

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037091.D
 Acq On : 18 Aug 2023 17:56
 Operator : JC/MD
 Sample : 04024-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230815DL

Quant Time: Aug 19 05:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

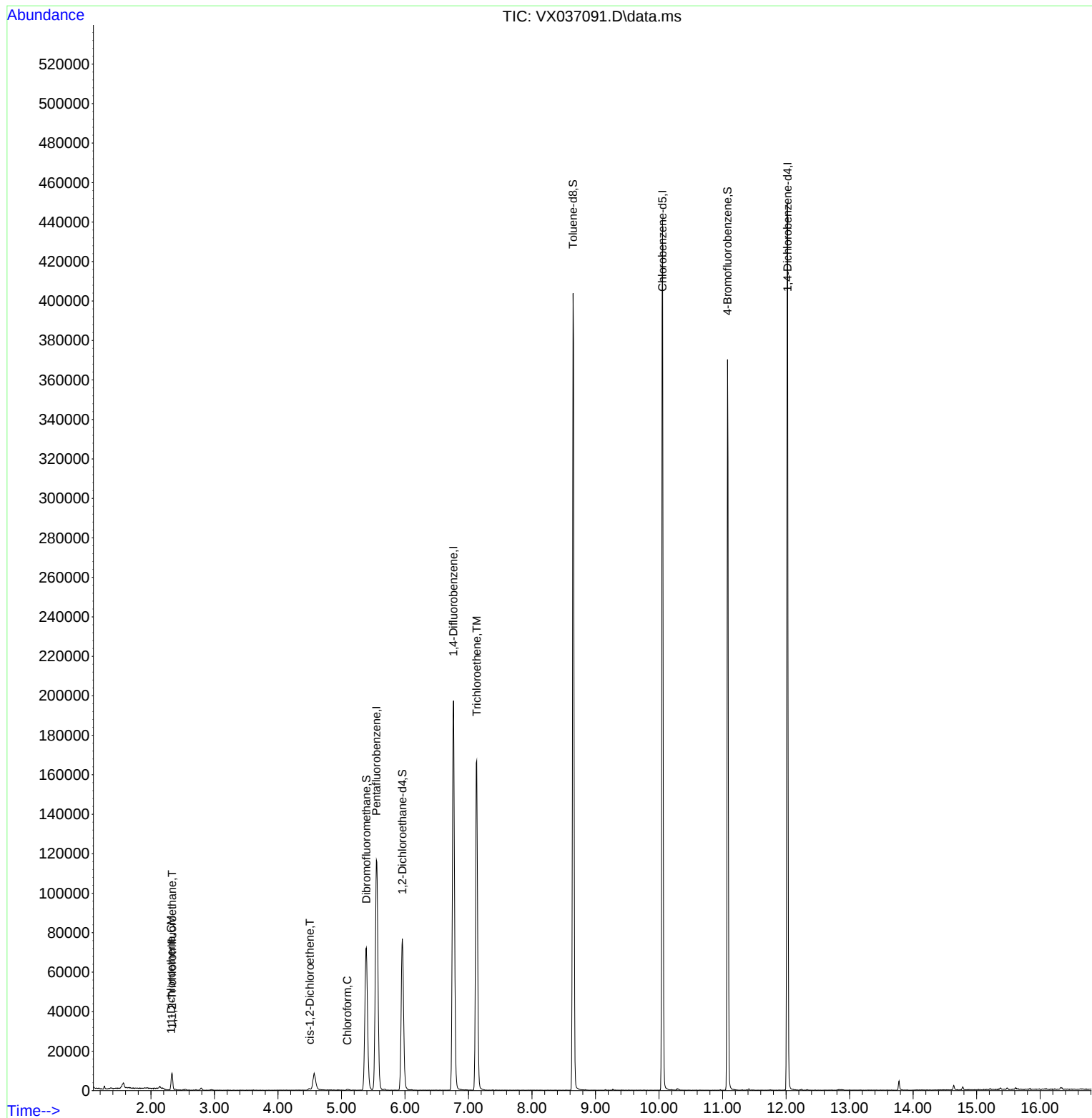
Internal Standards						
1) Pentafluorobenzene	5.550	168	110011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76968	48.529	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.060%
35) Dibromofluoromethane	5.391	113	64519	47.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	8.647	98	244873	49.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.079	95	101925	52.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.840%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3294	2.833	ug/l	96
12) 1,1-Dichloroethene	2.319	96	516	0.456	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	630	0.415	ug/l	88
30) Chloroform	5.093	83	592	0.234	ug/l #	61
44) Trichloroethene	7.129	130	65517	41.973	ug/l	96

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

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RE114D1-20230815DL

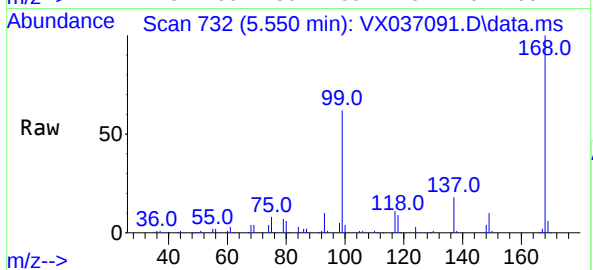
Quant Time: Aug 19 05:21:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



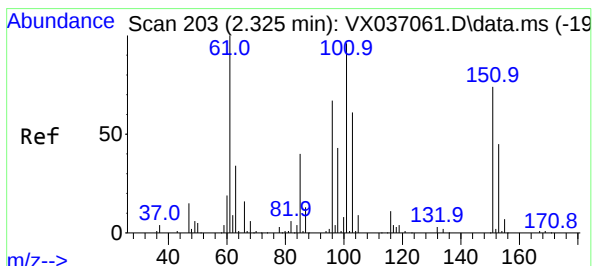
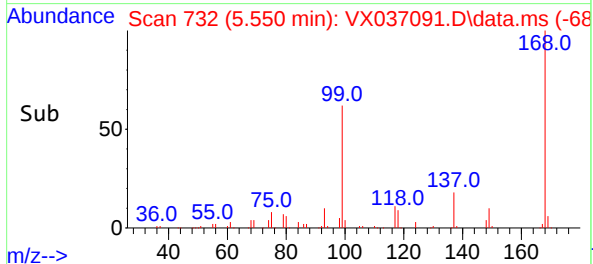
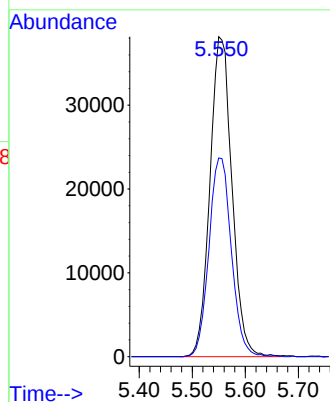


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230815DL

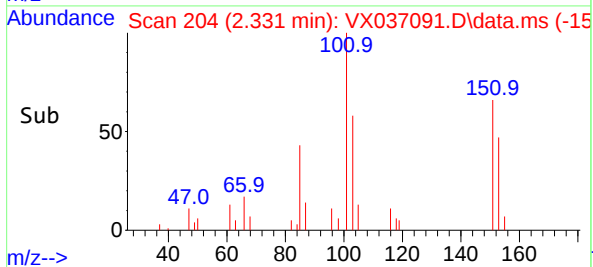
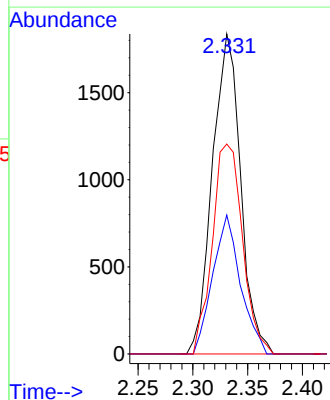
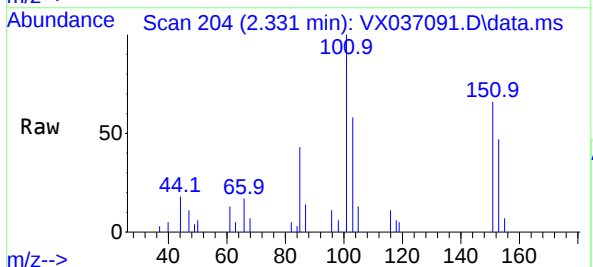


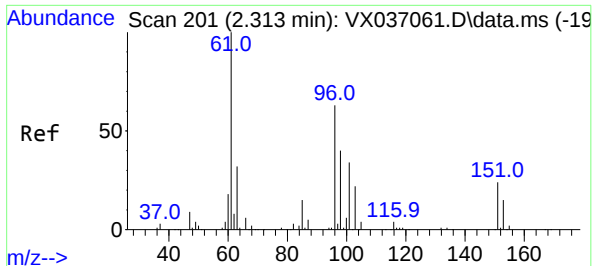
Tgt Ion:168 Resp: 110011
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.833 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

Tgt Ion:101 Resp: 3294
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 70.2 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.456 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037091.D

Acq: 18 Aug 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20230815DL

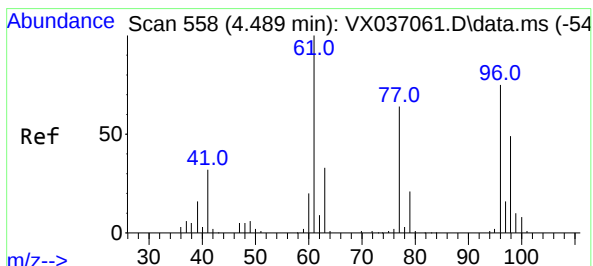
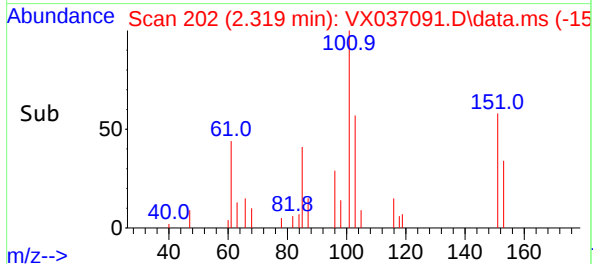
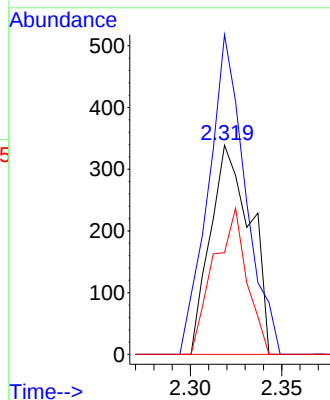
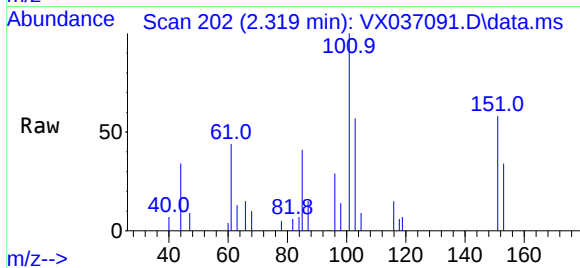
Tgt Ion: 96 Resp: 516

Ion Ratio Lower Upper

96 100

61 152.8 144.6 216.8

98 48.7 50.4 75.6#



#27

cis-1,2-Dichloroethene

Concen: 0.415 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX037091.D

Acq: 18 Aug 2023 17:56

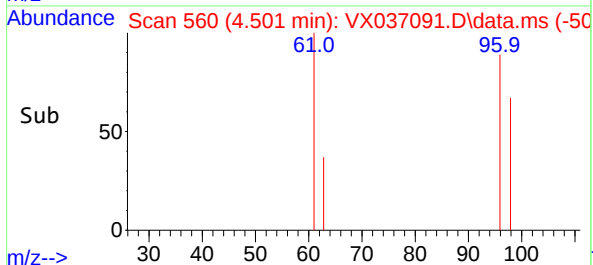
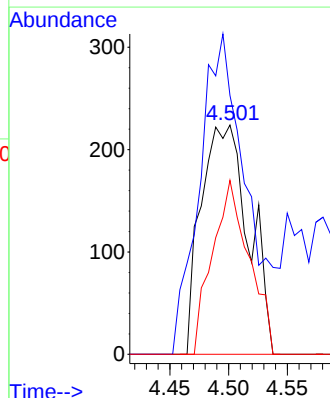
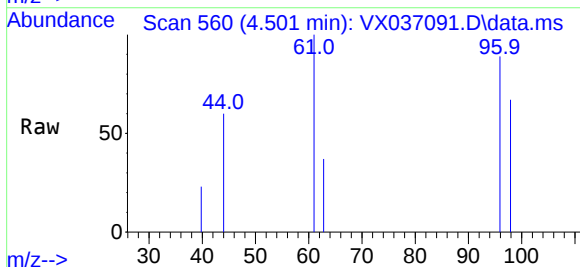
Tgt Ion: 96 Resp: 630

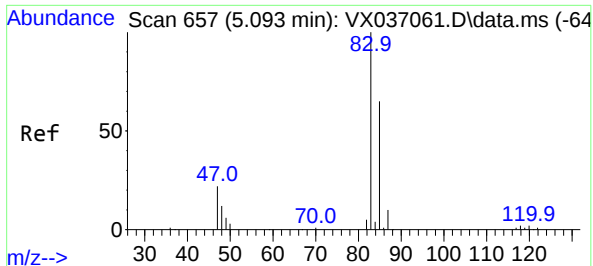
Ion Ratio Lower Upper

96 100

61 137.6 0.0 312.2

98 58.6 0.0 129.0





#30

Chloroform

Concen: 0.234 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX037091.D

Acq: 18 Aug 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

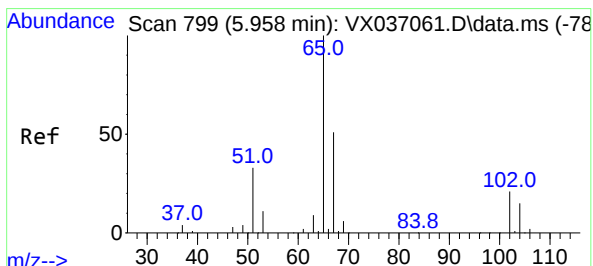
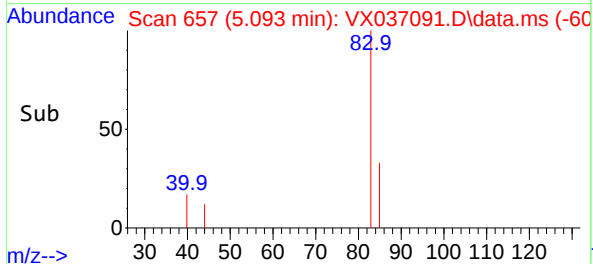
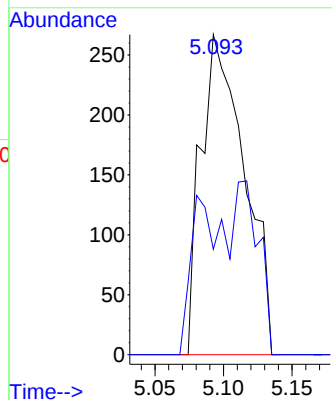
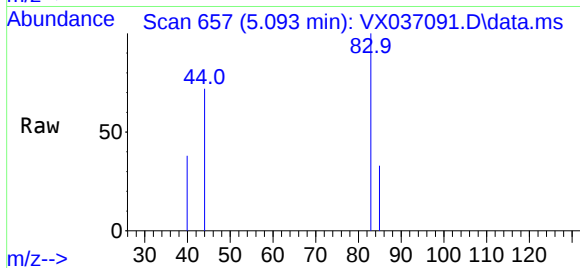
RE114D1-20230815DL

Tgt Ion: 83 Resp: 592

Ion Ratio Lower Upper

83 100

85 33.0 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 48.529 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037091.D

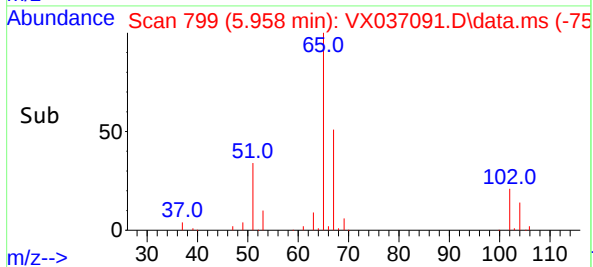
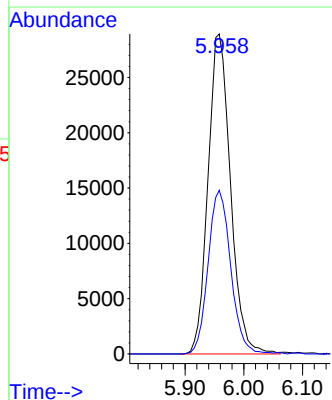
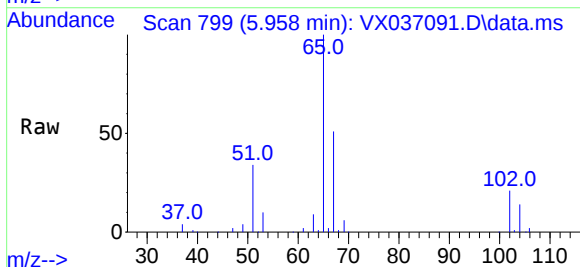
Acq: 18 Aug 2023 17:56

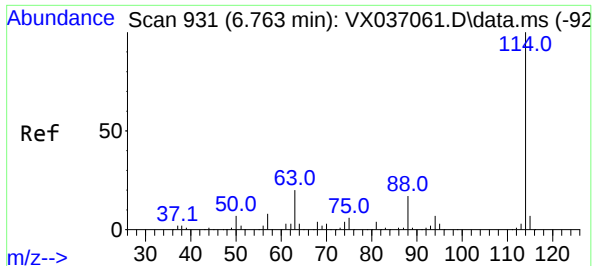
Tgt Ion: 65 Resp: 76968

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2

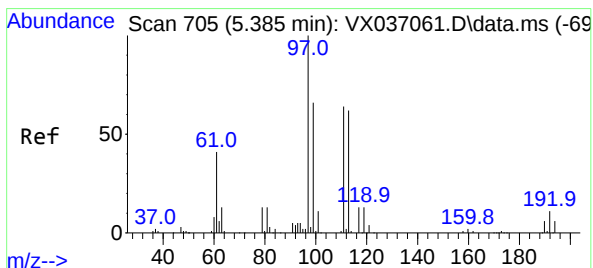
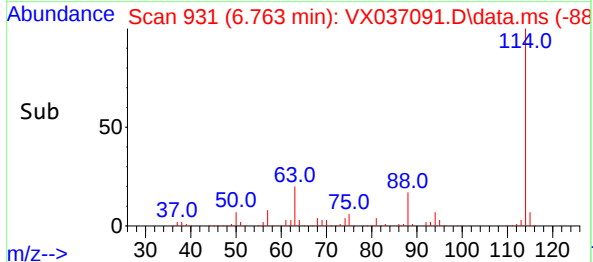
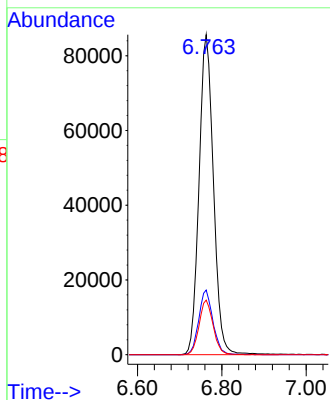
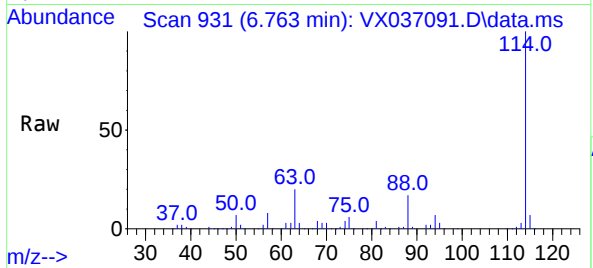




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

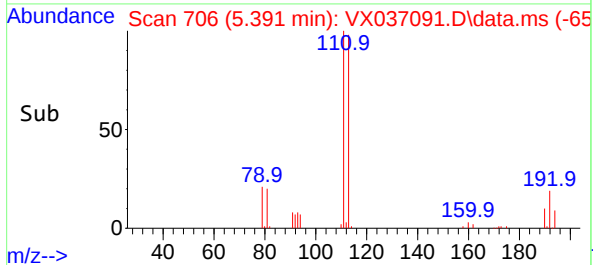
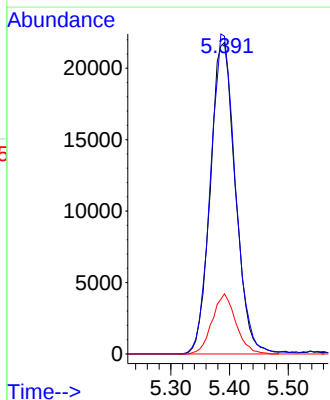
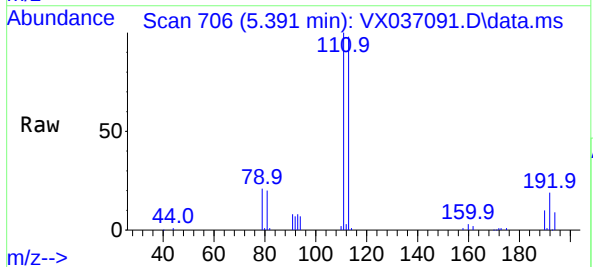
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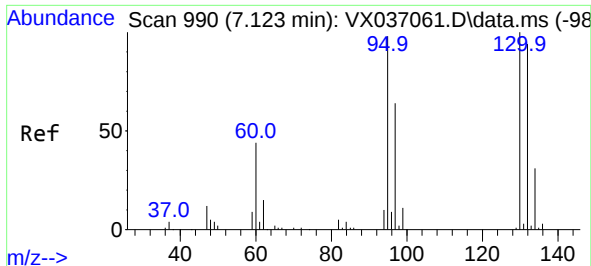
Tgt Ion:114 Resp: 203994
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.756 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

Tgt Ion:113 Resp: 64519
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.3 13.3 19.9

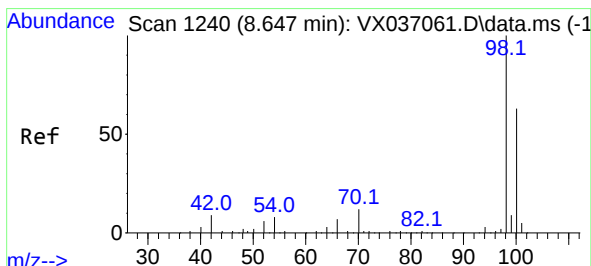
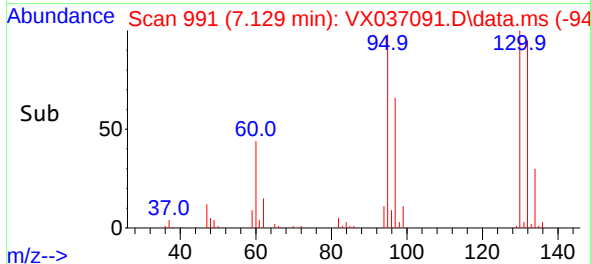
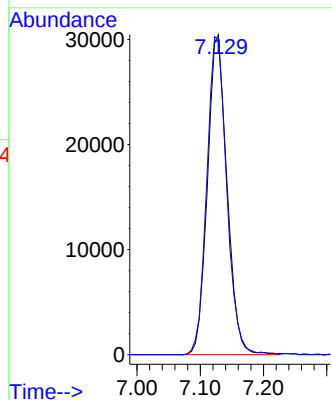
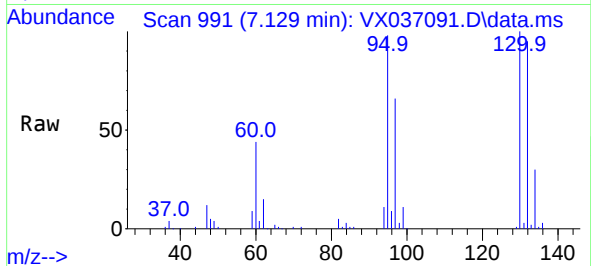




#44
Trichloroethene
Concen: 41.973 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

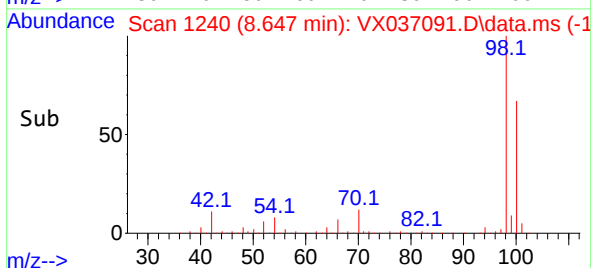
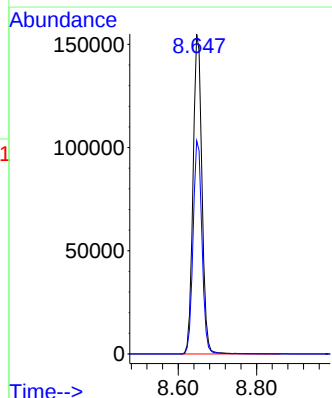
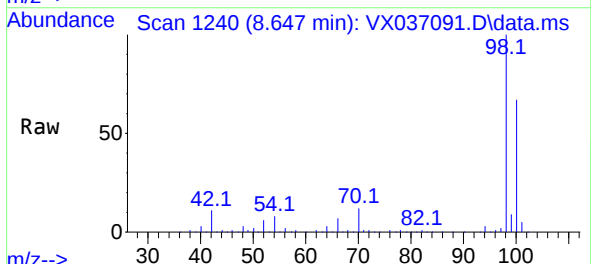
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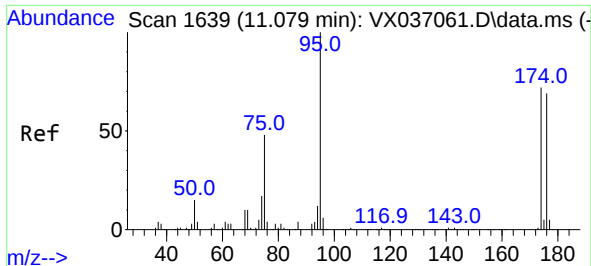
Tgt Ion:130 Resp: 65517
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4



#50
Toluene-d8
Concen: 49.968 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

Tgt Ion: 98 Resp: 244873
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

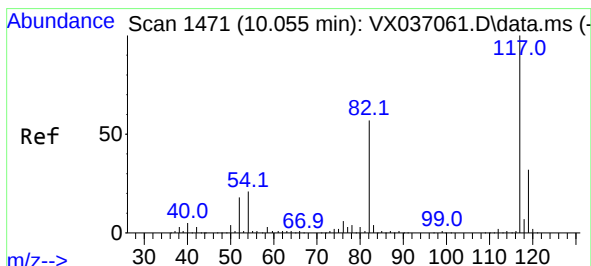
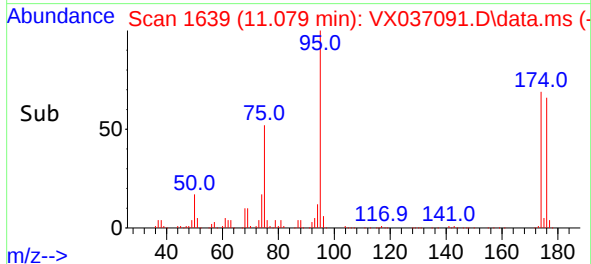
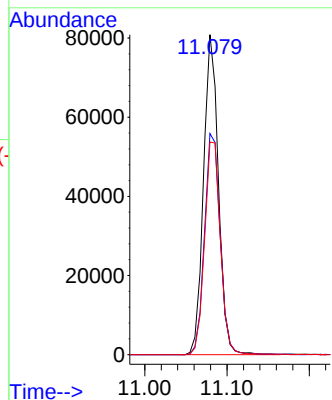
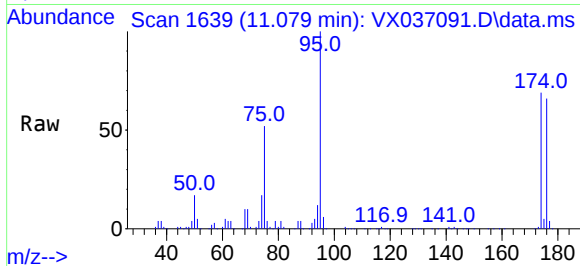




#62
4-Bromofluorobenzene
Concen: 52.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

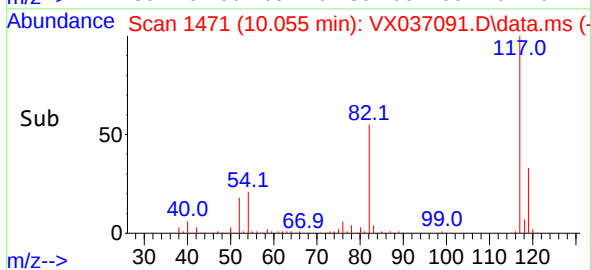
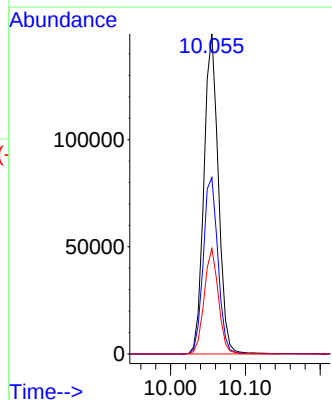
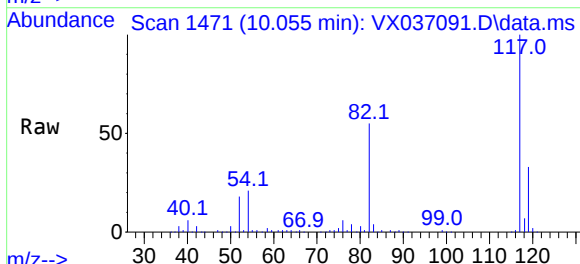
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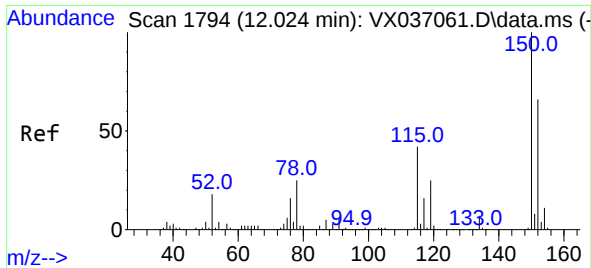
Tgt Ion: 95 Resp: 101925
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037091.D
Acq: 18 Aug 2023 17:56

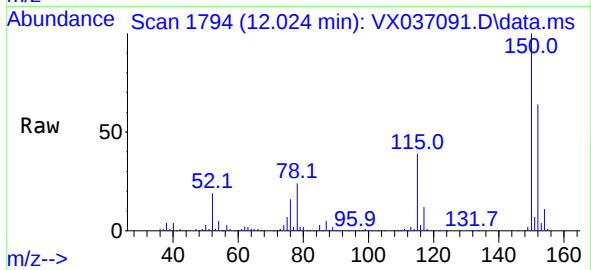
Tgt Ion: 117 Resp: 200202
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037091.D
 Acq: 18 Aug 2023 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230815DL



Tgt Ion:152 Resp: 95089

Ion	Ratio	Lower	Upper
152	100		
115	63.6	43.3	129.9
150	156.9	0.0	345.0

