

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042095.D
 Acq On : 28 Jun 2024 18:58
 Operator : JC/MD
 Sample : P3128-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-625-627

Quant Time: Jun 29 04:24:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

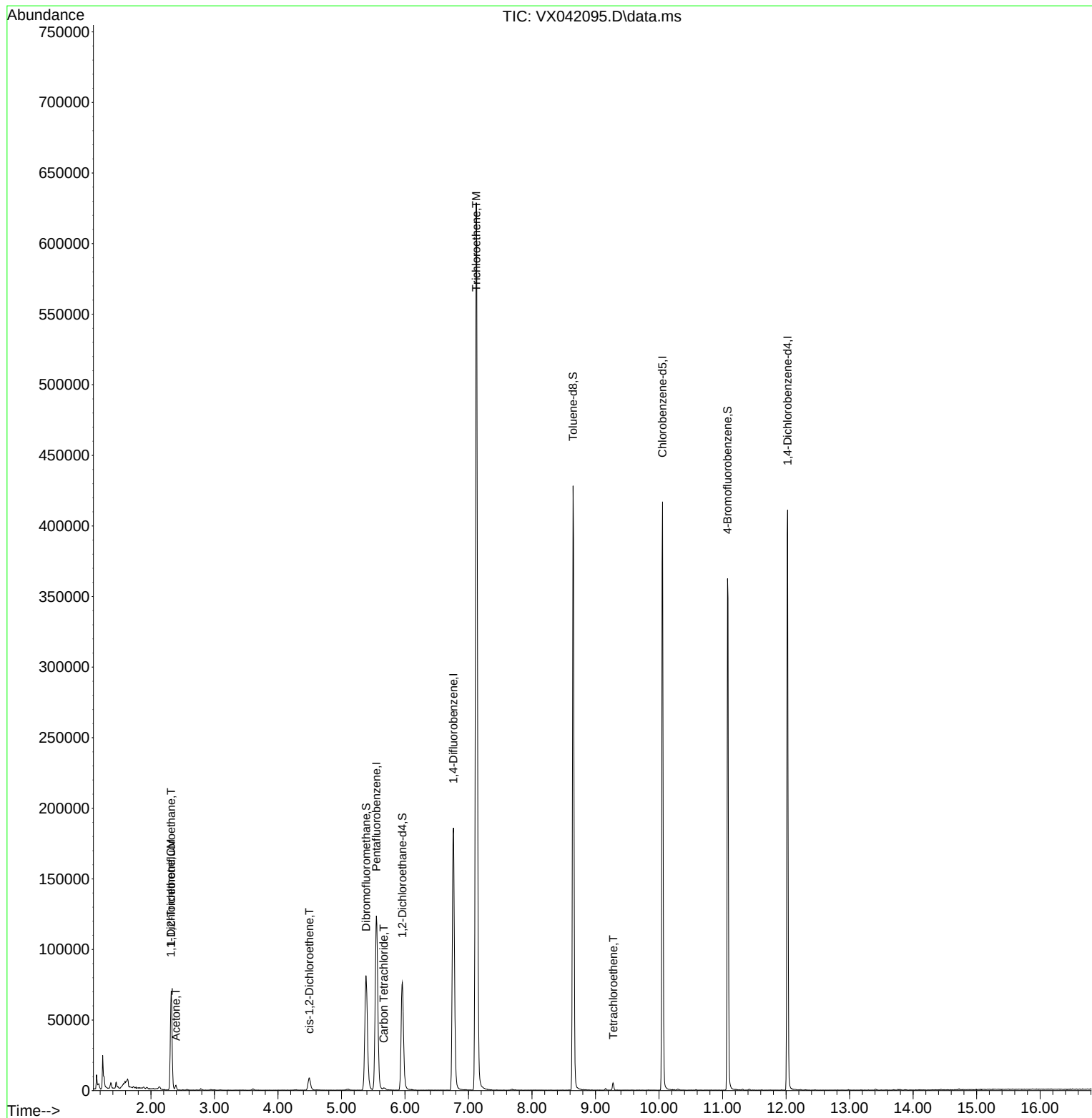
Internal Standards						
1) Pentafluorobenzene	5.550	168	138891	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	212578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73800	46.079	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.160%
35) Dibromofluoromethane	5.385	113	72237	47.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.647	98	269021	50.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	98197	50.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	24564	20.454	ug/l	# 85
12) 1,1-Dichloroethene	2.313	96	3454	2.883	ug/l	90
16) Acetone	2.392	43	2761	3.926	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	6482	4.257	ug/l	76
38) Carbon Tetrachloride	5.666	117	1270	0.718	ug/l	87
44) Trichloroethene	7.123	130	275041	189.943	ug/l	86
64) Tetrachloroethene	9.281	164	1151	0.753	ug/l	# 80

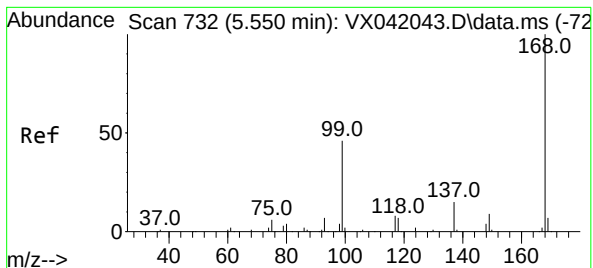
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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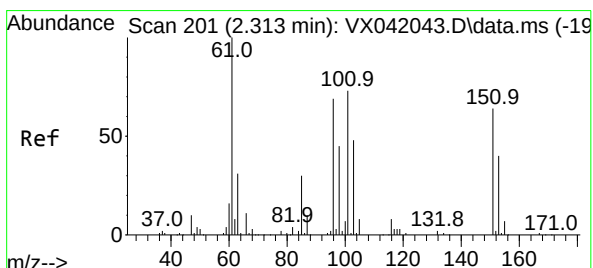
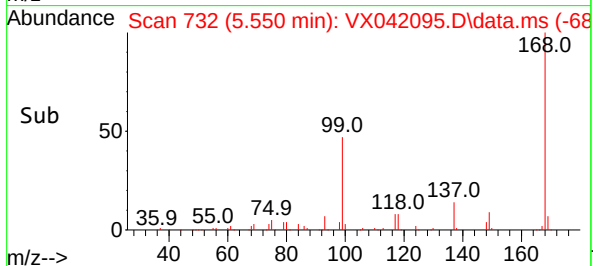
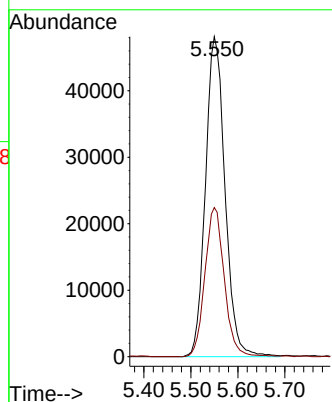
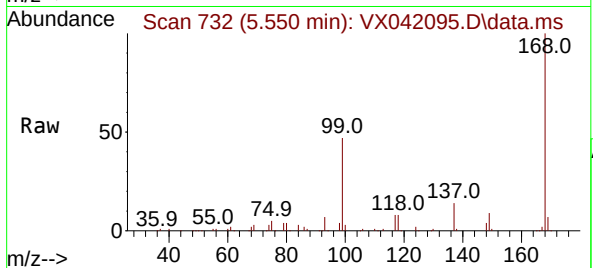




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

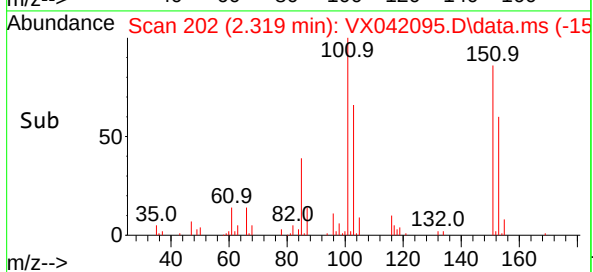
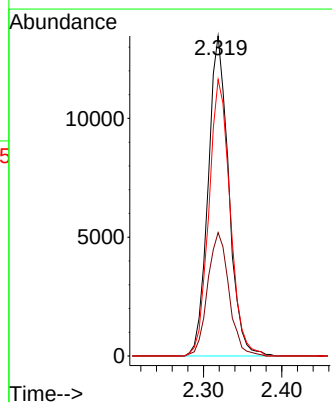
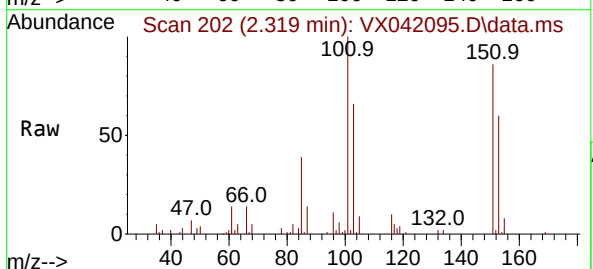
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627

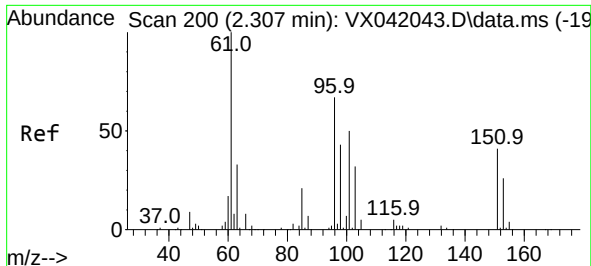
Tgt Ion:168 Resp: 138891
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.454 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

Tgt Ion:101 Resp: 24564
Ion Ratio Lower Upper
101 100
85 39.9 37.0 55.6
151 89.3 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 2.883 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX042095.D

Acq: 28 Jun 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-625-627

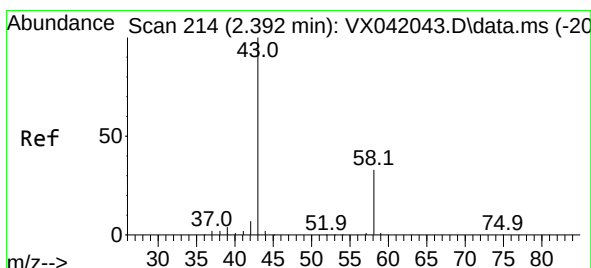
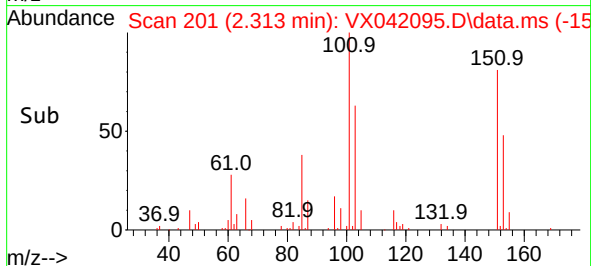
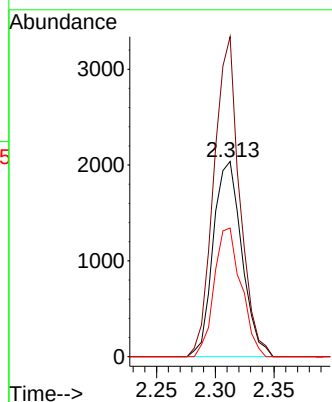
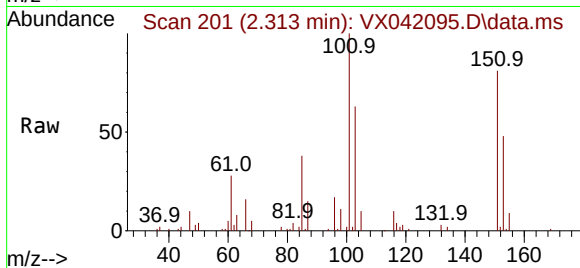
Tgt Ion: 96 Resp: 3454

Ion Ratio Lower Upper

96 100

61 164.0 144.6 216.8

98 65.9 50.4 75.6



#16

Acetone

Concen: 3.926 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042095.D

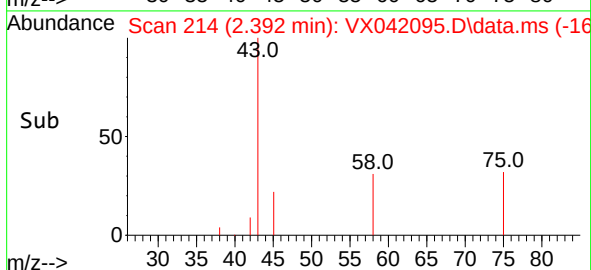
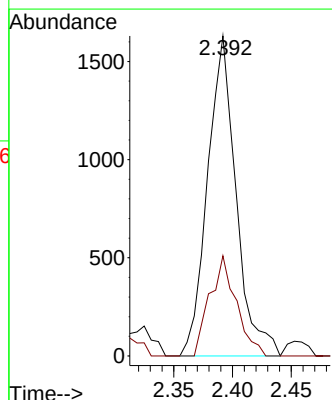
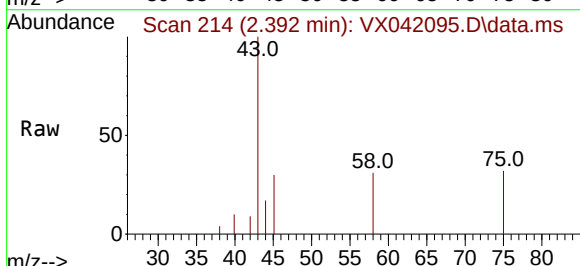
Acq: 28 Jun 2024 18:58

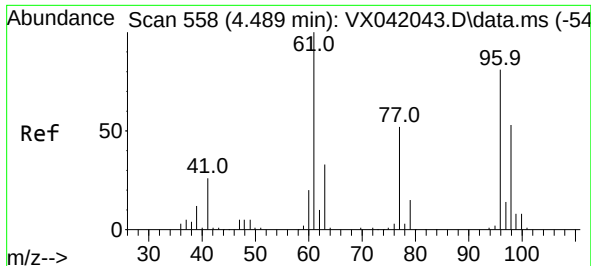
Tgt Ion: 43 Resp: 2761

Ion Ratio Lower Upper

43 100

58 31.3 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.257 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX042095.D

Acq: 28 Jun 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-625-627

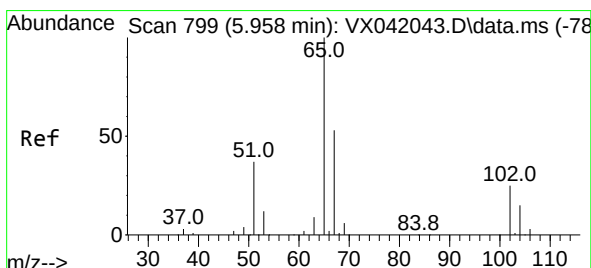
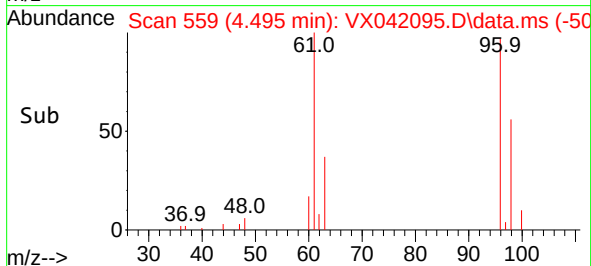
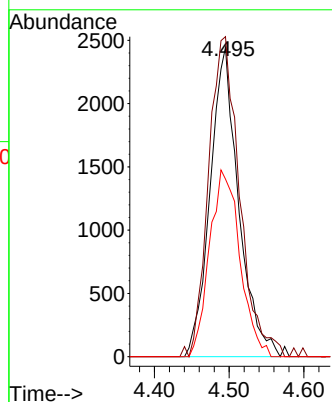
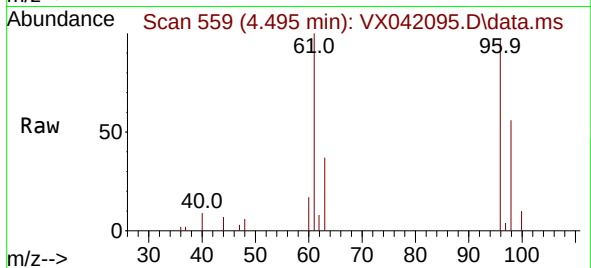
Tgt Ion: 96 Resp: 6482

Ion Ratio Lower Upper

96 100

61 112.4 0.0 312.2

98 64.2 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 46.079 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042095.D

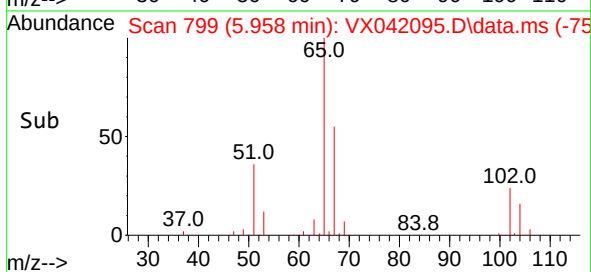
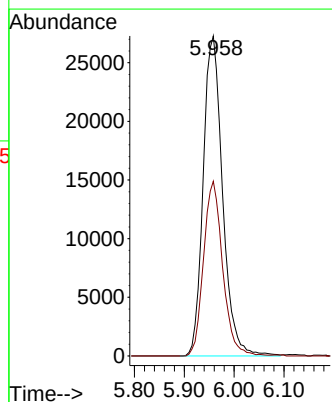
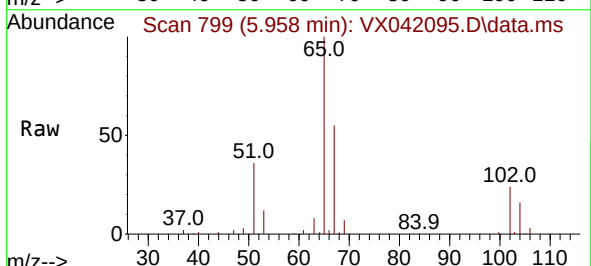
Acq: 28 Jun 2024 18:58

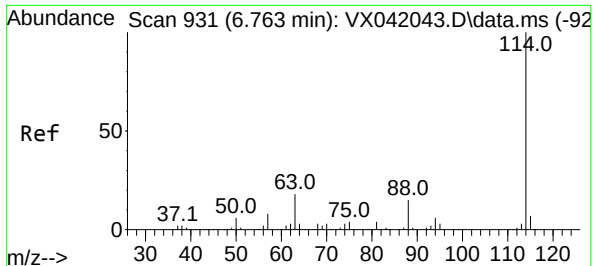
Tgt Ion: 65 Resp: 73800

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2

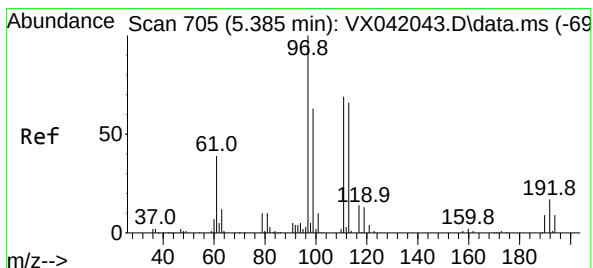
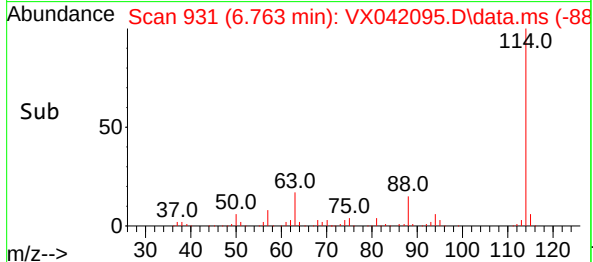
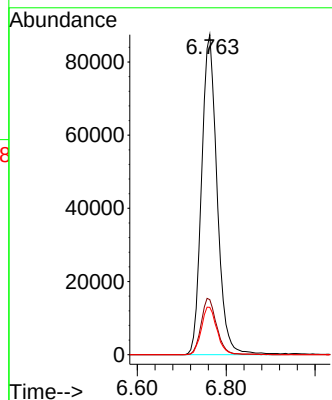
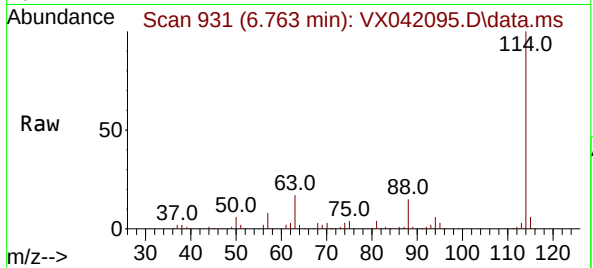




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

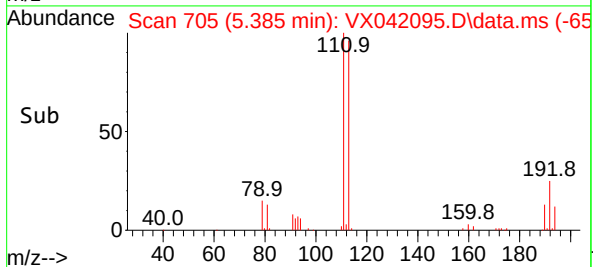
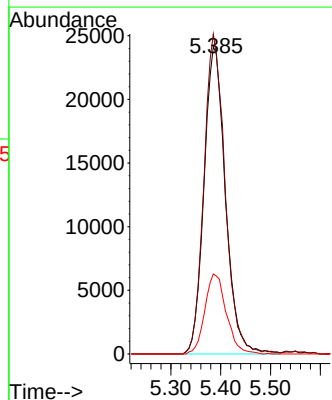
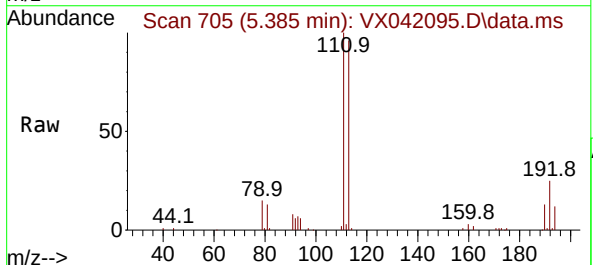
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-625-627

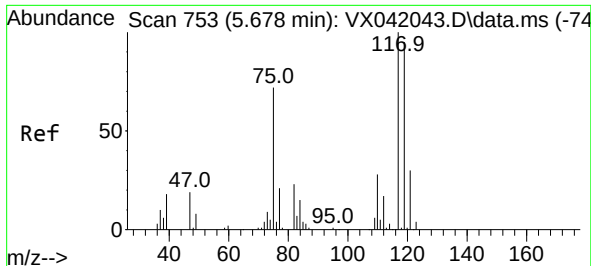
Tgt Ion:114 Resp: 212578
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.891 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

Tgt Ion:113 Resp: 72237
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 26.0 13.3 19.9#

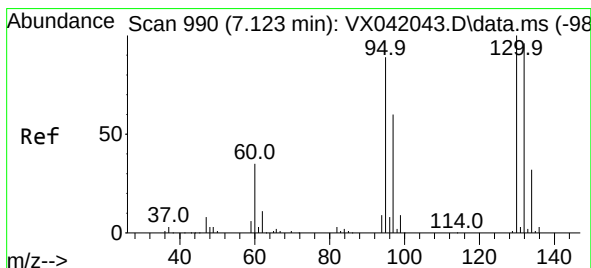
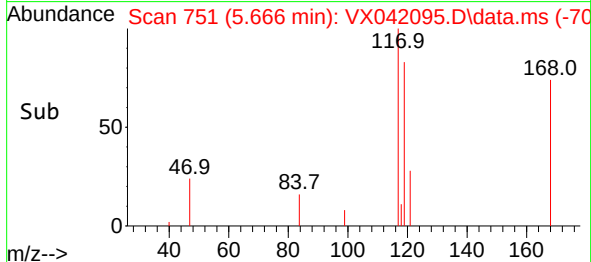
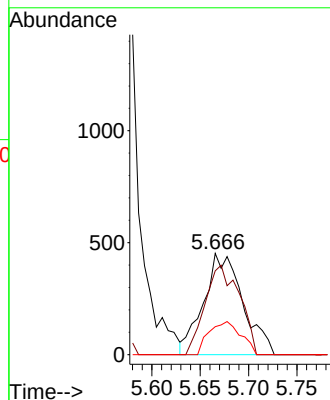
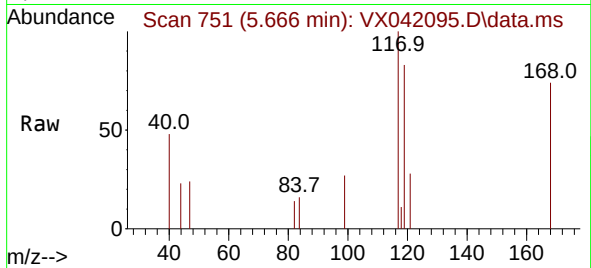




#38
Carbon Tetrachloride
Concen: 0.718 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

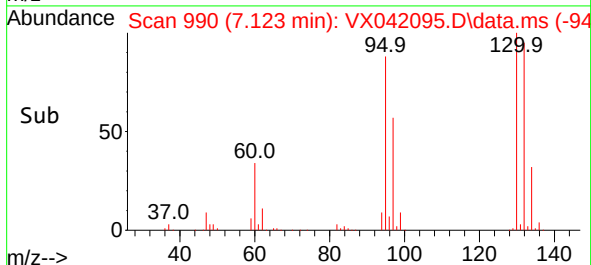
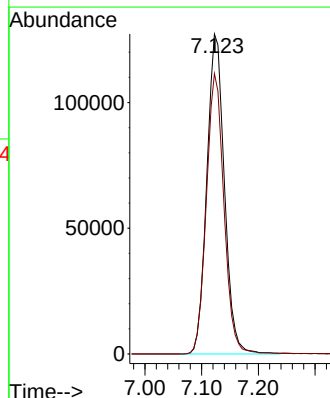
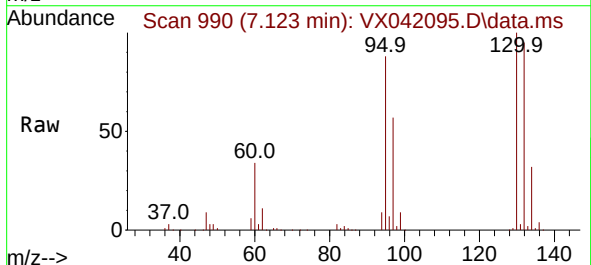
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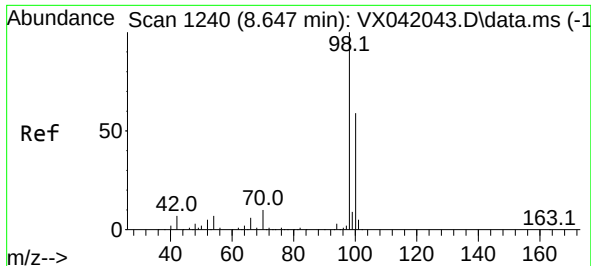
Tgt Ion:117 Resp: 1270
Ion Ratio Lower Upper
117 100
119 82.7 78.2 117.2
121 27.7 24.4 36.6



#44
Trichloroethene
Concen: 189.943 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

Tgt Ion:130 Resp: 275041
Ion Ratio Lower Upper
130 100
95 87.6 0.0 204.4

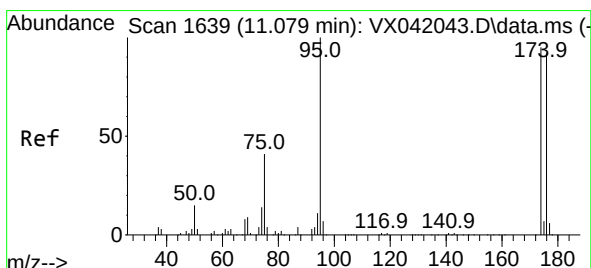
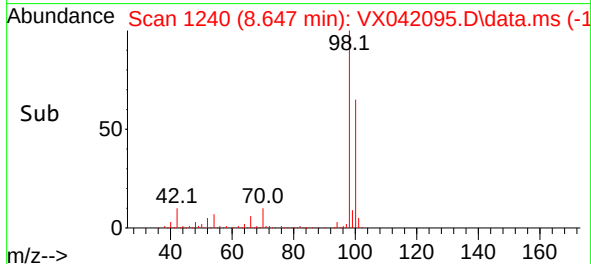
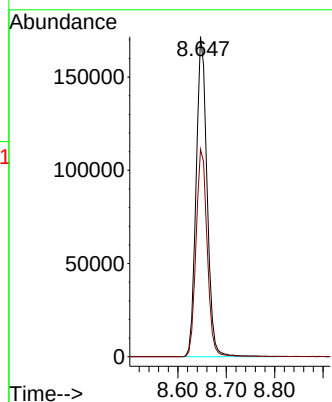
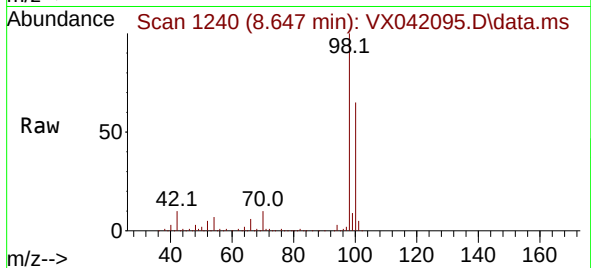




#50
Toluene-d8
Concen: 50.769 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

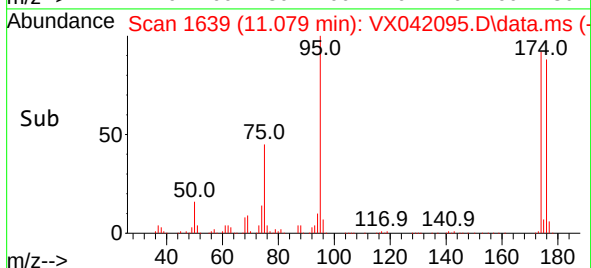
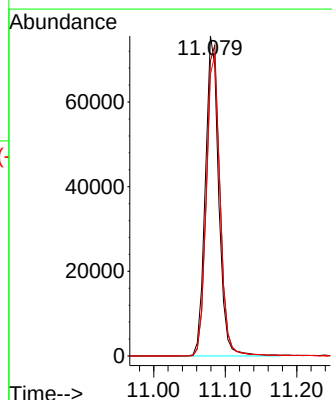
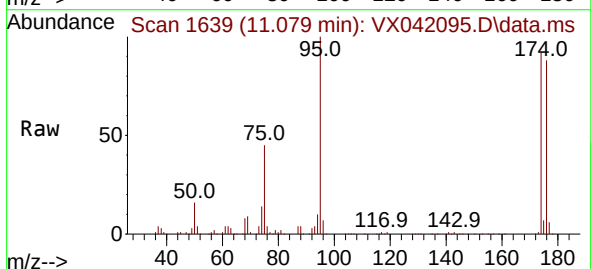
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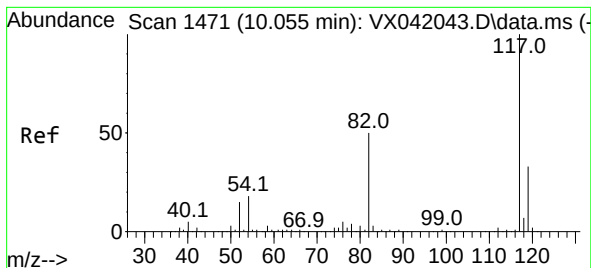
Tgt Ion: 98 Resp: 269021
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042095.D
Acq: 28 Jun 2024 18:58

Tgt Ion: 95 Resp: 98197
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 96.9 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: VX042095.D

Acq: 28 Jun 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-625-627

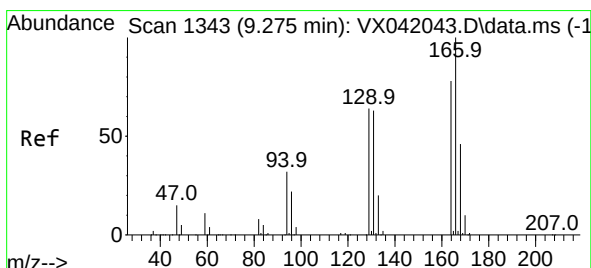
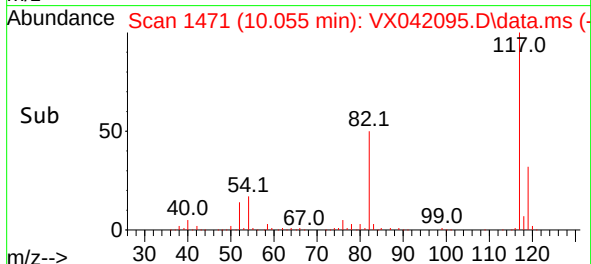
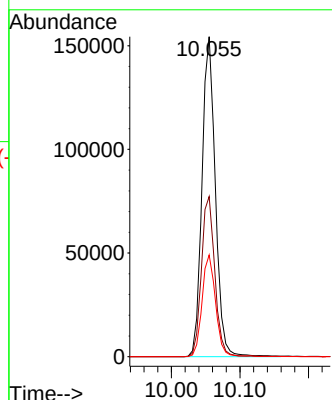
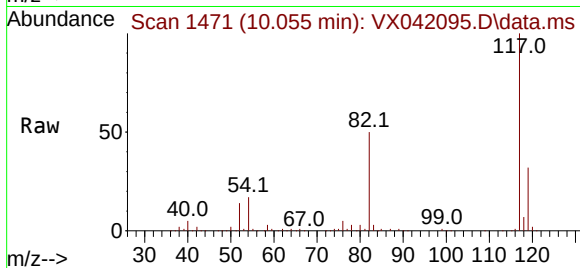
Tgt Ion:117 Resp: 209881

Ion Ratio Lower Upper

117 100

82 50.0 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.753 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX042095.D

Acq: 28 Jun 2024 18:58

Tgt Ion:164 Resp: 1151

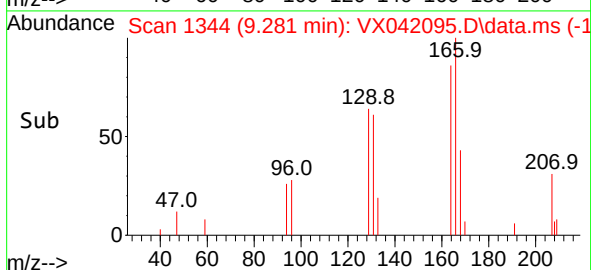
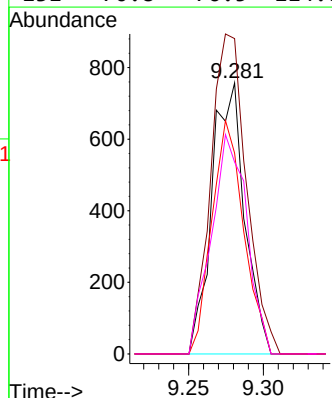
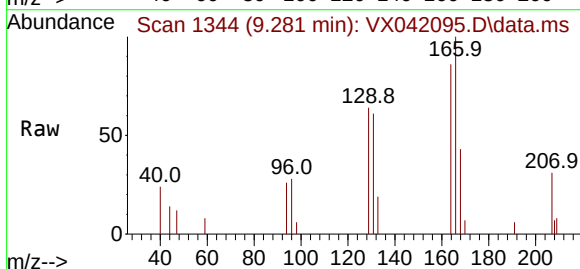
Ion Ratio Lower Upper

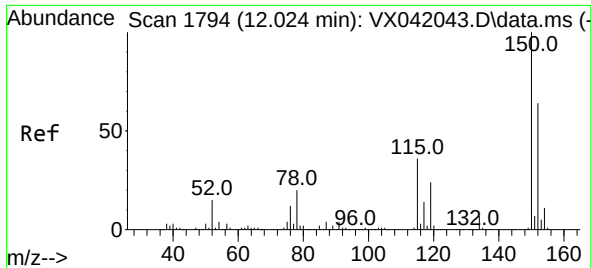
164 100

166 116.4 102.7 154.1

129 74.1 80.4 120.6#

131 70.8 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: VX042095.D

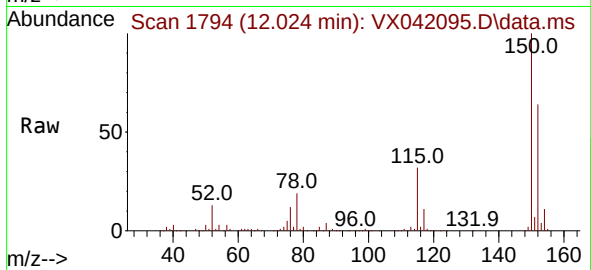
Acq: 28 Jun 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 100783

Ion Ratio Lower Upper

152 100

115 51.8 43.3 129.9

150 155.1 0.0 345.0

