

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX050624\
 Data File : VX041371.D
 Acq On : 06 May 2024 12:02
 Operator : JC/MD
 Sample : P2394-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-72-050324

Quant Time: May 07 01:57:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

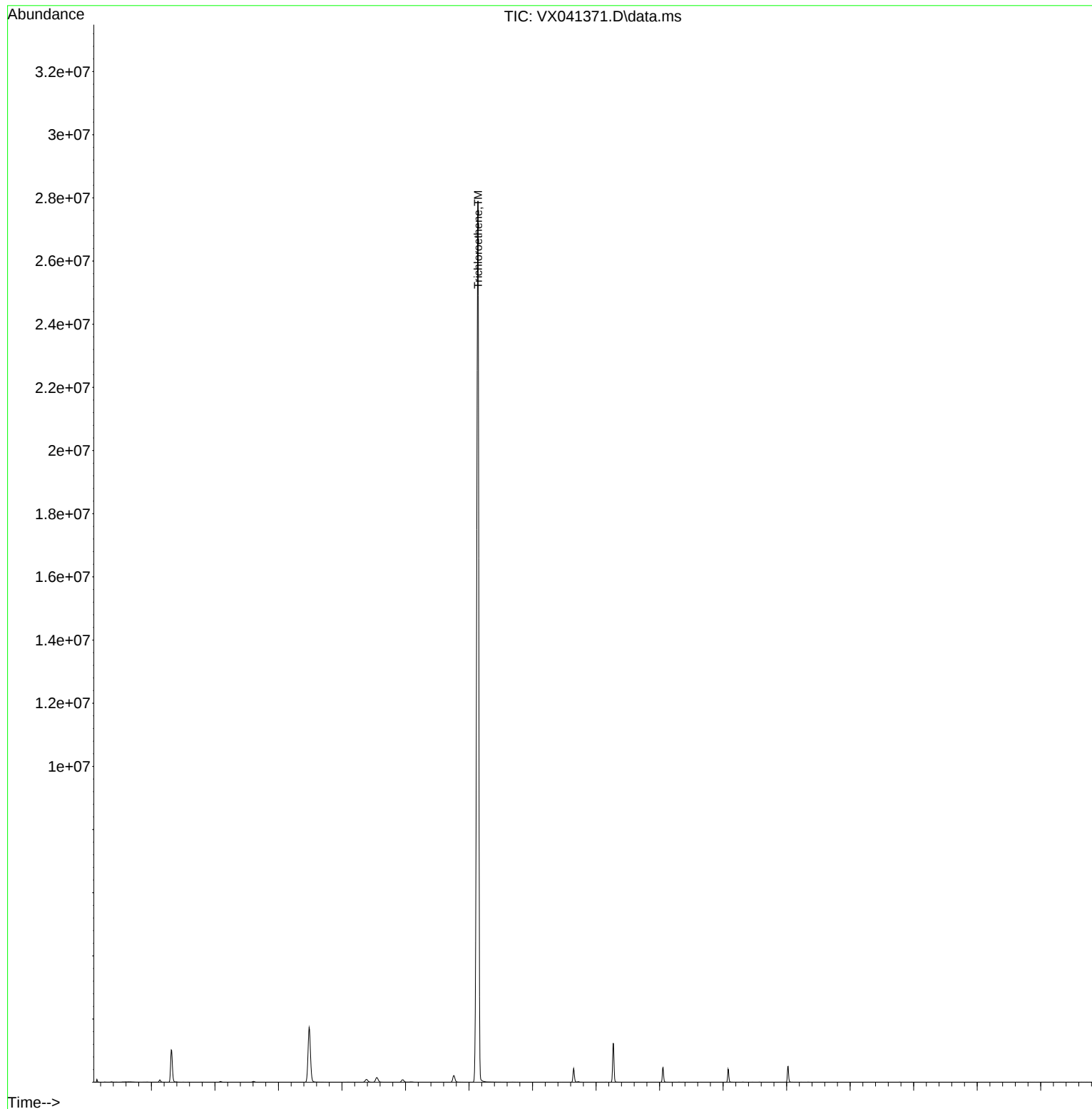
Internal Standards						
1) Pentafluorobenzene	5.550	168	160254	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	233256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80907	46.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	69831	44.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.360%
50) Toluene-d8	8.647	98	254011	50.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	99702	51.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.142	85	5705	4.332	ug/l	98
4) Vinyl Chloride	1.374	62	4234	3.260	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	285262	226.597	ug/l	# 87
12) 1,1-Dichloroethene	2.306	96	122142	98.356	ug/l	90
16) Acetone	2.392	43	10302	9.649	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	9518	6.858	ug/l	90
24) 1,1-Dichloroethane	3.605	63	29053	11.630	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	1104235	672.005	ug/l	81
32) 1,1,1-Trichloroethane	5.385	97	8005	3.386	ug/l	98
42) 1,2-Dichloroethane	6.086	62	12298	5.759	ug/l	94
44) Trichloroethene	7.141	130	11838659	7694.282	ug/l	89
52) Toluene	8.720	92	7033	1.973	ug/l	98
64) Tetrachloroethene	9.275	164	260204	160.872	ug/l	90
88) 1,4-Dichlorobenzene	12.042	146	5331	1.404	ug/l	83

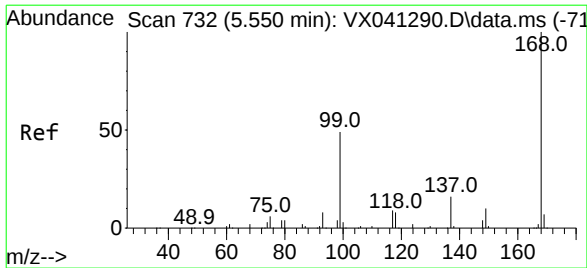
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
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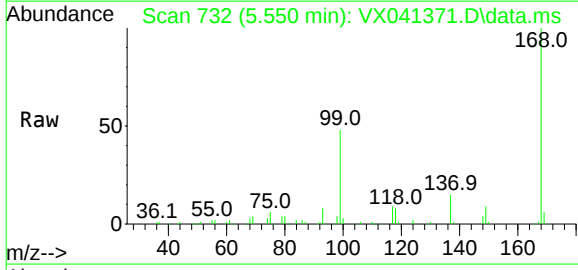
Quant Time: May 07 01:57:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
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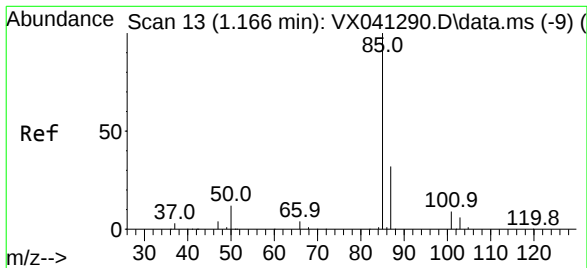
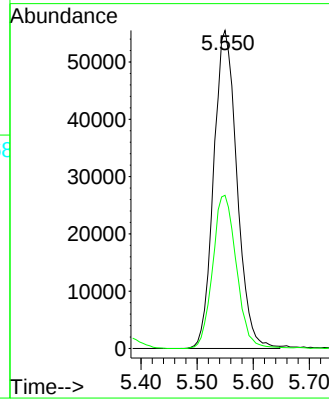
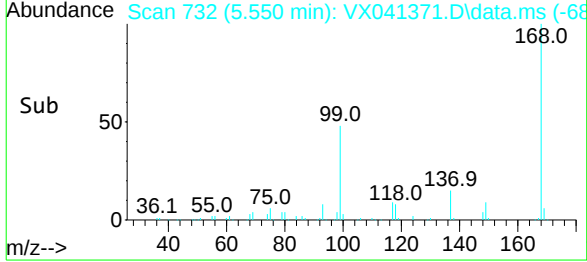


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-72-050324

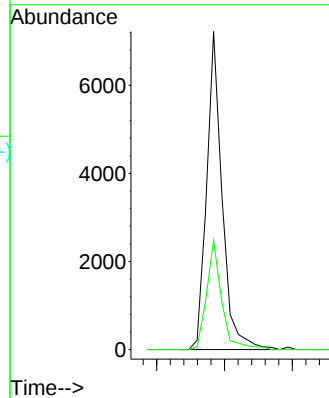
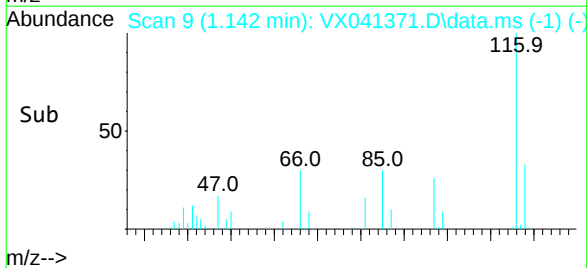
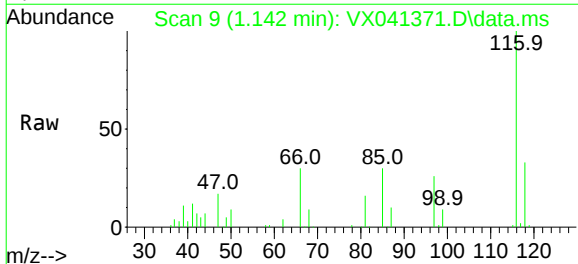


Tgt Ion:168 Resp: 160254
Ion Ratio Lower Upper
168 100
99 48.2 56.6 85.0#

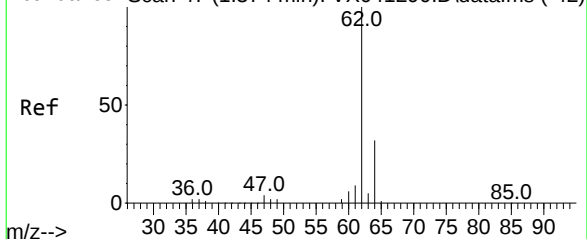


#2
Dichlorodifluoromethane
Concen: 4.332 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

Tgt Ion: 85 Resp: 5705
Ion Ratio Lower Upper
85 100
87 34.3 16.7 50.1



Abundance Scan 47 (1.374 min): VX041290.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 3.260 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

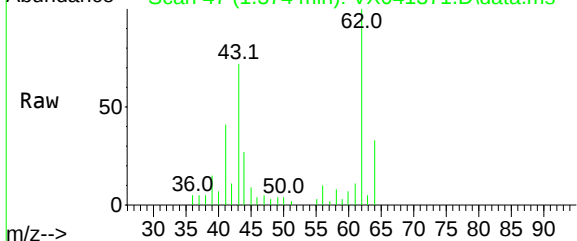
Instrument :

MSVOA_X

ClientSampleId :

MW-17B-72-050324

Abundance Scan 47 (1.374 min): VX041371.D\data.ms



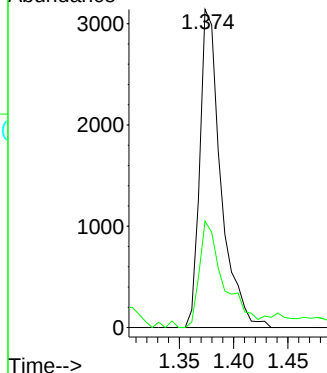
Tgt Ion: 62 Resp: 4234

Ion Ratio Lower Upper

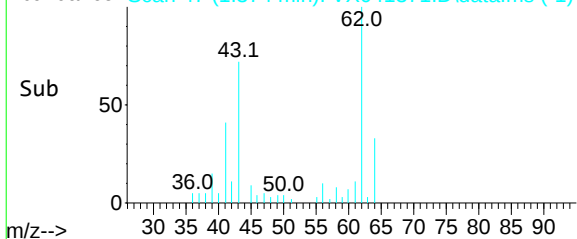
62 100

64 33.4 25.4 38.0

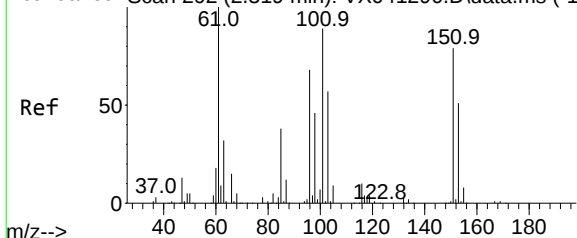
Abundance



Abundance Scan 47 (1.374 min): VX041371.D\data.ms (-1)



Abundance Scan 202 (2.319 min): VX041290.D\data.ms (-15)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 226.597 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Tgt Ion: 101 Resp: 285262

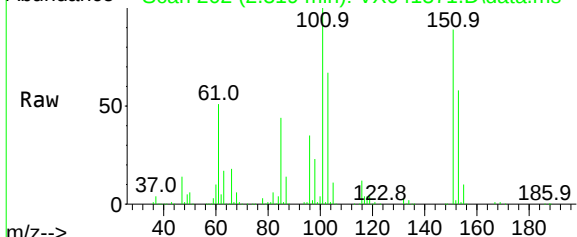
Ion Ratio Lower Upper

101 100

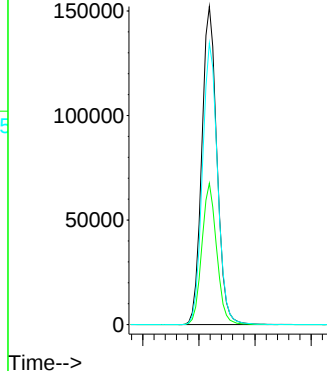
85 43.4 37.0 55.6

151 88.6 58.6 87.8#

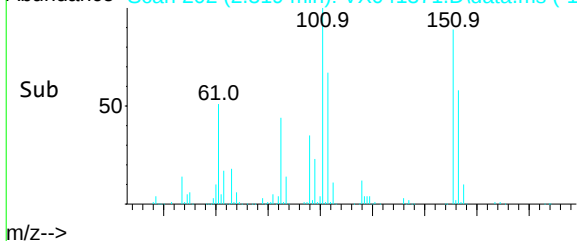
Abundance Scan 202 (2.319 min): VX041371.D\data.ms

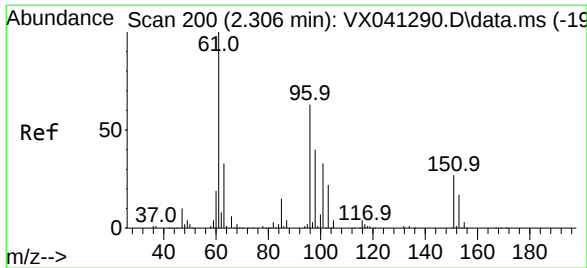


Abundance



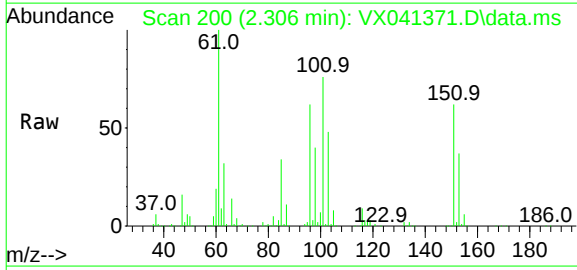
Abundance Scan 202 (2.319 min): VX041371.D\data.ms (-15)



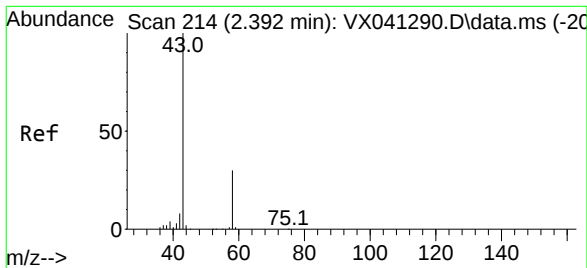
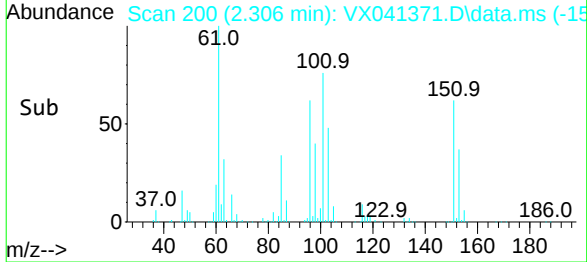
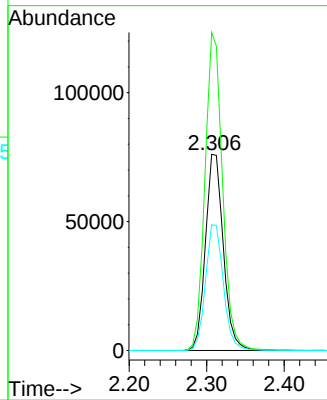


#12
1,1-Dichloroethene
Concen: 98.356 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-72-050324

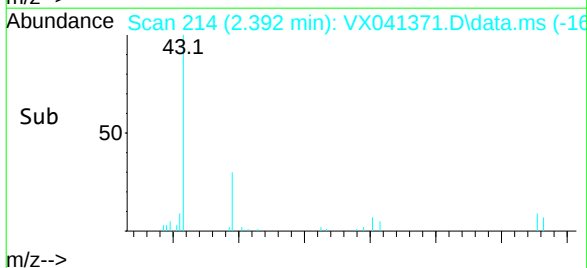
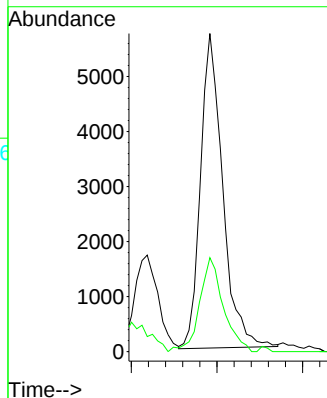
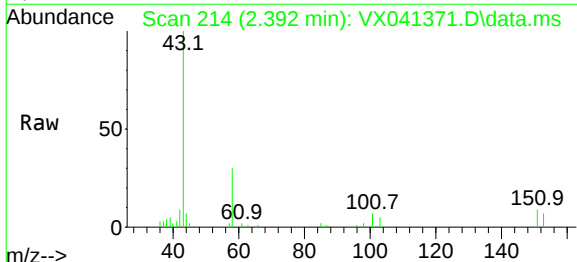


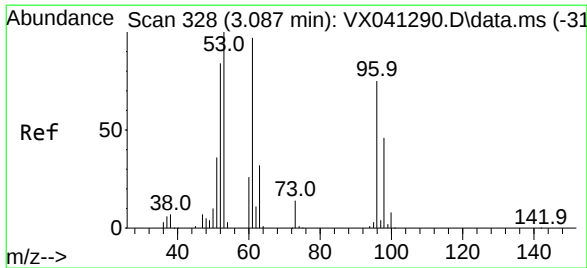
Tgt Ion: 96 Resp: 122142
Ion Ratio Lower Upper
96 100
61 162.2 144.6 216.8
98 64.1 50.4 75.6



#16
Acetone
Concen: 9.649 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

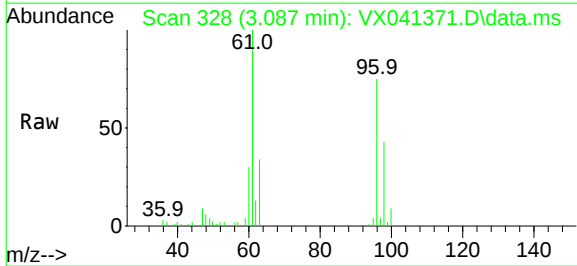
Tgt Ion: 43 Resp: 10302
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



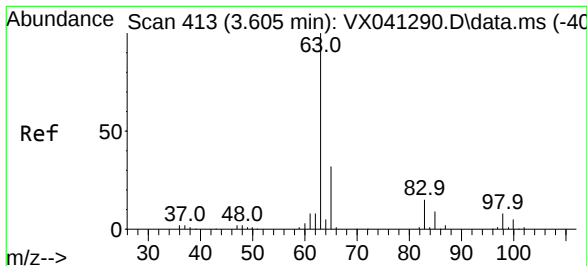
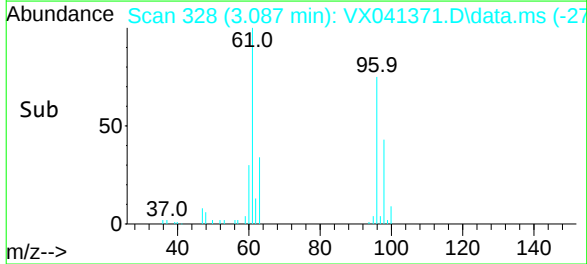
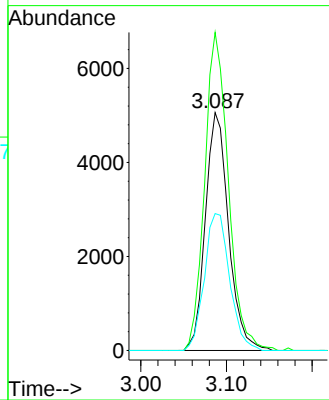


#21
trans-1,2-Dichloroethene
Concen: 6.858 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-72-050324

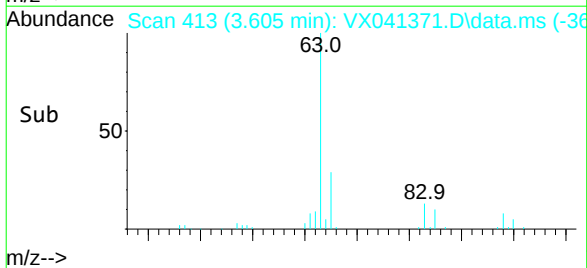
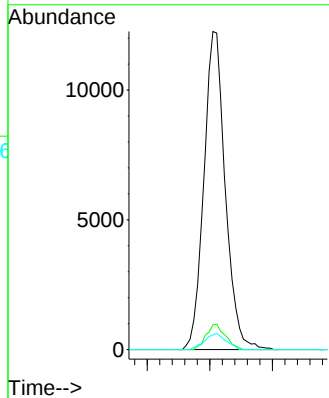
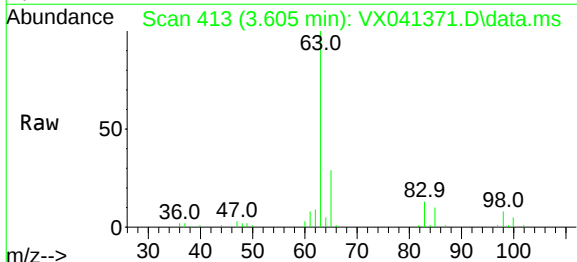


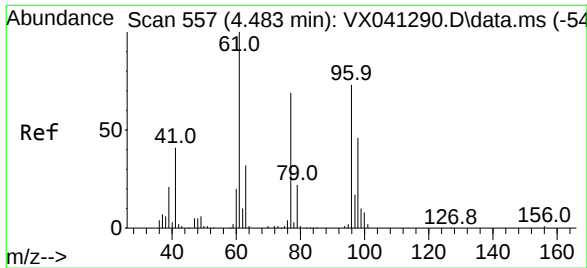
Tgt Ion:	96	Resp:	9518
Ion	Ratio	Lower	Upper
96	100		
61	133.7	119.2	178.8
98	57.5	48.7	73.1



#24
1,1-Dichloroethane
Concen: 11.630 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

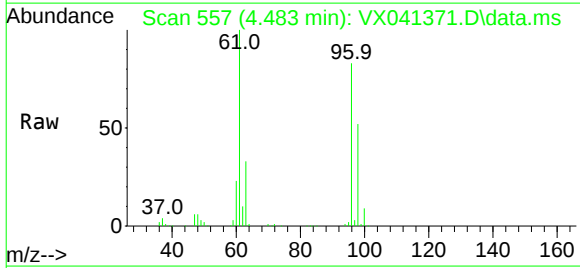
Tgt Ion:	63	Resp:	29053
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.3	9.8
100	4.6	2.1	6.5





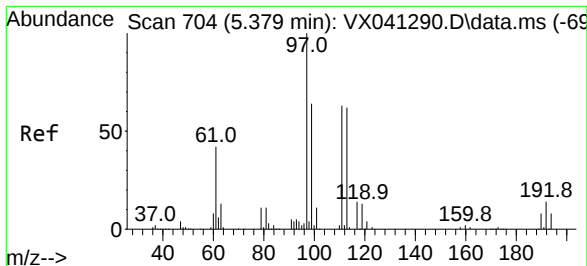
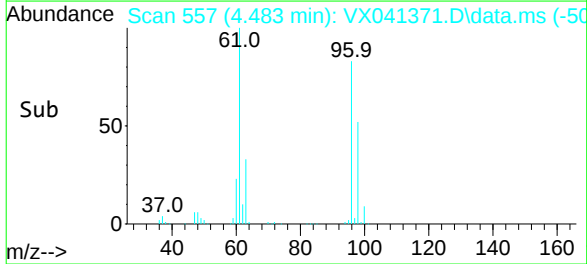
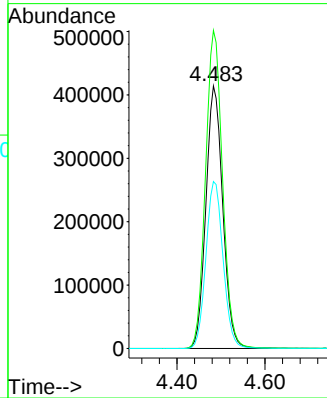
#27
 cis-1,2-Dichloroethene
 Concen: 672.005 ug/l
 RT: 4.483 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VX041371.D
 Acq: 06 May 2024 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-72-050324



Tgt Ion: 96 Resp: 1104235

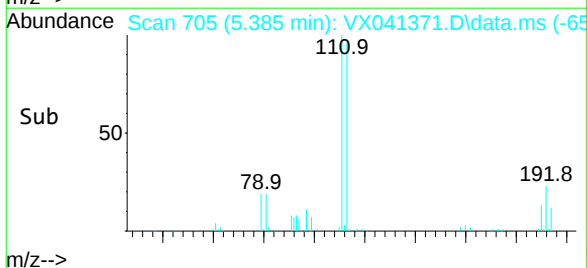
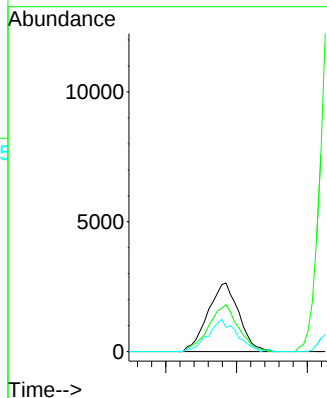
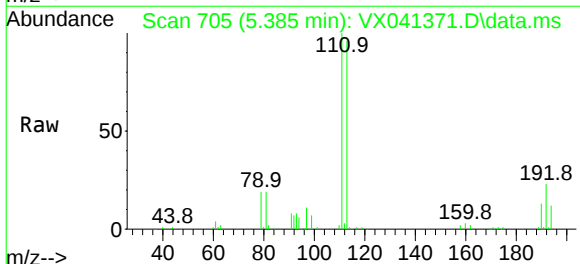
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	312.2
98	64.7	0.0	129.0

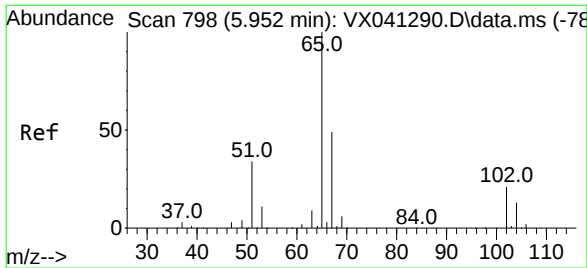


#32
 1,1,1-Trichloroethane
 Concen: 3.386 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX041371.D
 Acq: 06 May 2024 12:02

Tgt Ion: 97 Resp: 8005

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.1	76.7
61	43.2	36.4	54.6

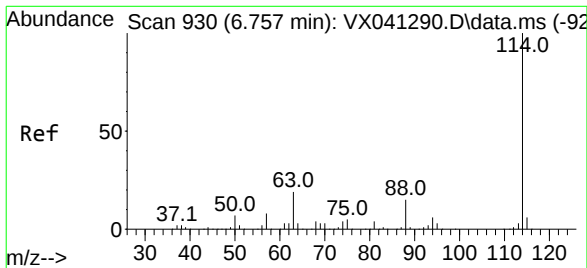
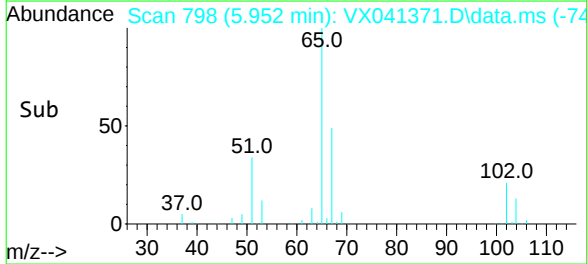
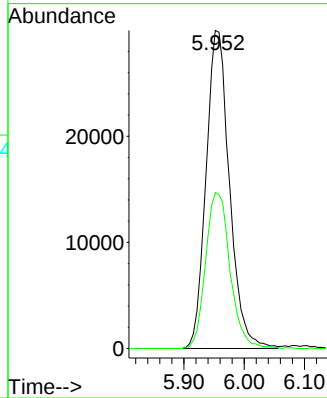
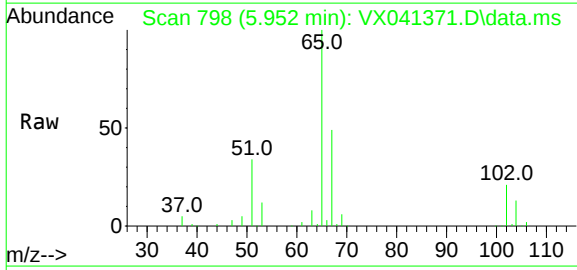




#33
1,2-Dichloroethane-d4
Concen: 46.376 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

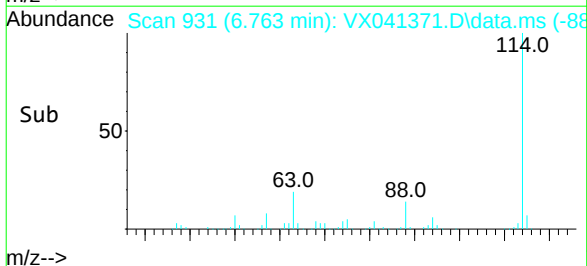
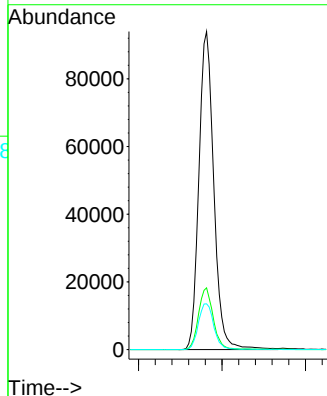
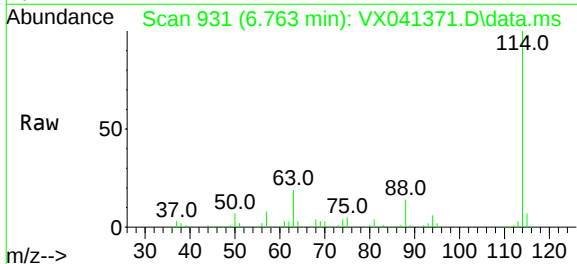
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MSVOA_X
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MW-17B-72-050324

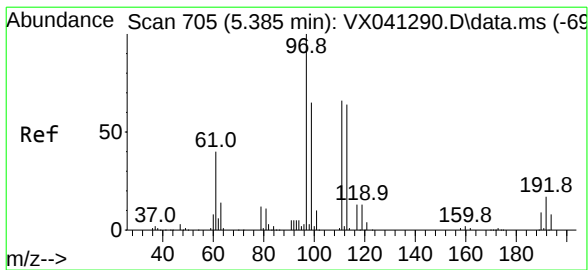
Tgt Ion: 65 Resp: 80907
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041371.D
Acq: 06 May 2024 12:02

Tgt Ion: 114 Resp: 233256
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 14.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.177 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-72-050324

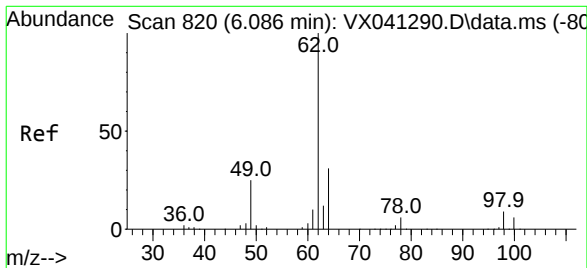
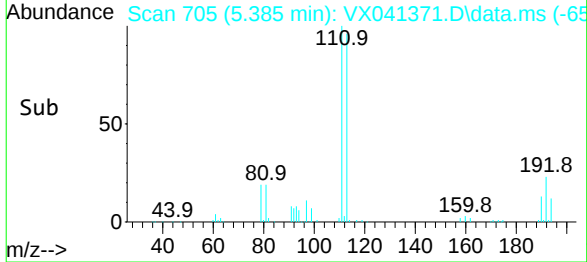
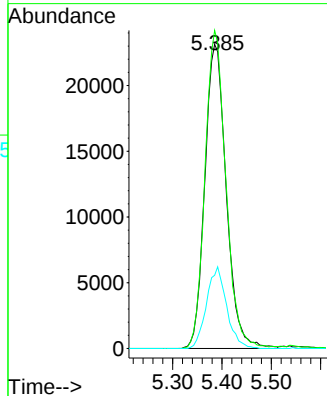
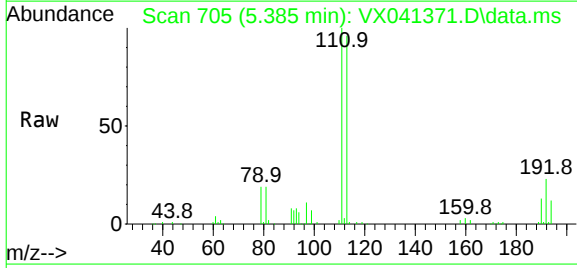
Tgt Ion:113 Resp: 69831

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 25.1 13.3 19.9#



#42

1,2-Dichloroethane

Concen: 5.759 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX041371.D

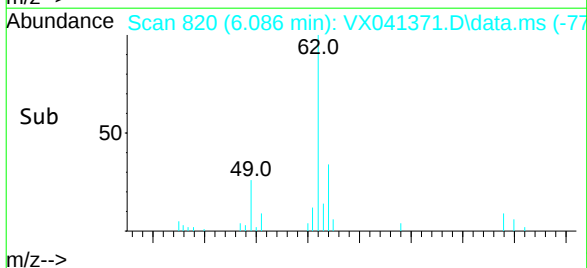
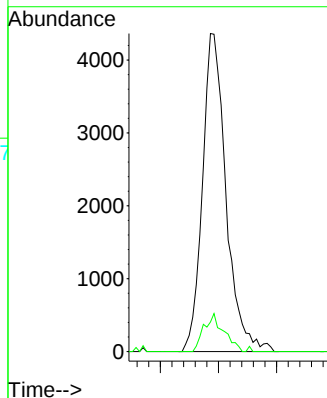
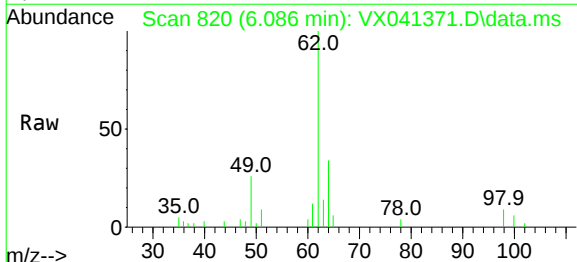
Acq: 06 May 2024 12:02

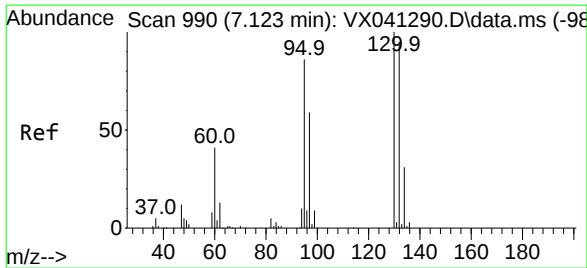
Tgt Ion: 62 Resp: 12298

Ion Ratio Lower Upper

62 100

98 10.0 0.0 16.0





#44

Trichloroethene

Concen: 7694.282 ug/l

RT: 7.141 min Scan# 99

Delta R.T. 0.018 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

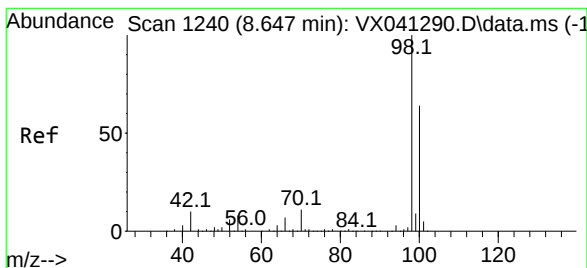
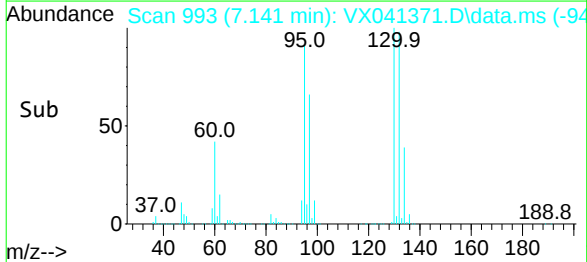
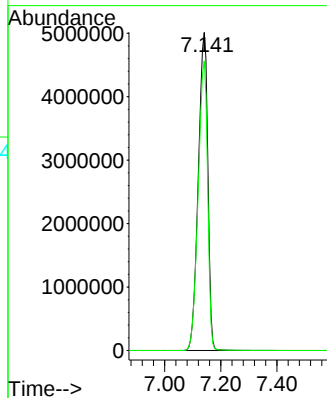
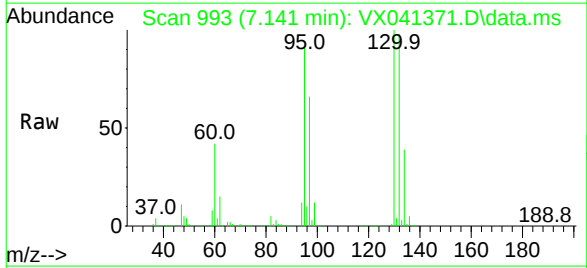
MW-17B-72-050324

Tgt Ion:130 Resp:11838659

Ion Ratio Lower Upper

130 100

95 91.1 0.0 204.4



#50

Toluene-d8

Concen: 50.771 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041371.D

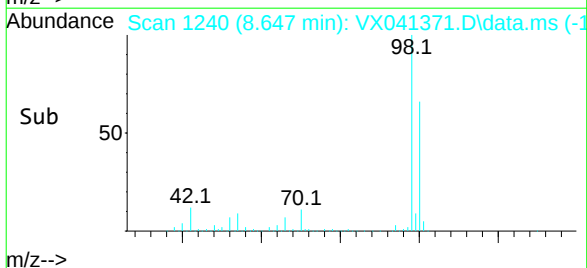
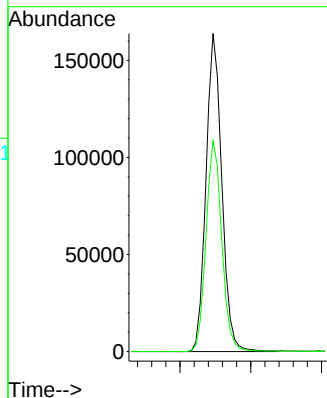
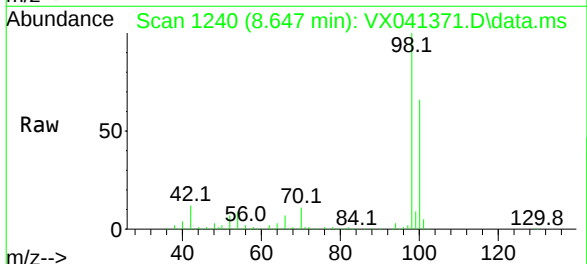
Acq: 06 May 2024 12:02

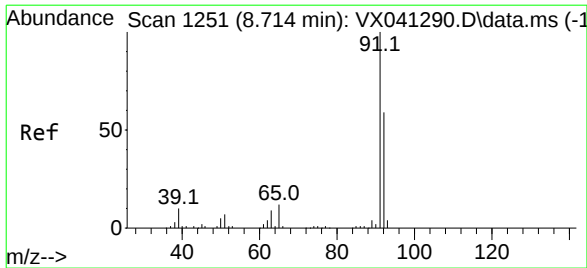
Tgt Ion: 98 Resp: 254011

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#52

Toluene

Concen: 1.973 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

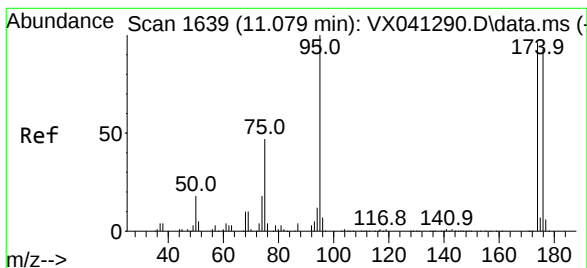
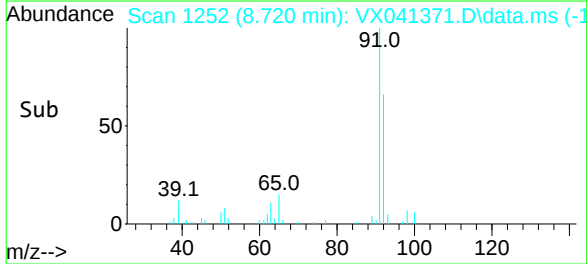
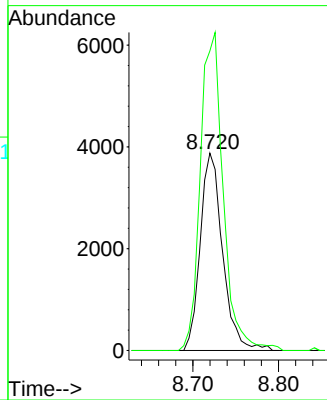
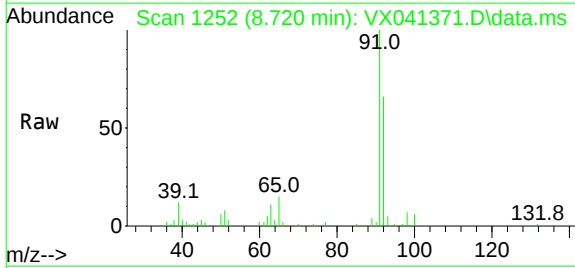
MW-17B-72-050324

Tgt Ion: 92 Resp: 7033

Ion Ratio Lower Upper

92 100

91 165.2 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 51.480 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

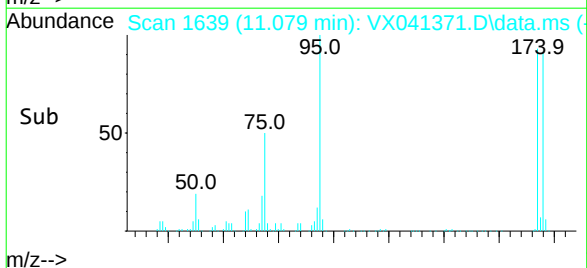
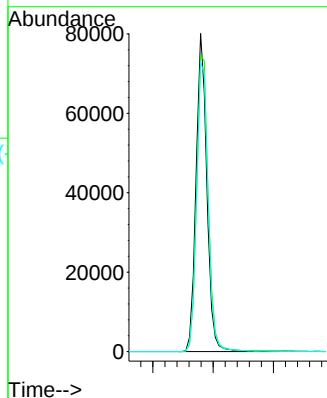
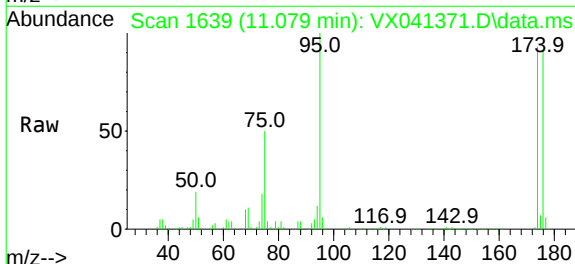
Tgt Ion: 95 Resp: 99702

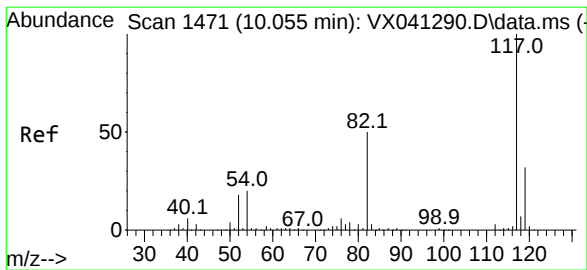
Ion Ratio Lower Upper

95 100

174 100.3 0.0 135.6

176 96.4 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: VX041371.D

Acq: 06 May 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-72-050324

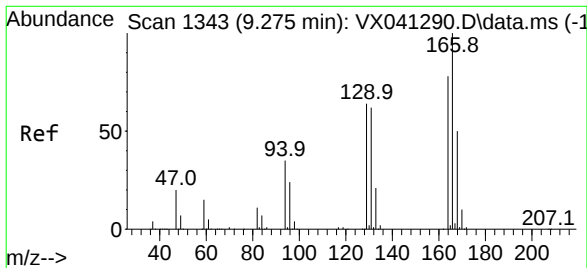
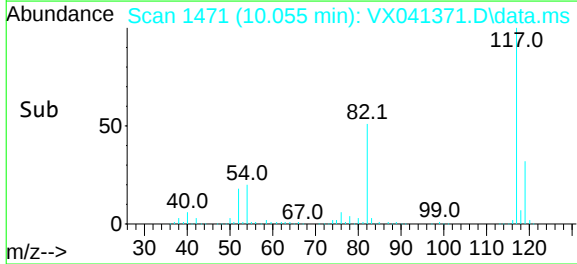
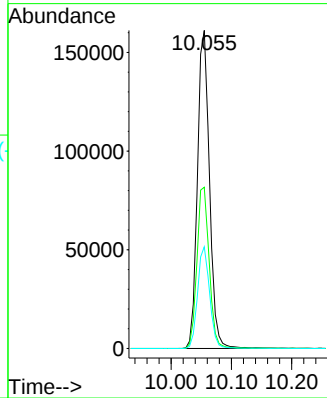
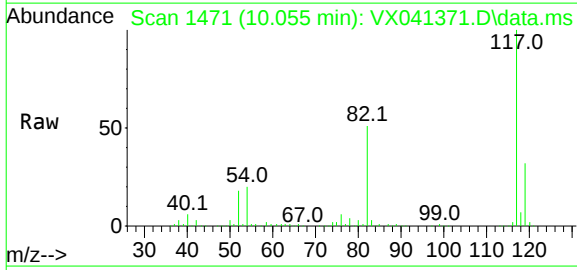
Tgt Ion:117 Resp: 223365

Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 160.872 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Tgt Ion:164 Resp: 260204

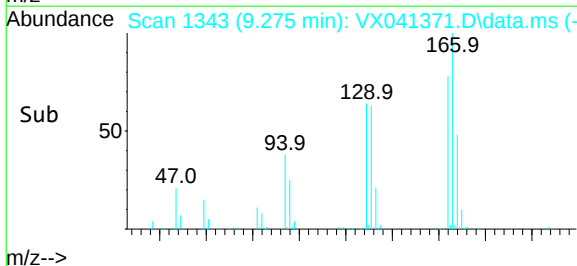
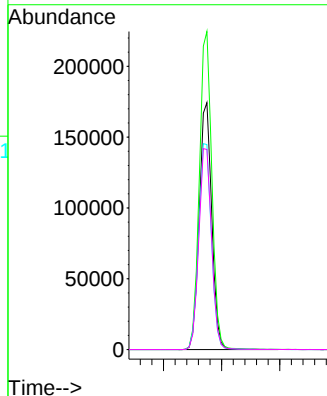
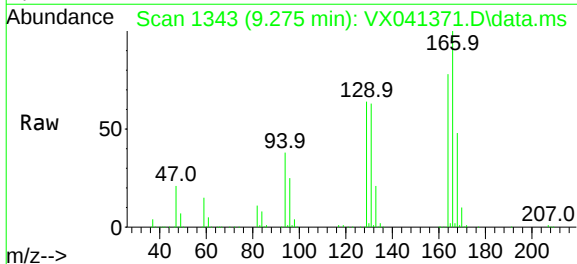
Ion Ratio Lower Upper

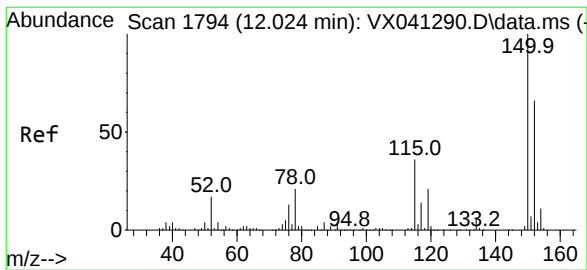
164 100

166 128.8 102.7 154.1

129 83.0 80.4 120.6

131 81.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-72-050324

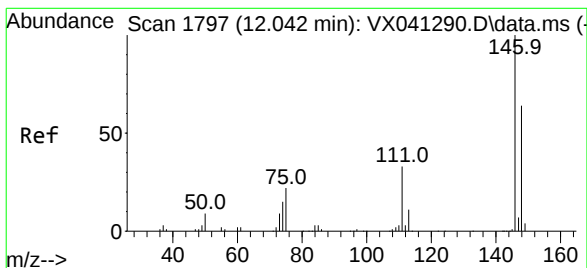
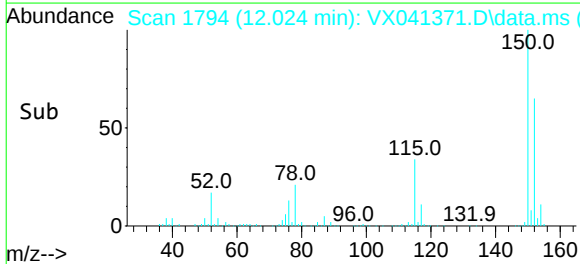
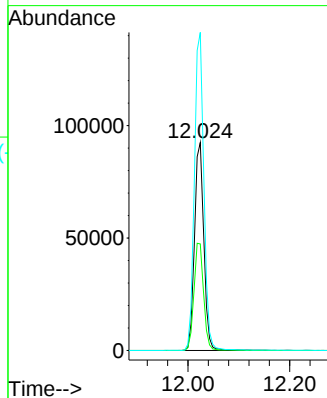
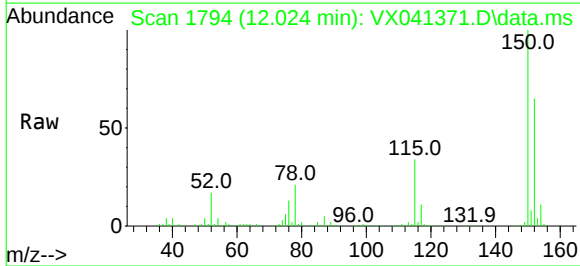
Tgt Ion:152 Resp: 117662

Ion Ratio Lower Upper

152 100

115 53.6 43.3 129.9

150 155.2 0.0 345.0



#88

1,4-Dichlorobenzene

Concen: 1.404 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041371.D

Acq: 06 May 2024 12:02

Tgt Ion:146 Resp: 5331

Ion Ratio Lower Upper

146 100

111 58.6 21.3 63.7

148 72.6 31.8 95.4

