

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032992.D
 Acq On : 22 Nov 2022 20:41
 Operator : JC/MD
 Sample : N5729-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S-20221117RE

Quant Time: Nov 23 05:50:57 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)

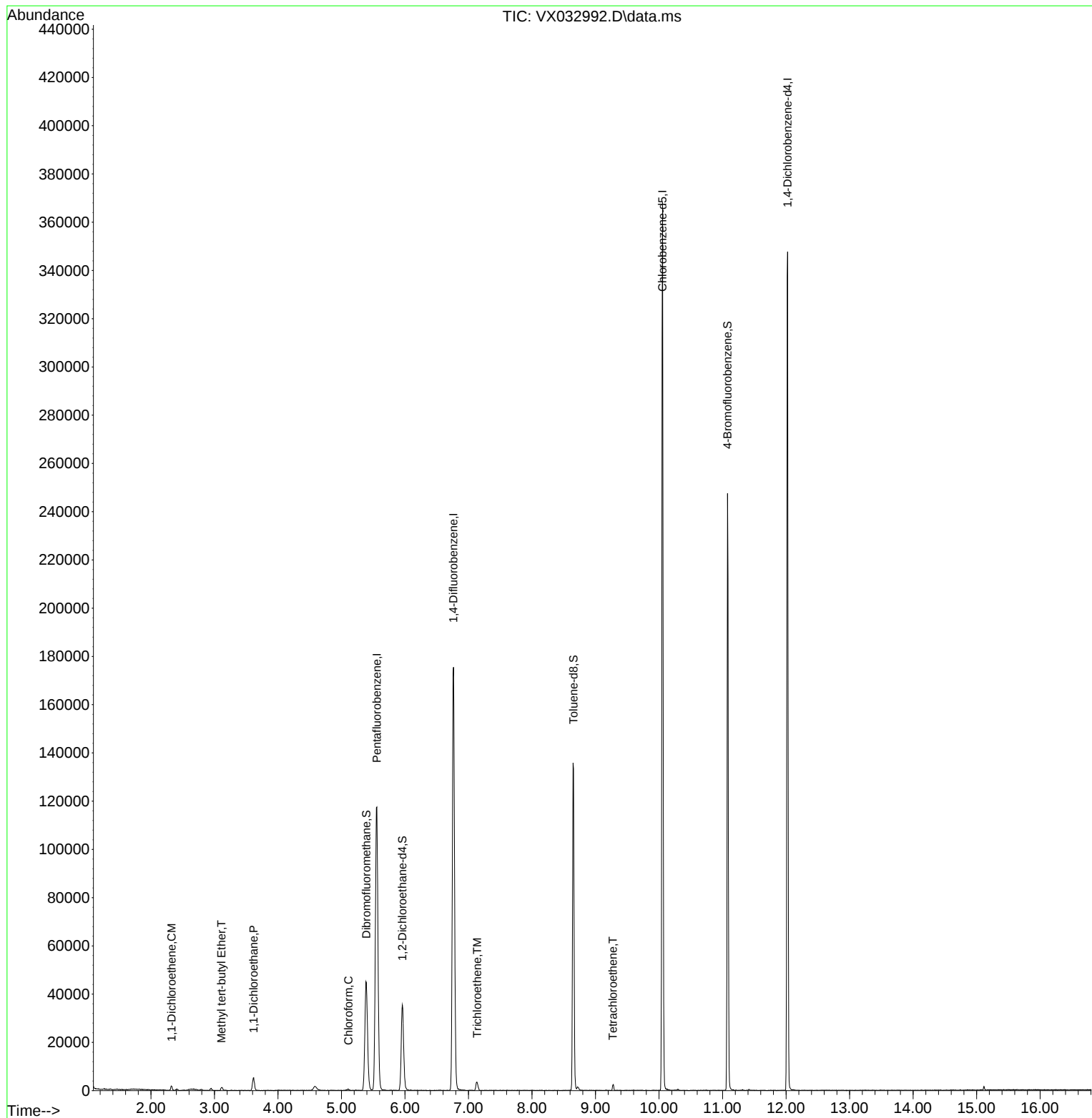
Internal Standards						
1) Pentafluorobenzene	5.556	168	112506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35864	31.461	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	62.920%#	
35) Dibromofluoromethane	5.391	113	38375	37.950	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	75.900%	
50) Toluene-d8	8.653	98	83072	26.280	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	52.560%#	
62) 4-Bromofluorobenzene	11.079	95	61478	46.283	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	92.560%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	653	0.665	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1387	0.407	ug/l	95
24) 1,1-Dichloroethane	3.617	63	5936	3.005	ug/l	98
30) Chloroform	5.111	83	719	0.325	ug/l #	71
44) Trichloroethene	7.135	130	1600	1.258	ug/l	91
64) Tetrachloroethene	9.275	164	372	0.326	ug/l #	85

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

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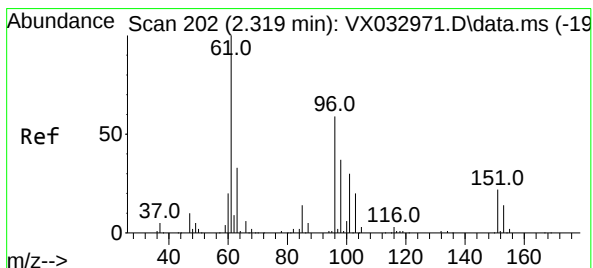
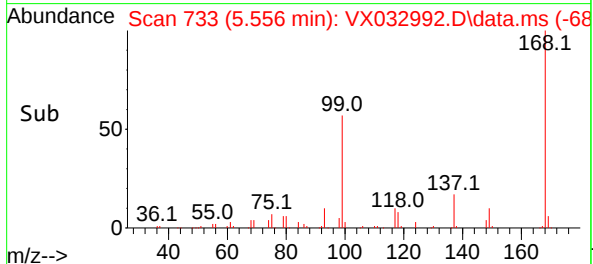
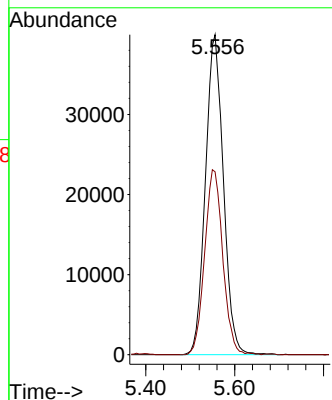
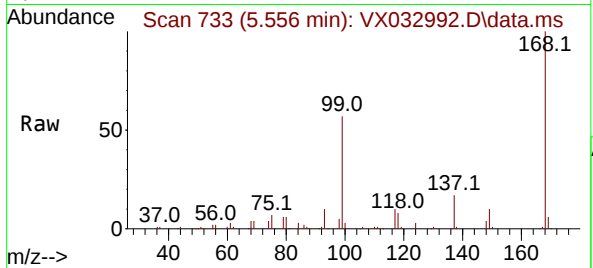




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

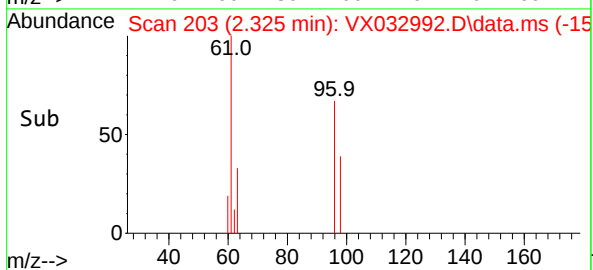
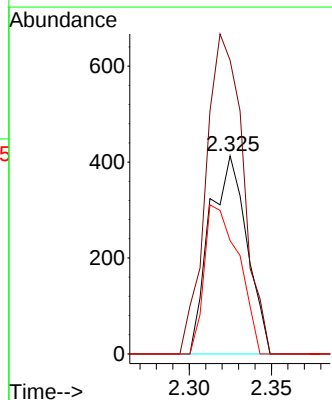
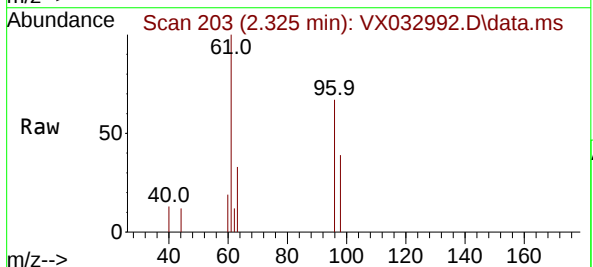
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

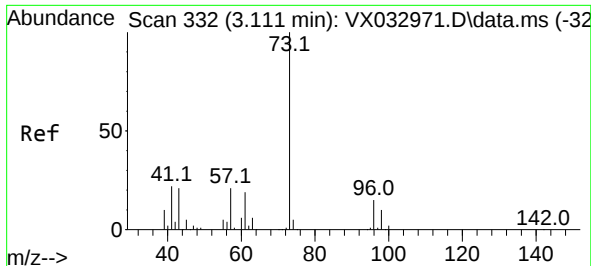
Tgt Ion:168 Resp: 112506
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#12
1,1-Dichloroethene
Concen: 0.665 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 96 Resp: 653
Ion Ratio Lower Upper
96 100
61 148.2 125.1 187.7
98 57.1 50.6 76.0

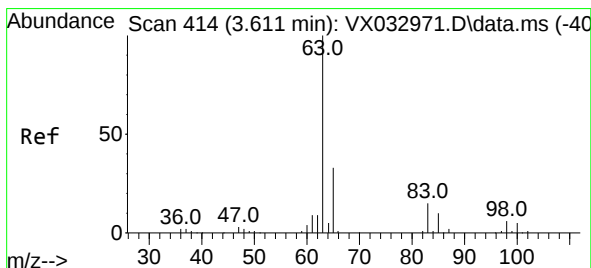
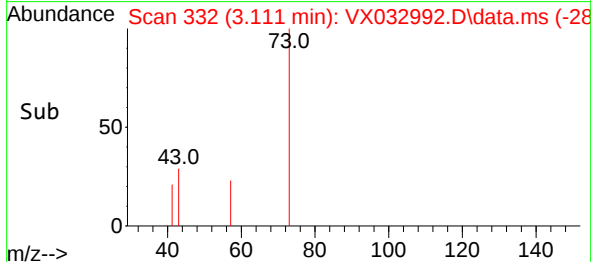
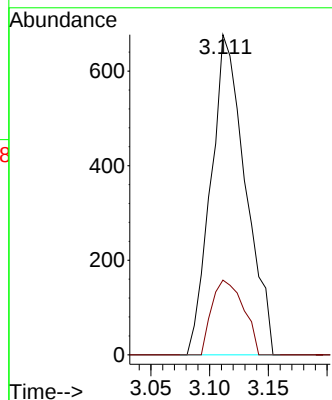
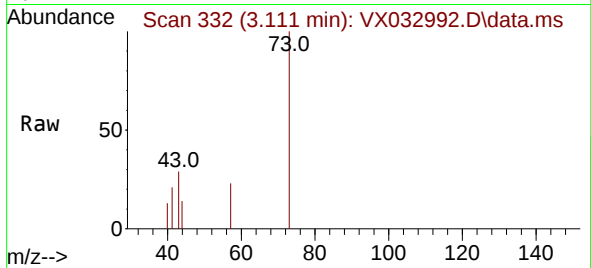




#19
Methyl tert-butyl Ether
Concen: 0.407 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

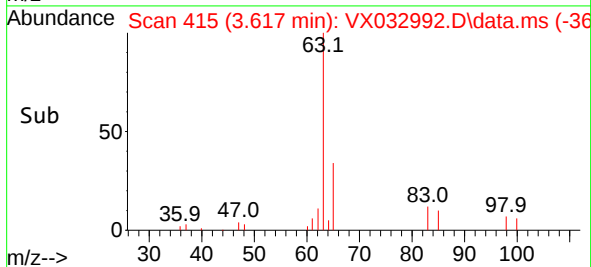
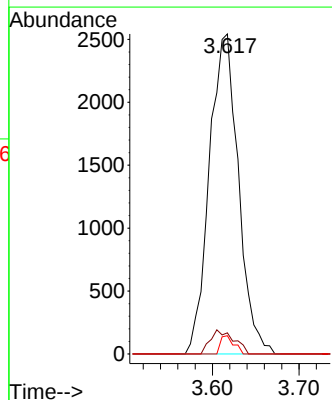
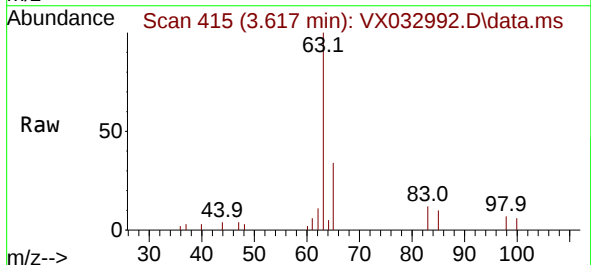
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

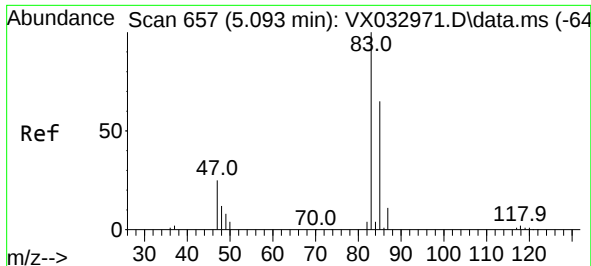
Tgt Ion: 73 Resp: 1387
Ion Ratio Lower Upper
73 100
57 23.3 16.6 25.0



#24
1,1-Dichloroethane
Concen: 3.005 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 63 Resp: 5936
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.4
100 5.7 2.3 6.8

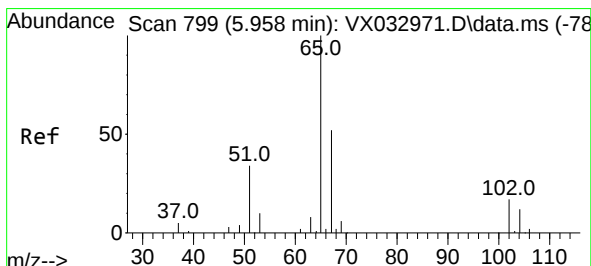
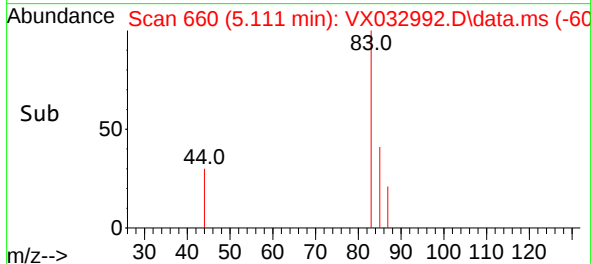
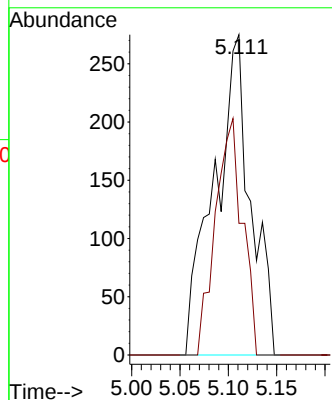
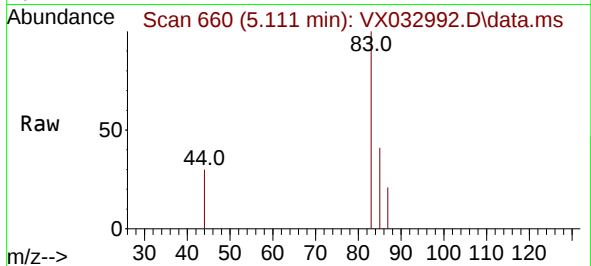




#30
Chloroform
Concen: 0.325 ug/l
RT: 5.111 min Scan# 60
Delta R.T. 0.012 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

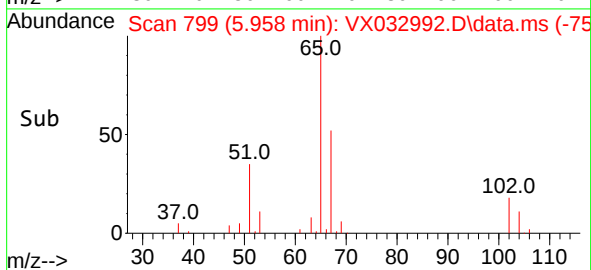
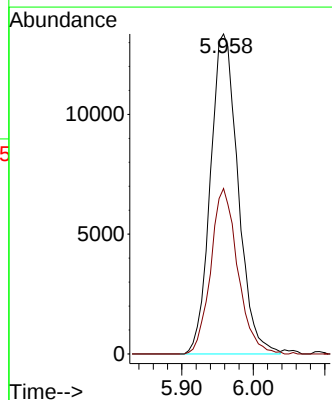
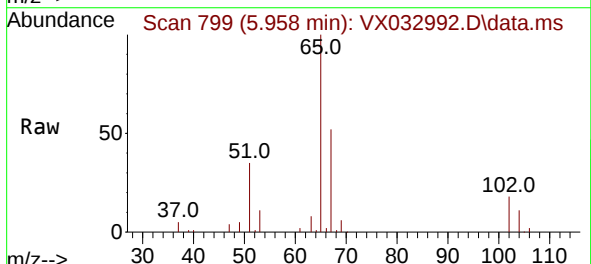
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

Tgt Ion: 83 Resp: 719
Ion Ratio Lower Upper
83 100
85 41.1 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 31.461 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion: 65 Resp: 35864
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

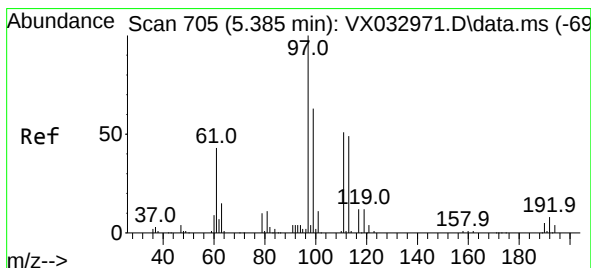
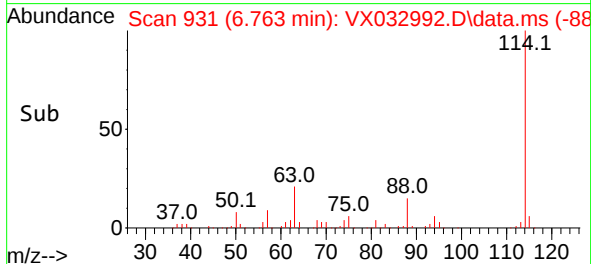
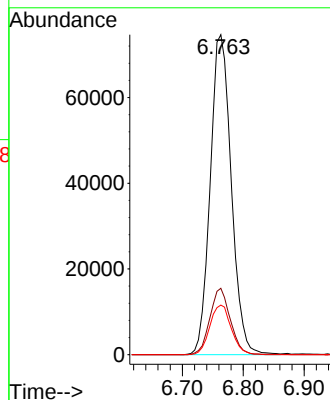
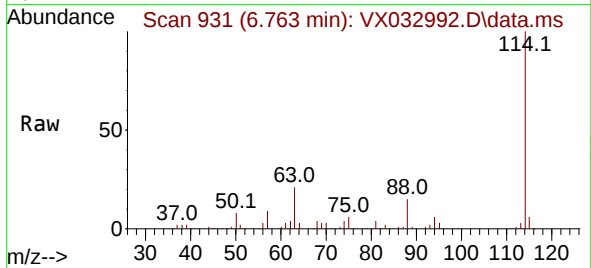




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

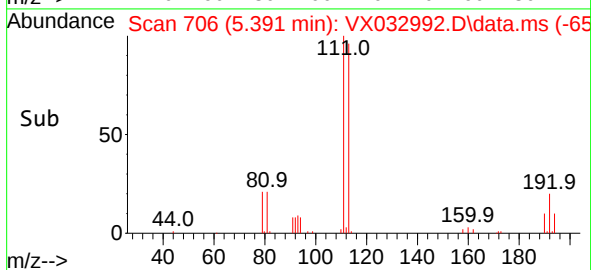
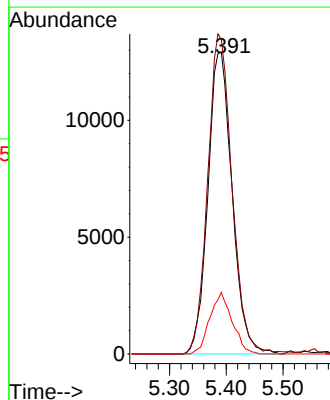
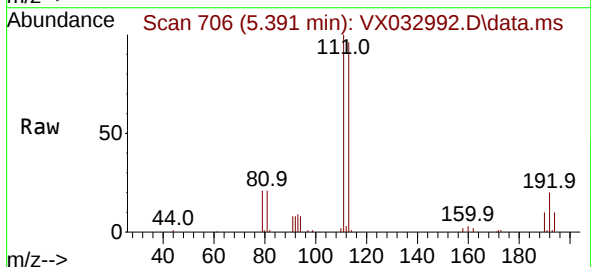
Instrument :
MSVOA_X
ClientSampleId :
TT161S-20221117RE

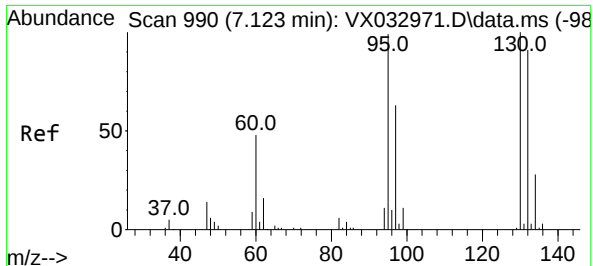
Tgt Ion:114 Resp: 179365
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 37.950 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion:113 Resp: 38375
Ion Ratio Lower Upper
113 100
111 106.3 82.4 123.6
192 18.8 15.4 23.2

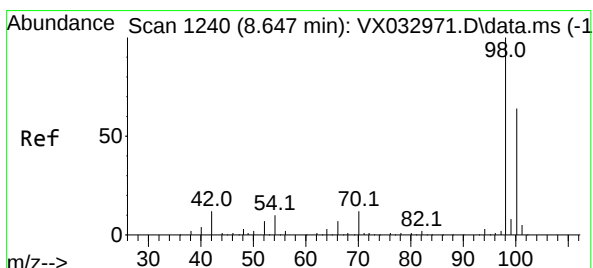
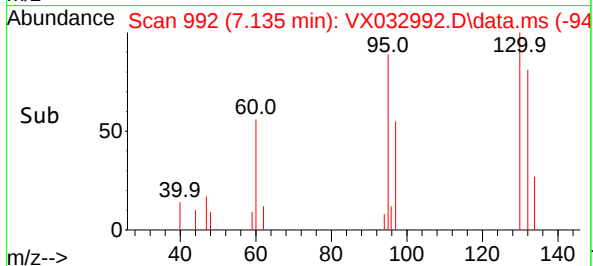
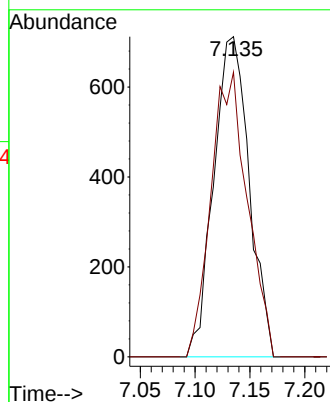
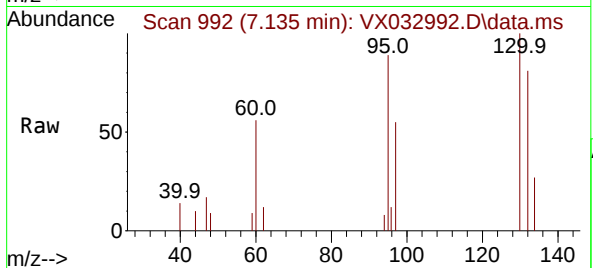




#44
 Trichloroethene
 Concen: 1.258 ug/l
 RT: 7.135 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX032992.D
 Acq: 22 Nov 2022 20:41

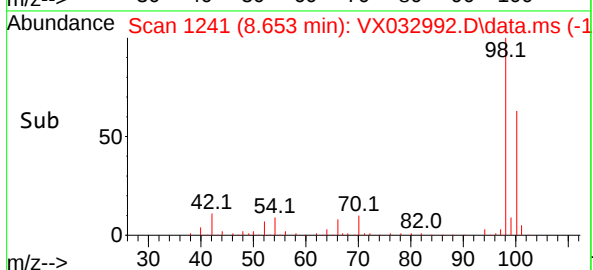
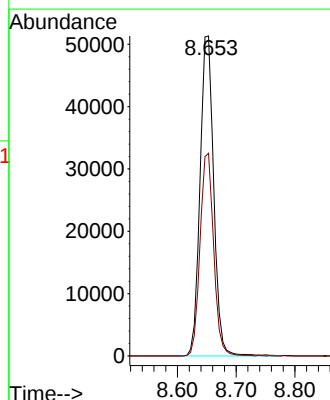
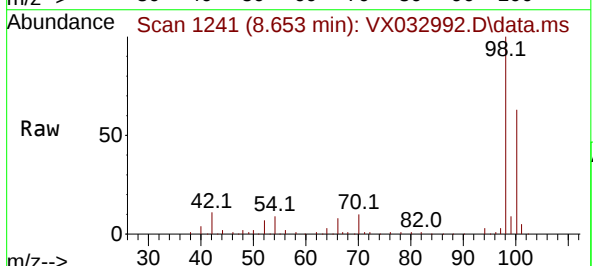
Instrument :
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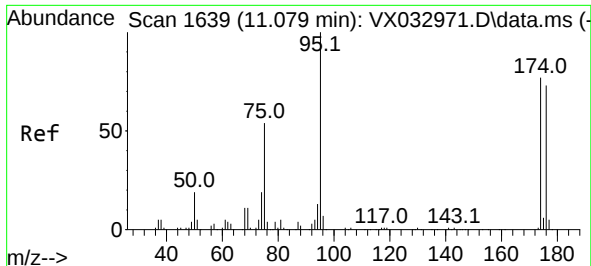
Tgt Ion:130 Resp: 1600
 Ion Ratio Lower Upper
 130 100
 95 88.9 0.0 195.2



#50
 Toluene-d8
 Concen: 26.280 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX032992.D
 Acq: 22 Nov 2022 20:41

Tgt Ion: 98 Resp: 83072
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.283 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032992.D

Acq: 22 Nov 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

TT161S-20221117RE

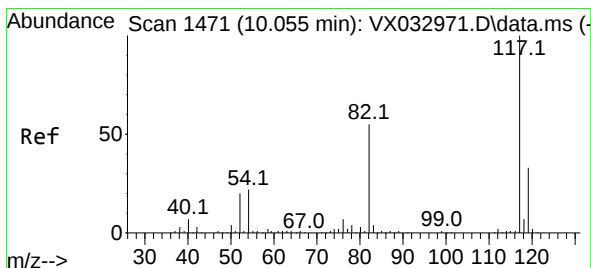
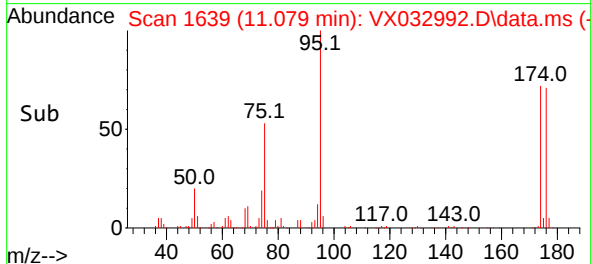
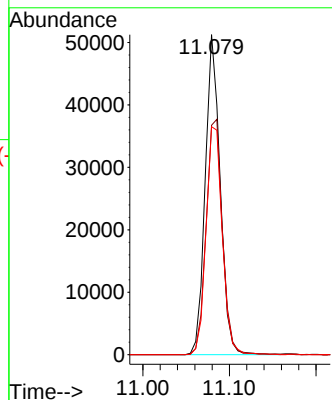
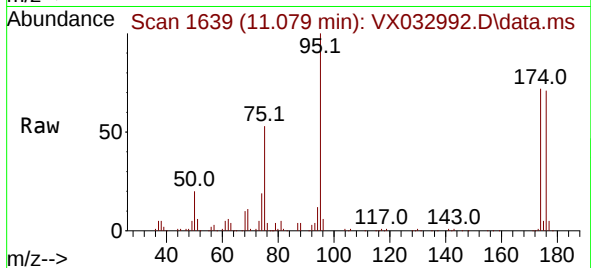
Tgt Ion: 95 Resp: 61478

Ion Ratio Lower Upper

95 100

174 80.0 0.0 164.0

176 77.4 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: VX032992.D

Acq: 22 Nov 2022 20:41

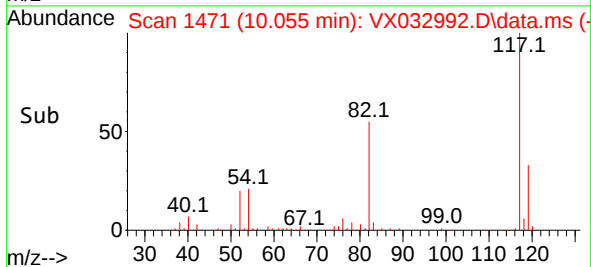
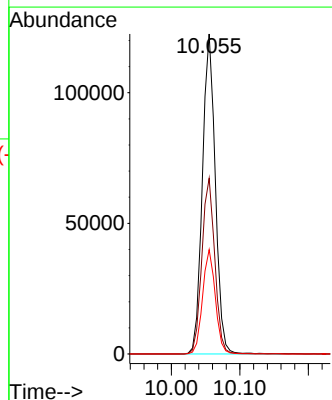
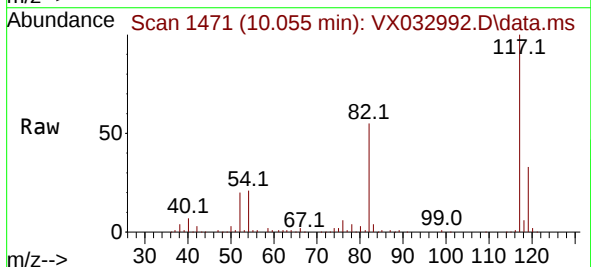
Tgt Ion: 117 Resp: 161007

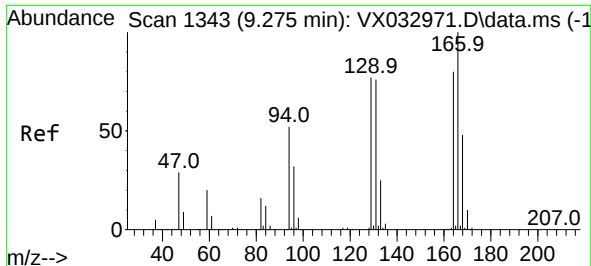
Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

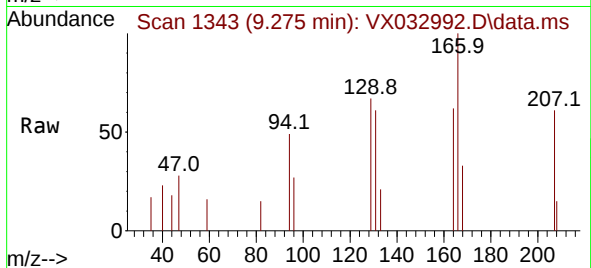
119 32.6 25.7 38.5





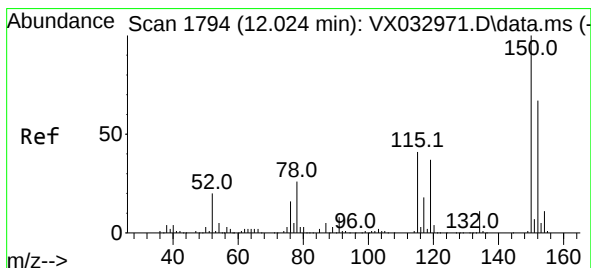
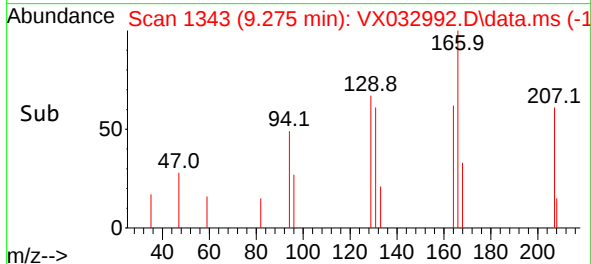
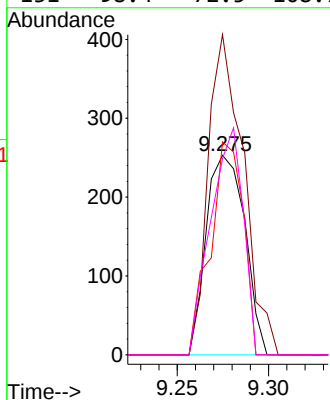
#64
Tetrachloroethene
Concen: 0.326 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032992.D
Acq: 22 Nov 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 372

Ion	Ratio	Lower	Upper
164	100		
166	160.5	105.4	158.2#
129	106.7	78.2	117.2
131	98.4	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: VX032992.D
Acq: 22 Nov 2022 20:41

Tgt Ion:152 Resp: 72446

Ion	Ratio	Lower	Upper
152	100		
115	61.0	44.0	132.0
150	157.8	0.0	351.8

