

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040303.D
 Acq On : 17 Feb 2024 15:32
 Operator : JC/MD
 Sample : P1507-28DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240212DL

Quant Time: Feb 19 03:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

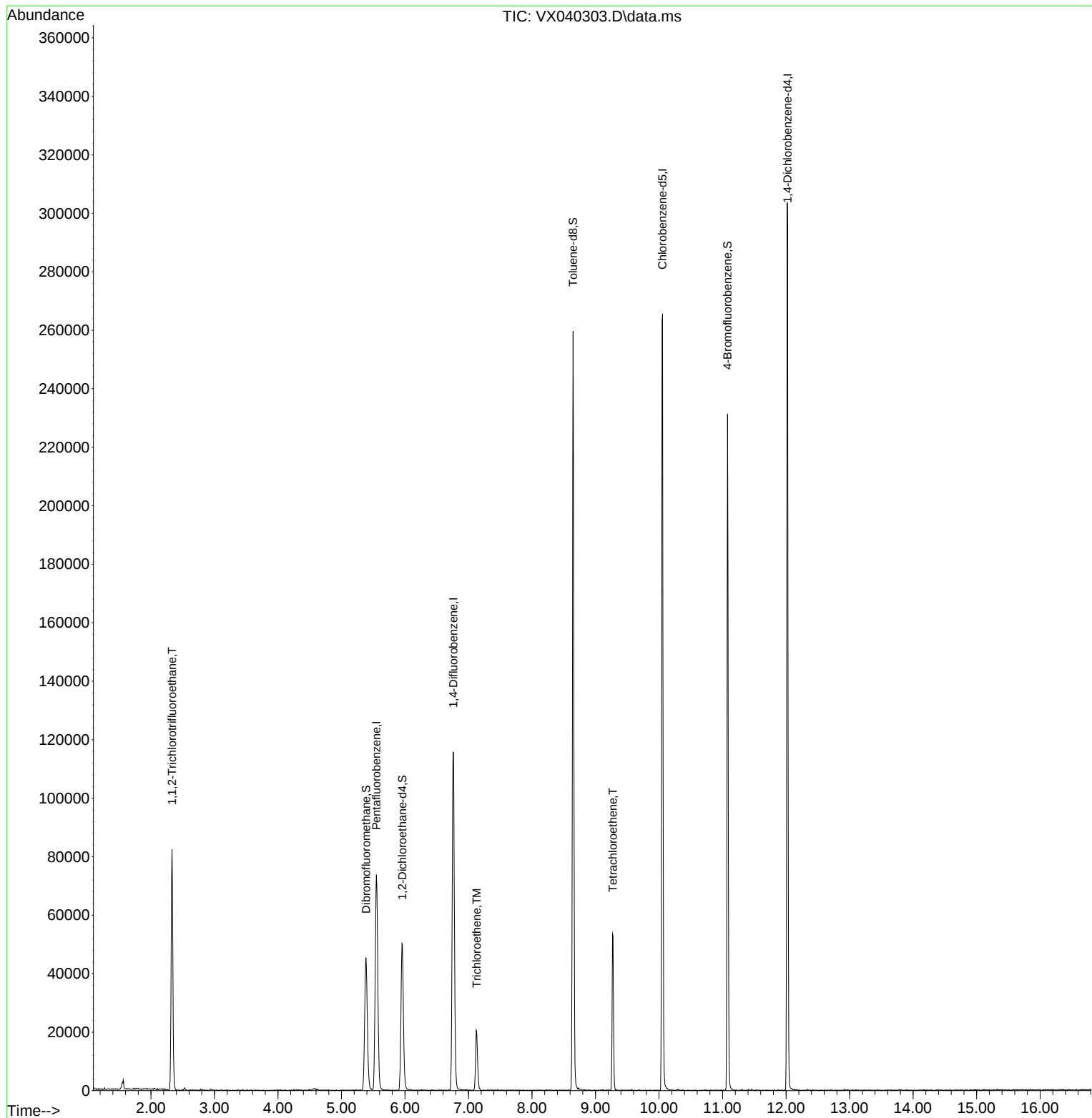
Internal Standards						
1) Pentafluorobenzene	5.550	168	70478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48590	46.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	39501	46.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.647	98	148905	46.921	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.079	95	58590	45.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.540%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	31519	42.175	ug/l	96
44) Trichloroethene	7.129	130	7911	8.630	ug/l	85
64) Tetrachloroethene	9.275	164	10408	12.297	ug/l	91

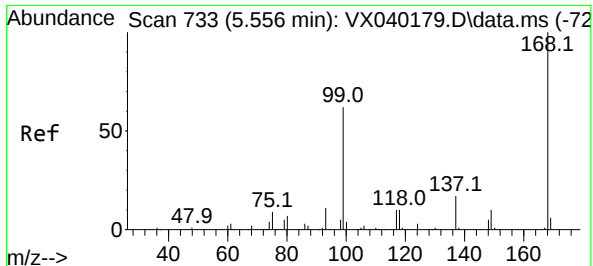
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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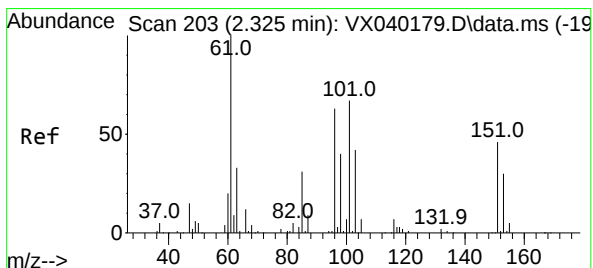
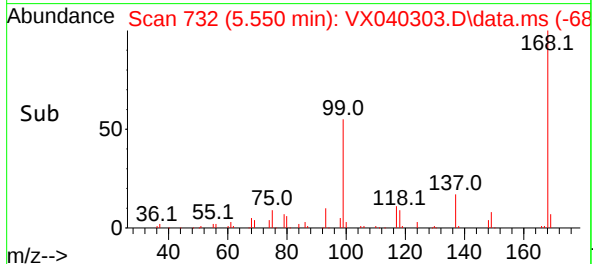
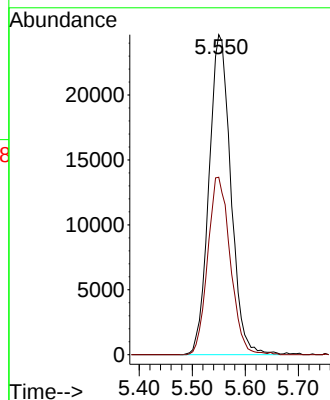
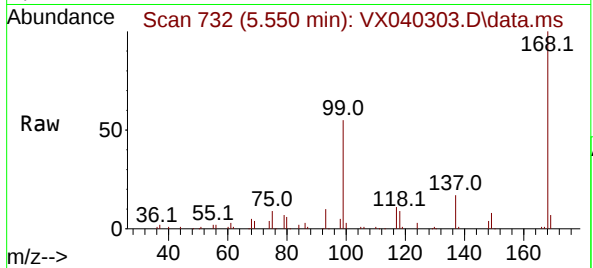




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

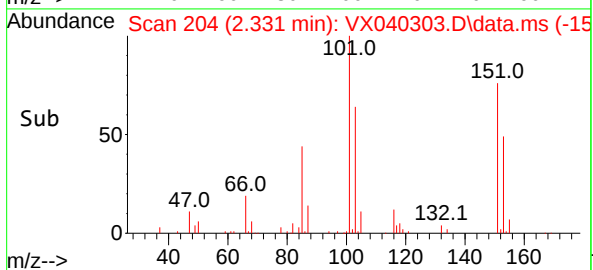
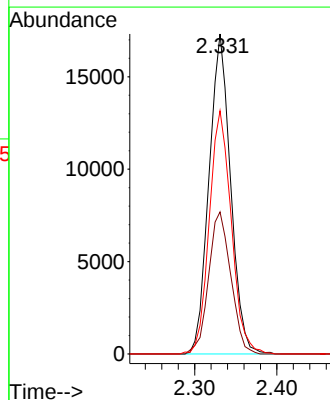
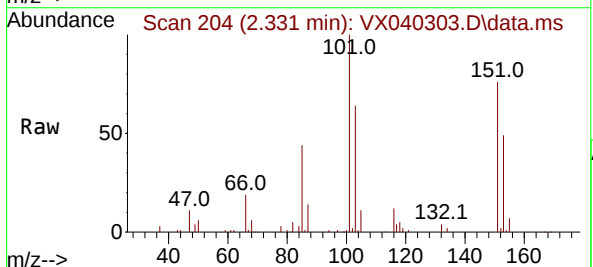
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240212DL

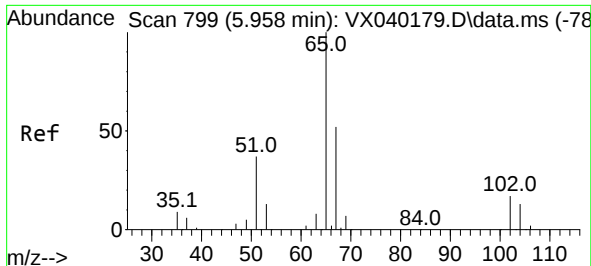
Tgt Ion:168 Resp: 70478
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.175 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion:101 Resp: 31519
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 77.8 58.6 87.8

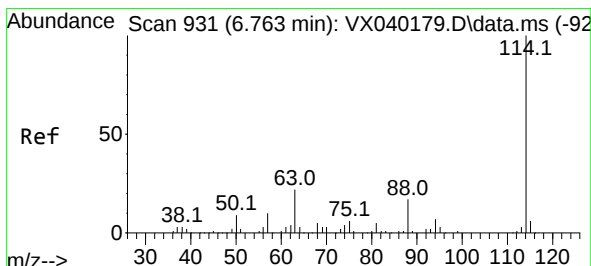
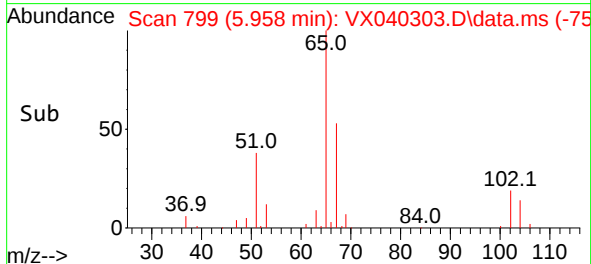
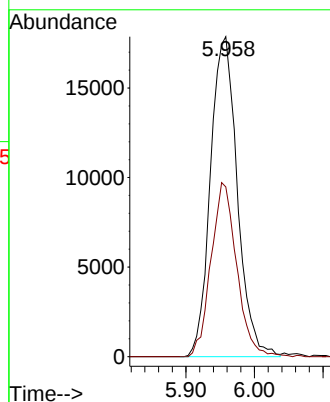
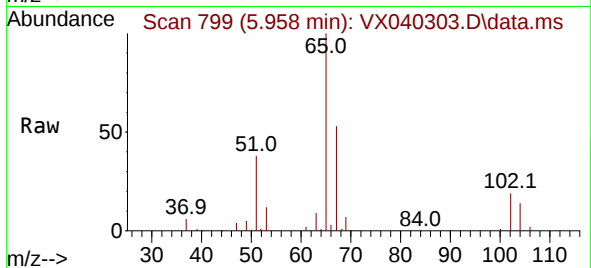




#33
1,2-Dichloroethane-d4
Concen: 46.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

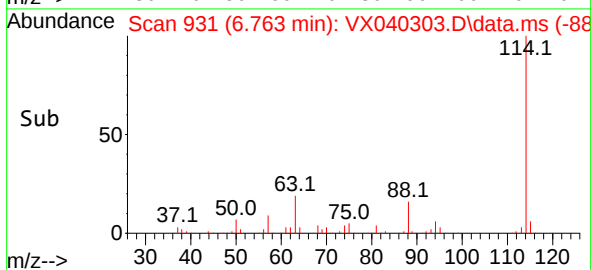
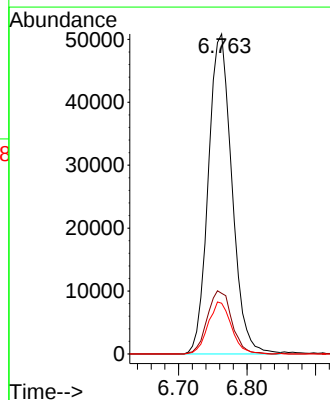
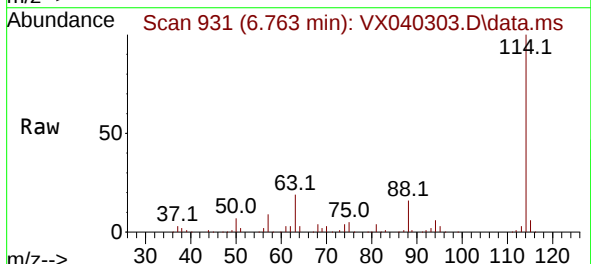
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240212DL

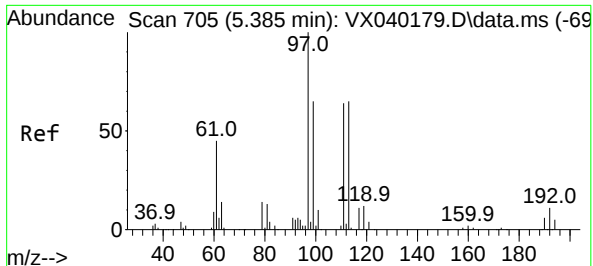
Tgt Ion: 65 Resp: 48590
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion: 114 Resp: 121484
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.561 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040303.D

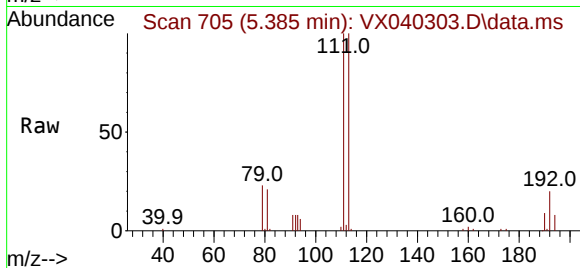
Acq: 17 Feb 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240212DL



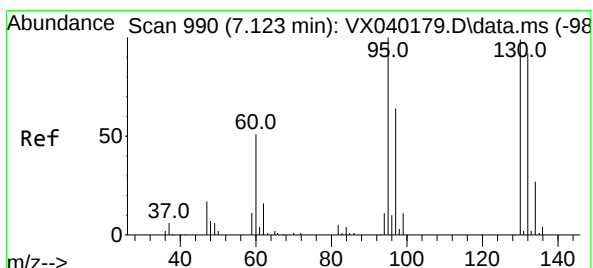
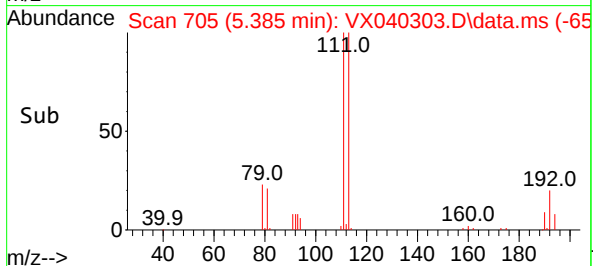
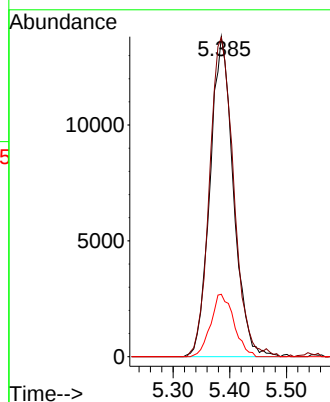
Tgt Ion:113 Resp: 39501

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 19.4 13.3 19.9



#44

Trichloroethene

Concen: 8.630 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040303.D

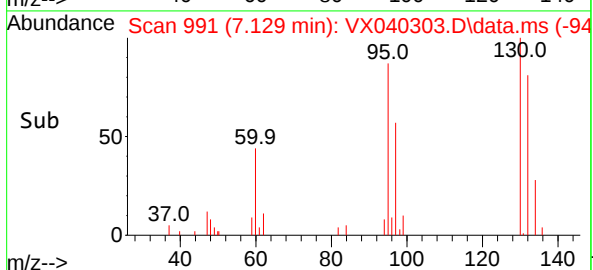
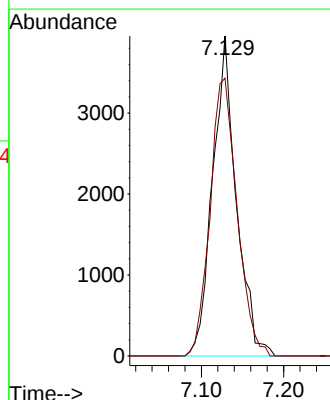
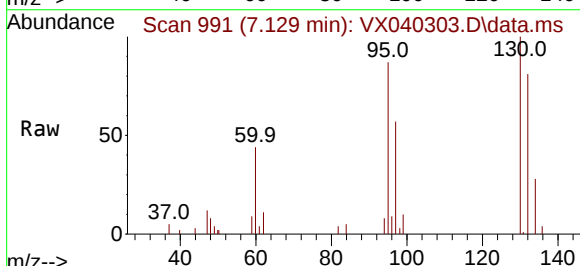
Acq: 17 Feb 2024 15:32

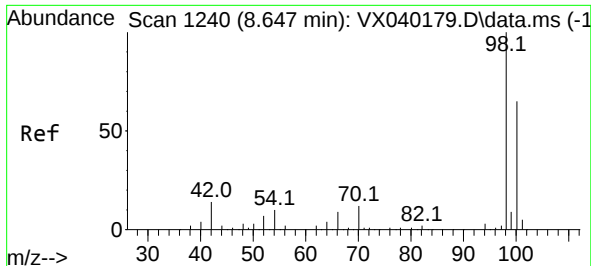
Tgt Ion:130 Resp: 7911

Ion Ratio Lower Upper

130 100

95 86.8 0.0 204.4

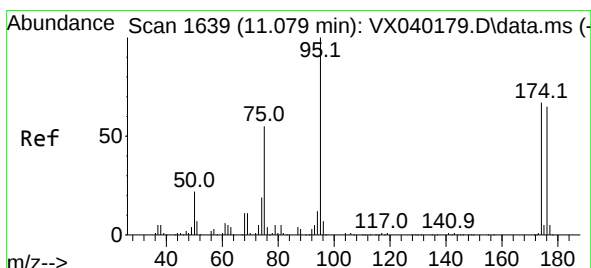
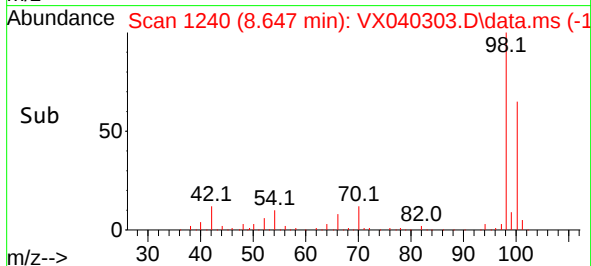
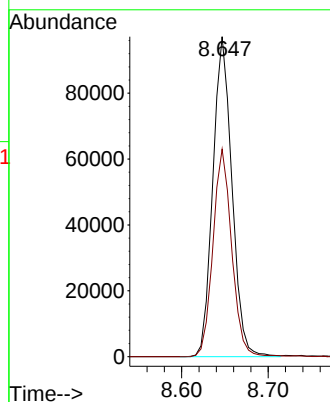
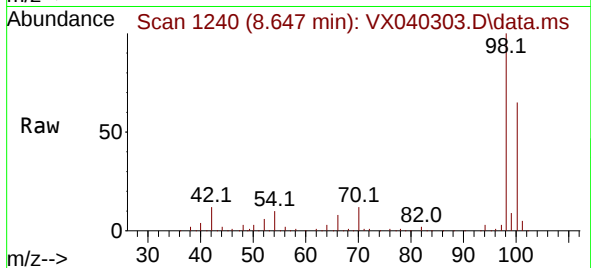




#50
Toluene-d8
Concen: 46.921 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

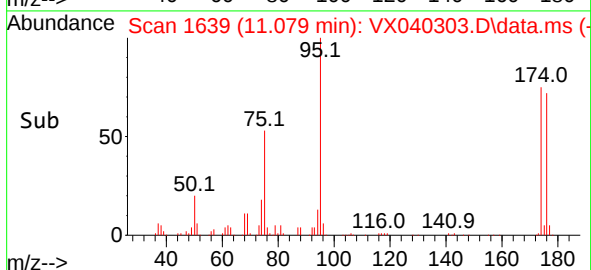
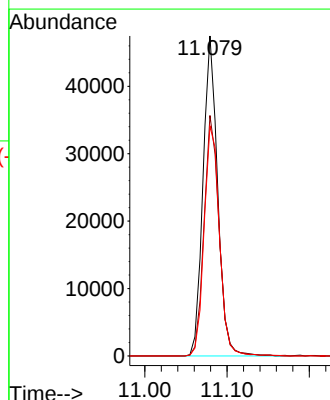
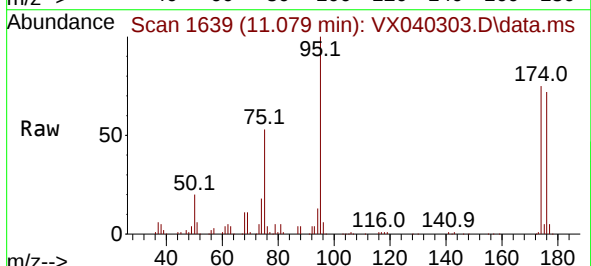
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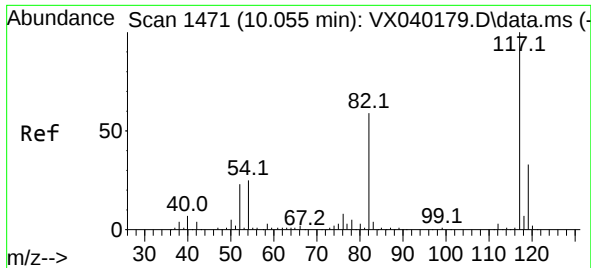
Tgt Ion: 98 Resp: 148905
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion: 95 Resp: 58590
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 75.5 0.0 131.0

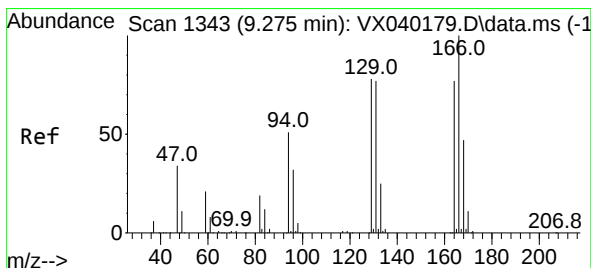
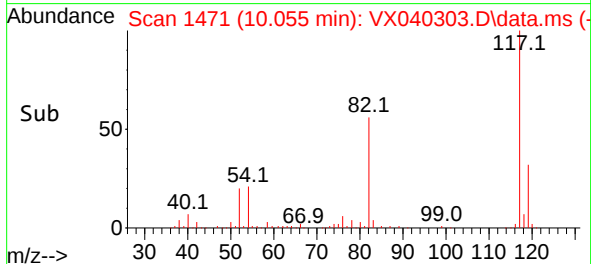
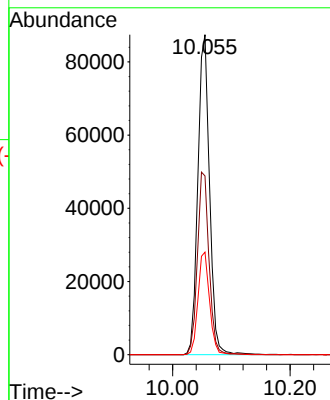
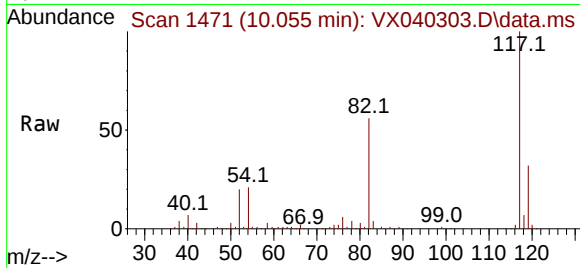




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

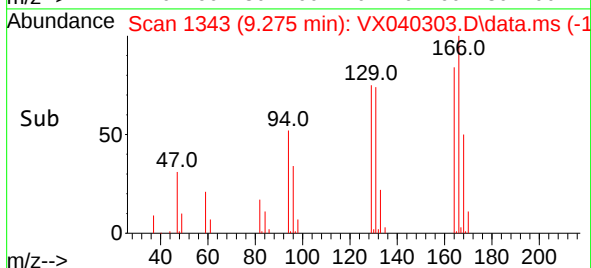
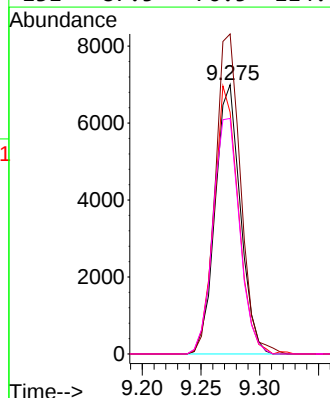
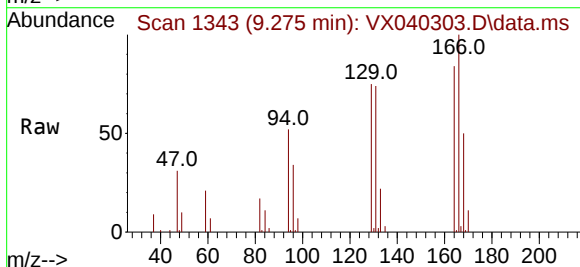
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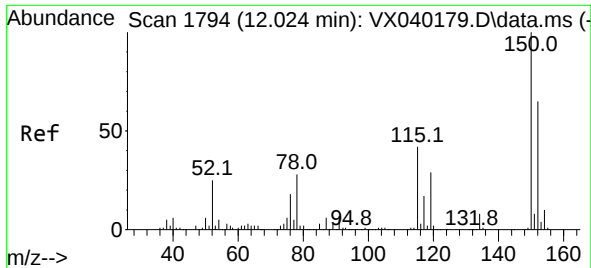
Tgt Ion:117 Resp: 120775
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 12.297 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040303.D
Acq: 17 Feb 2024 15:32

Tgt Ion:164 Resp: 10408
Ion Ratio Lower Upper
164 100
166 118.8 102.7 154.1
129 89.7 80.4 120.6
131 87.5 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040303.D

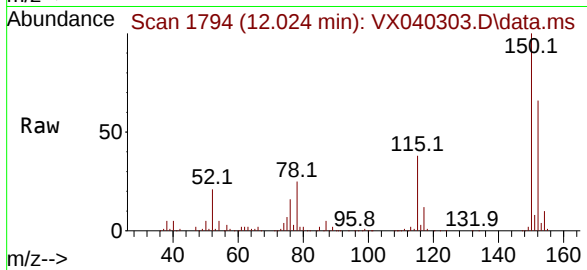
Acq: 17 Feb 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240212DL



Tgt Ion:152 Resp: 62945

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 155.9 0.0 345.0

