

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030065.D
 Acq On : 14 Jul 2022 16:57
 Operator : JC/MD
 Sample : N3705-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-14911-20220711

Quant Time: Jul 15 04:18:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

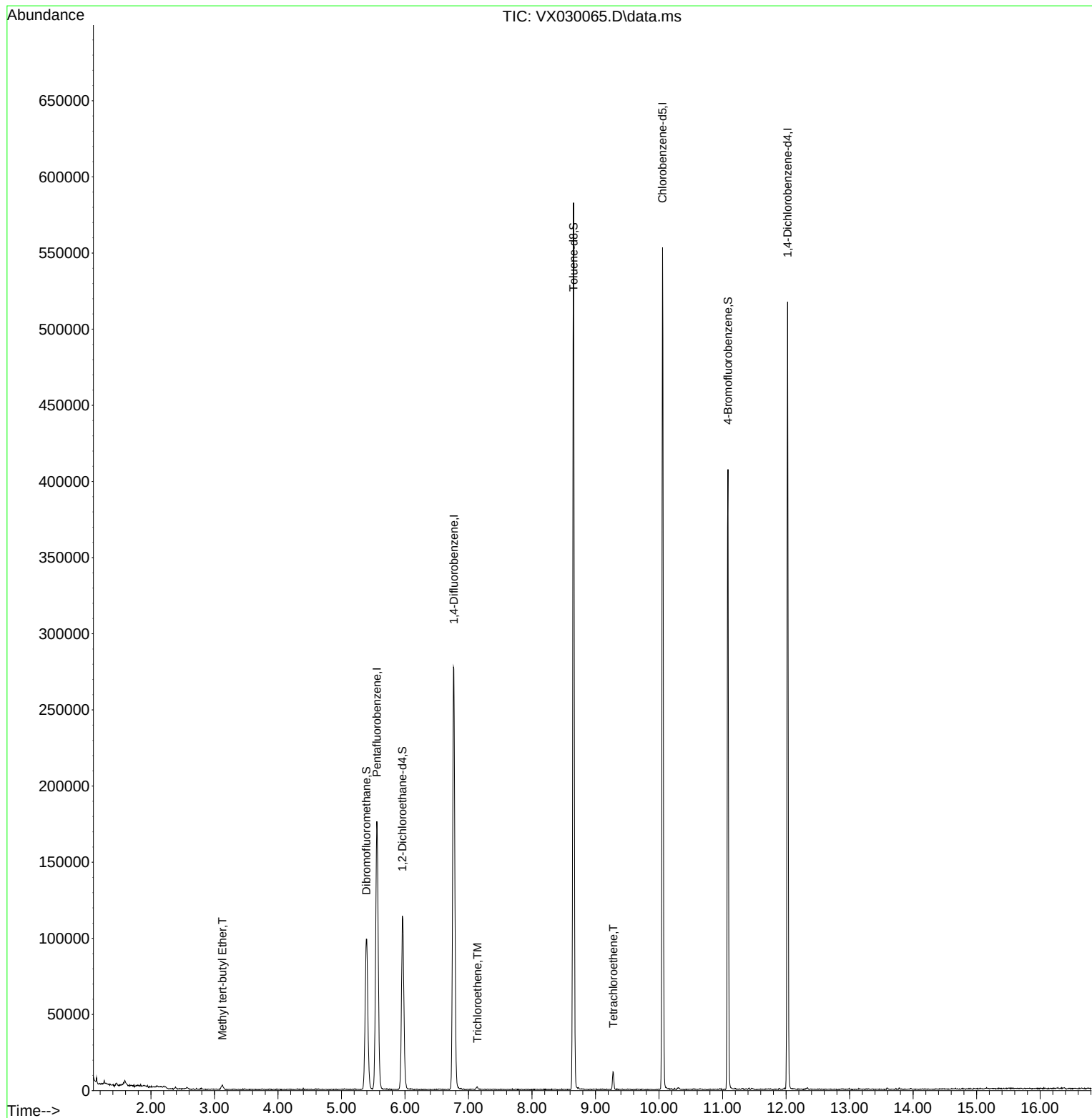
Internal Standards						
1) Pentafluorobenzene	5.556	168	173887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98629	46.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.200%
35) Dibromofluoromethane	5.391	113	91384	47.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.653	98	339743	46.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.580%
62) 4-Bromofluorobenzene	11.085	95	111596	44.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.123	73	2516	0.449	ug/l #	79
44) Trichloroethene	7.141	130	701	0.306	ug/l	85
64) Tetrachloroethene	9.281	164	2461	1.186	ug/l	88

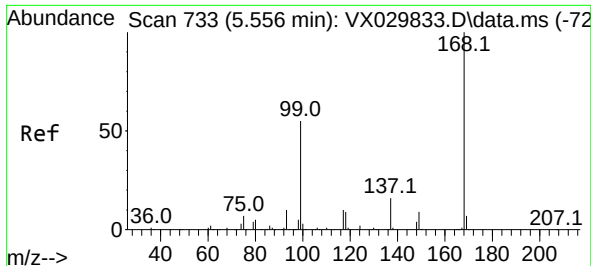
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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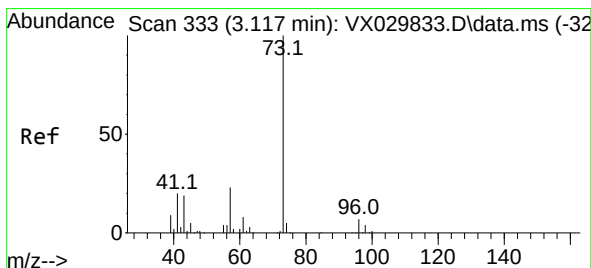
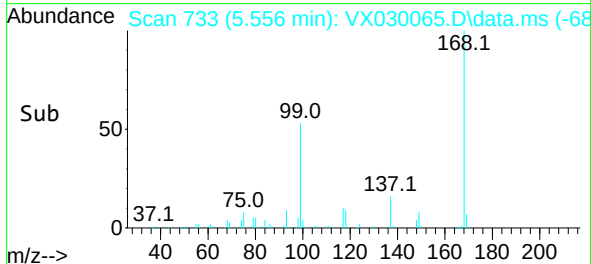
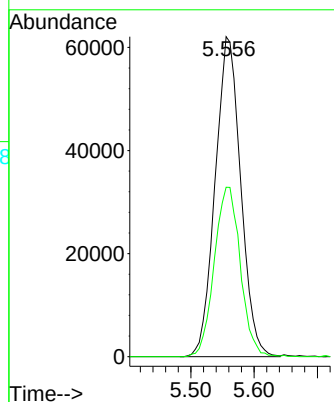
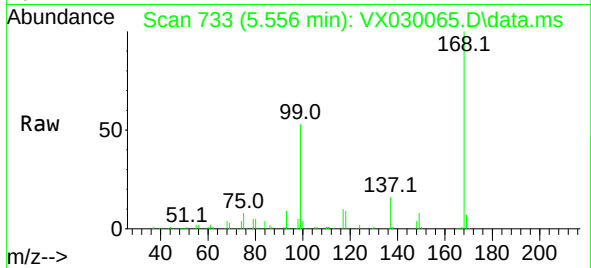




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

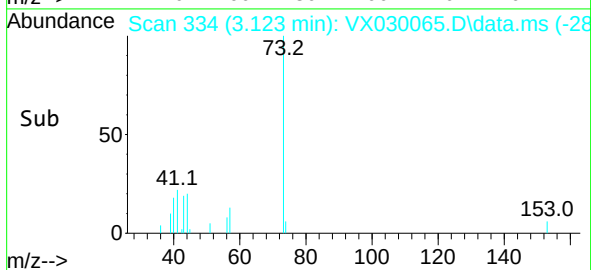
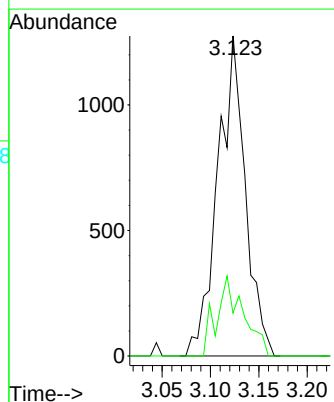
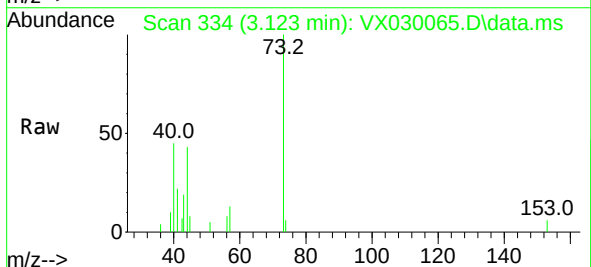
Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

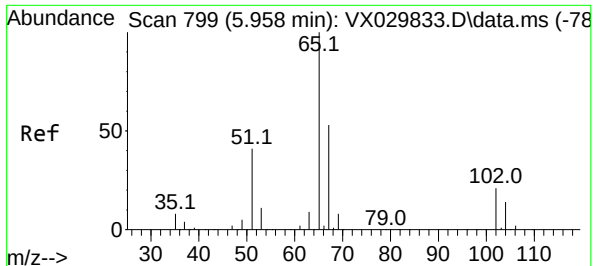
Tgt Ion:168 Resp: 173887
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 0.449 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 73 Resp: 2516
Ion Ratio Lower Upper
73 100
57 13.4 19.0 28.6#





#33

1,2-Dichloroethane-d4

Concen: 46.600 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030065.D

Acq: 14 Jul 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

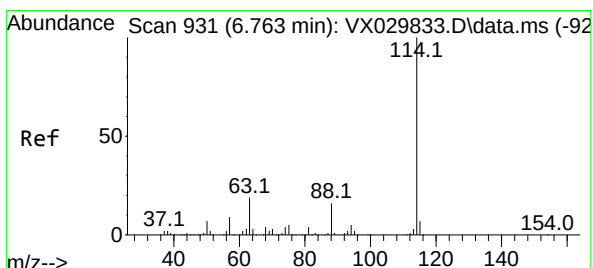
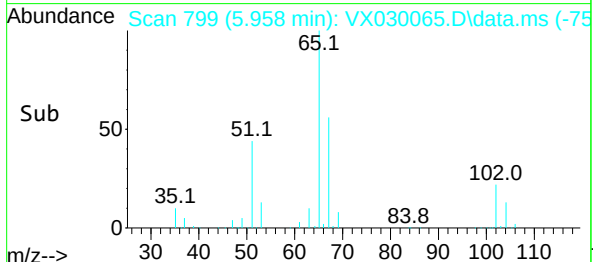
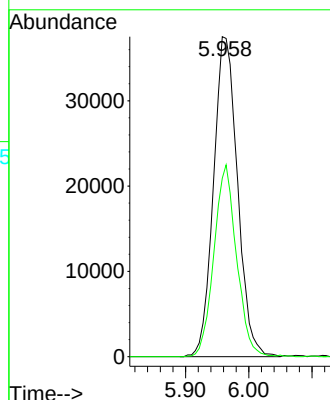
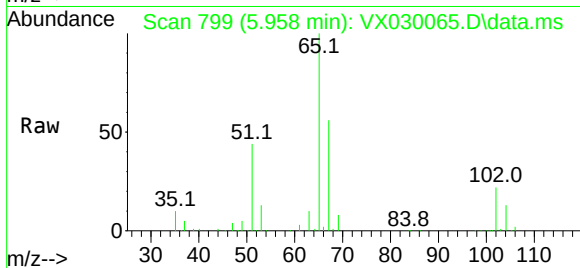
TT-14911-20220711

Tgt Ion: 65 Resp: 98629

Ion Ratio Lower Upper

65 100

67 56.4 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: VX030065.D

Acq: 14 Jul 2022 16:57

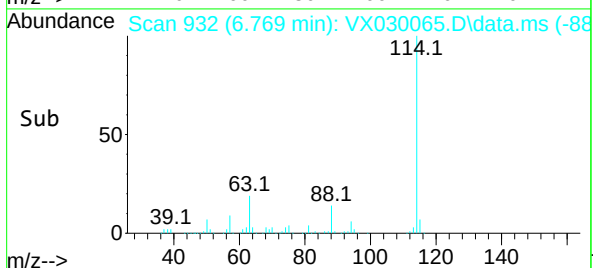
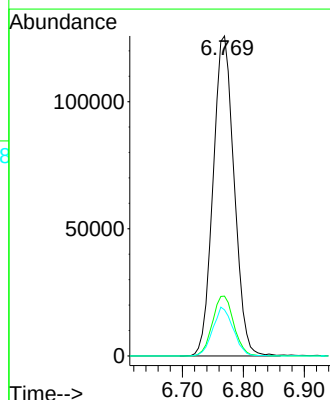
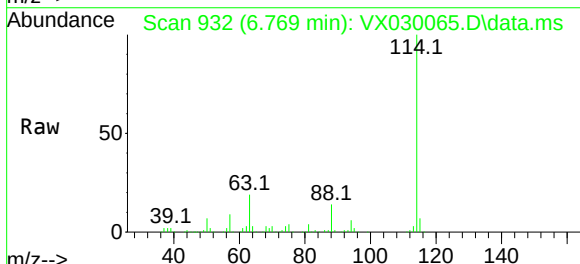
Tgt Ion: 114 Resp: 302238

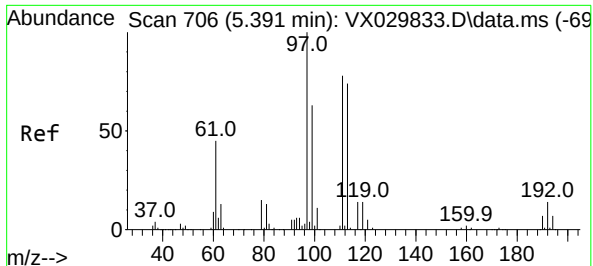
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.329 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030065.D

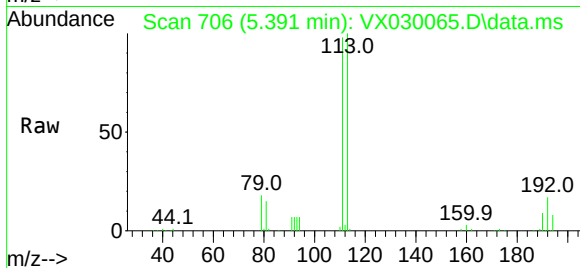
Acq: 14 Jul 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

TT-14911-20220711



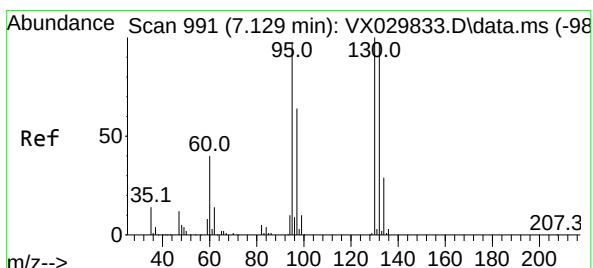
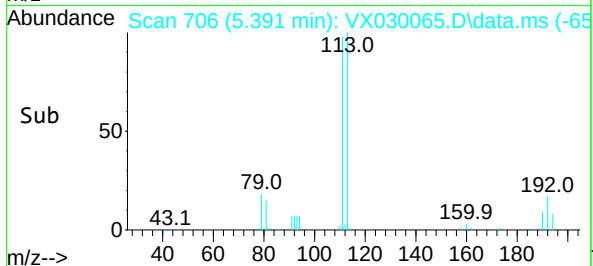
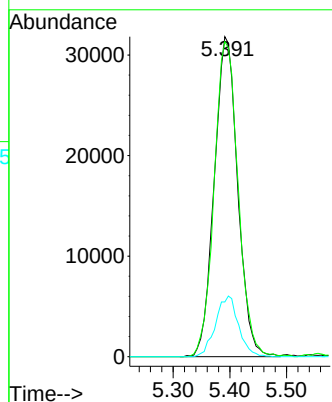
Tgt Ion:113 Resp: 91384

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

192 18.6 14.8 22.2



#44

Trichloroethene

Concen: 0.306 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX030065.D

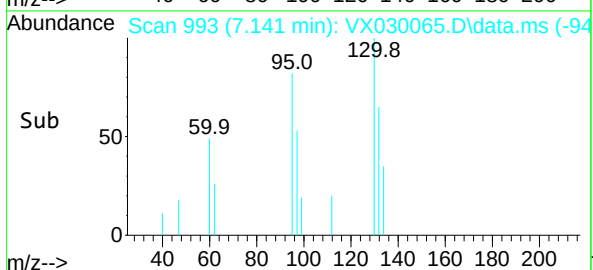
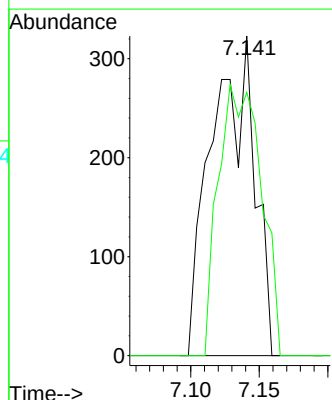
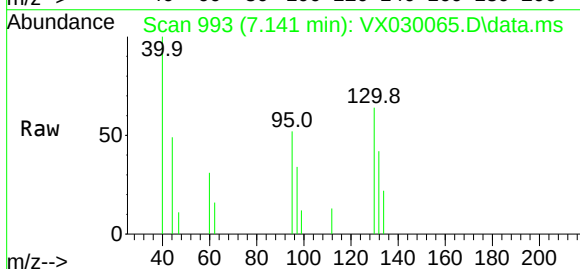
Acq: 14 Jul 2022 16:57

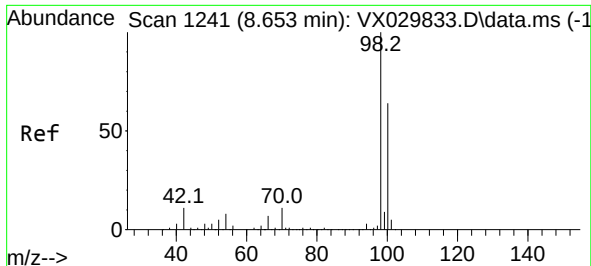
Tgt Ion:130 Resp: 701

Ion Ratio Lower Upper

130 100

95 82.4 0.0 194.8

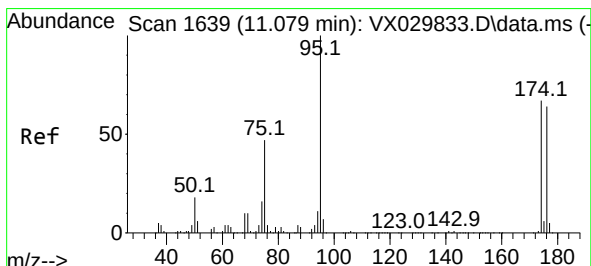
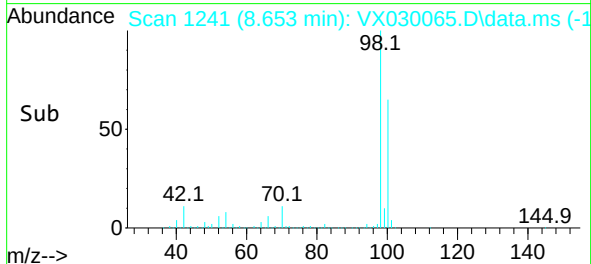
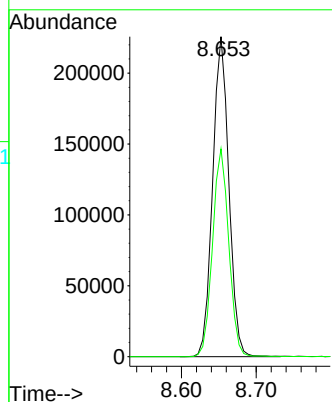
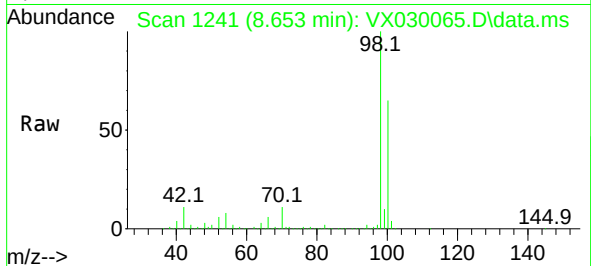




#50
Toluene-d8
Concen: 46.786 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

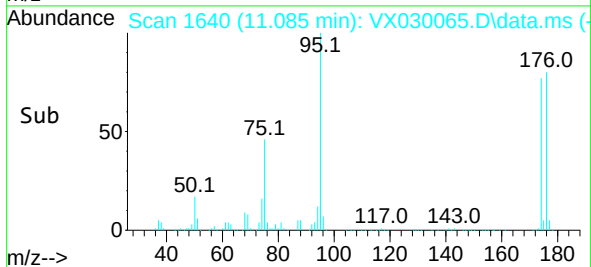
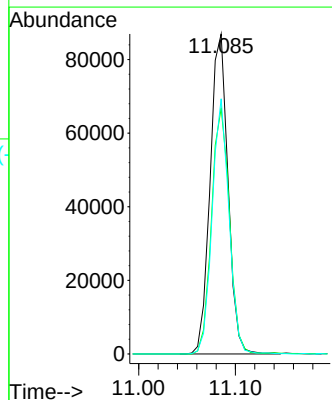
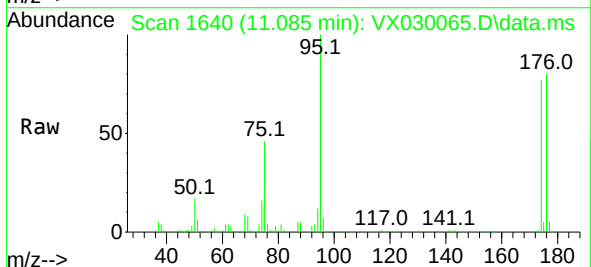
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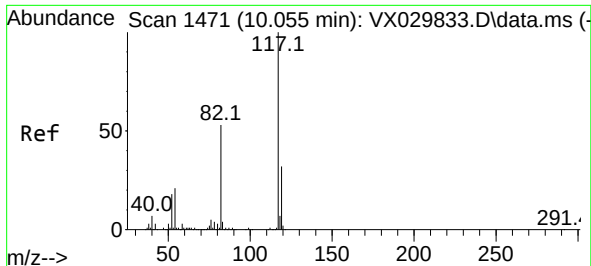
Tgt Ion: 98 Resp: 339743
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 95 Resp: 111596
Ion Ratio Lower Upper
95 100
174 77.1 0.0 149.0
176 75.3 0.0 146.0

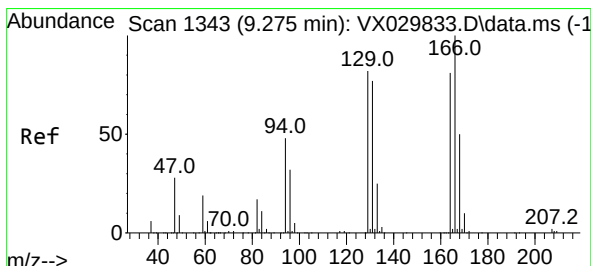
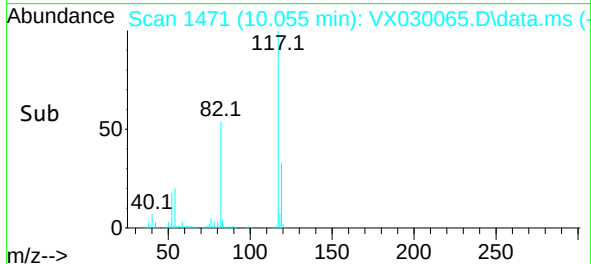
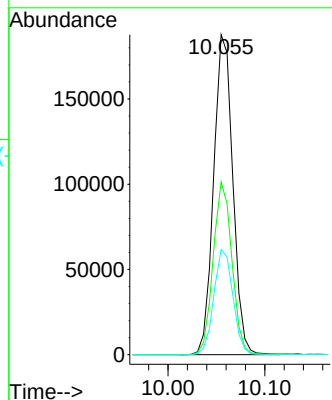
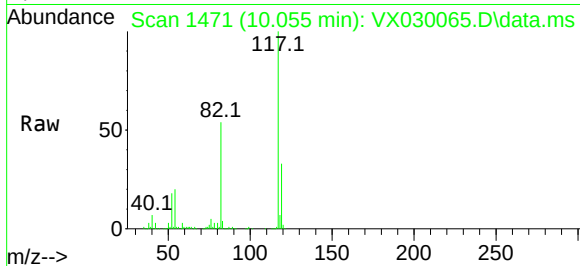




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

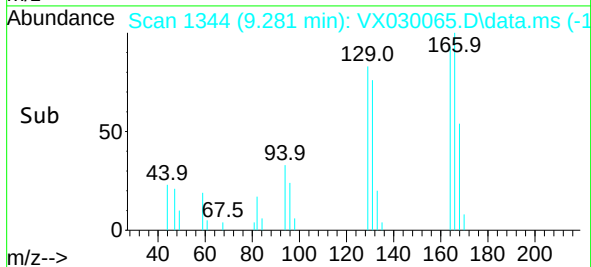
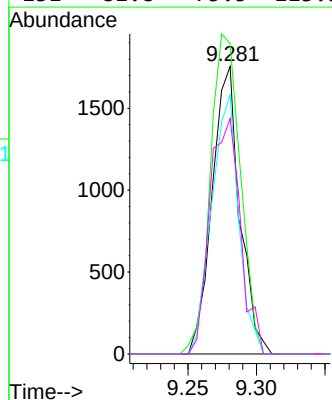
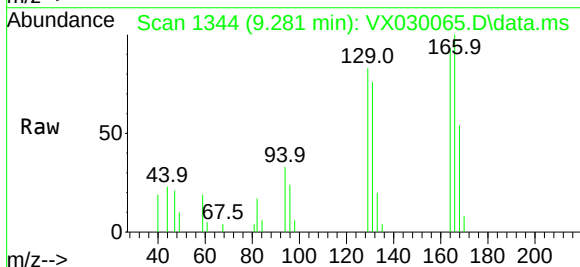
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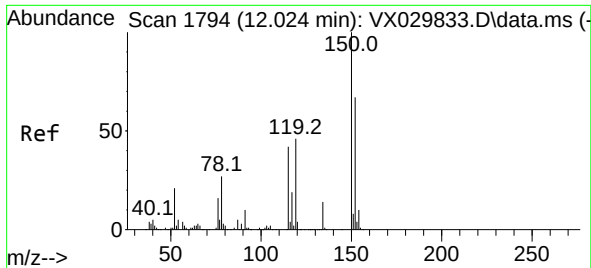
Tgt Ion:117 Resp: 258485
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 1.186 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

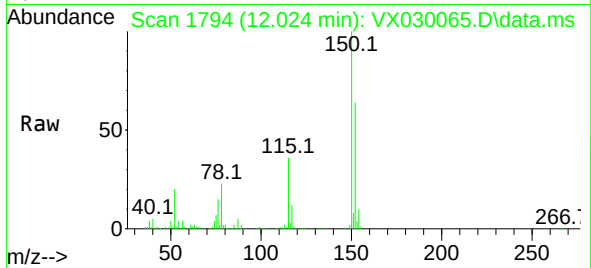
Tgt Ion:164 Resp: 2461
Ion Ratio Lower Upper
164 100
166 107.9 98.2 147.4
129 90.1 80.8 121.2
131 81.8 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030065.D
 Acq: 14 Jul 2022 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-14911-20220711



Tgt Ion:152 Resp: 108047
 Ion Ratio Lower Upper
 152 100
 115 58.6 40.5 121.5
 150 155.4 0.0 347.0

