

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
 Data File : VX029907.D
 Acq On : 30 Jun 2022 13:21
 Operator : JC/MD
 Sample : N3485-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20220623RE

Quant Time: Jul 01 04:48:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

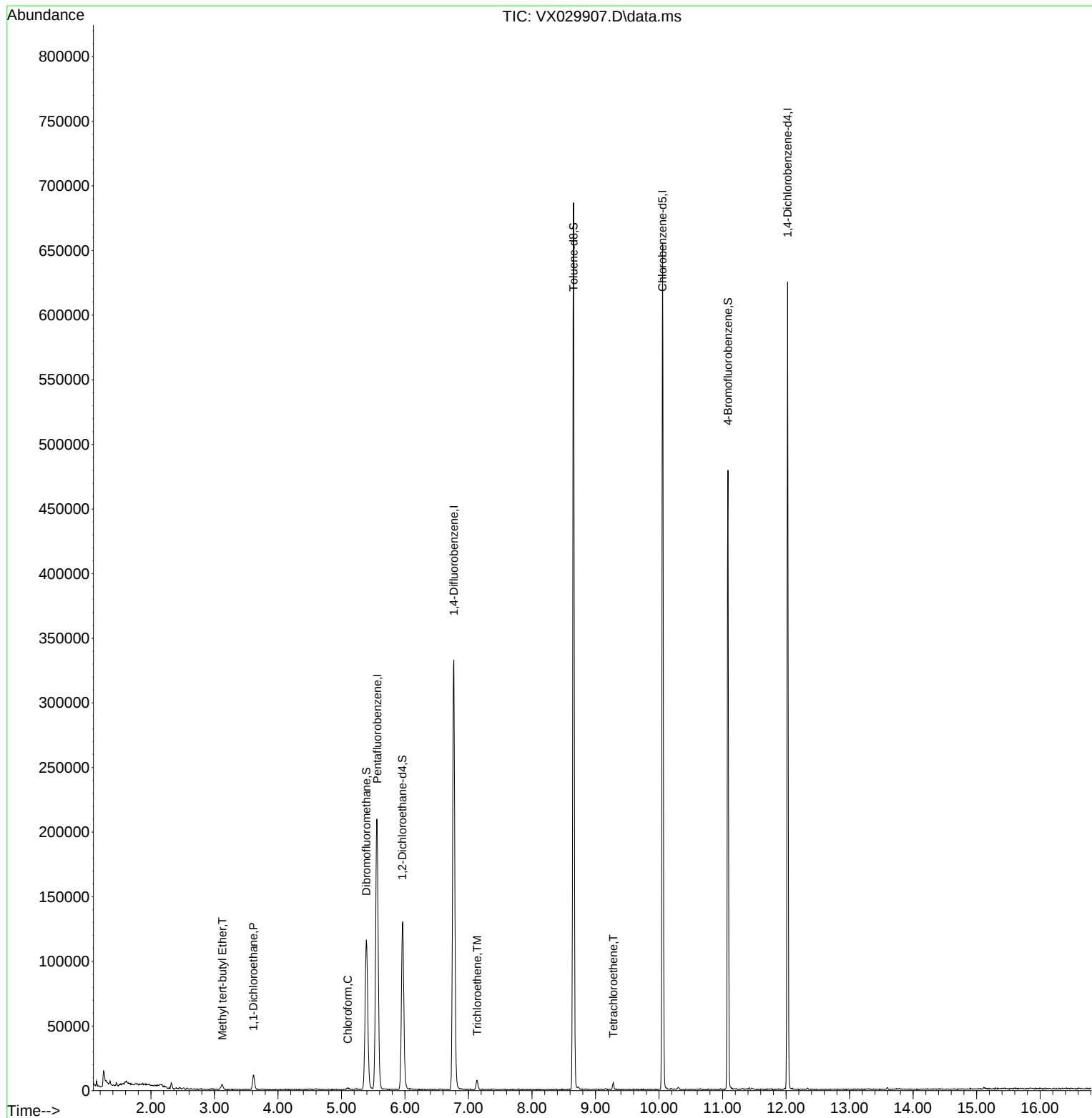
Internal Standards						
1) Pentafluorobenzene	5.562	168	208923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115991	43.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	5.391	113	103751	46.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.653	98	406742	48.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.085	95	132122	44.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.600%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.123	73	4082	0.562	ug/l	95
24) 1,1-Dichloroethane	3.611	63	11771	2.782	ug/l	96
30) Chloroform	5.098	83	1428	0.344	ug/l #	59
44) Trichloroethene	7.135	130	2886	1.108	ug/l	94
64) Tetrachloroethene	9.281	164	920	0.500	ug/l #	54

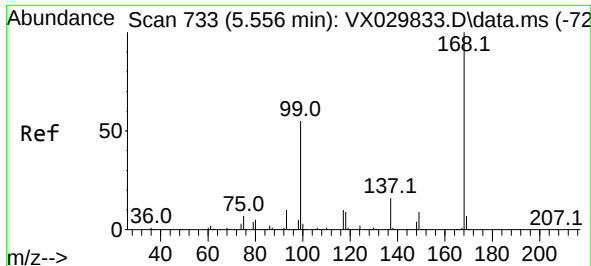
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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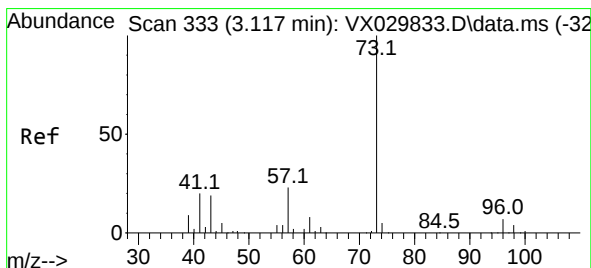
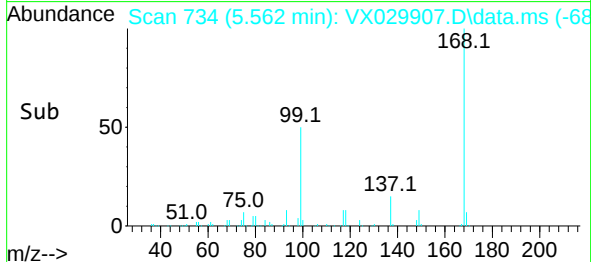
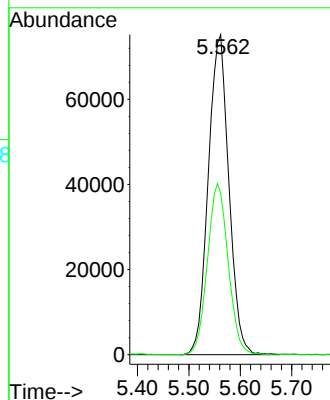
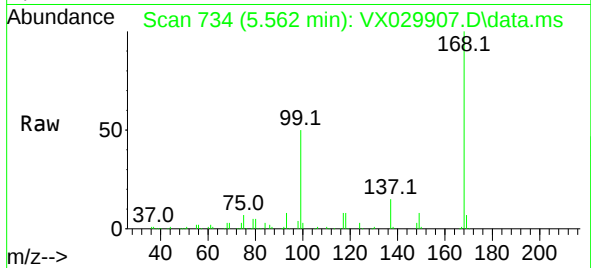




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

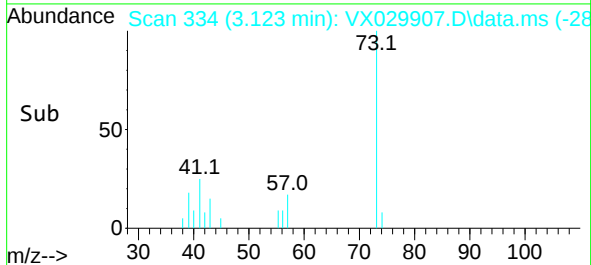
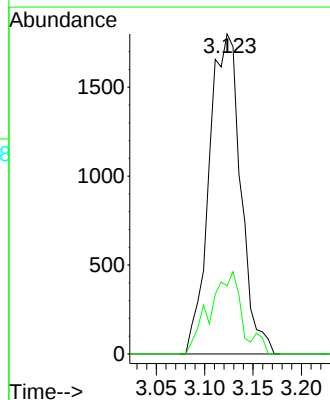
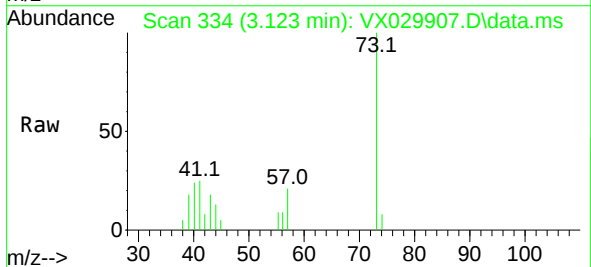
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20220623RE

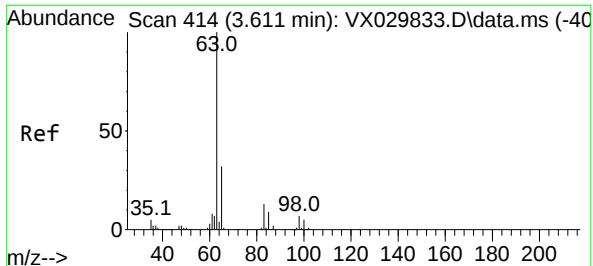
Tgt Ion:168 Resp: 208923
Ion Ratio Lower Upper
168 100
99 50.4 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 0.562 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 73 Resp: 4082
Ion Ratio Lower Upper
73 100
57 21.3 19.0 28.6

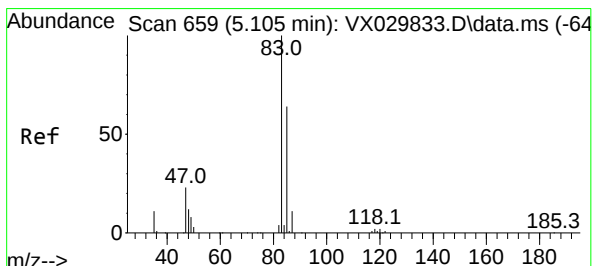
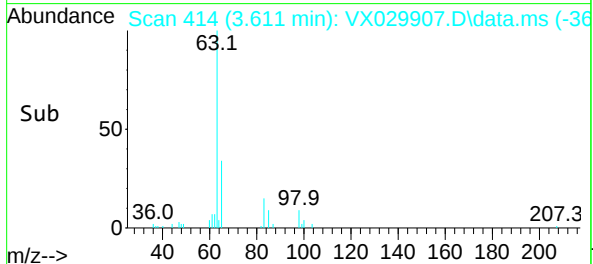
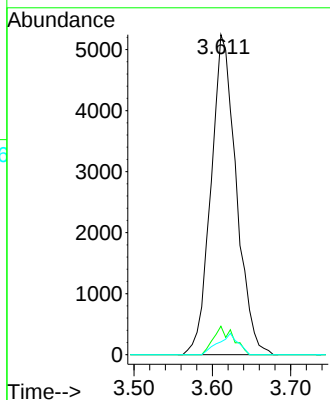
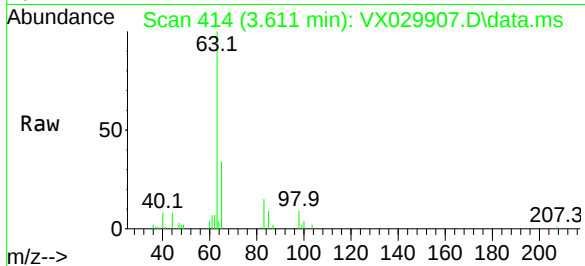




#24
1,1-Dichloroethane
Concen: 2.782 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

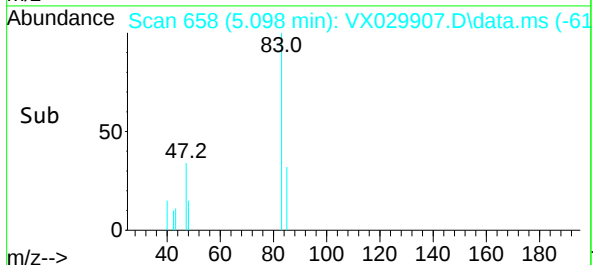
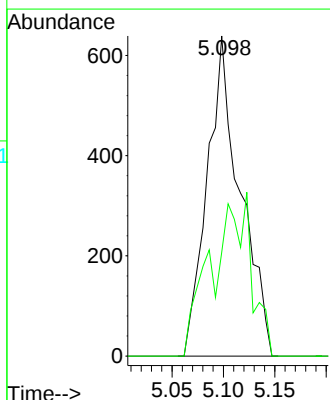
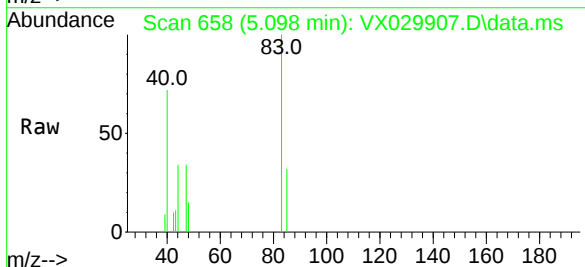
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20220623RE

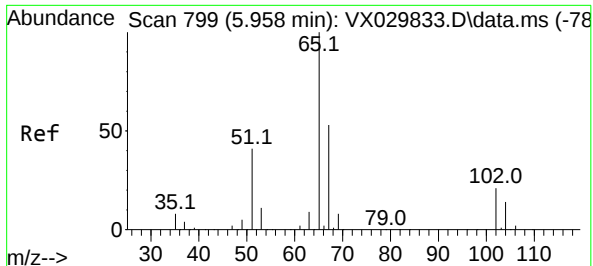
Tgt Ion: 63 Resp: 11771
Ion Ratio Lower Upper
63 100
98 8.9 3.5 10.5
100 4.0 2.3 6.9



#30
Chloroform
Concen: 0.344 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 83 Resp: 1428
Ion Ratio Lower Upper
83 100
85 32.4 51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 43.859 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

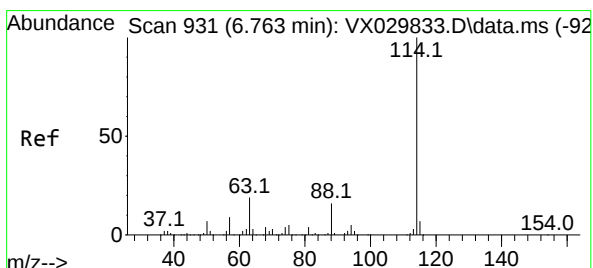
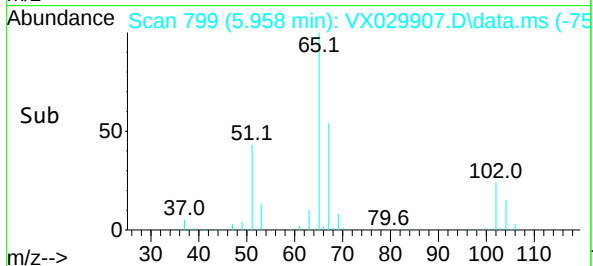
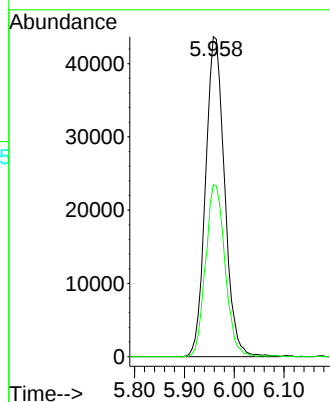
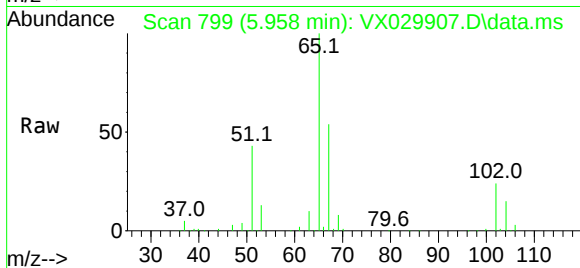
TT161S1-20220623RE

Tgt Ion: 65 Resp: 115991

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

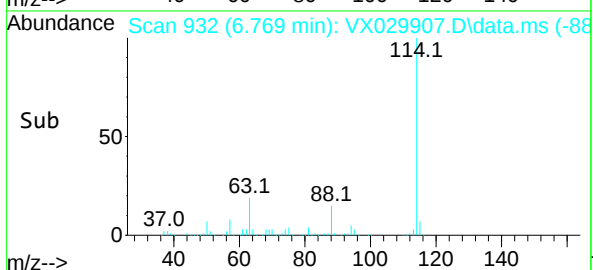
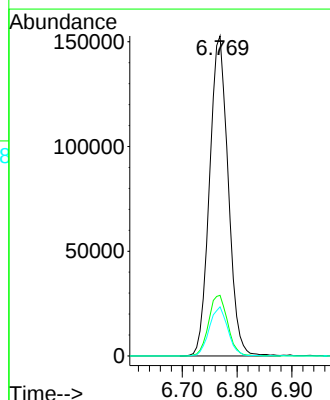
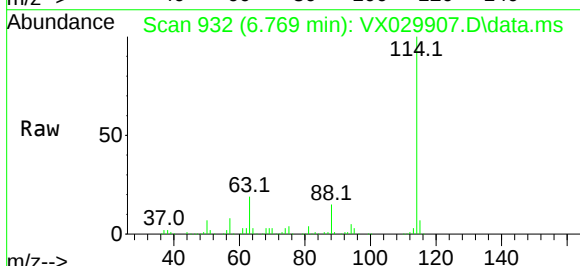
Tgt Ion: 114 Resp: 359845

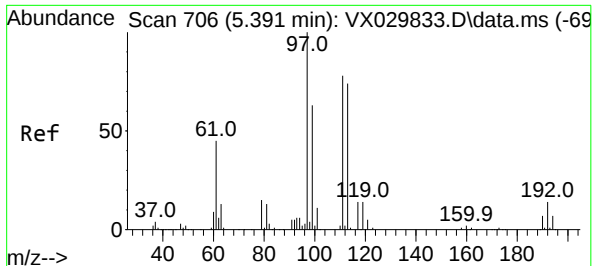
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.4 0.0 31.8

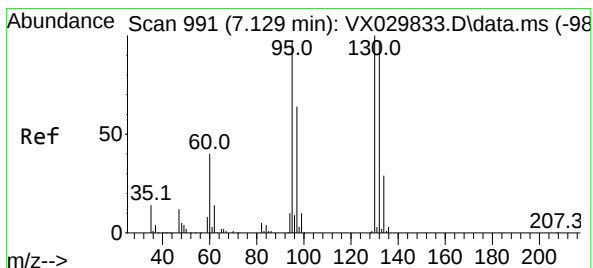
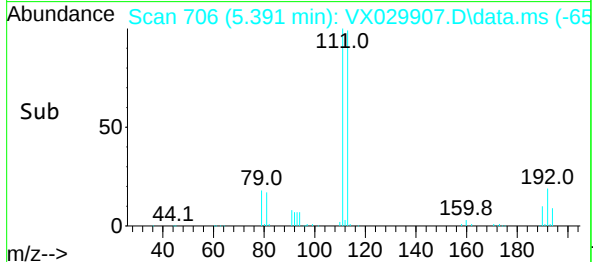
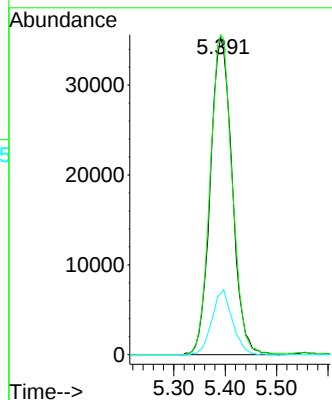
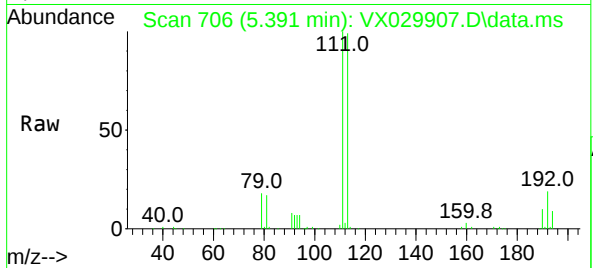




#35
Dibromofluoromethane
Concen: 46.135 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

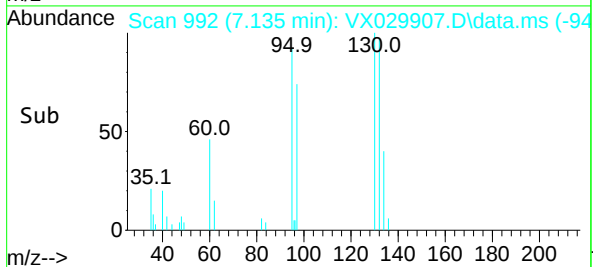
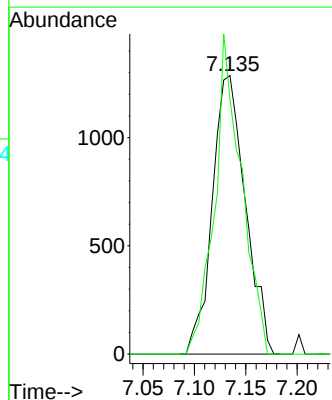
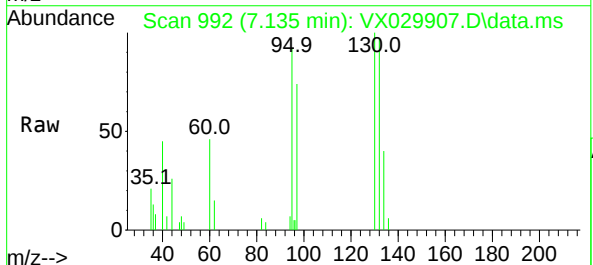
Instrument :
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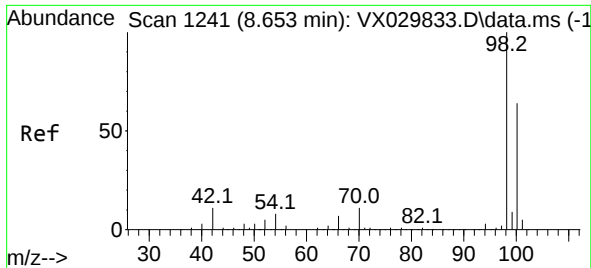
Tgt Ion:113 Resp: 103751
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 19.2 14.8 22.2



#44
Trichloroethene
Concen: 1.108 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion:130 Resp: 2886
Ion Ratio Lower Upper
130 100
95 91.5 0.0 194.8

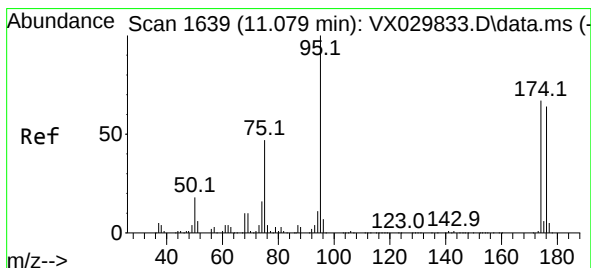
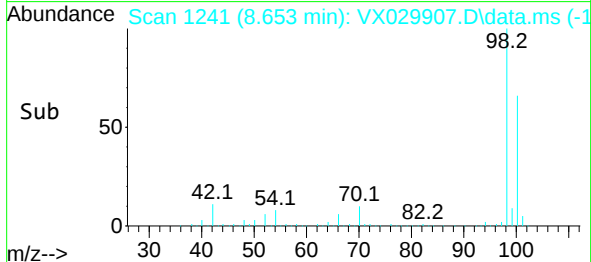
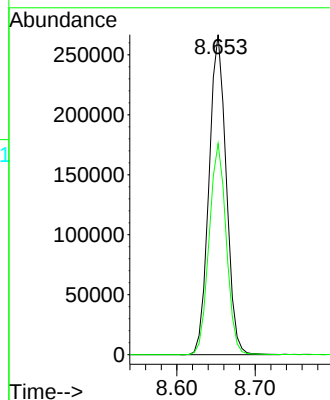
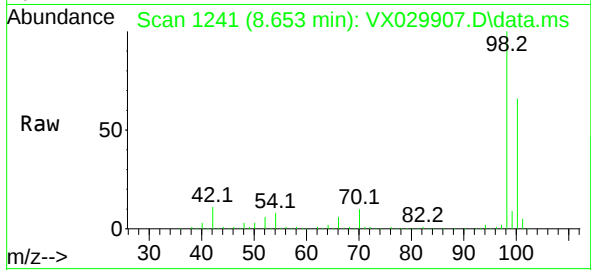




#50
Toluene-d8
Concen: 48.212 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

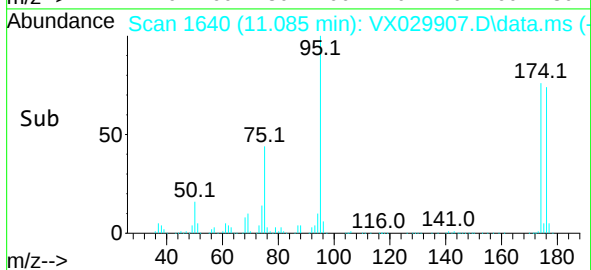
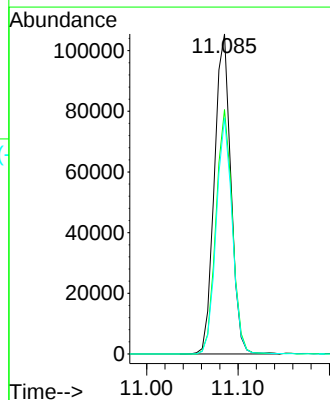
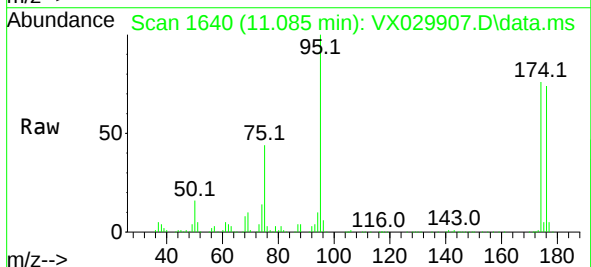
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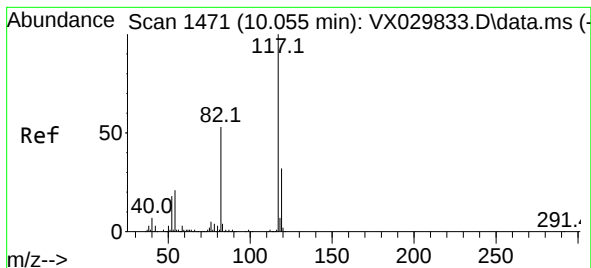
Tgt Ion: 98 Resp: 406742
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.304 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029907.D
Acq: 30 Jun 2022 13:21

Tgt Ion: 95 Resp: 132122
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 71.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20220623RE

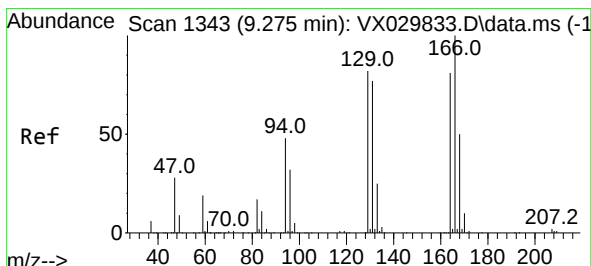
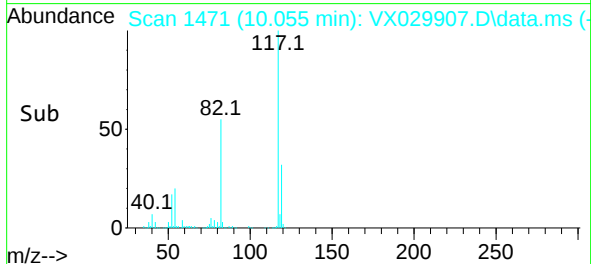
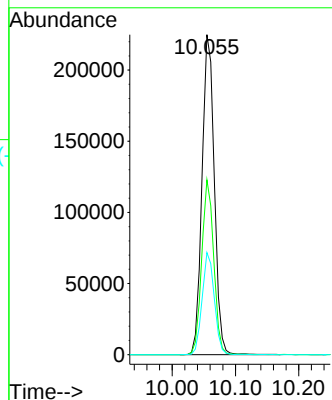
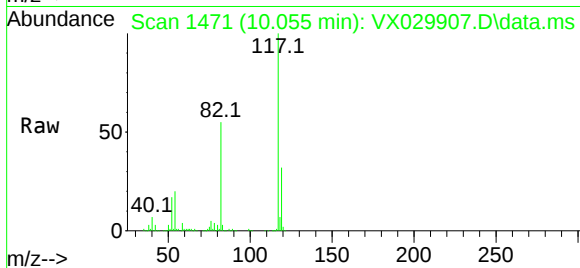
Tgt Ion:117 Resp: 304909

Ion Ratio Lower Upper

117 100

82 54.6 42.7 64.1

119 31.9 25.4 38.2



#64

Tetrachloroethene

Concen: 0.500 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX029907.D

Acq: 30 Jun 2022 13:21

Tgt Ion:164 Resp: 920

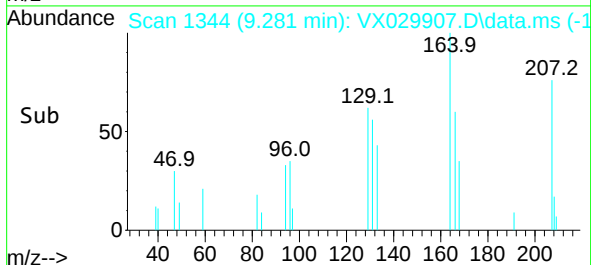
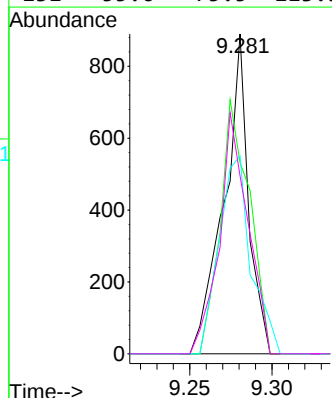
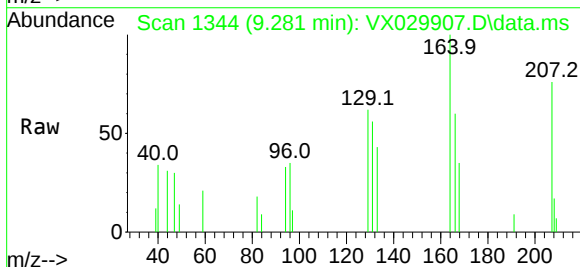
Ion Ratio Lower Upper

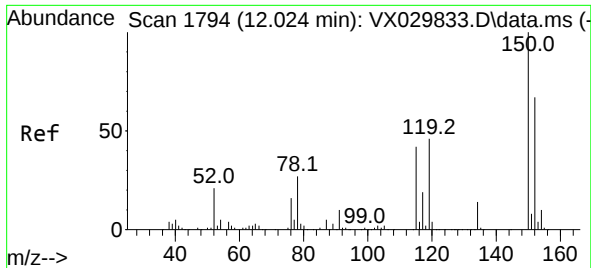
164 100

166 59.8 98.2 147.4#

129 61.9 80.8 121.2#

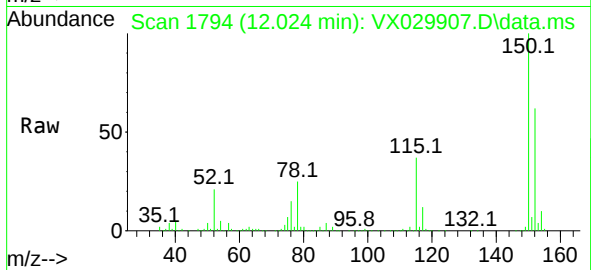
131 55.6 75.5 113.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029907.D
 Acq: 30 Jun 2022 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20220623RE



Tgt Ion:152 Resp: 123606
 Ion Ratio Lower Upper
 152 100
 115 59.0 40.5 121.5
 150 159.0 0.0 347.0

