

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032910.D
 Acq On : 17 Nov 2022 19:07
 Operator : JC/MD
 Sample : N5672-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20221116

Quant Time: Nov 18 01:42:44 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)

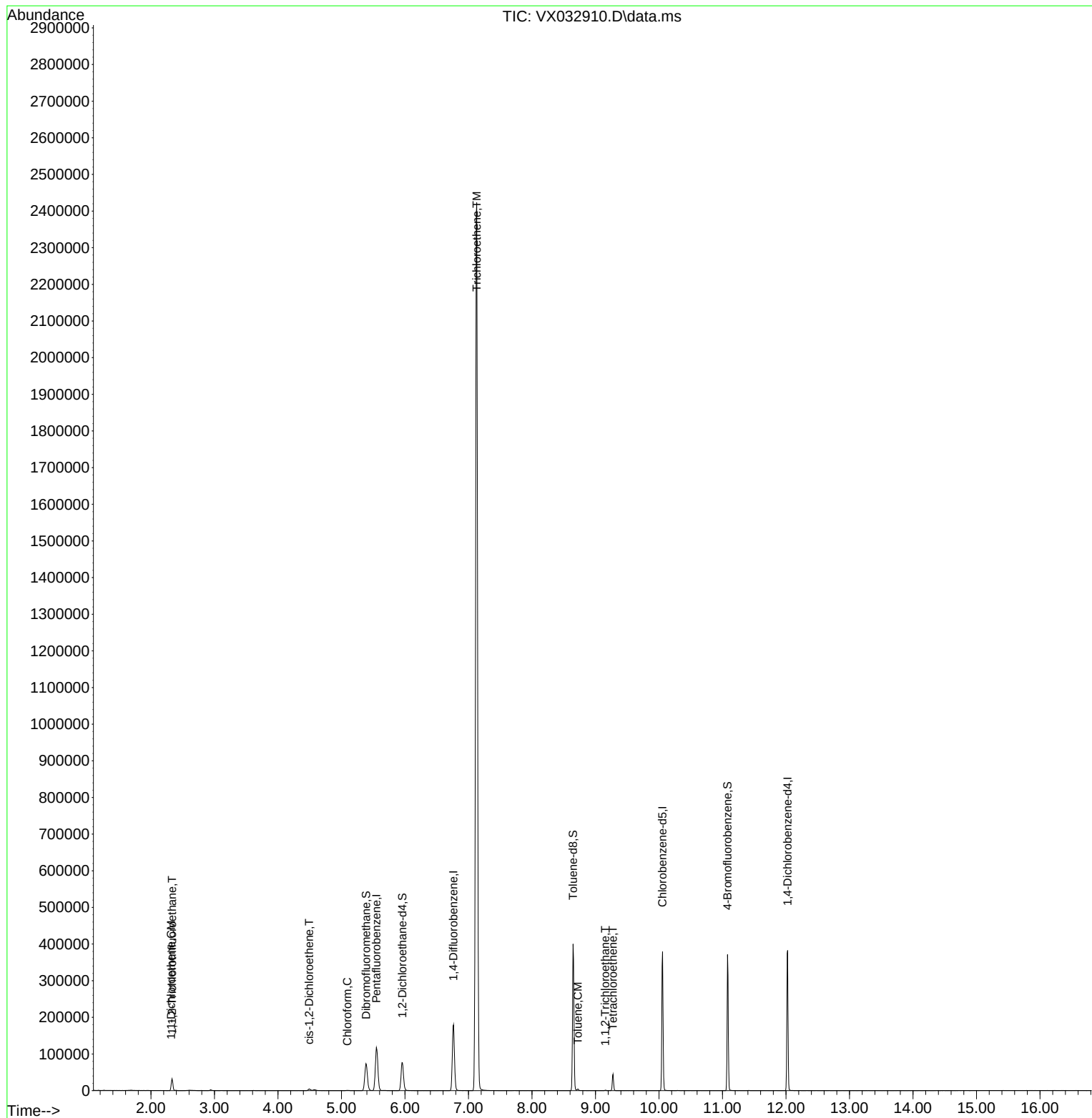
Internal Standards						
1) Pentafluorobenzene	5.550	168	111305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79069	51.126	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.260%	
35) Dibromofluoromethane	5.385	113	63316	48.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.220%	
50) Toluene-d8	8.647	98	234588	51.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	11.079	95	90081	50.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	11006	9.211	ug/l	99
12) 1,1-Dichloroethene	2.319	96	1512	1.355	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	2808	1.999	ug/l	90
30) Chloroform	5.093	83	1041	0.429	ug/l	98
44) Trichloroethene	7.129	130	928039	635.676	ug/l	99
52) Toluene	8.720	92	1741	0.515	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	457	0.321	ug/l #	78
64) Tetrachloroethene	9.275	164	7726	6.256	ug/l #	86

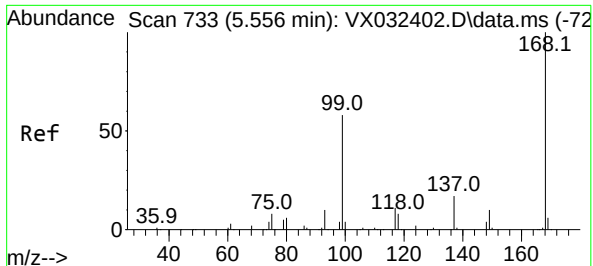
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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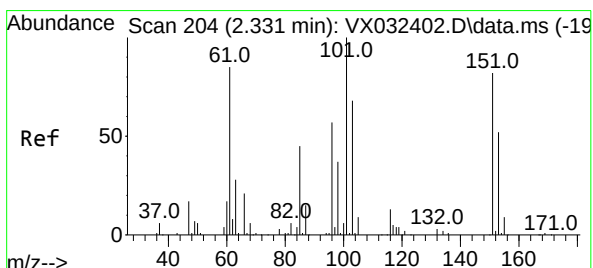
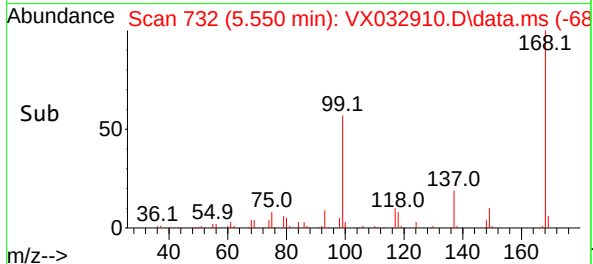
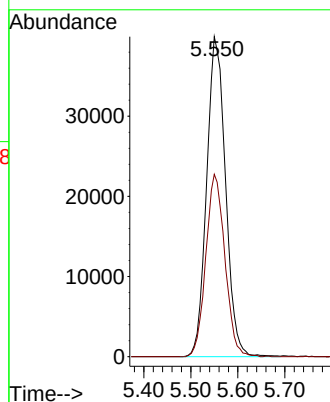
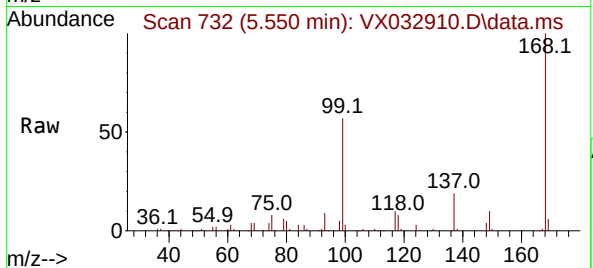




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

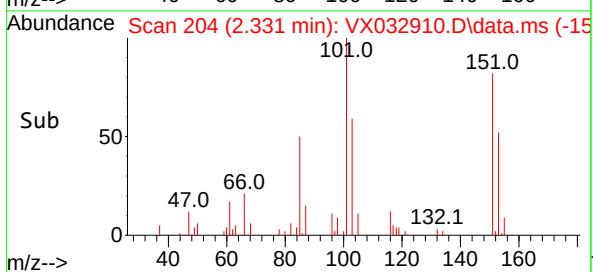
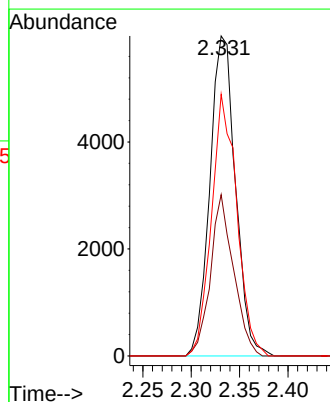
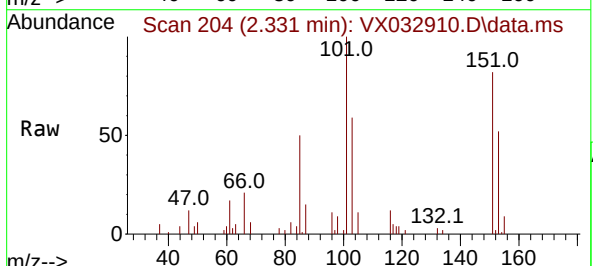
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

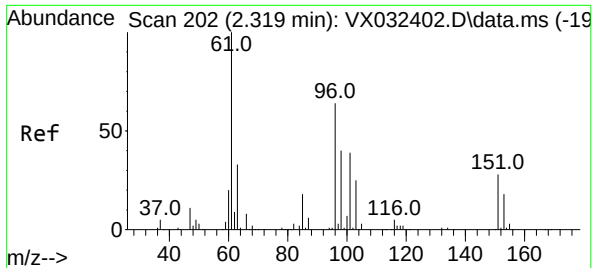
Tgt Ion:168 Resp: 111305
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.211 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion:101 Resp: 11006
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 80.9 64.4 96.6





#12

1,1-Dichloroethene

Concen: 1.355 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20221116

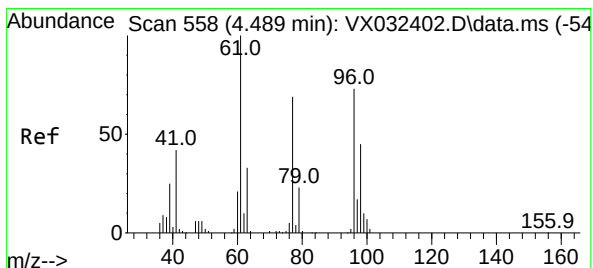
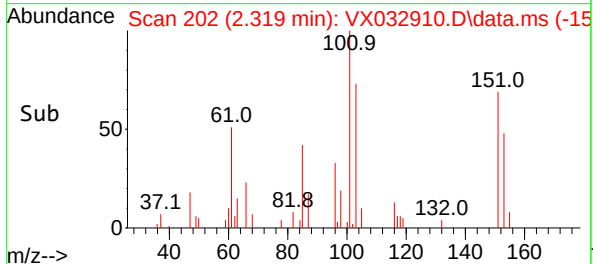
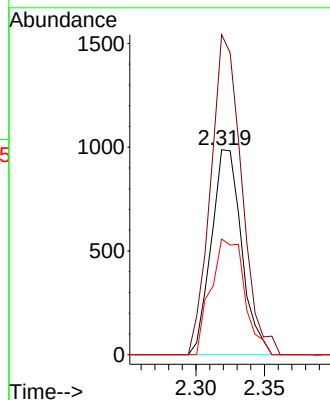
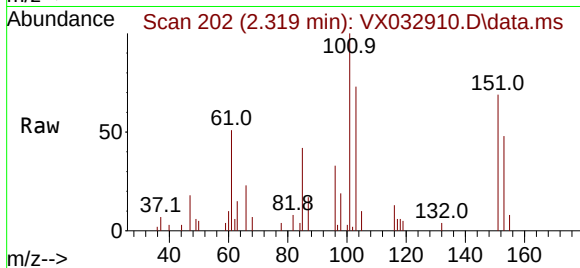
Tgt Ion: 96 Resp: 1512

Ion Ratio Lower Upper

96 100

61 156.1 125.1 187.7

98 56.5 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 1.999 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

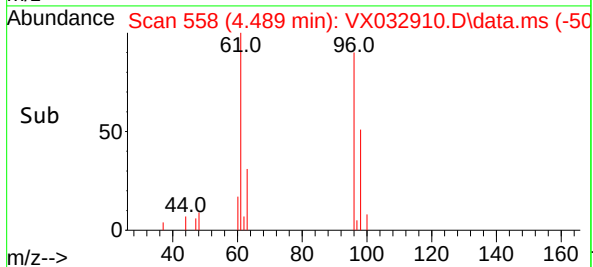
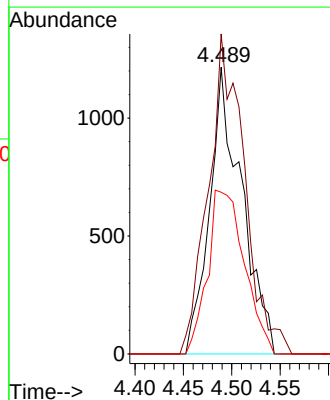
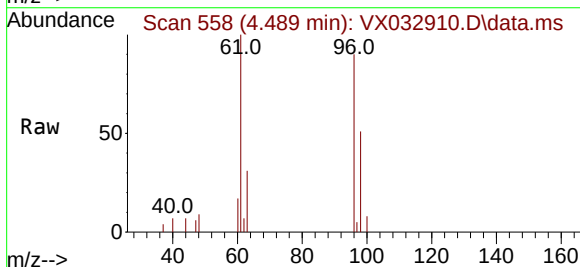
Tgt Ion: 96 Resp: 2808

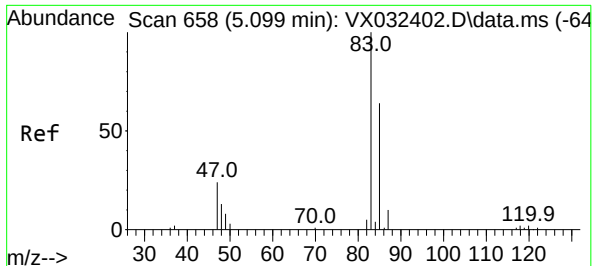
Ion Ratio Lower Upper

96 100

61 124.7 0.0 286.0

98 65.3 0.0 129.6





#30

Chloroform

Concen: 0.429 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

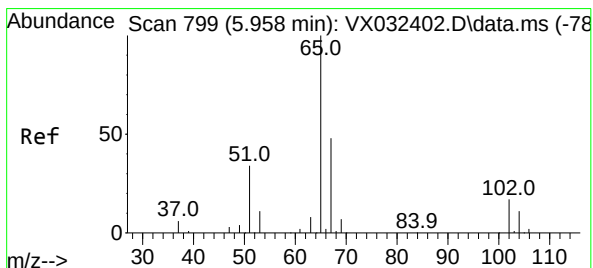
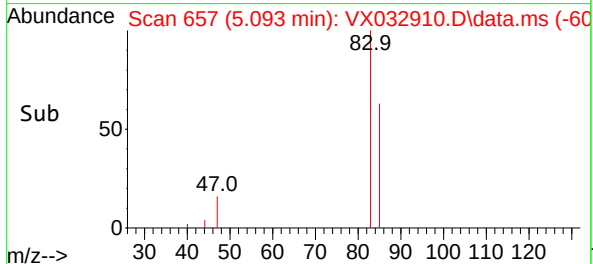
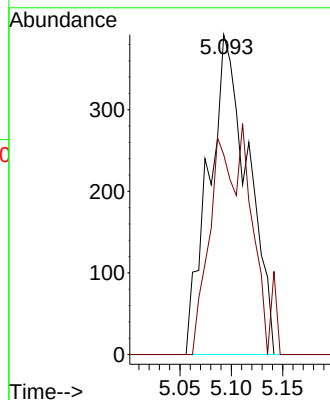
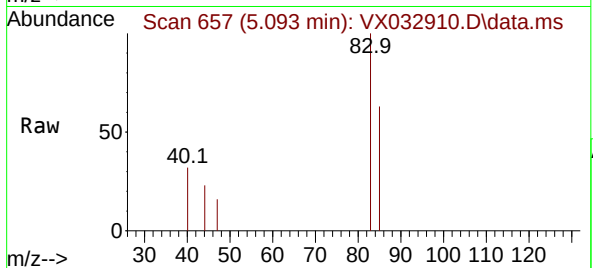
RE103D1-20221116

Tgt Ion: 83 Resp: 1041

Ion Ratio Lower Upper

83 100

85 62.5 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 51.126 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032910.D

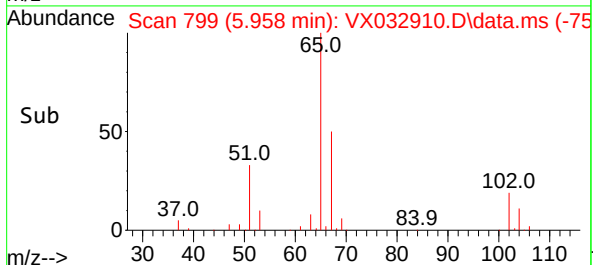
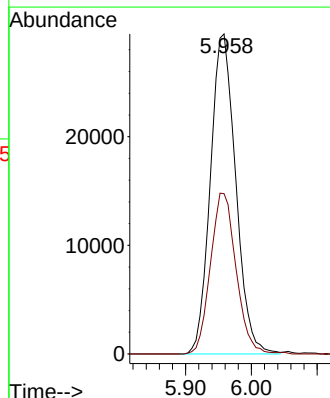
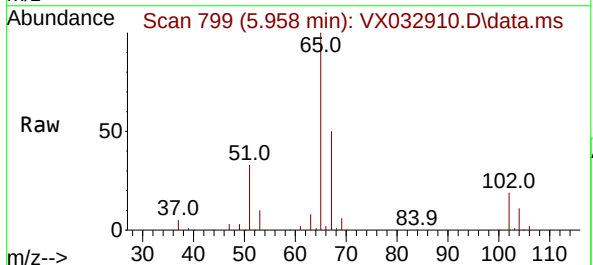
Acq: 17 Nov 2022 19:07

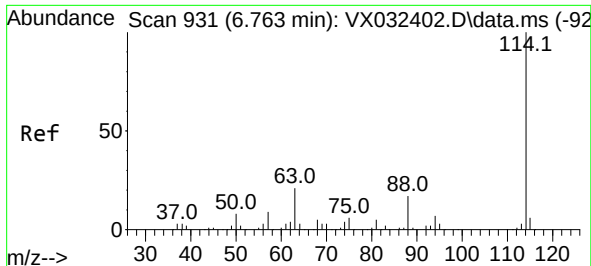
Tgt Ion: 65 Resp: 79069

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8

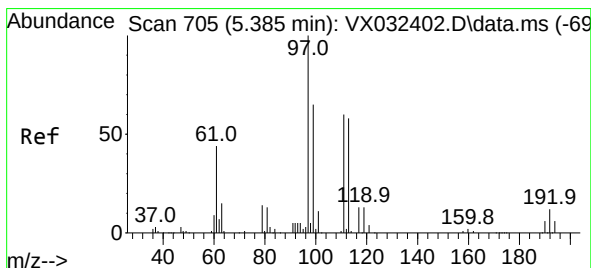
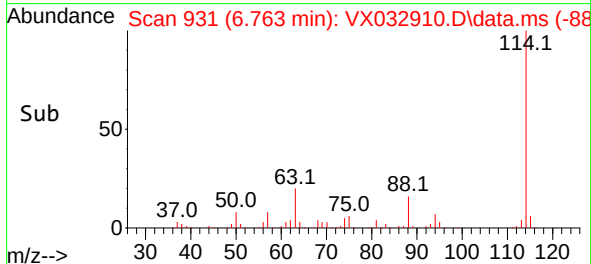
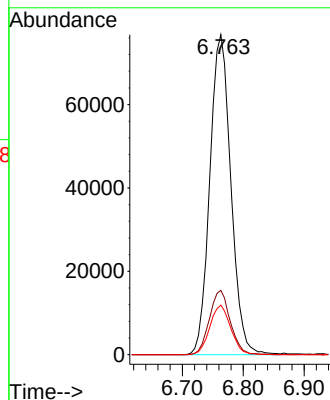
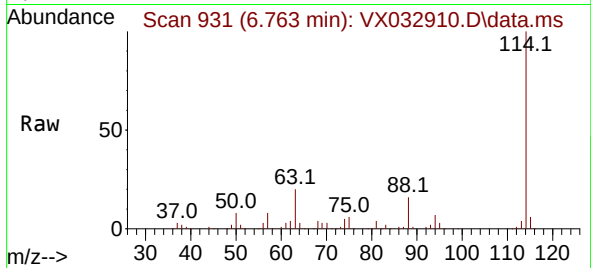




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

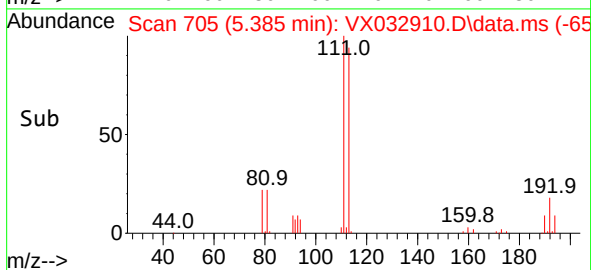
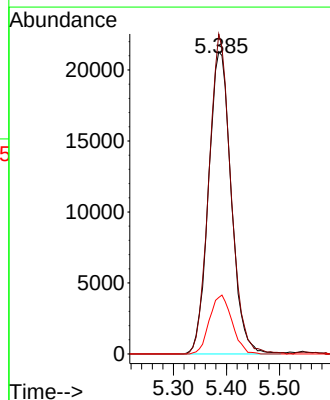
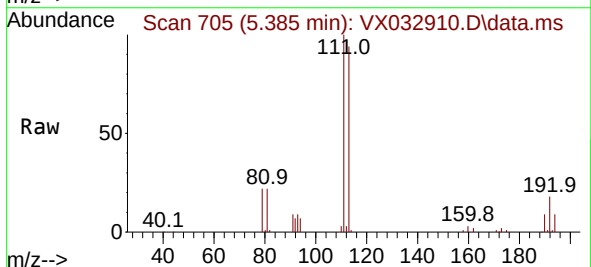
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

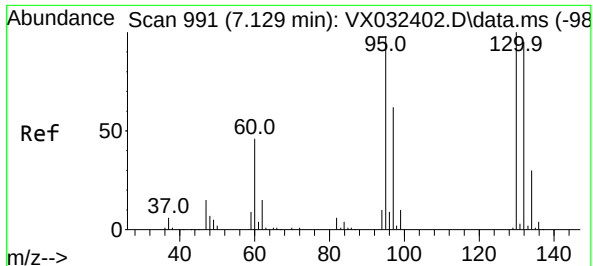
Tgt Ion:114 Resp: 184498
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.111 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion:113 Resp: 63316
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 15.4 23.2

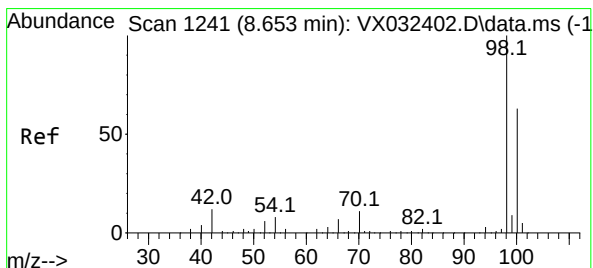
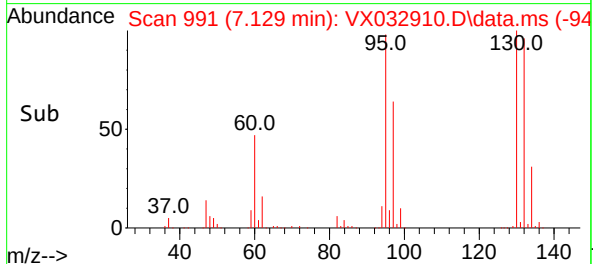
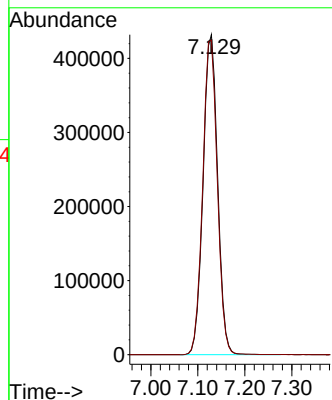
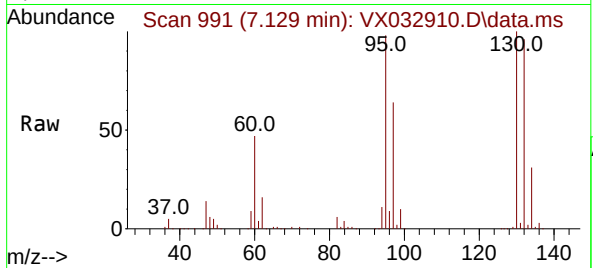




#44
 Trichloroethene
 Concen: 635.676 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX032910.D
 Acq: 17 Nov 2022 19:07

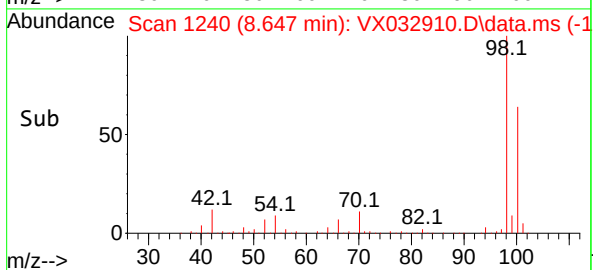
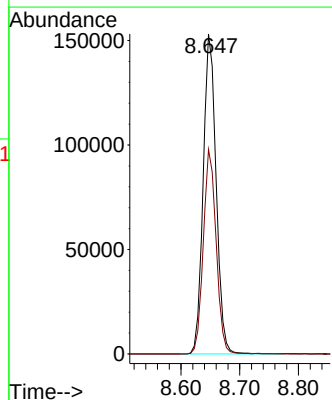
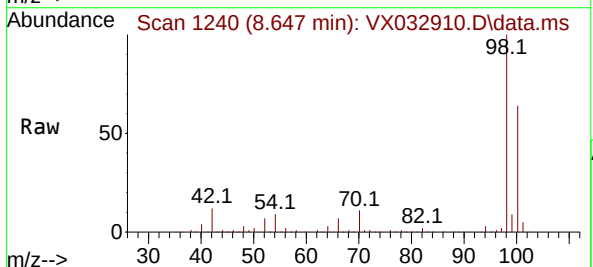
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20221116

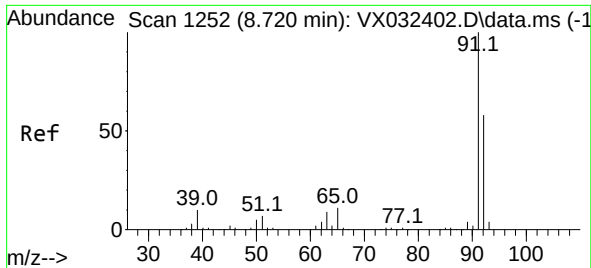
Tgt Ion:130 Resp: 928039
 Ion Ratio Lower Upper
 130 100
 95 98.3 0.0 195.2



#50
 Toluene-d8
 Concen: 51.263 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX032910.D
 Acq: 17 Nov 2022 19:07

Tgt Ion: 98 Resp: 234588
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.9 76.3





#52

Toluene

Concen: 0.515 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

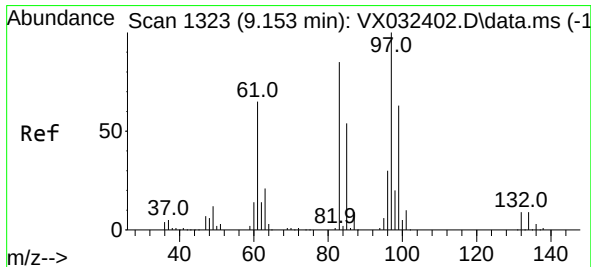
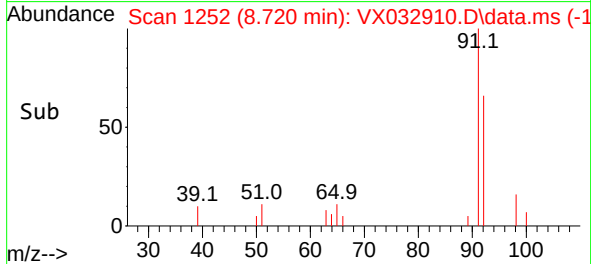
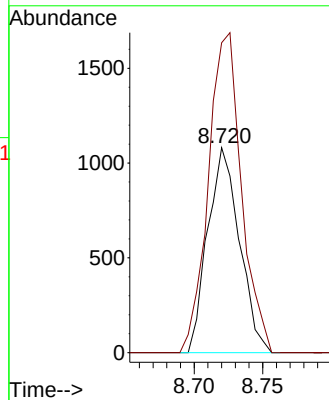
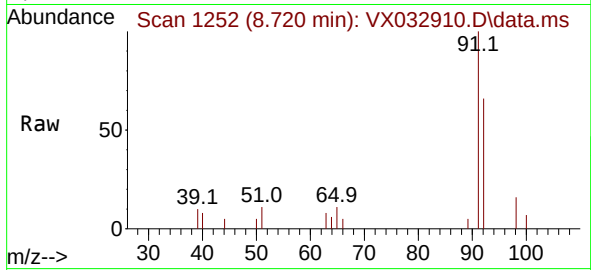
RE103D1-20221116

Tgt Ion: 92 Resp: 1741

Ion Ratio Lower Upper

92 100

91 162.8 138.3 207.5



#55

1,1,2-Trichloroethane

Concen: 0.321 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX032910.D

Acq: 17 Nov 2022 19:07

Tgt Ion: 97 Resp: 457

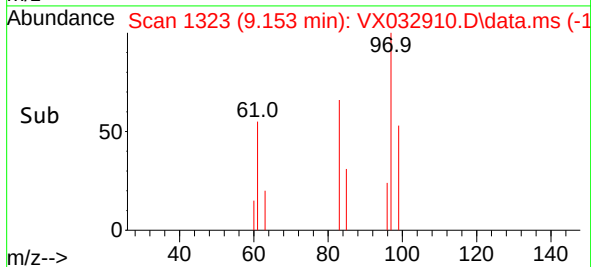
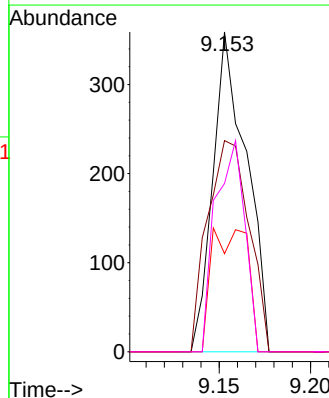
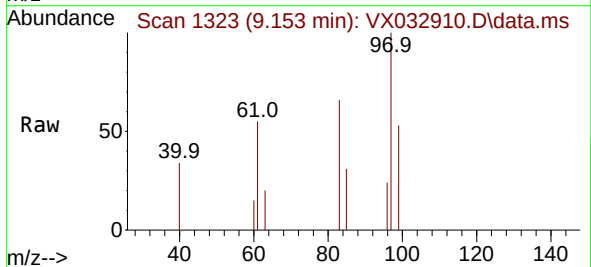
Ion Ratio Lower Upper

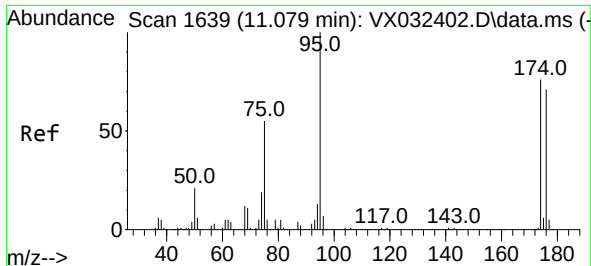
97 100

83 66.0 68.1 102.1#

85 30.6 43.3 64.9#

99 52.6 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 50.393 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032910.D

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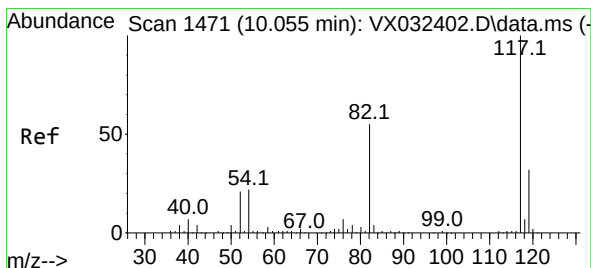
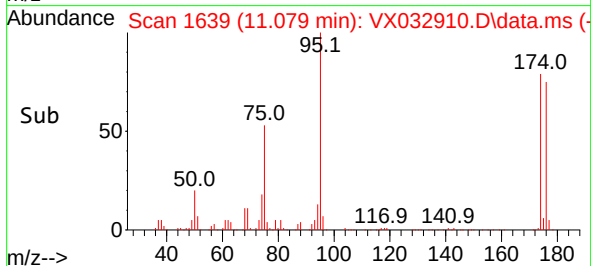
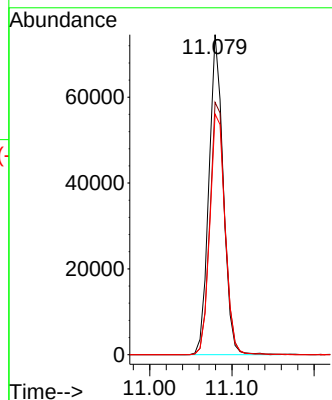
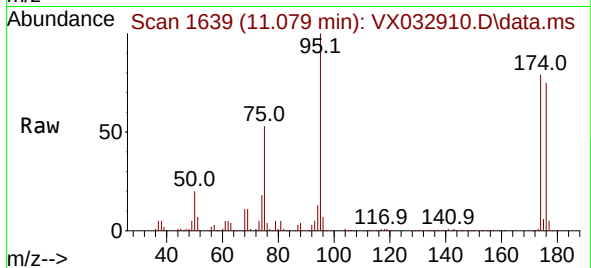
Tgt Ion: 95 Resp: 90081

Ion Ratio Lower Upper

95 100

174 83.4 0.0 164.0

176 80.3 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: VX032910.D

Acq: 17 Nov 2022 19:07

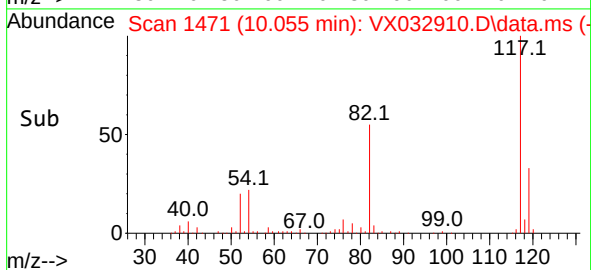
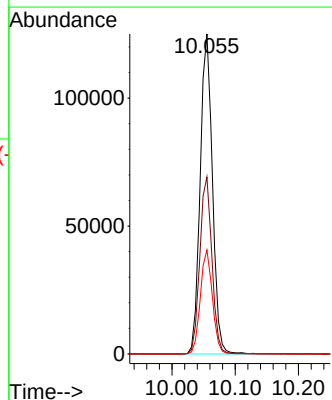
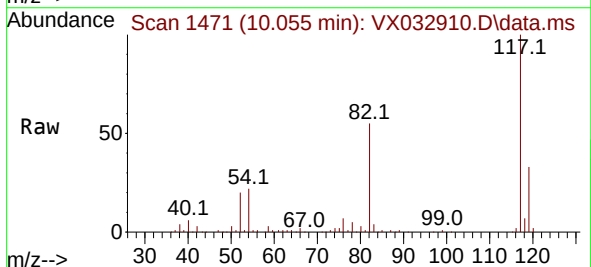
Tgt Ion: 117 Resp: 168720

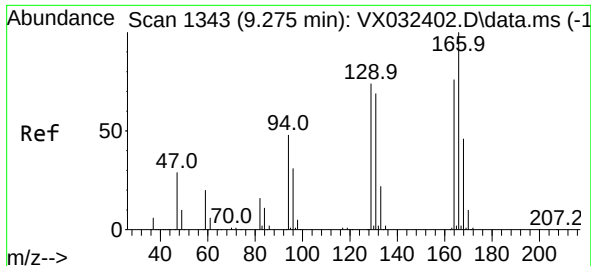
Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

119 32.5 25.7 38.5

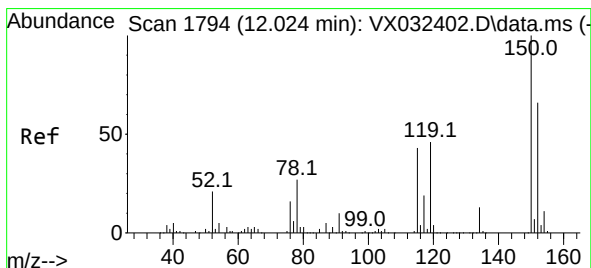
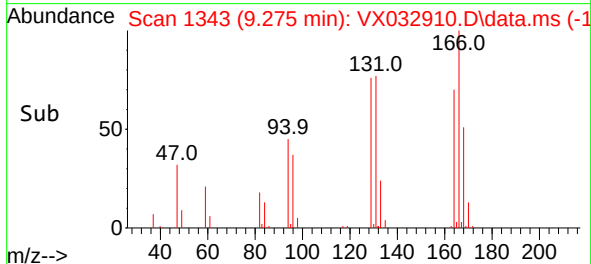
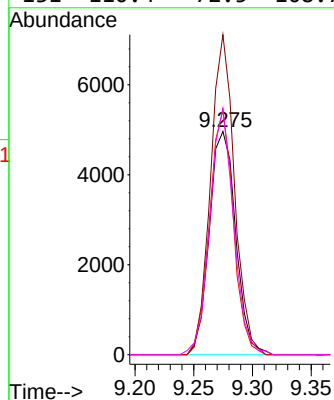
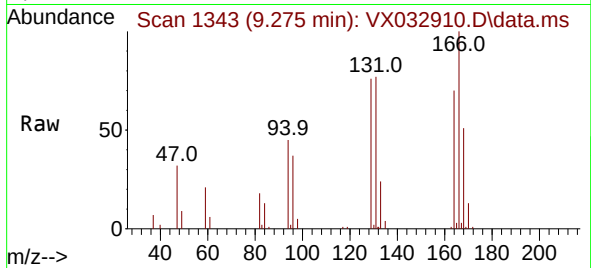




#64
Tetrachloroethene
Concen: 6.256 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20221116

Tgt Ion:164 Resp: 7726
Ion Ratio Lower Upper
164 100
166 143.3 105.4 158.2
129 109.4 78.2 117.2
131 110.4 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032910.D
Acq: 17 Nov 2022 19:07

Tgt Ion:152 Resp: 81991
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 154.8 0.0 351.8

