

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037021.D
 Acq On : 16 Aug 2023 16:36
 Operator : JC/MD
 Sample : 04024-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230815

Quant Time: Aug 17 04:16:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

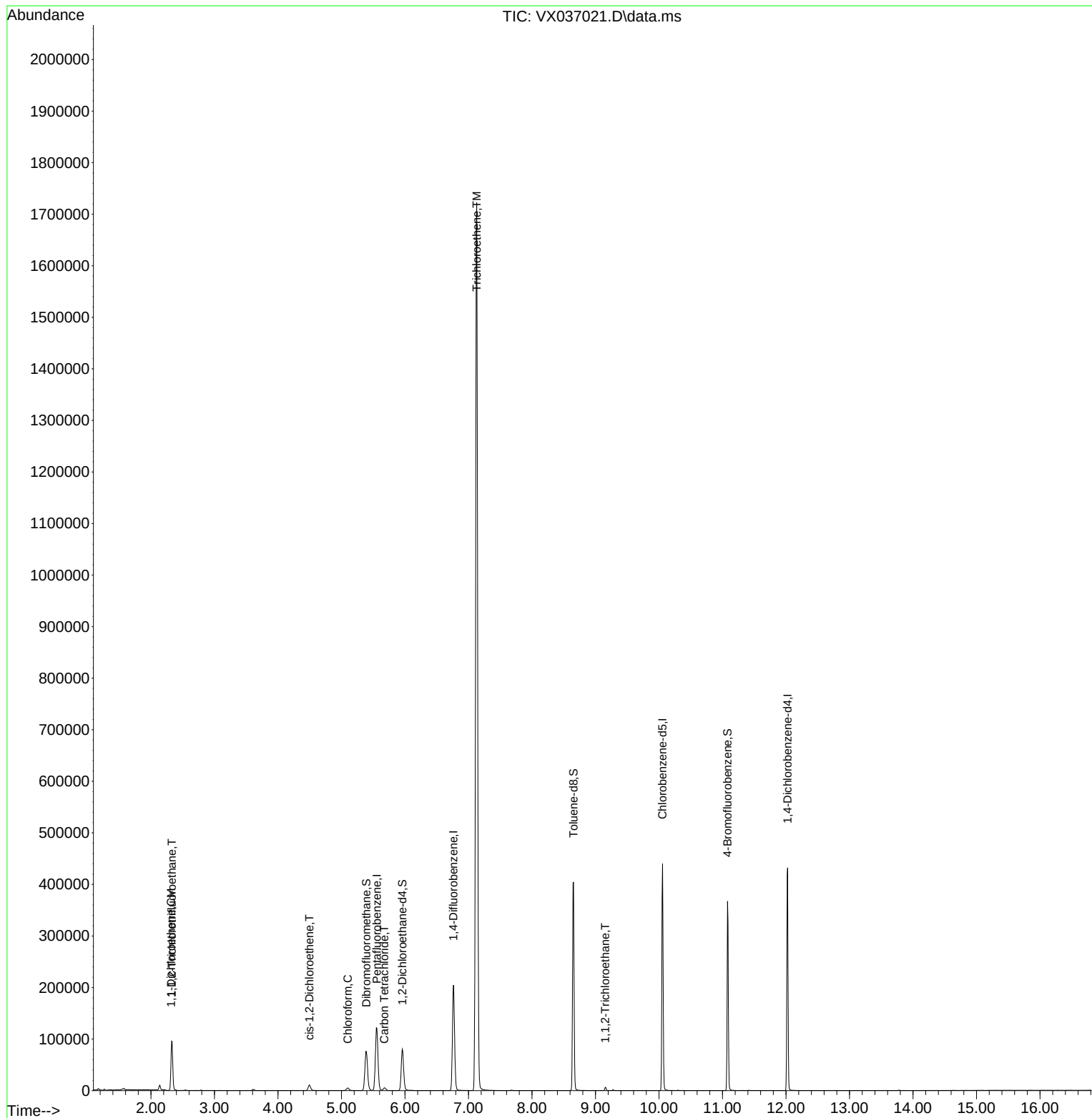
Internal Standards						
1) Pentafluorobenzene	5.556	168	113008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80430	48.101	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.200%		
35) Dibromofluoromethane	5.391	113	66973	46.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.420%		
50) Toluene-d8	8.653	98	247116	48.599	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.079	95	100122	52.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.380%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	34417	26.833	ug/l	98
12) 1,1-Dichloroethene	2.319	96	5419	4.282	ug/l	81
27) cis-1,2-Dichloroethene	4.495	96	7214	4.295	ug/l	80
30) Chloroform	5.099	83	6014	2.216	ug/l	99
38) Carbon Tetrachloride	5.672	117	4758	2.094	ug/l #	88
44) Trichloroethene	7.129	130	670052	412.266	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	1728	1.055	ug/l #	83

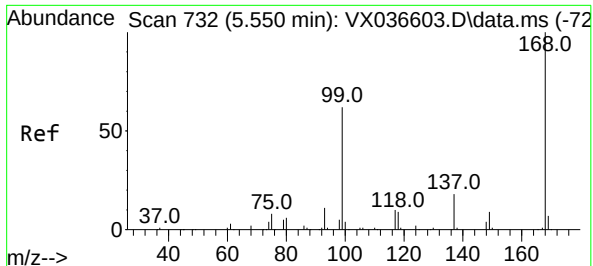
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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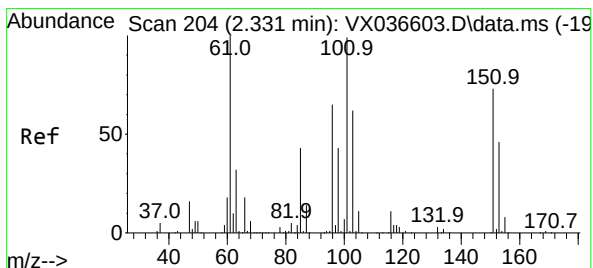
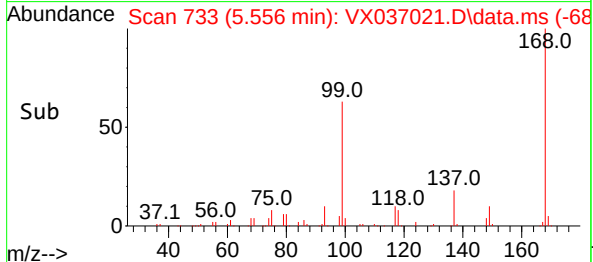
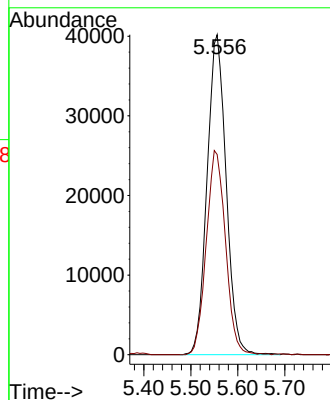
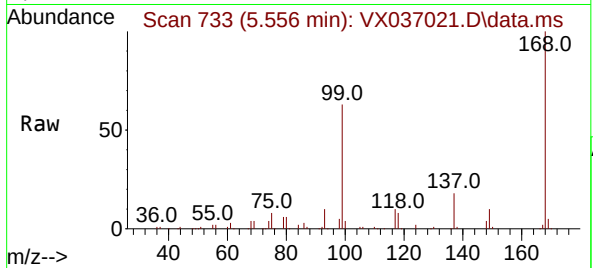




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

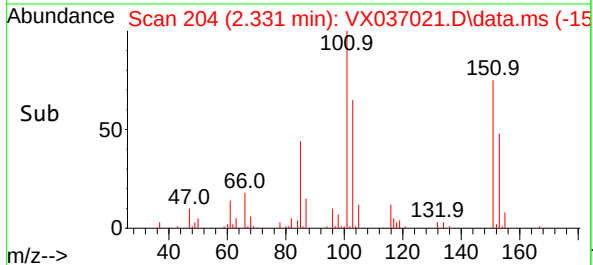
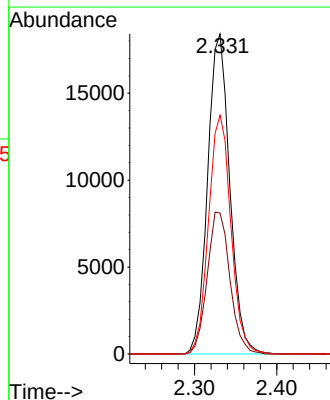
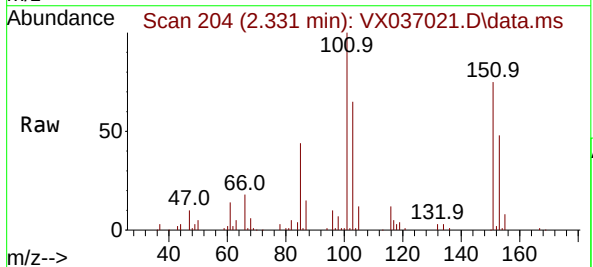
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230815

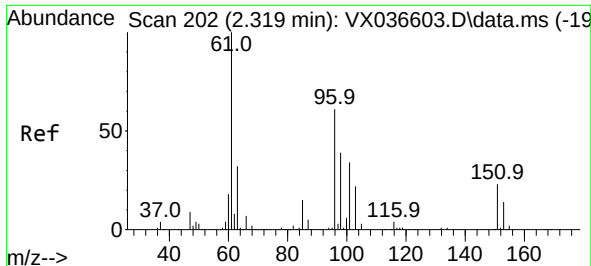
Tgt Ion:168 Resp: 113008
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.833 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

Tgt Ion:101 Resp: 34417
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 75.4 58.6 87.8

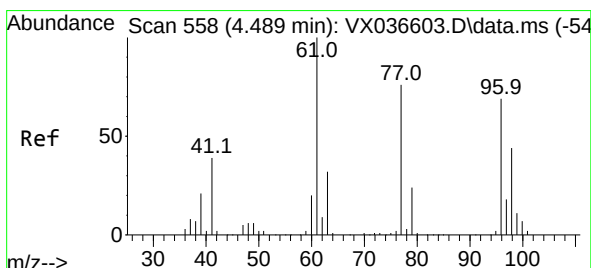
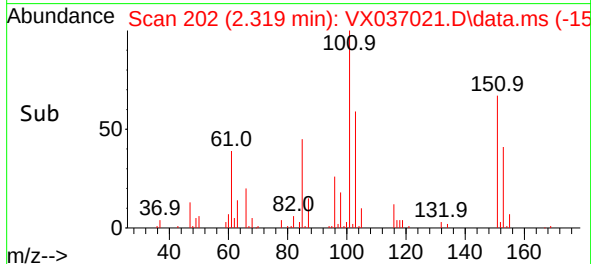
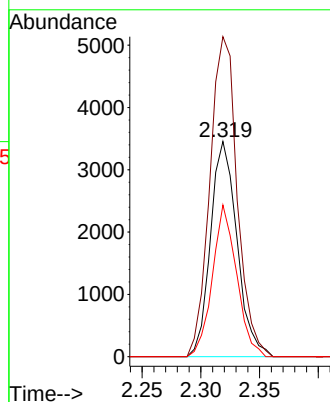
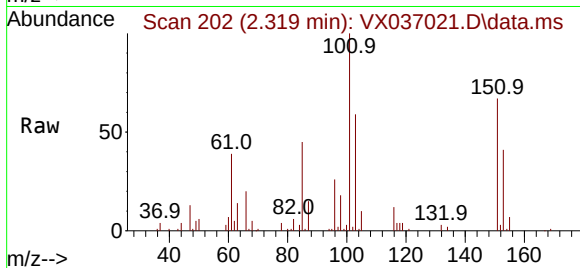




#12
 1,1-Dichloroethene
 Concen: 4.282 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX037021.D
 Acq: 16 Aug 2023 16:36

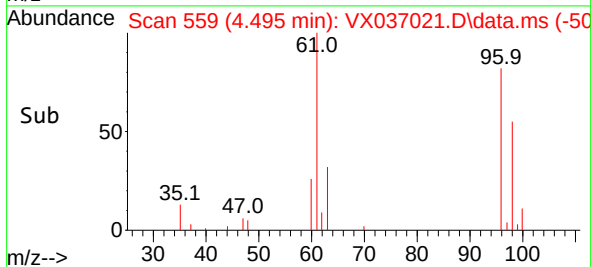
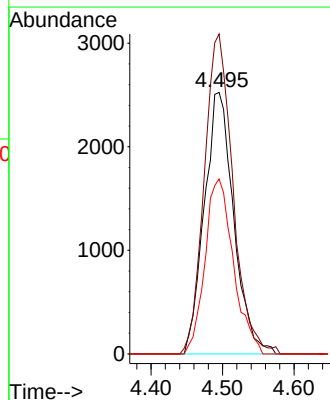
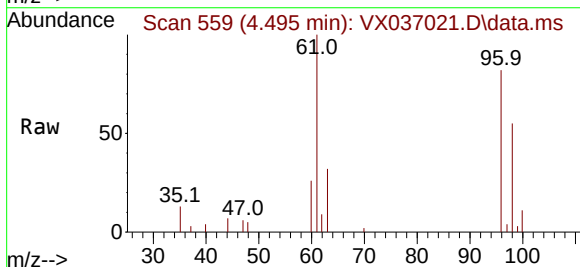
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 ClientSampleId :
 RE114D1-20230815

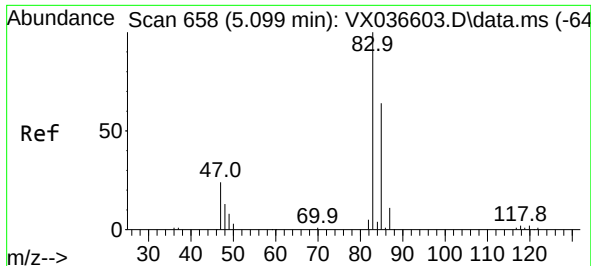
Tgt Ion: 96 Resp: 5419
 Ion Ratio Lower Upper
 96 100
 61 148.7 144.6 216.8
 98 70.5 50.4 75.6



#27
 cis-1,2-Dichloroethene
 Concen: 4.295 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX037021.D
 Acq: 16 Aug 2023 16:36

Tgt Ion: 96 Resp: 7214
 Ion Ratio Lower Upper
 96 100
 61 119.0 0.0 312.2
 98 64.6 0.0 129.0





#30

Chloroform

Concen: 2.216 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX037021.D

Acq: 16 Aug 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

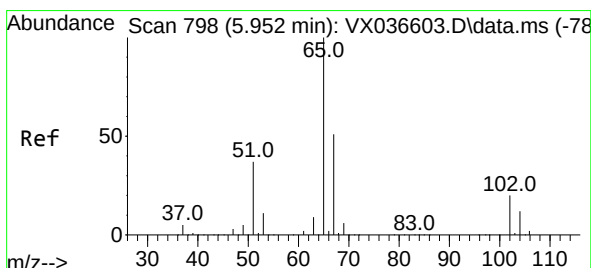
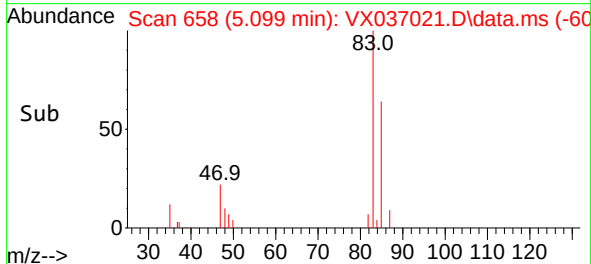
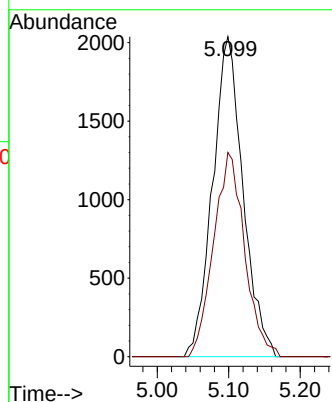
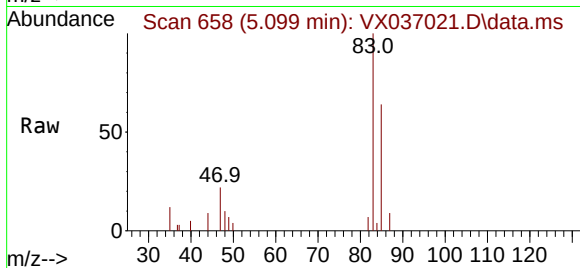
RE114D1-20230815

Tgt Ion: 83 Resp: 6014

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 48.101 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX037021.D

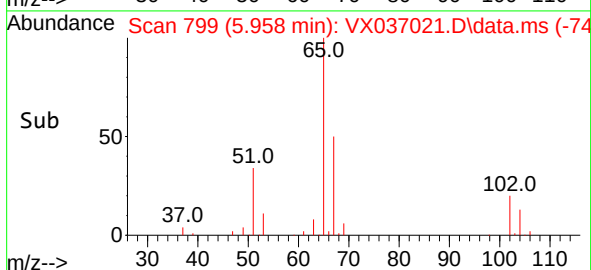
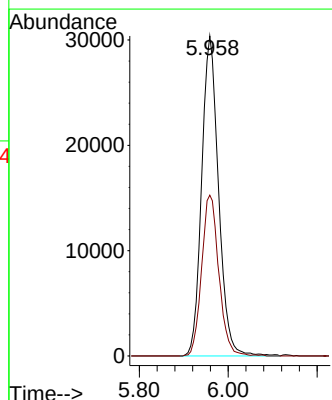
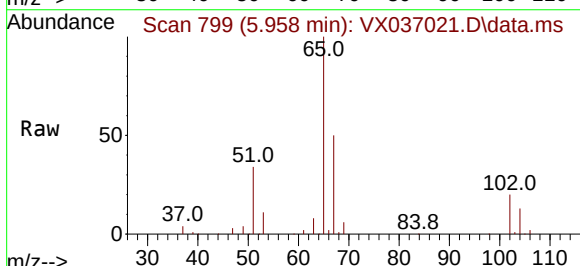
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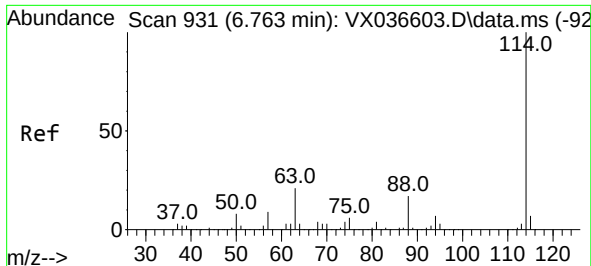
Tgt Ion: 65 Resp: 80430

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2

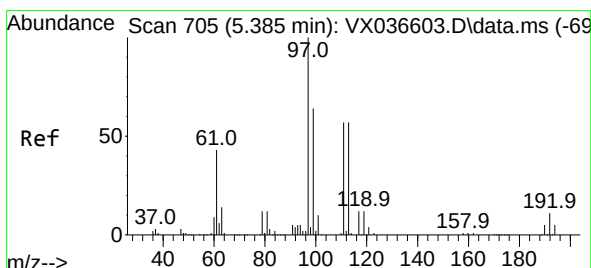
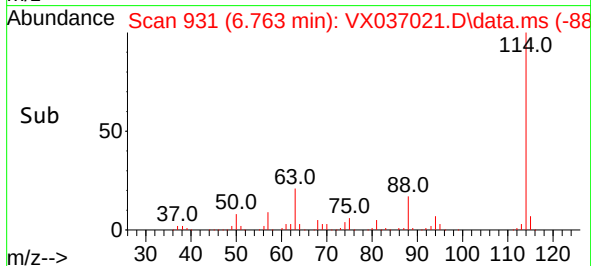
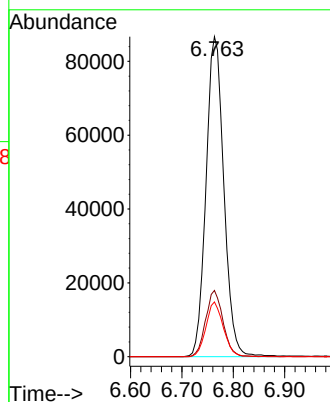
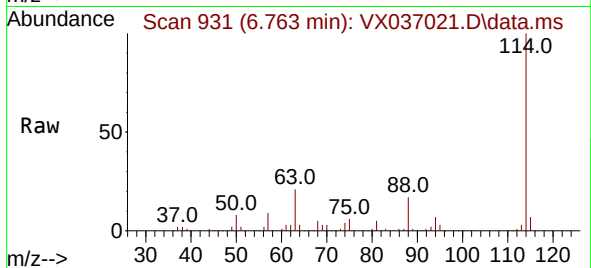




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

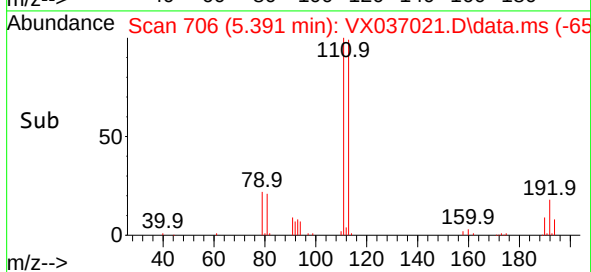
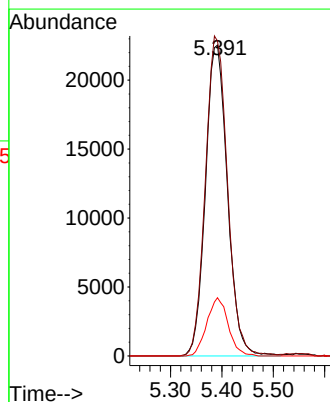
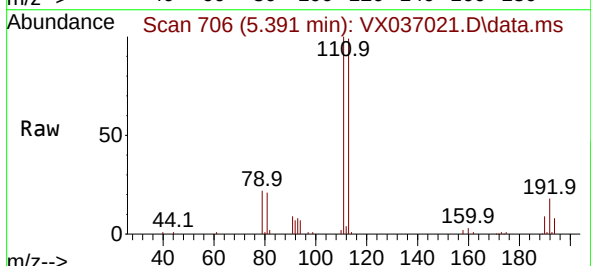
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ClientSampleId :
RE114D1-20230815

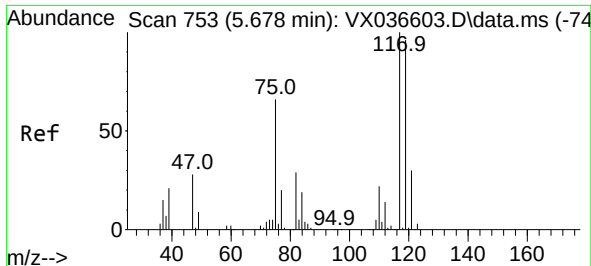
Tgt Ion:114 Resp: 208607
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.709 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

Tgt Ion:113 Resp: 66973
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.3 13.3 19.9

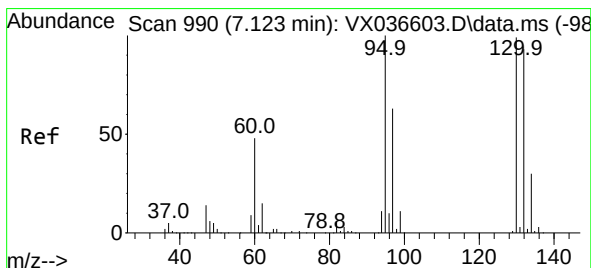
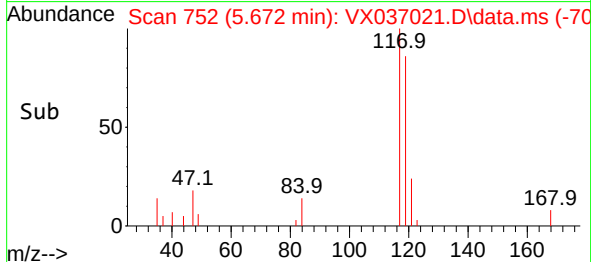
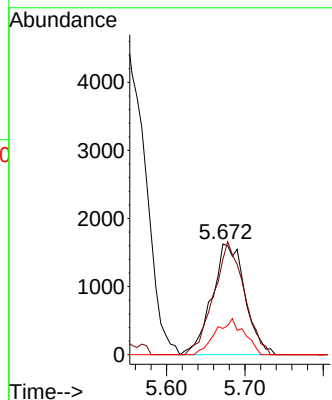
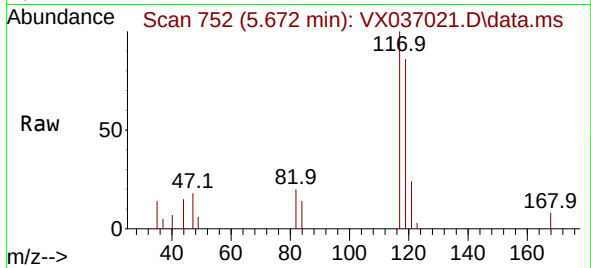




#38
Carbon Tetrachloride
Concen: 2.094 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

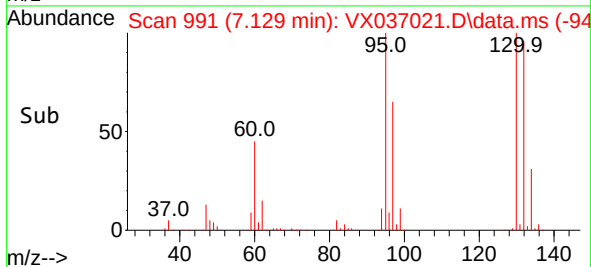
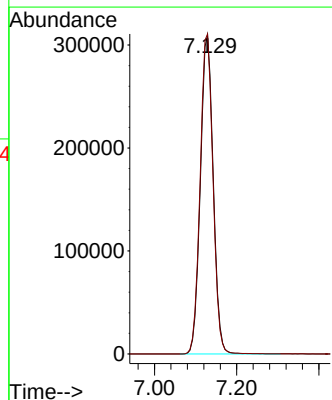
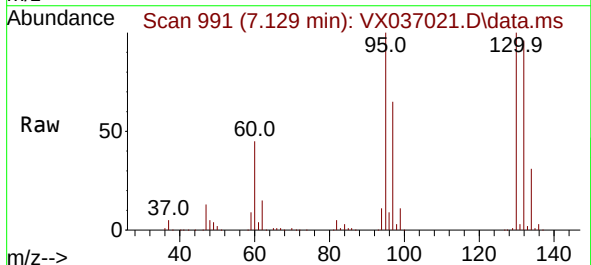
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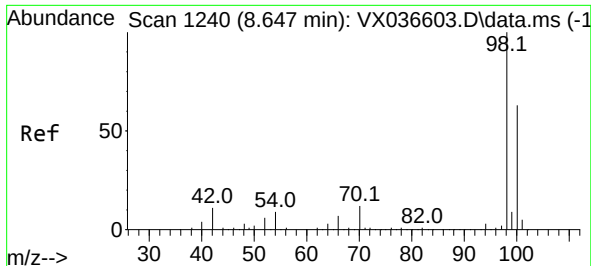
Tgt Ion:117 Resp: 4758
Ion Ratio Lower Upper
117 100
119 86.2 78.2 117.2
121 23.7 24.4 36.6#



#44
Trichloroethene
Concen: 412.266 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

Tgt Ion:130 Resp: 670052
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4

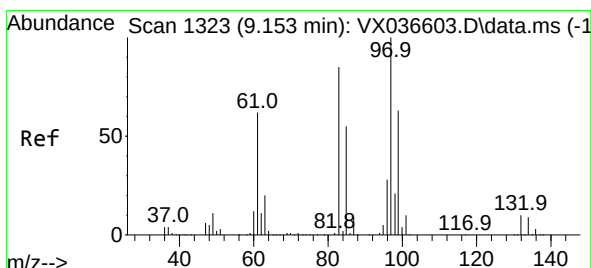
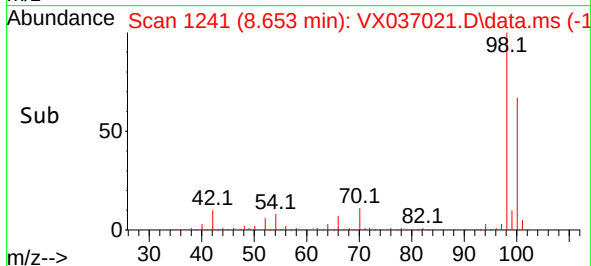
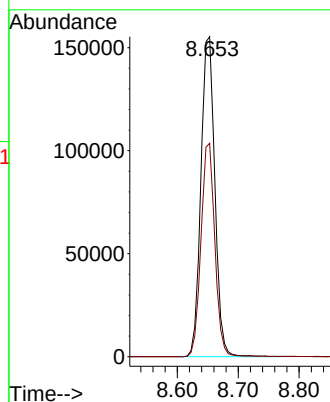
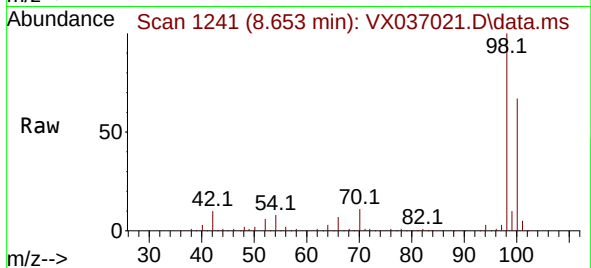




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

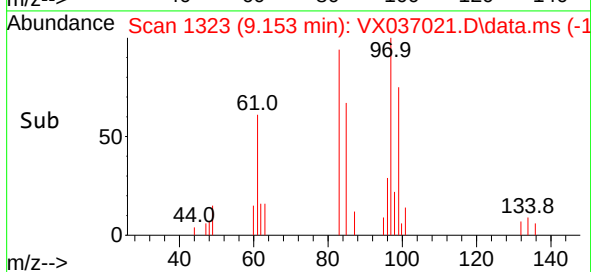
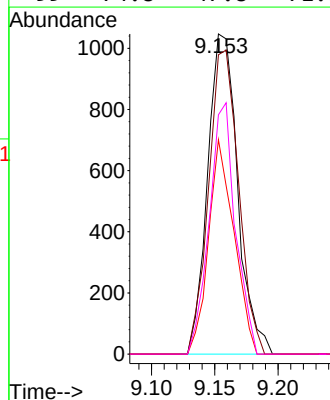
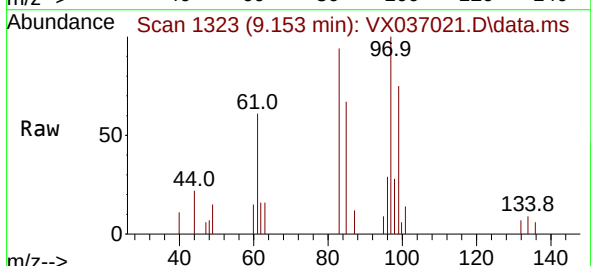
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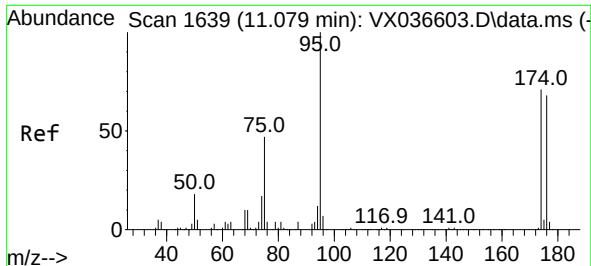
Tgt Ion: 98 Resp: 247116
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 1.055 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

Tgt Ion: 97 Resp: 1728
Ion Ratio Lower Upper
97 100
83 93.5 65.8 98.8
85 67.0 41.6 62.4#
99 74.8 47.8 71.8#

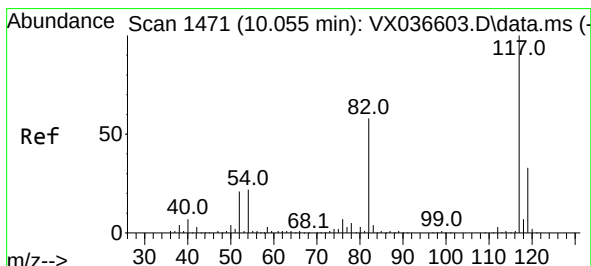
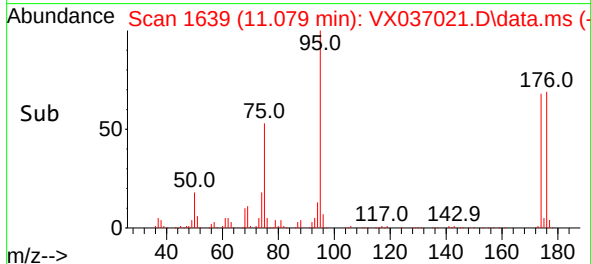
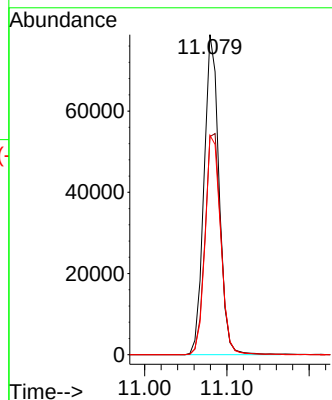
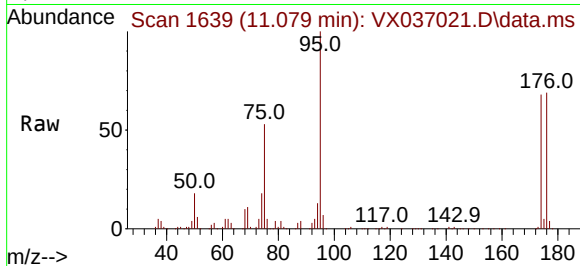




#62
4-Bromofluorobenzene
Concen: 52.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

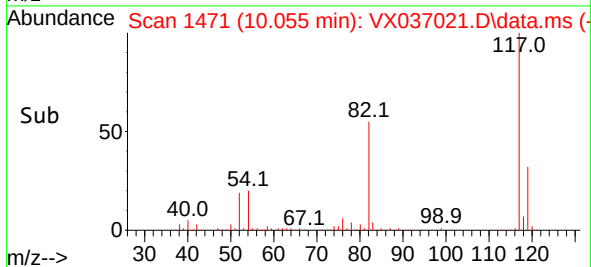
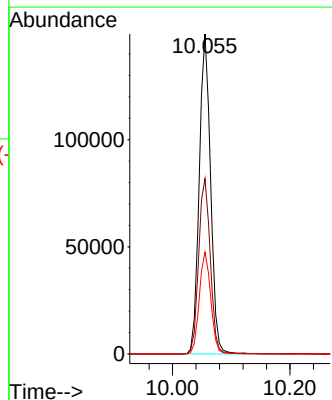
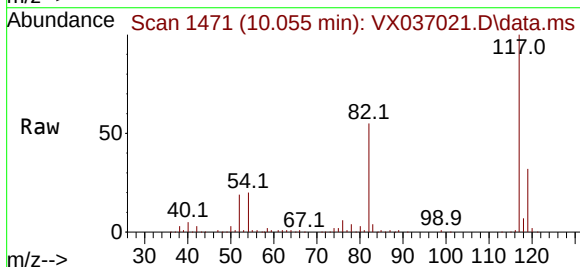
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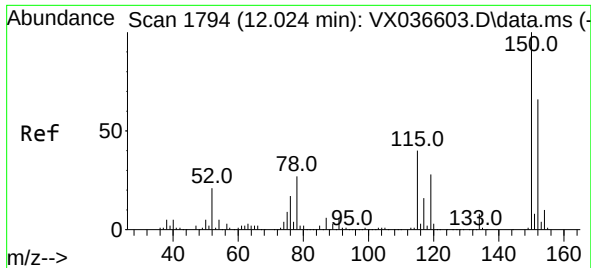
Tgt Ion: 95 Resp: 100122
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037021.D
Acq: 16 Aug 2023 16:36

Tgt Ion: 117 Resp: 200581
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.8 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: VX037021.D

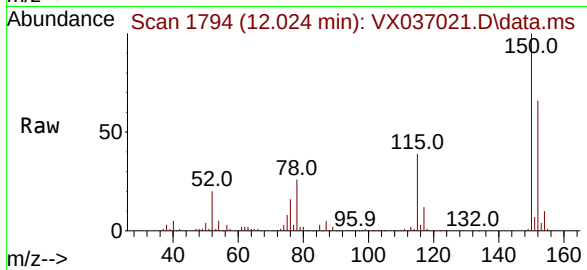
Acq: 16 Aug 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20230815



Tgt Ion:152 Resp: 91538

Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 155.7 0.0 345.0

