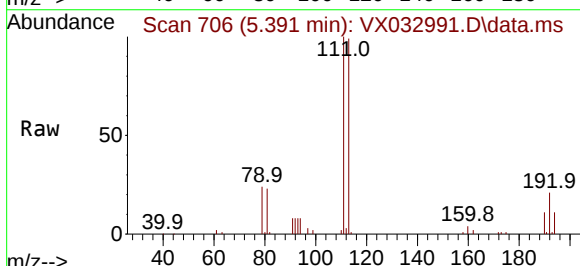
Tgt Ion: 97 Resp: 932

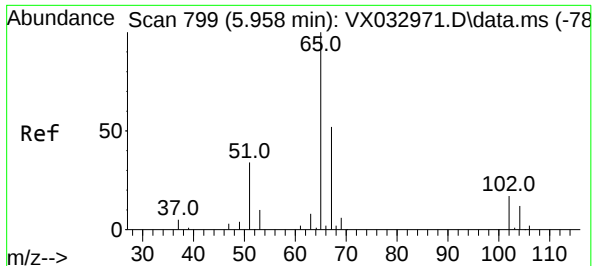
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 47.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 31.710 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032991.D

Acq: 22 Nov 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

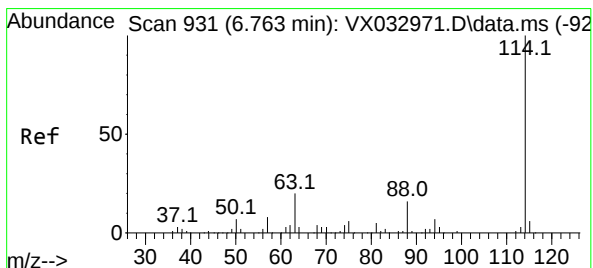
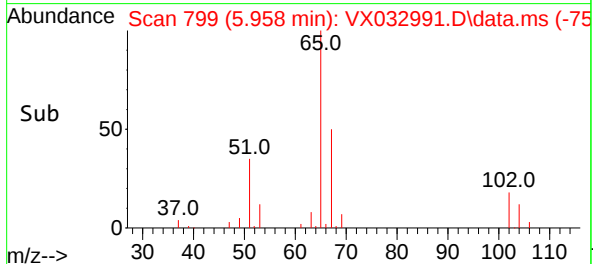
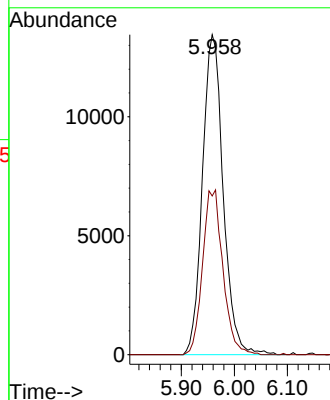
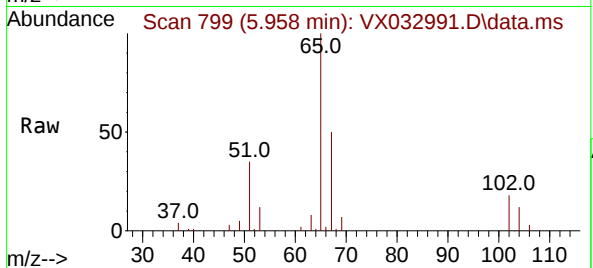
DUP02-20221117

Tgt Ion: 65 Resp: 36558

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032991.D

Acq: 22 Nov 2022 20:18

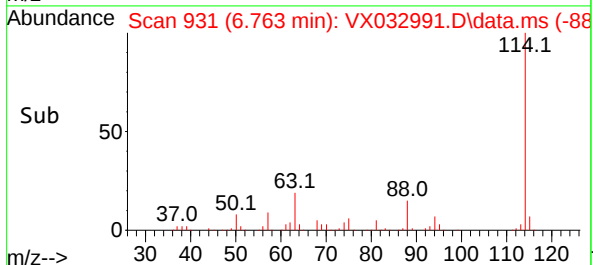
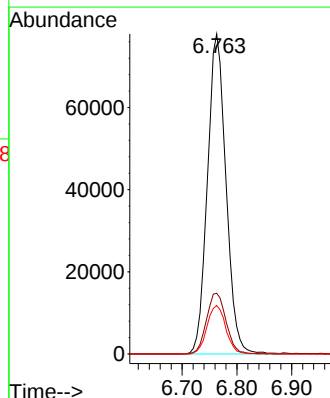
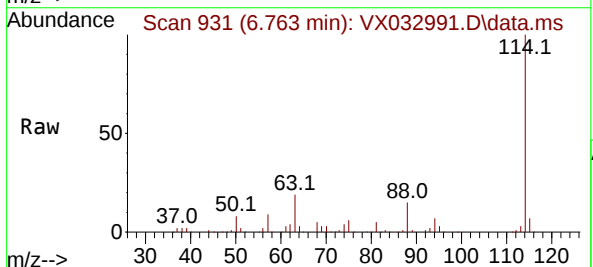
Tgt Ion: 114 Resp: 182810

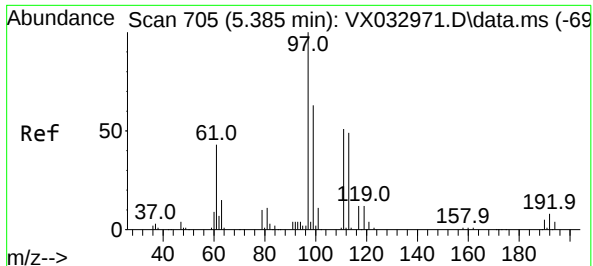
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 38.881 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032991.D

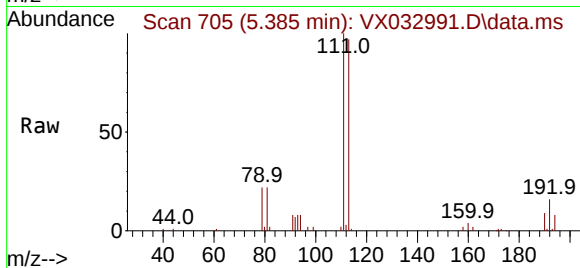
Acq: 22 Nov 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20221117



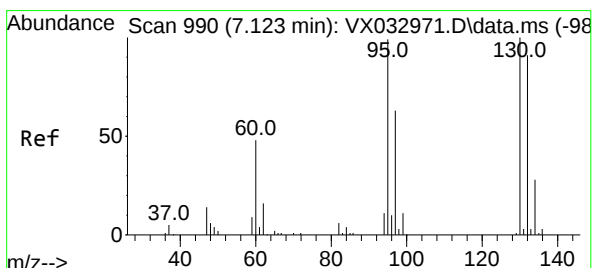
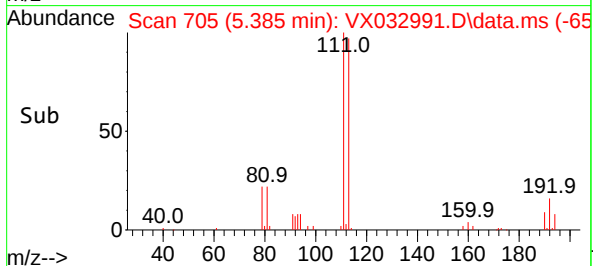
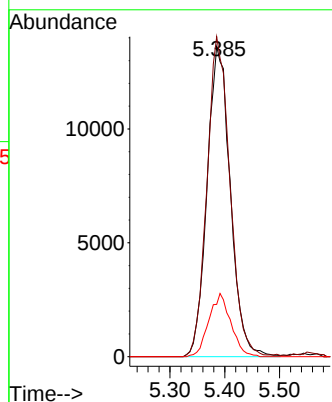
Tgt Ion:113 Resp: 40071

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.3 15.4 23.2



#44

Trichloroethene

Concen: 67.807 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032991.D

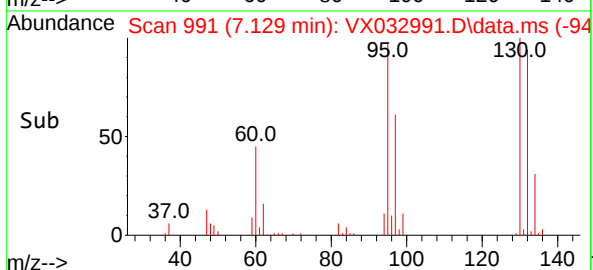
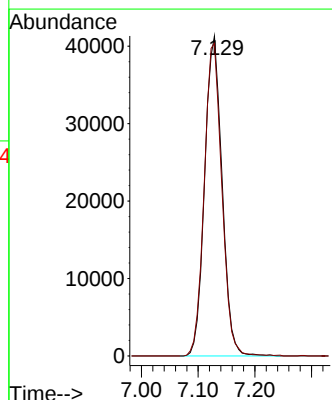
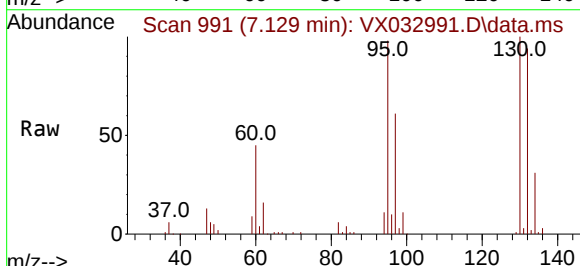
Acq: 22 Nov 2022 20:18

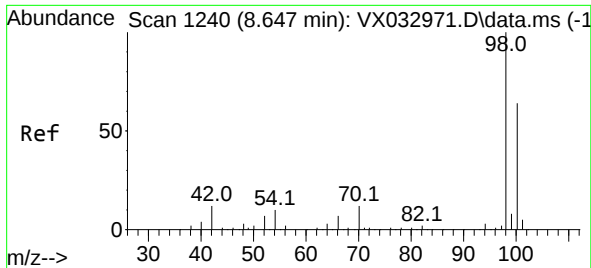
Tgt Ion:130 Resp: 87913

Ion Ratio Lower Upper

130 100

95 97.7 0.0 195.2

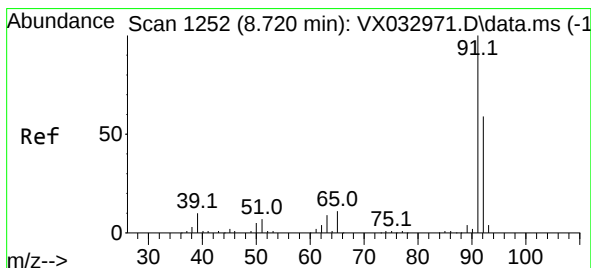
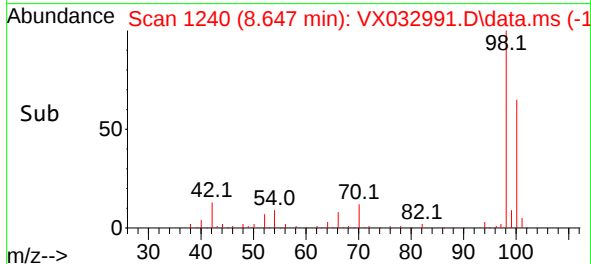
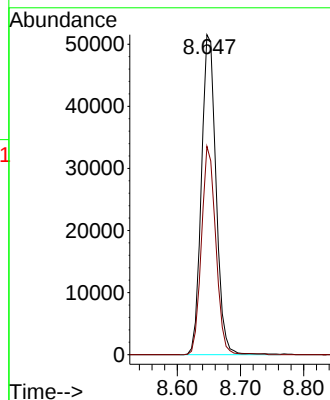
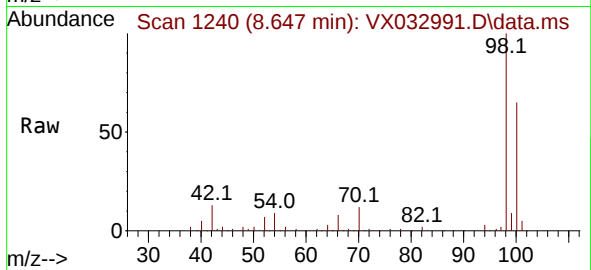




#50
Toluene-d8
Concen: 25.685 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032991.D
Acq: 22 Nov 2022 20:18

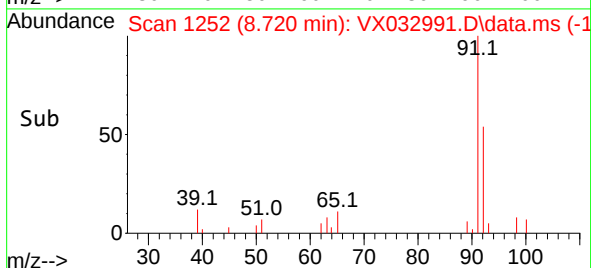
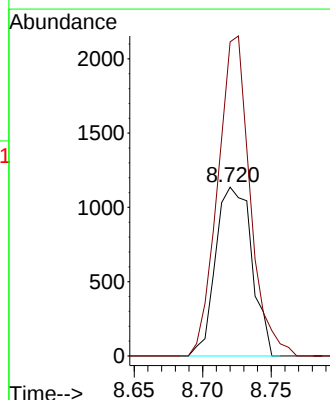
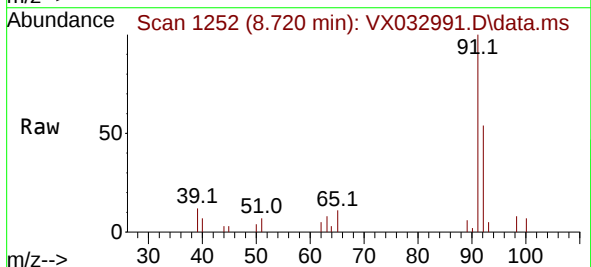
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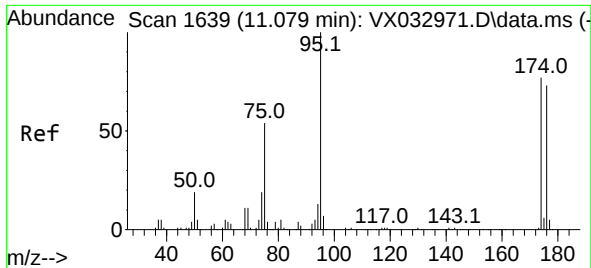
Tgt Ion: 98 Resp: 82902
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#52
Toluene
Concen: 0.687 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032991.D
Acq: 22 Nov 2022 20:18

Tgt Ion: 92 Resp: 2087
Ion Ratio Lower Upper
92 100
91 169.3 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 45.293 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032991.D

Acq: 22 Nov 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20221117

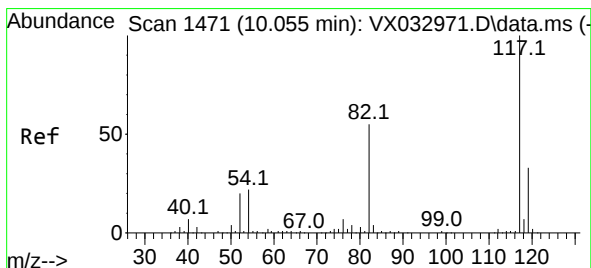
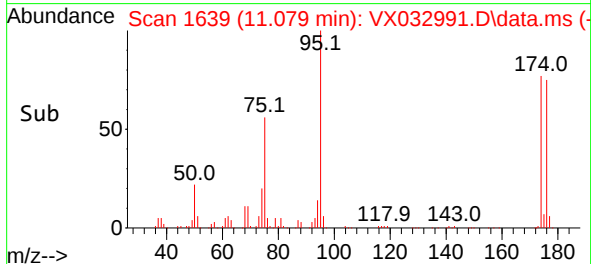
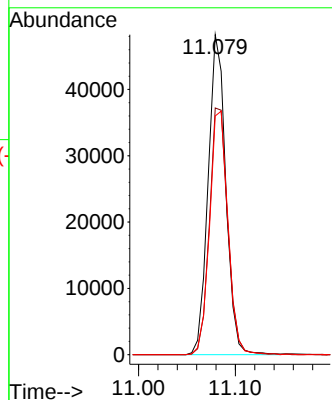
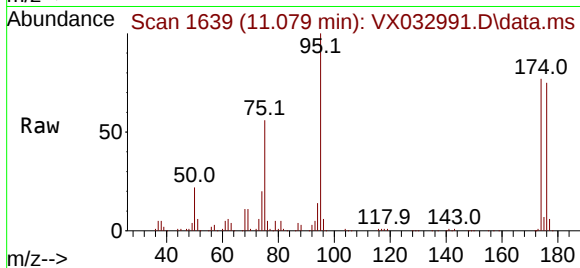
Tgt Ion: 95 Resp: 61319

Ion Ratio Lower Upper

95 100

174 80.3 0.0 164.0

176 79.2 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032991.D

Acq: 22 Nov 2022 20:18

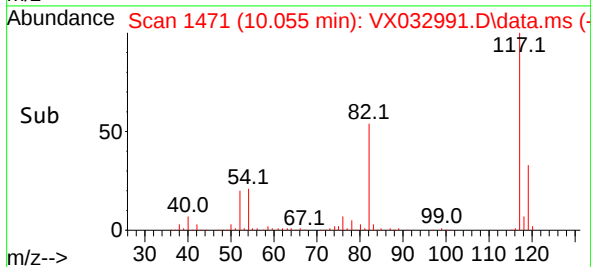
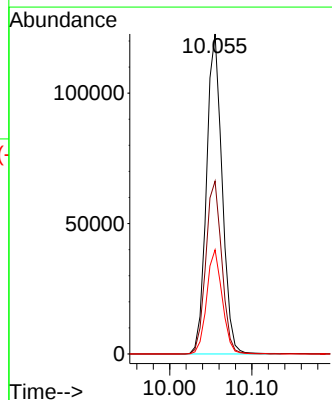
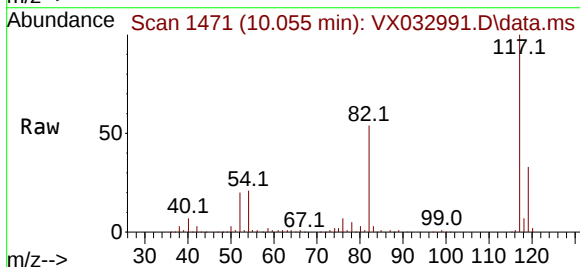
Tgt Ion: 117 Resp: 161990

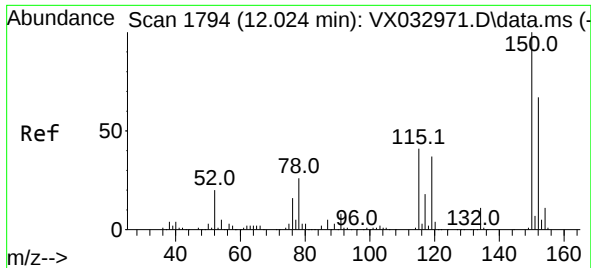
Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032991.D

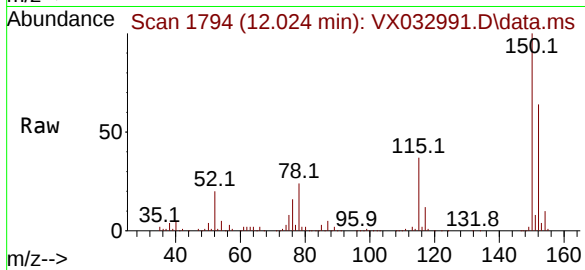
Acq: 22 Nov 2022 20:18

Instrument :

MSVOA_X

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Tgt Ion:152 Resp: 74246

Ion Ratio Lower Upper

152 100

115 59.5 44.0 132.0

150 154.1 0.0 351.8

