

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032954.D
 Acq On : 21 Nov 2022 15:55
 Operator : JC/MD
 Sample : N5729-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20221117

Quant Time: Nov 22 05:12:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

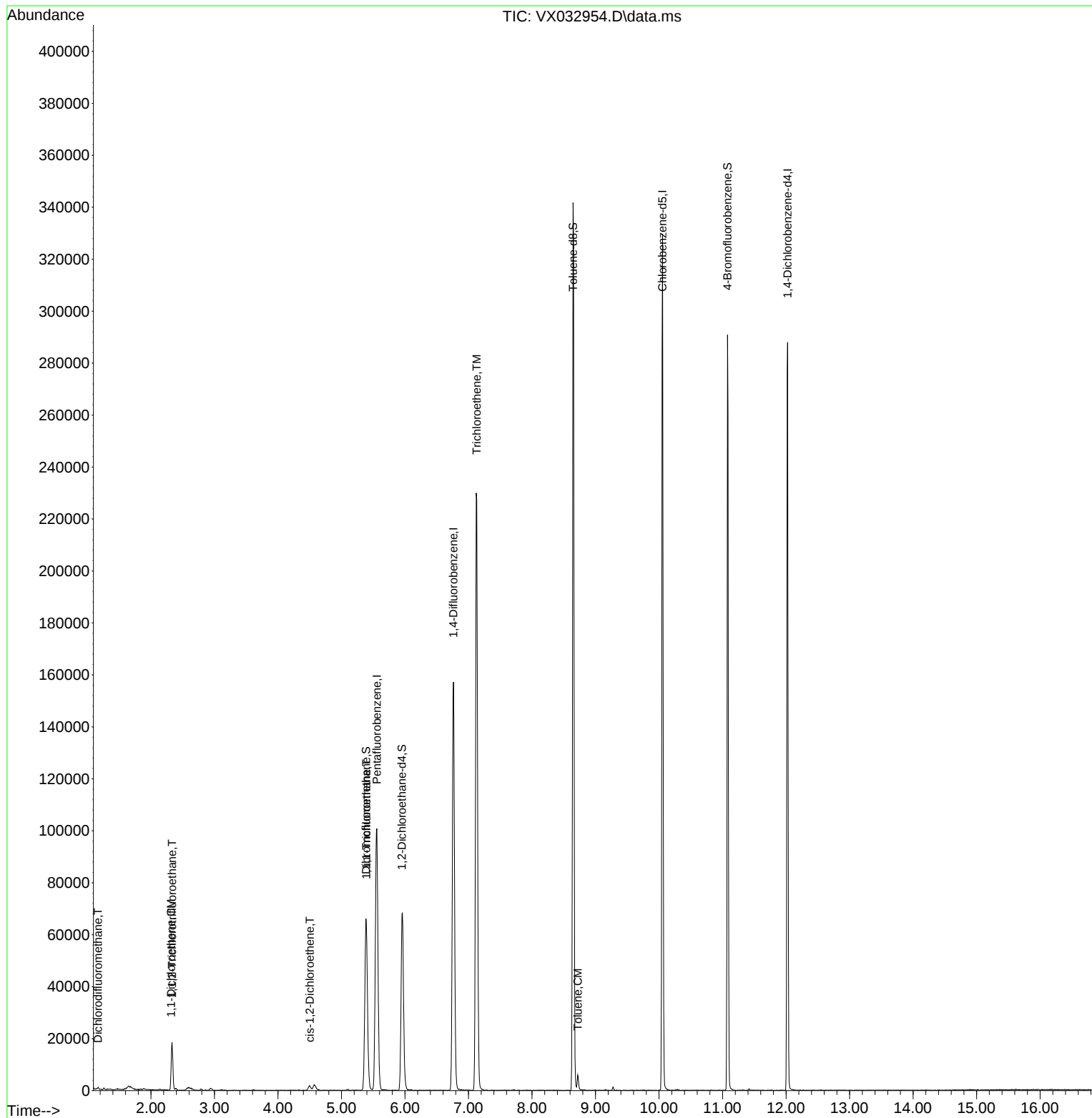
Internal Standards						
1) Pentafluorobenzene	5.556	168	97351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69590	51.446	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.900%			
35) Dibromofluoromethane	5.385	113	56626	49.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.140%			
50) Toluene-d8	8.647	98	201989	50.334	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	72711	46.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	473	0.421	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	6367	6.092	ug/l	98
12) 1,1-Dichloroethene	2.319	96	871	0.892	ug/l #	70
27) cis-1,2-Dichloroethene	4.501	96	1322	1.076	ug/l	84
32) 1,1,1-Trichloroethane	5.391	97	1040	0.545	ug/l #	49
44) Trichloroethene	7.129	130	88826	69.382	ug/l	99
52) Toluene	8.720	92	2105	0.709	ug/l	99

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

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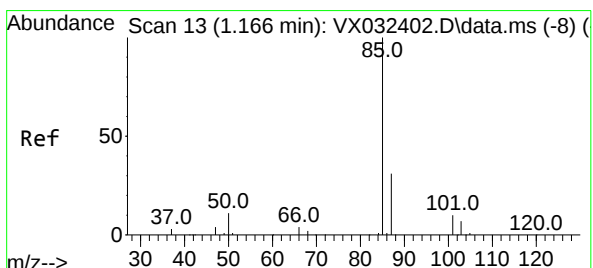
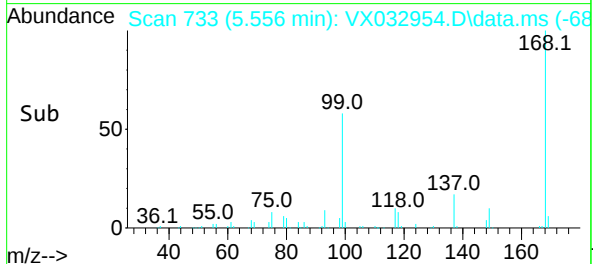
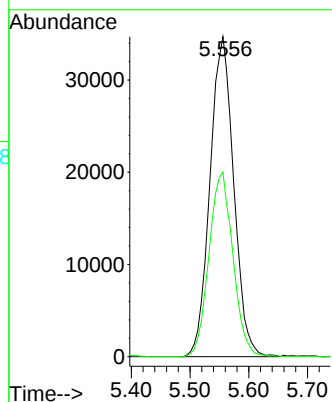
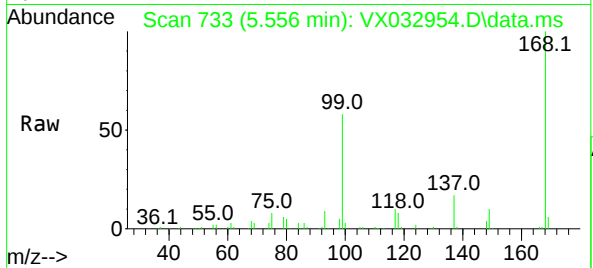




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

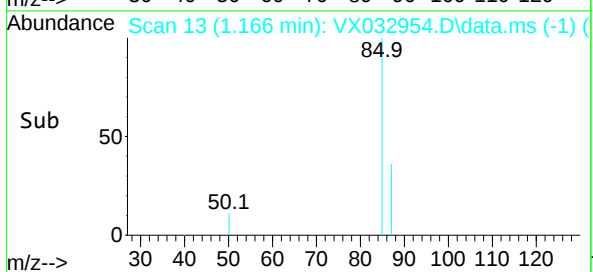
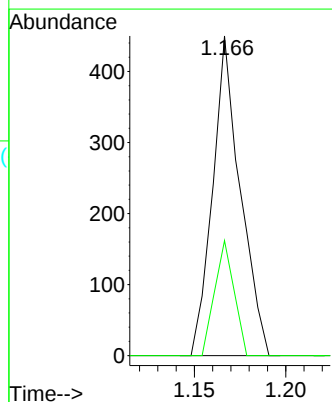
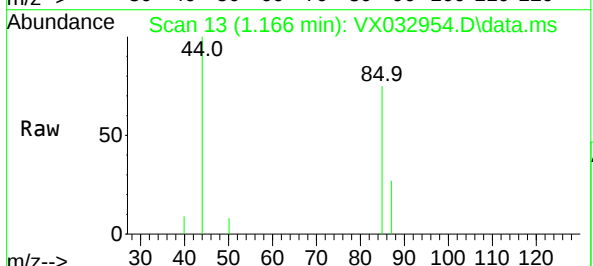
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

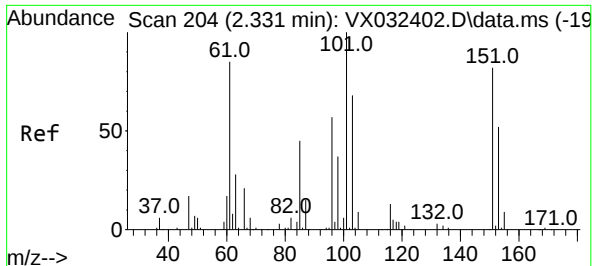
Tgt Ion:168 Resp: 97351
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.421 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 85 Resp: 473
Ion Ratio Lower Upper
85 100
87 36.0 15.6 46.7

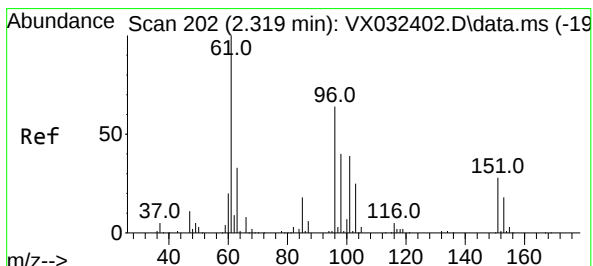
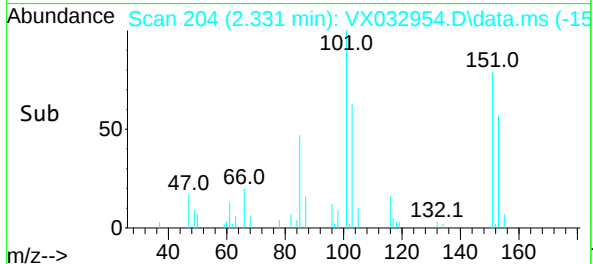
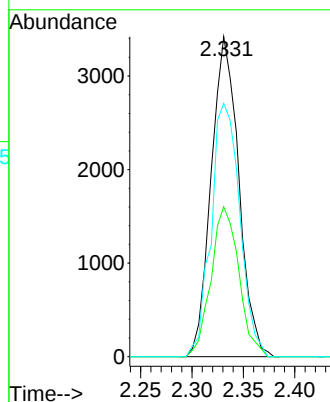
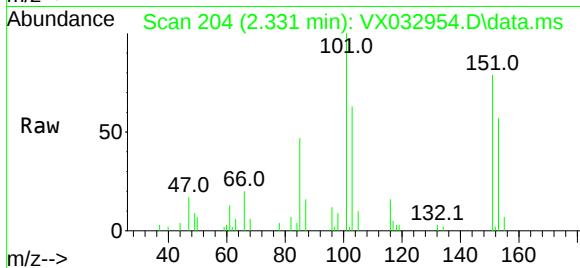




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.092 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX032954.D
 Acq: 21 Nov 2022 15:55

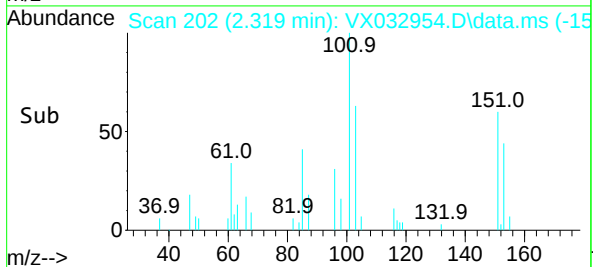
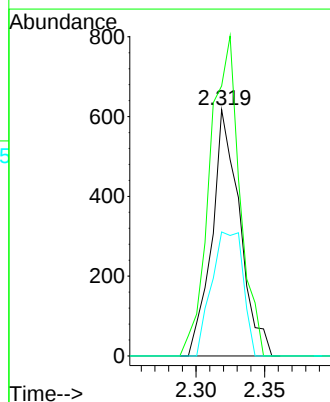
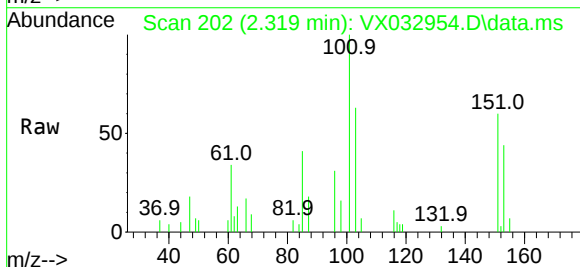
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20221117

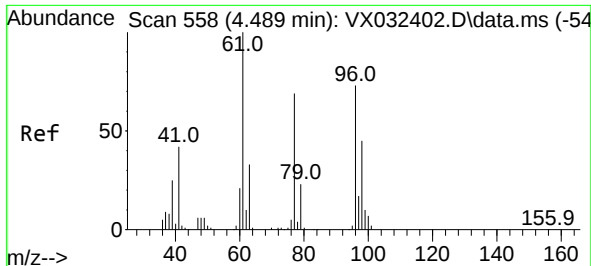
Tgt Ion:101 Resp: 6367
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.0 55.4
 151 82.5 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 0.892 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX032954.D
 Acq: 21 Nov 2022 15:55

Tgt Ion: 96 Resp: 871
 Ion Ratio Lower Upper
 96 100
 61 109.7 125.1 187.7#
 98 50.4 50.6 76.0#





#27

cis-1,2-Dichloroethene

Concen: 1.076 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20221117

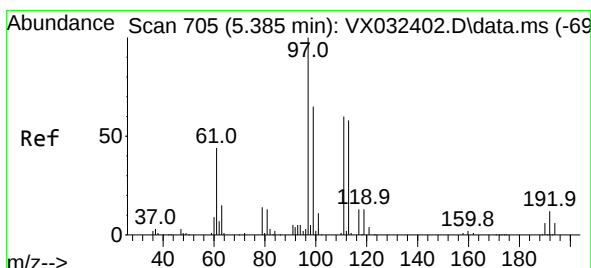
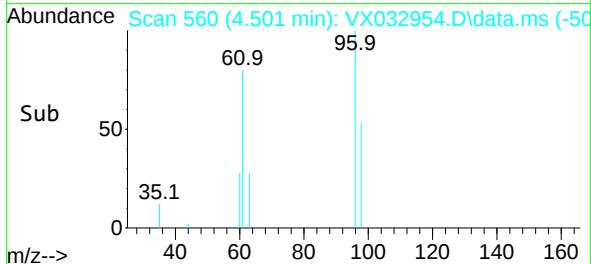
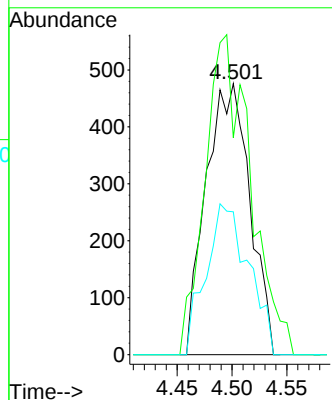
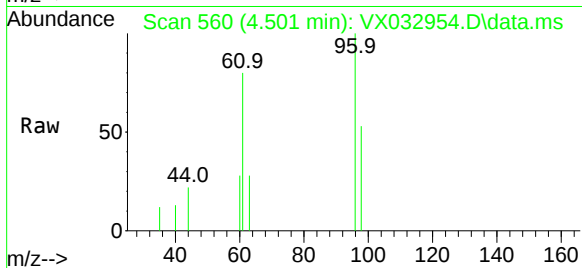
Tgt Ion: 96 Resp: 1322

Ion Ratio Lower Upper

96 100

61 121.9 0.0 286.0

98 54.2 0.0 129.6



#32

1,1,1-Trichloroethane

Concen: 0.545 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

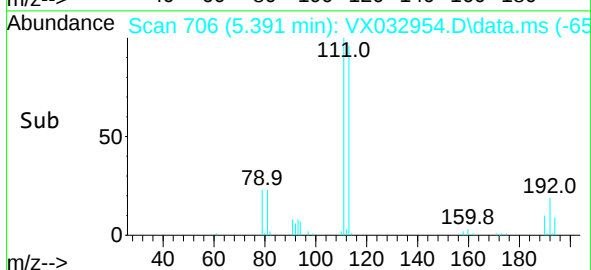
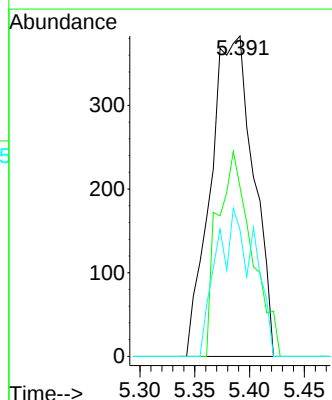
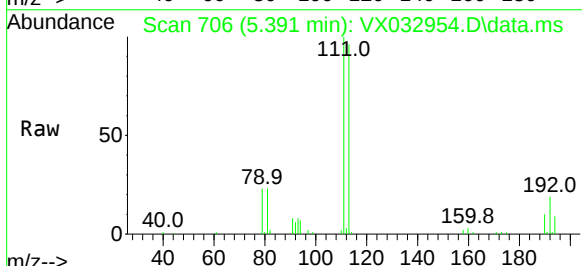
Tgt Ion: 97 Resp: 1040

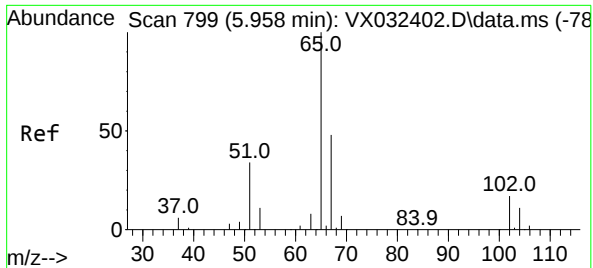
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 41.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.446 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

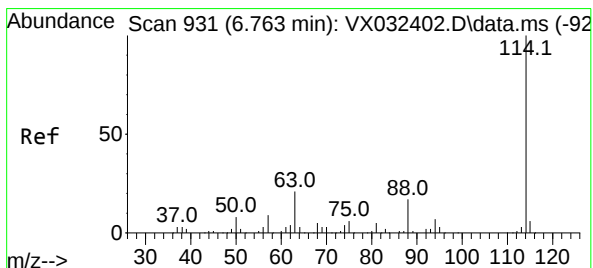
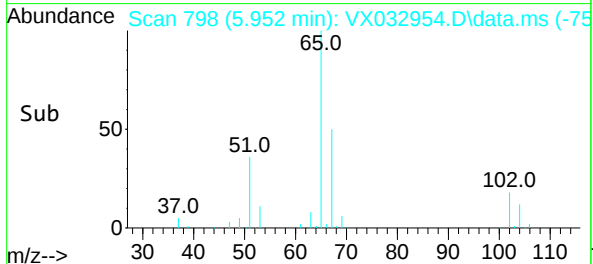
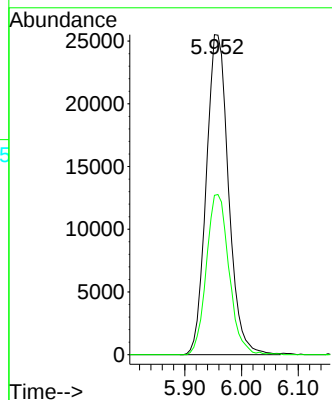
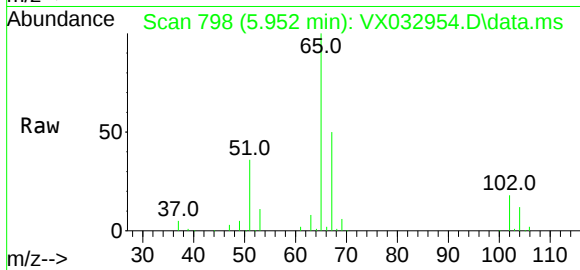
RE105D1-20221117

Tgt Ion: 65 Resp: 69590

Ion Ratio Lower Upper

65 100

67 50.8 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: VX032954.D

Acq: 21 Nov 2022 15:55

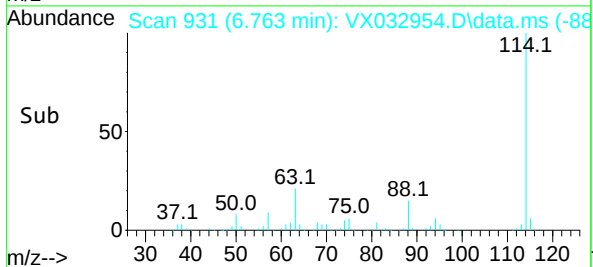
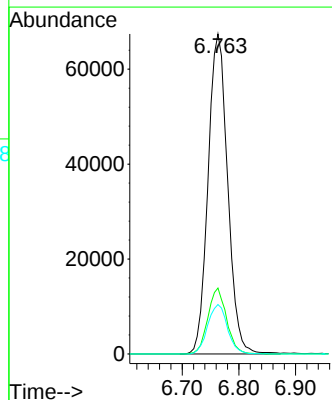
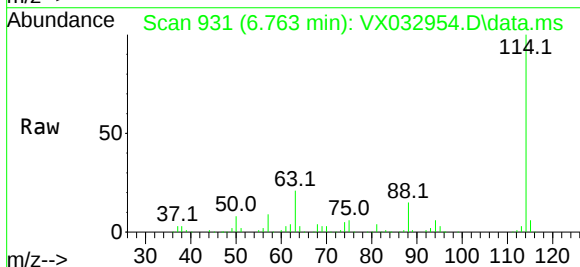
Tgt Ion: 114 Resp: 161791

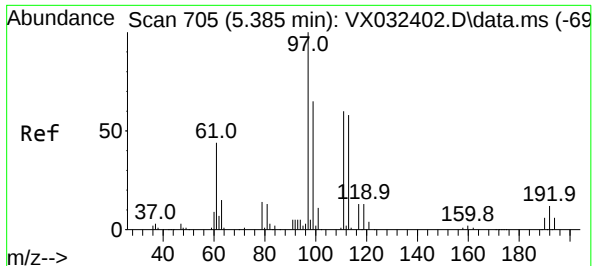
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.066 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20221117

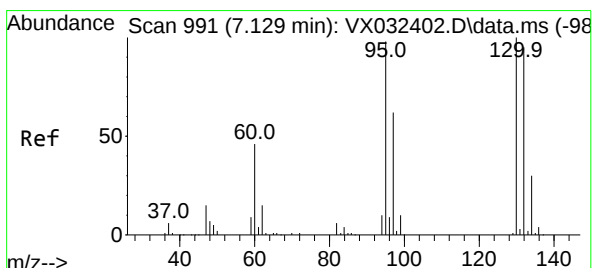
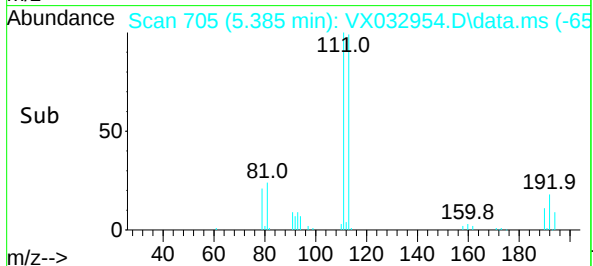
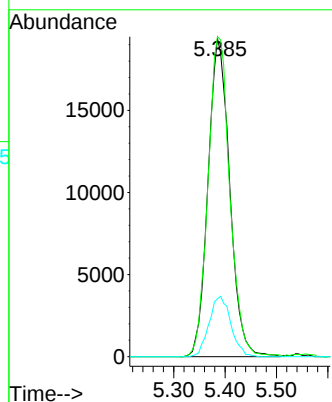
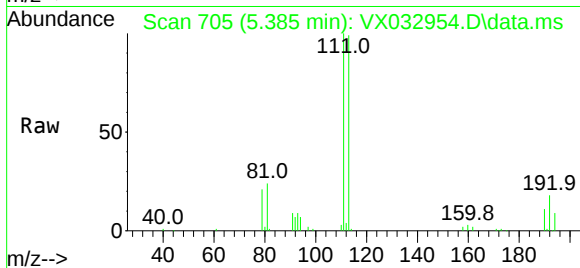
Tgt Ion:113 Resp: 56626

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.1 15.4 23.2



#44

Trichloroethene

Concen: 69.382 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032954.D

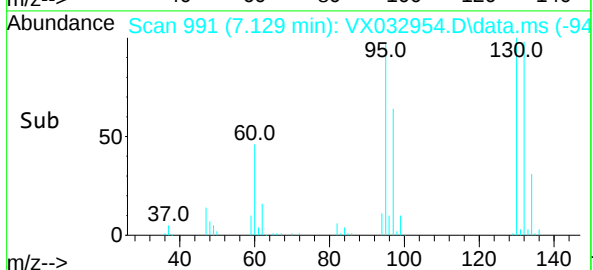
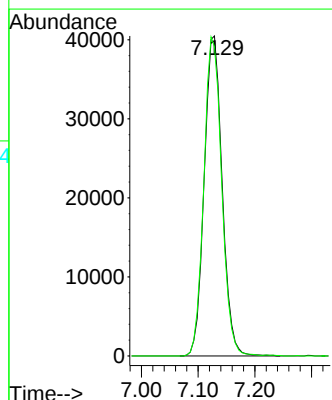
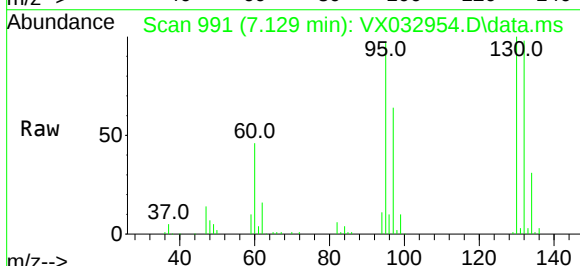
Acq: 21 Nov 2022 15:55

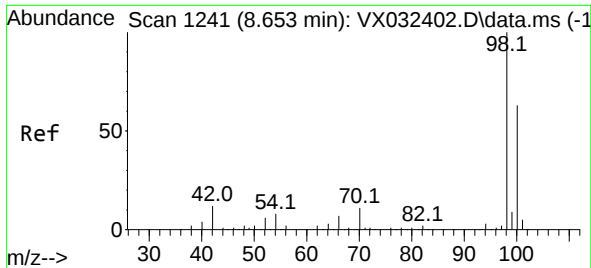
Tgt Ion:130 Resp: 88826

Ion Ratio Lower Upper

130 100

95 96.7 0.0 195.2

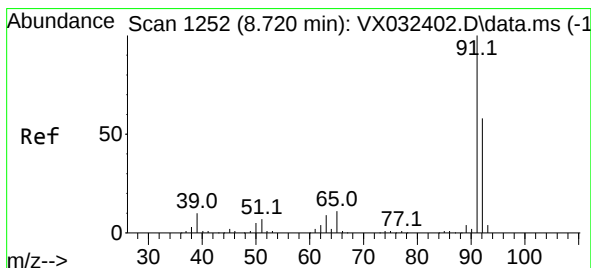
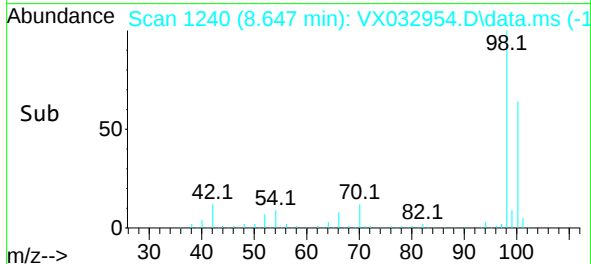
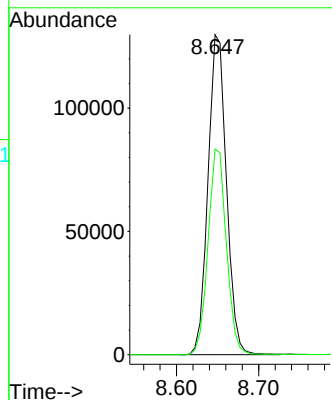
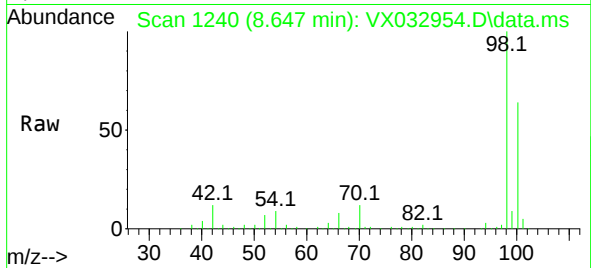




#50
Toluene-d8
Concen: 50.334 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

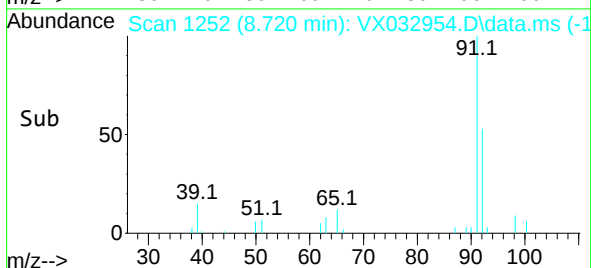
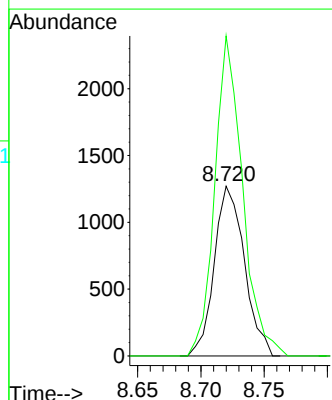
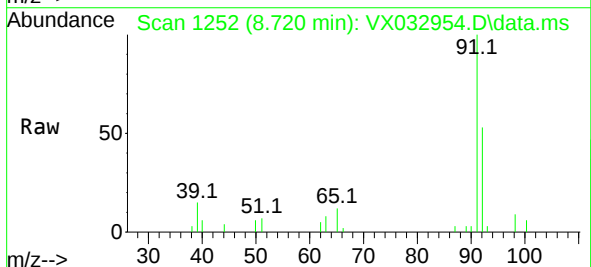
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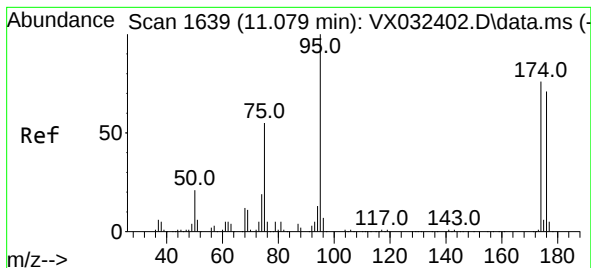
Tgt Ion: 98 Resp: 201989
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#52
Toluene
Concen: 0.709 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 92 Resp: 2105
Ion Ratio Lower Upper
92 100
91 173.6 138.3 207.5

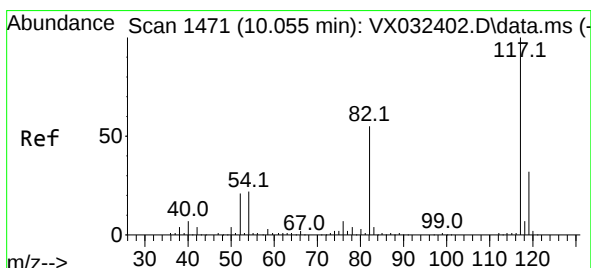
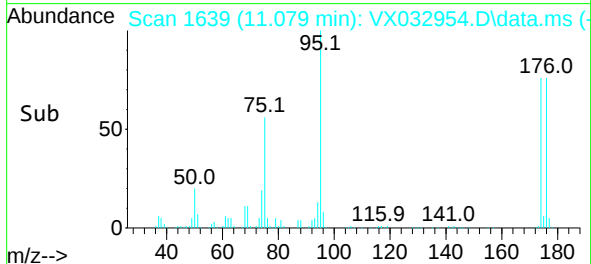
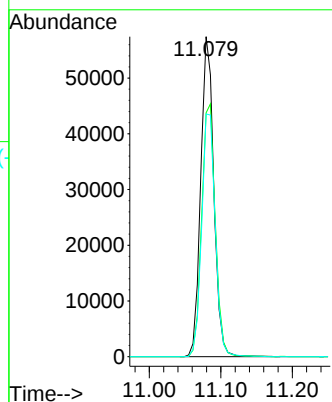
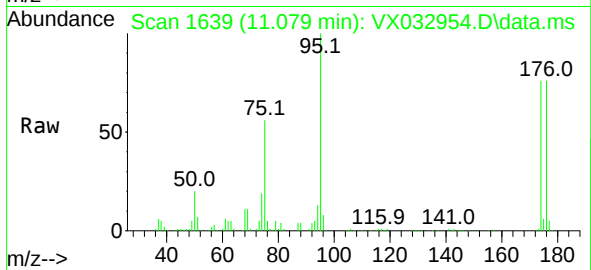




#62
4-Bromofluorobenzene
Concen: 46.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

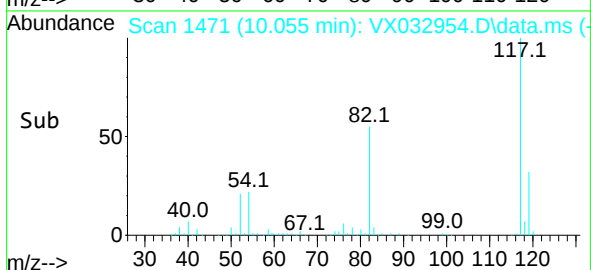
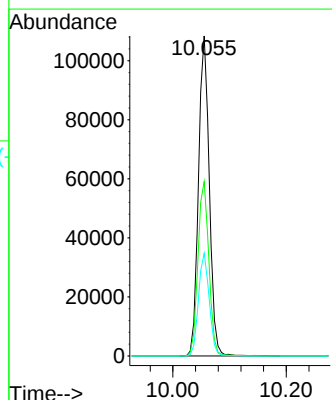
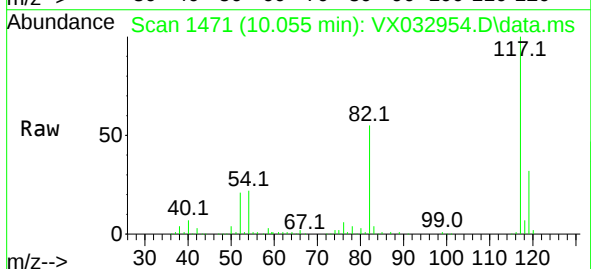
Instrument :
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RE105D1-20221117

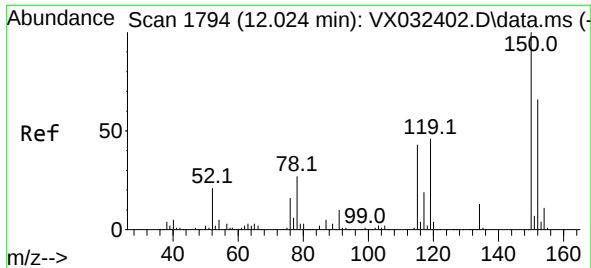
Tgt Ion: 95 Resp: 72711
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 117 Resp: 143198
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.2 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: VX032954.D

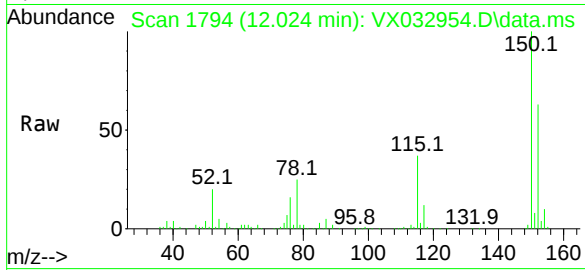
Acq: 21 Nov 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20221117



Tgt Ion:152 Resp: 59599

Ion Ratio Lower Upper

152 100

115 61.0 44.0 132.0

150 159.3 0.0 351.8

