

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031724.D
 Acq On : 28 Sep 2022 14:07
 Operator : JC/MD
 Sample : N4848-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-638-640

Quant Time: Sep 29 04:31:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

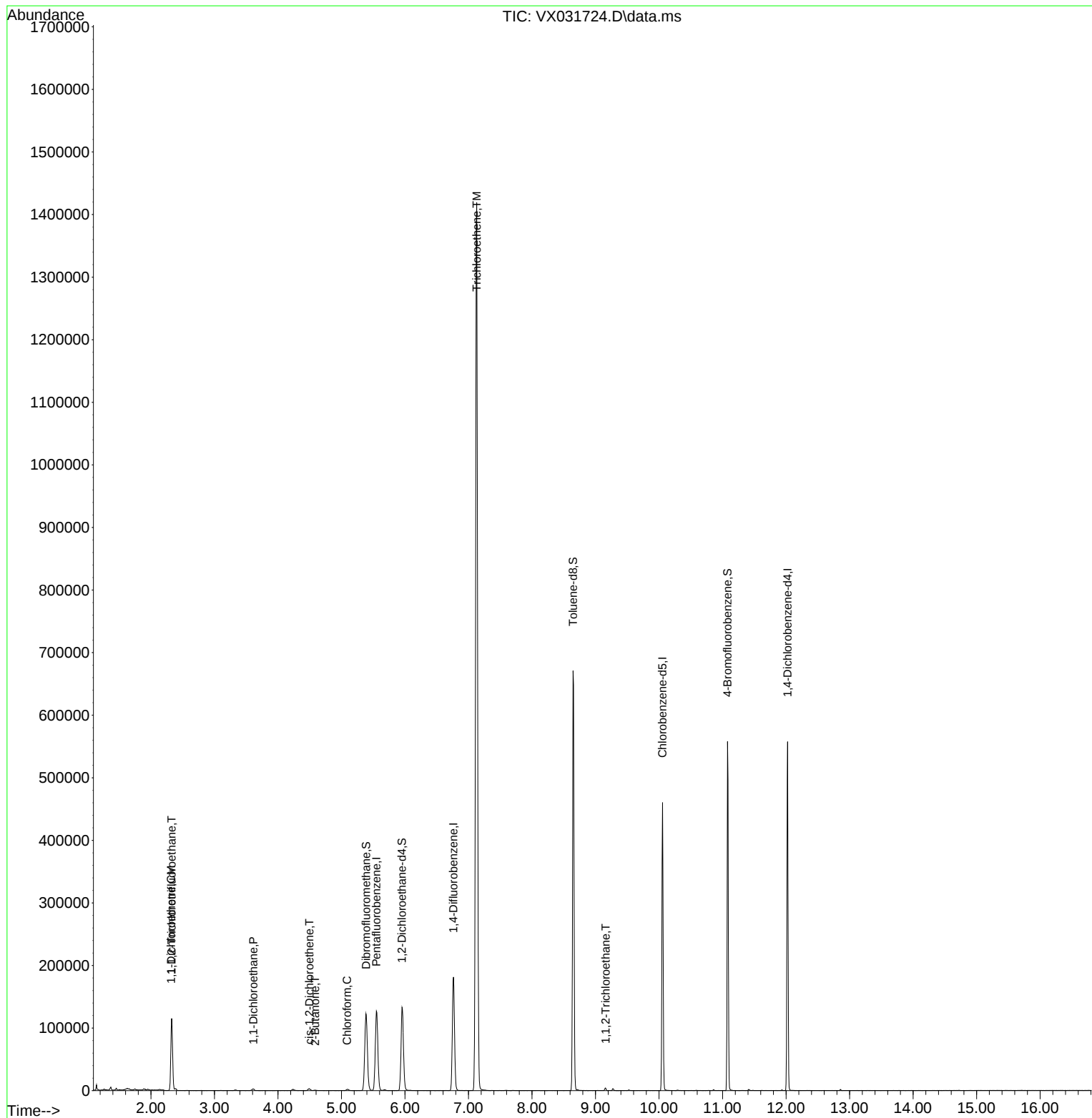
Internal Standards						
1) Pentafluorobenzene	5.549	168	118551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128345	51.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.020%	
35) Dibromofluoromethane	5.385	113	102608	45.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.740%	
50) Toluene-d8	8.646	98	398914	48.652	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	11.079	95	135765	45.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.360%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.324	101	32398	20.559	ug/l	93
12) 1,1-Dichloroethene	2.318	96	12524	8.007	ug/l	92
24) 1,1-Dichloroethane	3.611	63	2997	0.974	ug/l #	94
25) 2-Butanone	4.586	43	1234	1.027	ug/l #	59
27) cis-1,2-Dichloroethene	4.495	96	2208	1.035	ug/l	69
30) Chloroform	5.086	83	2554	0.675	ug/l #	79
44) Trichloroethene	7.128	130	531758	236.006	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	1175	0.513	ug/l #	89

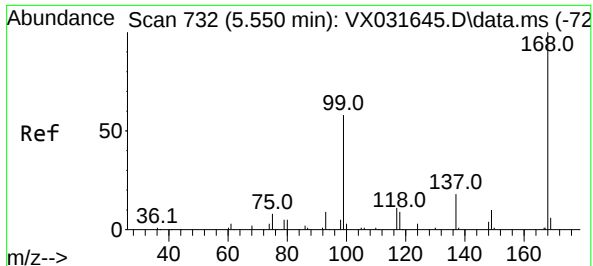
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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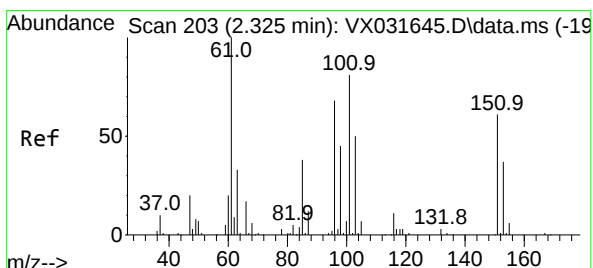
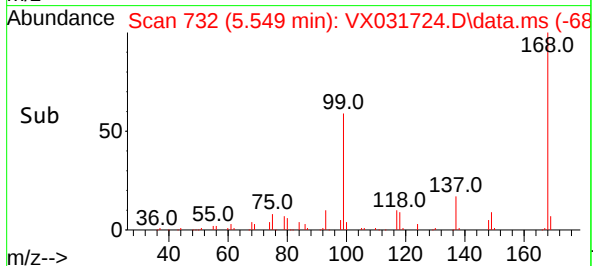
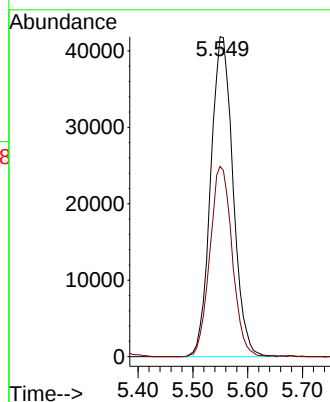
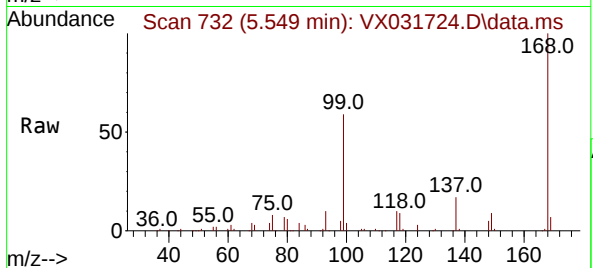




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

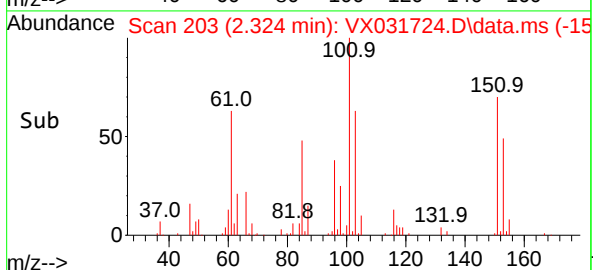
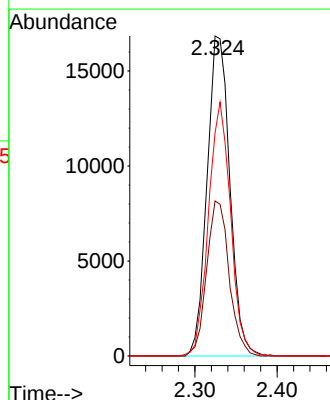
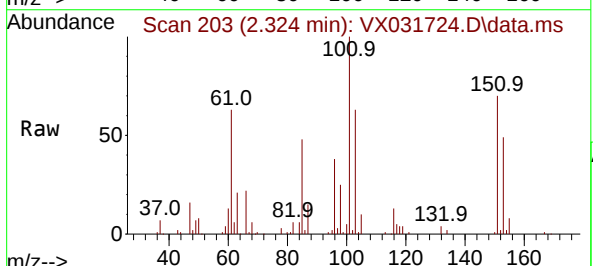
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-638-640

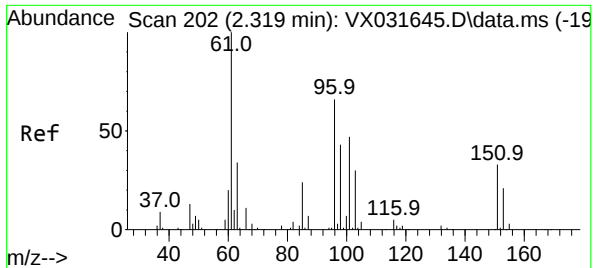
Tgt Ion:168 Resp: 118551
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.559 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.007 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

Tgt Ion:101 Resp: 32398
Ion Ratio Lower Upper
101 100
85 47.9 38.6 57.8
151 77.2 54.0 81.0





#12

1,1-Dichloroethene

Concen: 8.007 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-638-640

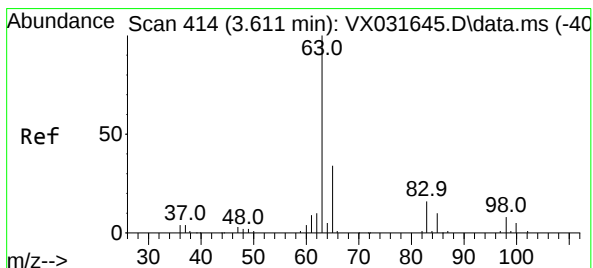
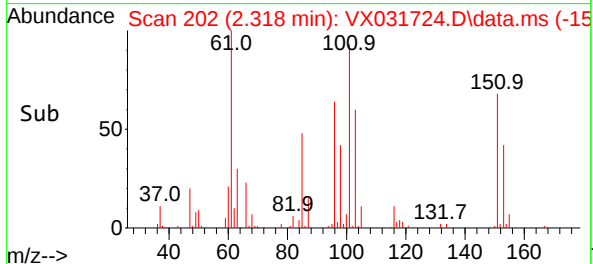
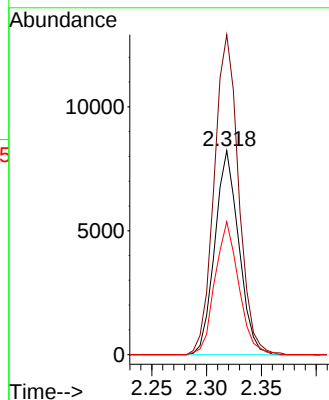
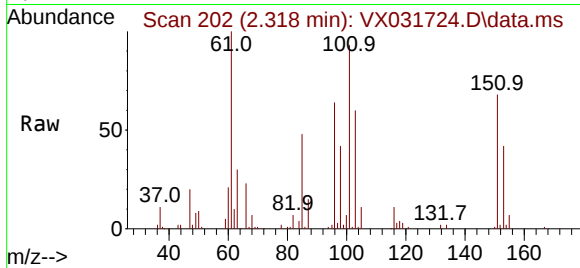
Tgt Ion: 96 Resp: 12524

Ion Ratio Lower Upper

96 100

61 156.9 135.3 202.9

98 65.2 49.4 74.2



#24

1,1-Dichloroethane

Concen: 0.974 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

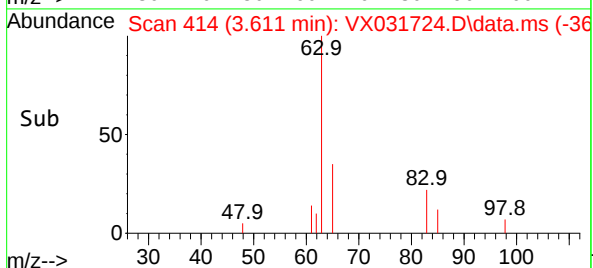
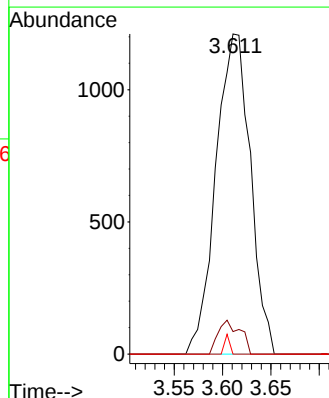
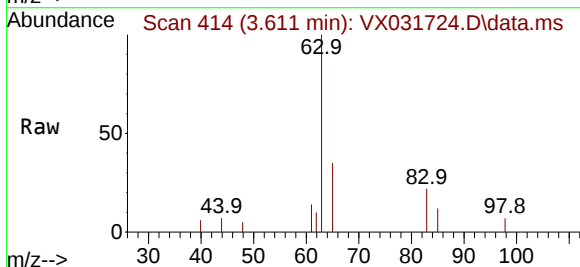
Tgt Ion: 63 Resp: 2997

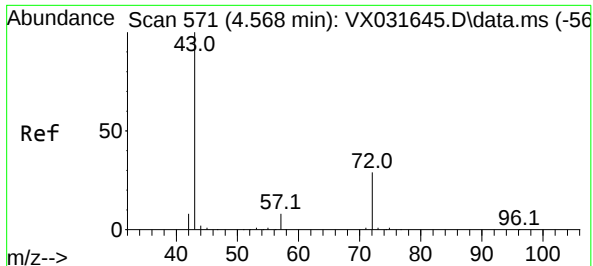
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 1.027 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

Instrument :

MSVOA_X

ClientSampleId :

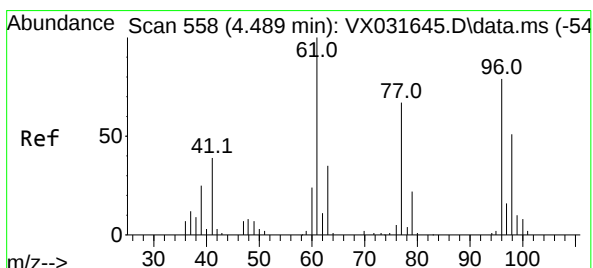
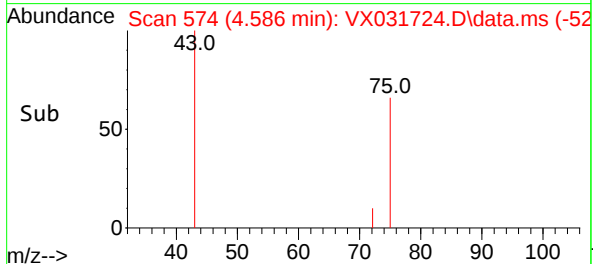
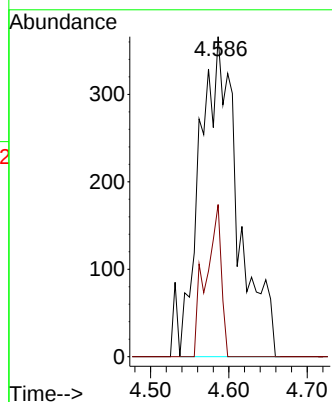
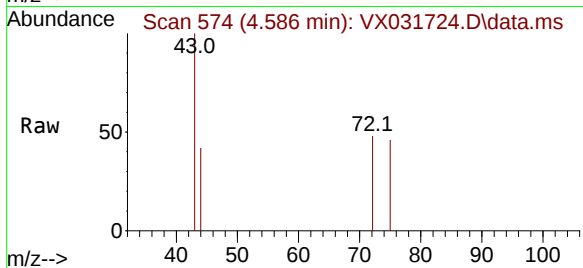
BP-VPB-RW5-GW-638-640

Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

43 100

72 47.5 21.1 31.7#



#27

cis-1,2-Dichloroethene

Concen: 1.035 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

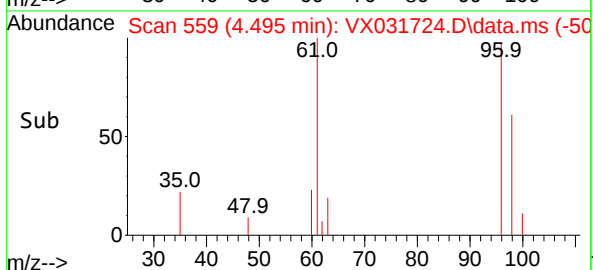
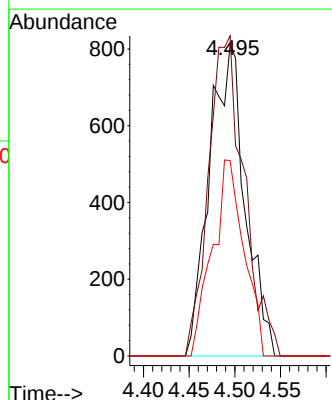
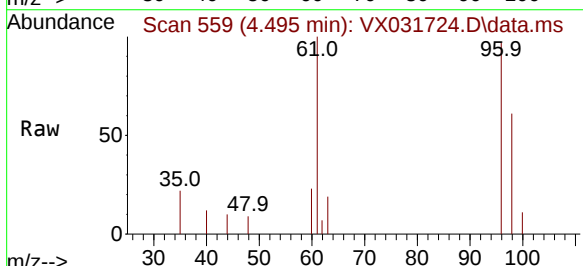
Tgt Ion: 96 Resp: 2208

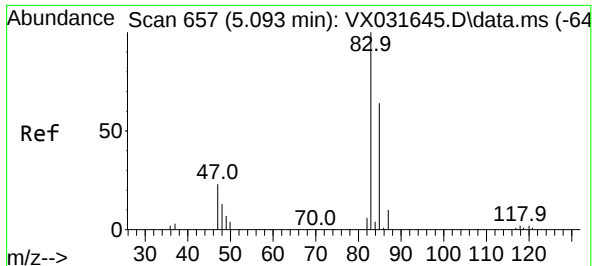
Ion Ratio Lower Upper

96 100

61 102.4 0.0 305.2

98 55.8 0.0 128.4





#30

Chloroform

Concen: 0.675 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.013 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

Instrument :

MSVOA_X

ClientSampleId :

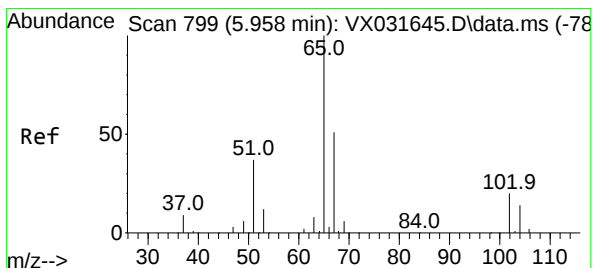
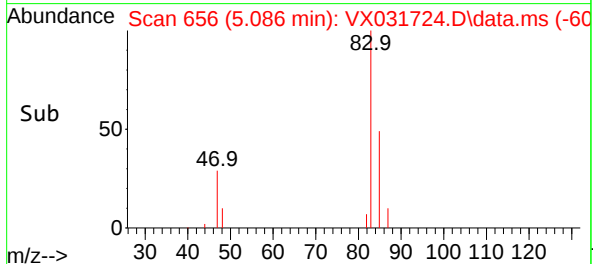
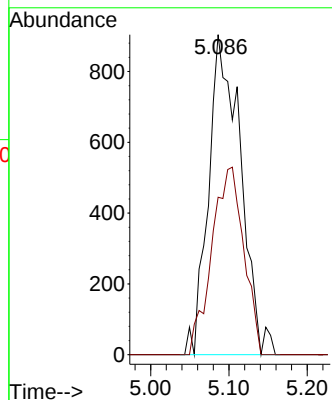
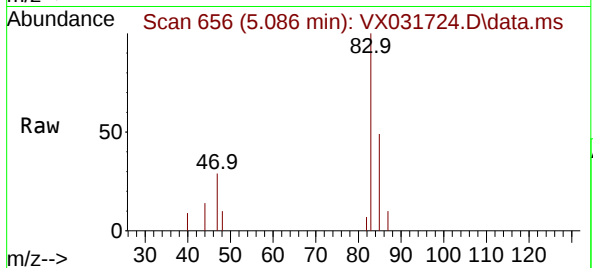
BP-VPB-RW5-GW-638-640

Tgt Ion: 83 Resp: 2554

Ion Ratio Lower Upper

83 100

85 49.2 52.8 79.2#



#33

1,2-Dichloroethane-d4

Concen: 51.009 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX031724.D

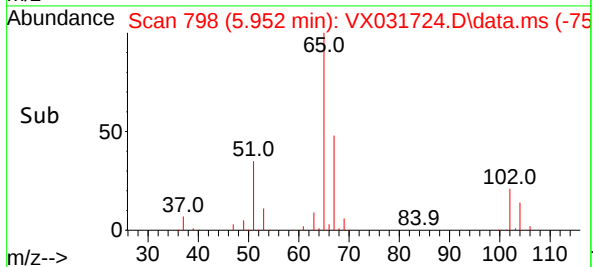
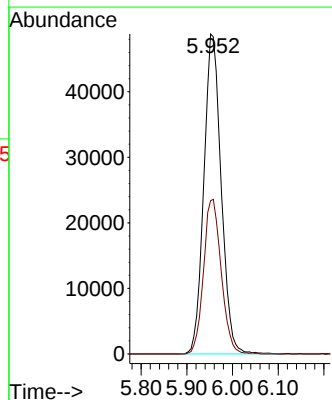
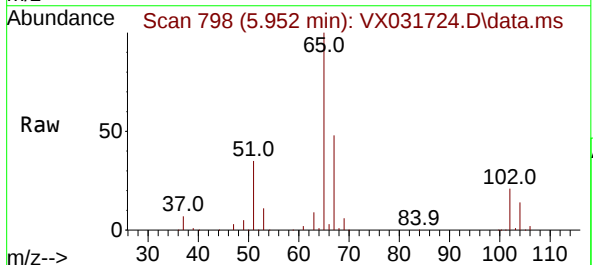
Acq: 28 Sep 2022 14:07

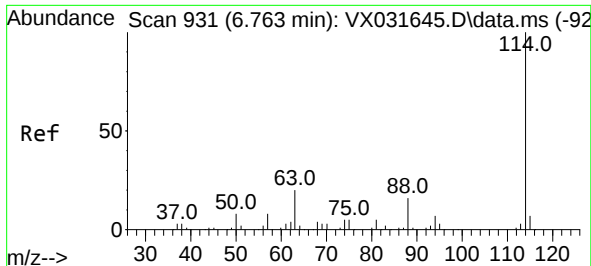
Tgt Ion: 65 Resp: 128345

Ion Ratio Lower Upper

65 100

67 49.2 0.0 102.4

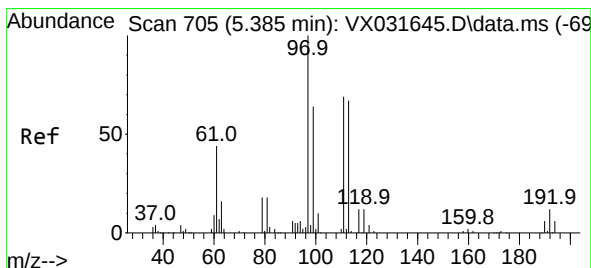
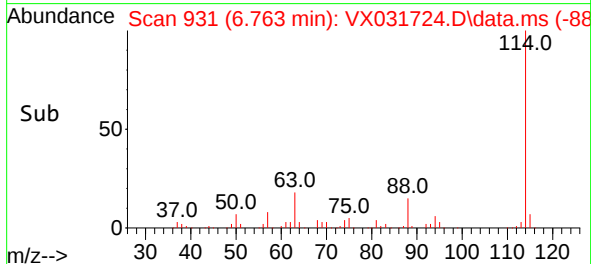
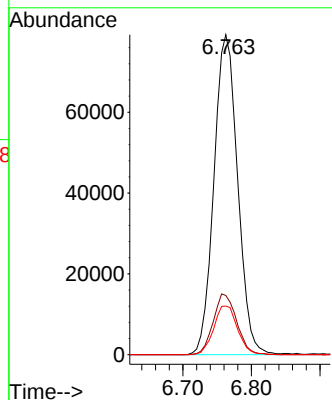
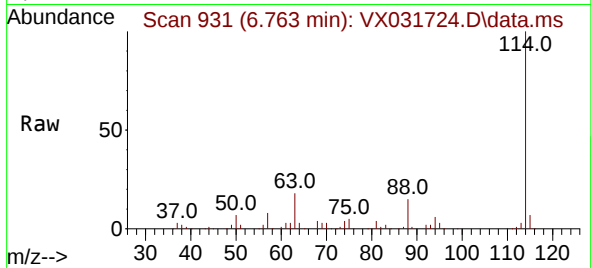




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

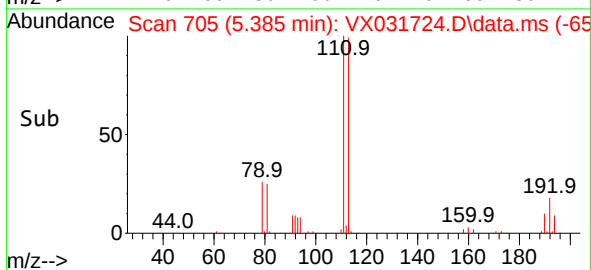
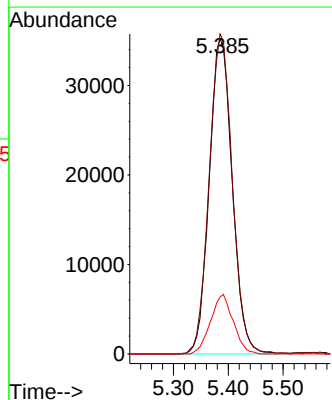
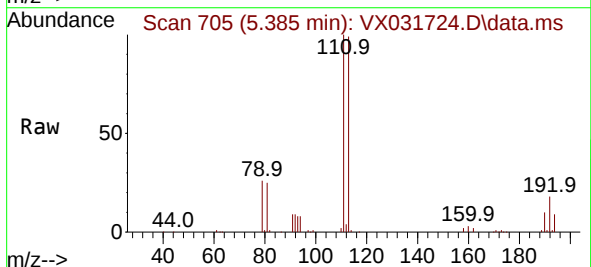
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BP-VPB-RW5-GW-638-640

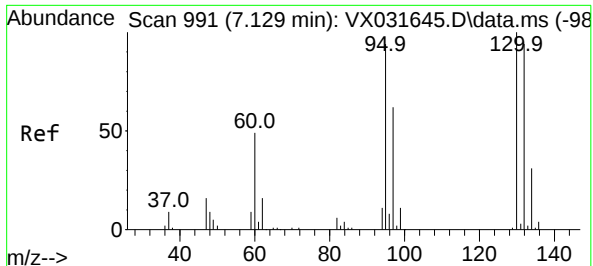
Tgt Ion:114 Resp: 189809
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.6
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

Tgt Ion:113 Resp: 102608
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.6 14.1 21.1

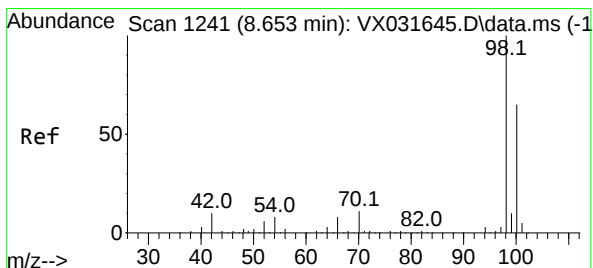
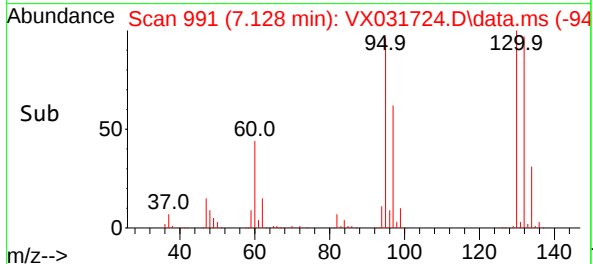
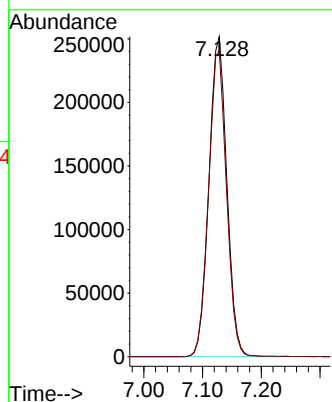
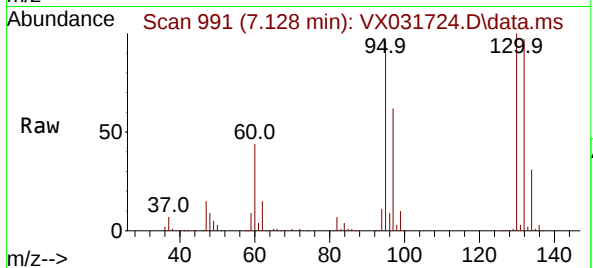




#44
Trichloroethene
Concen: 236.006 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

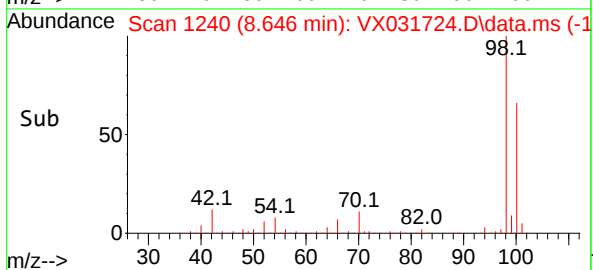
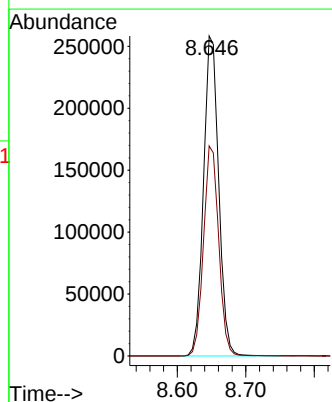
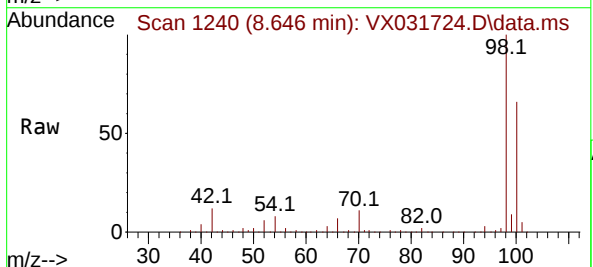
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BP-VPB-RW5-GW-638-640

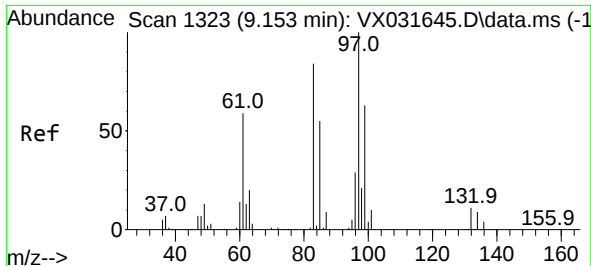
Tgt Ion:130 Resp: 531758
Ion Ratio Lower Upper
130 100
95 95.6 0.0 206.8



#50
Toluene-d8
Concen: 48.652 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

Tgt Ion: 98 Resp: 398914
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#55

1,1,2-Trichloroethane

Concen: 0.513 ug/l

RT: 9.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-638-640

Tgt Ion: 97 Resp: 1175

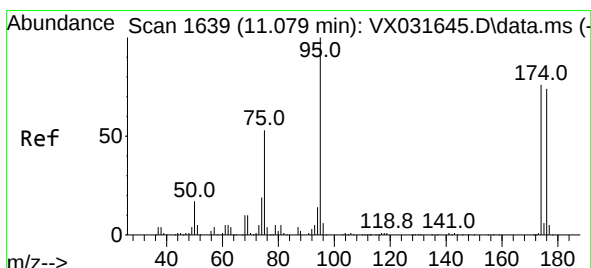
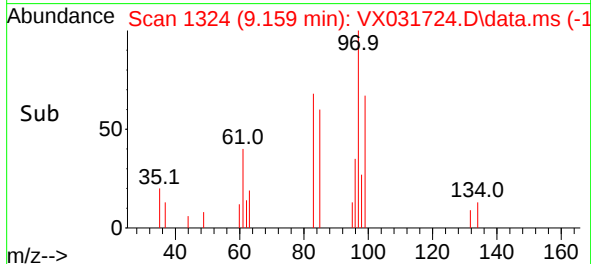
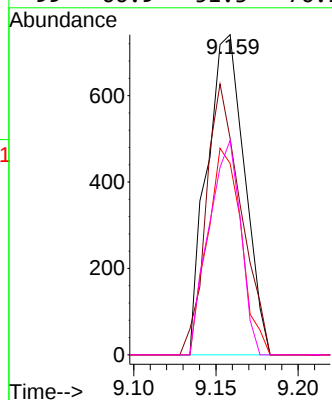
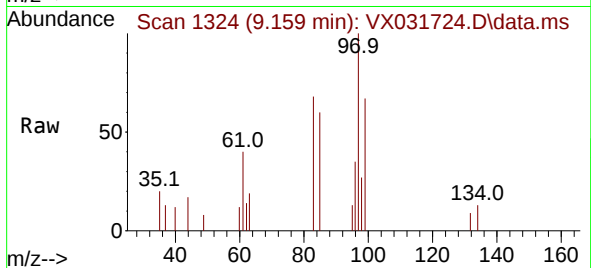
Ion Ratio Lower Upper

97 100

83 67.6 69.0 103.6#

85 59.8 44.1 66.1

99 66.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.177 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031724.D

Acq: 28 Sep 2022 14:07

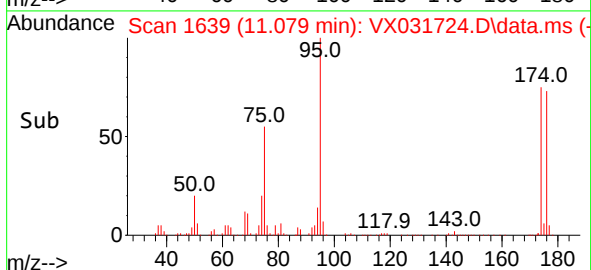
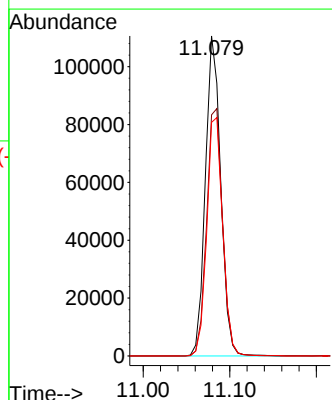
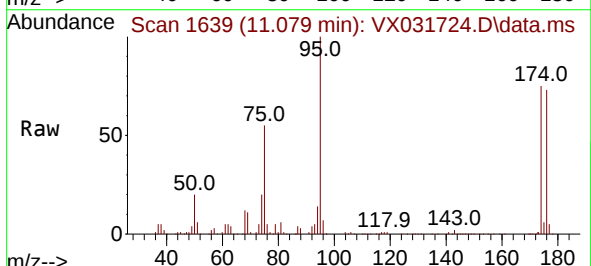
Tgt Ion: 95 Resp: 135765

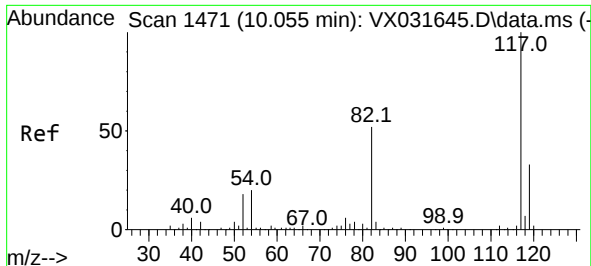
Ion Ratio Lower Upper

95 100

174 80.9 0.0 153.2

176 77.4 0.0 144.0

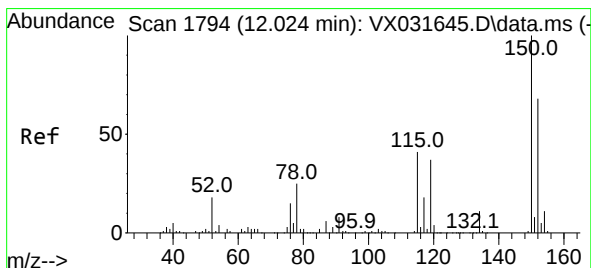
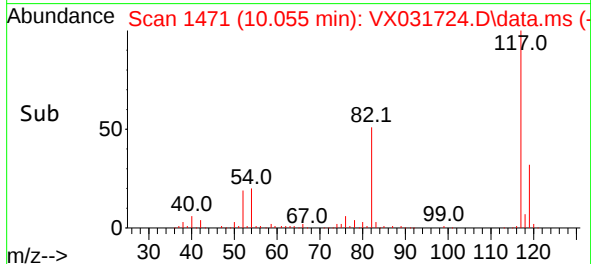
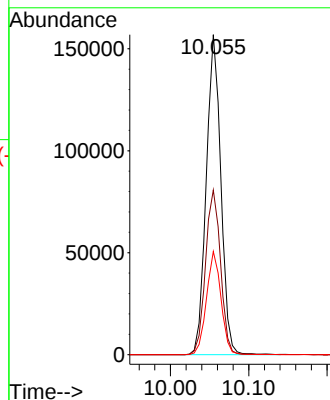
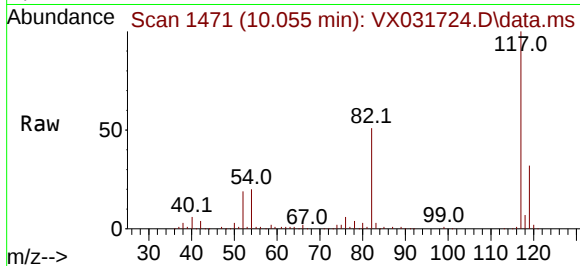




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-638-640

Tgt Ion:117 Resp: 202493
Ion Ratio Lower Upper
117 100
82 51.4 46.8 70.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031724.D
Acq: 28 Sep 2022 14:07

Tgt Ion:152 Resp: 111538
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 155.3 0.0 346.8

