

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038445.D
 Acq On : 23 Oct 2023 20:06
 Operator : JC/MD
 Sample : 04980-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRIDAL-SHOP-BAY-SUMP

Quant Time: Oct 24 00:08:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

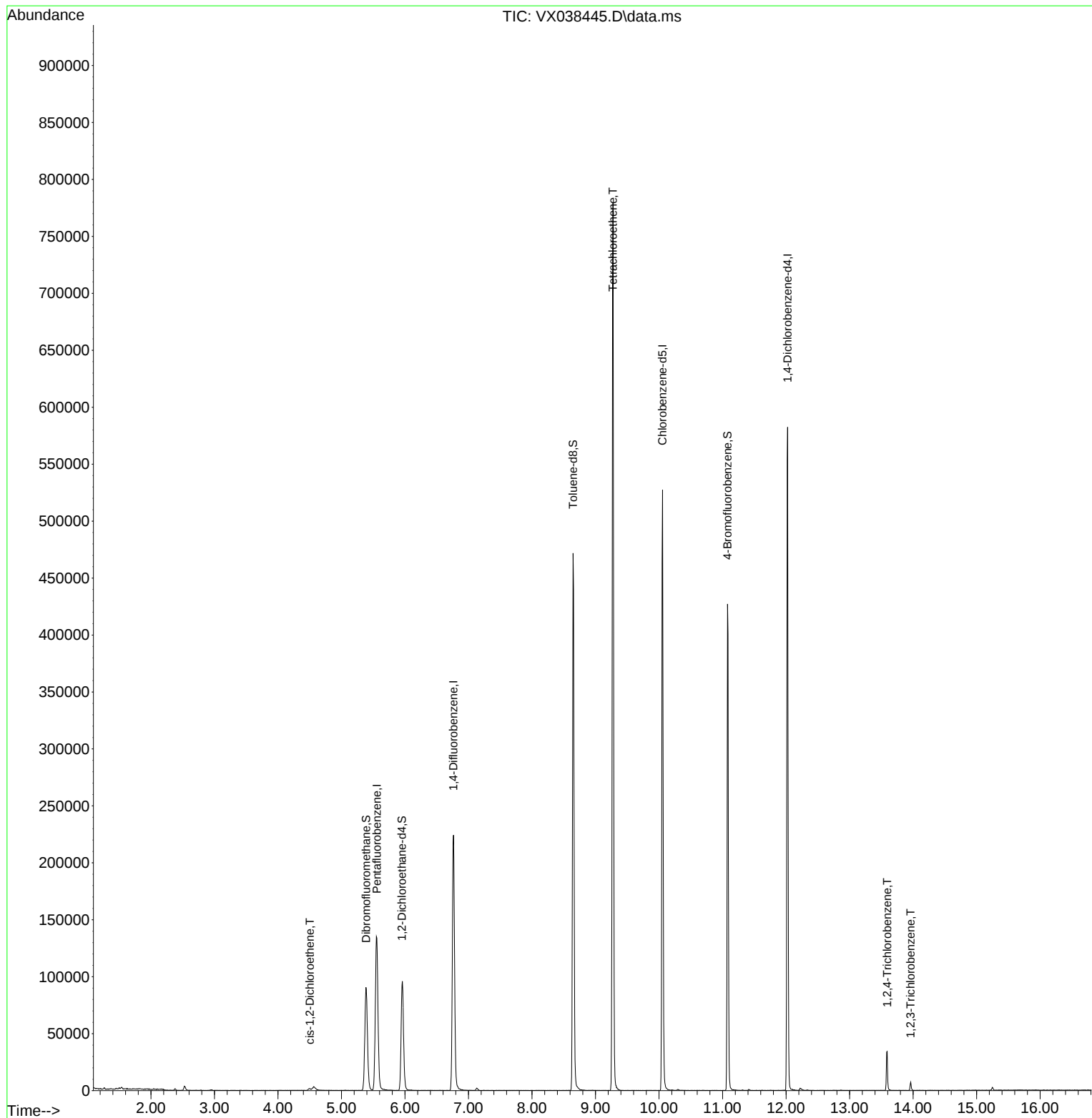
Internal Standards						
1) Pentafluorobenzene	5.556	168	131652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	236898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93753	44.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	77989	45.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	291789	44.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.460%#
62) 4-Bromofluorobenzene	11.079	95	110424	44.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.300%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	4.501	96	1177	0.663	ug/l	89
64) Tetrachloroethene	9.275	164	139118	88.713	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	8712	3.340	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	2207	0.874	ug/l	88

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

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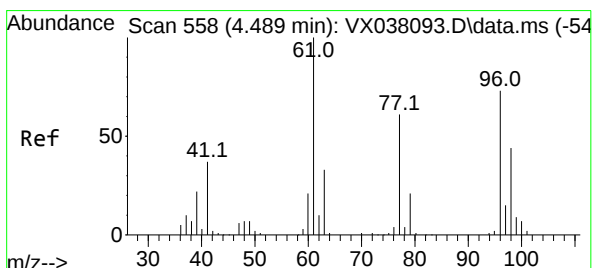
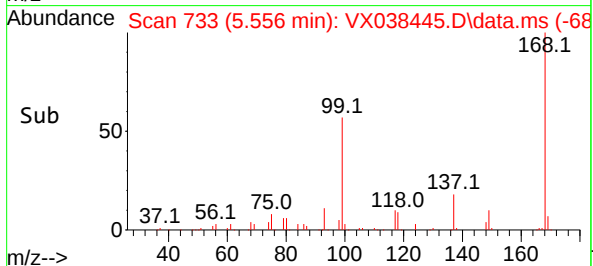
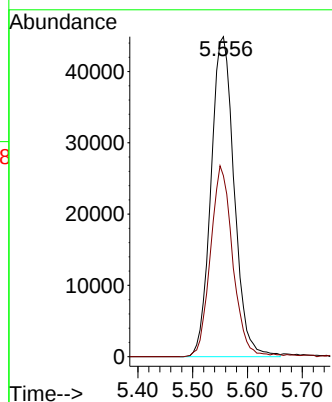
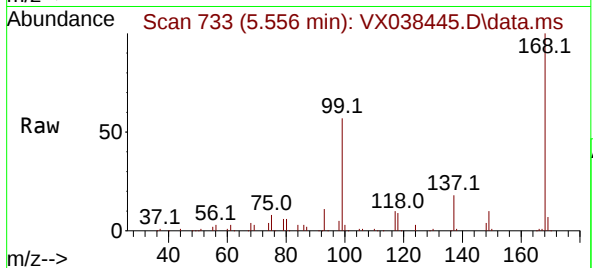




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

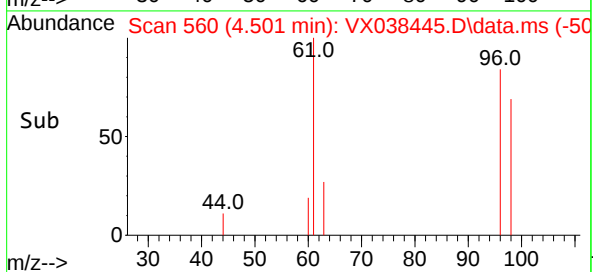
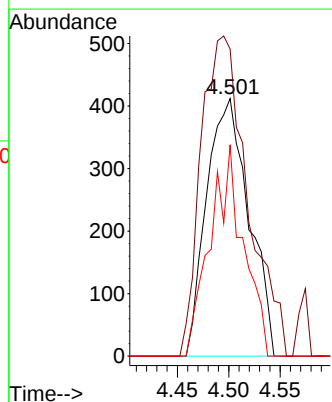
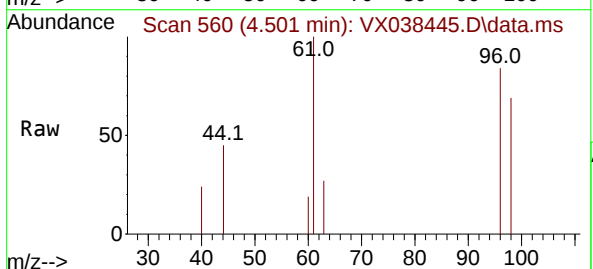
Instrument :
MSVOA_X
ClientSampleId :
BRIDAL-SHOP-BAY-SUMP

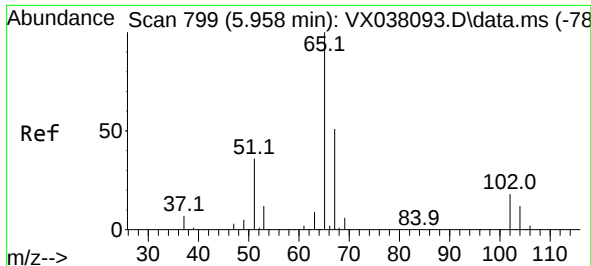
Tgt Ion:168 Resp: 131652
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#27
cis-1,2-Dichloroethene
Concen: 0.663 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Tgt Ion: 96 Resp: 1177
Ion Ratio Lower Upper
96 100
61 136.9 0.0 312.2
98 64.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 44.275 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038445.D

Acq: 23 Oct 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

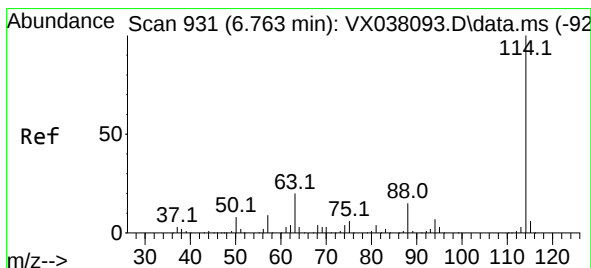
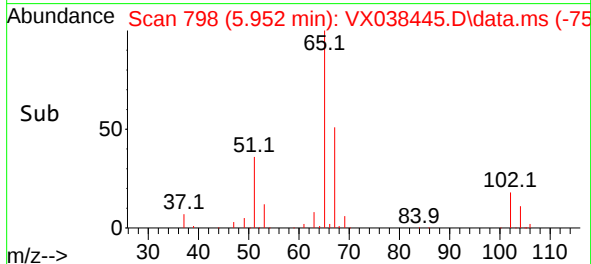
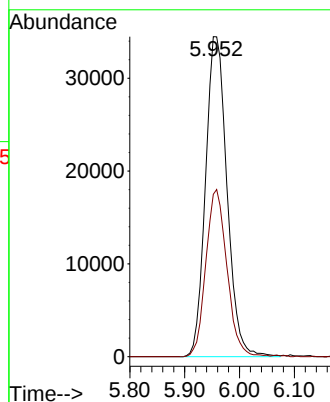
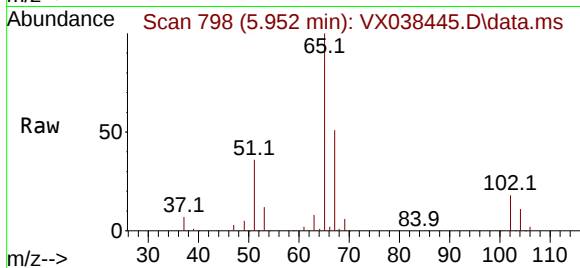
BRIDAL-SHOP-BAY-SUMP

Tgt Ion: 65 Resp: 93753

Ion Ratio Lower Upper

65 100

67 51.2 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: VX038445.D

Acq: 23 Oct 2023 20:06

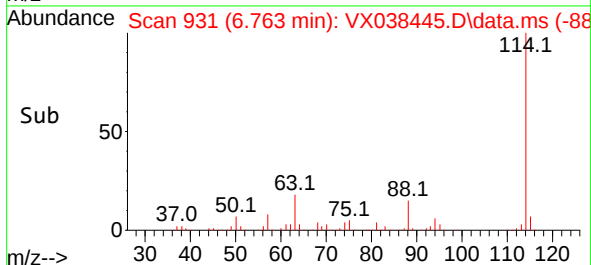
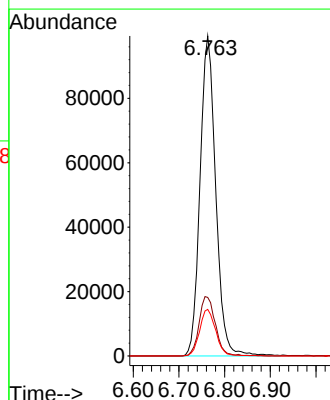
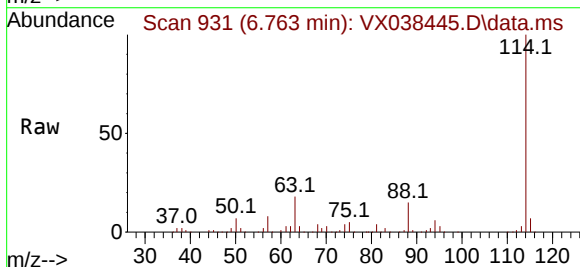
Tgt Ion: 114 Resp: 236898

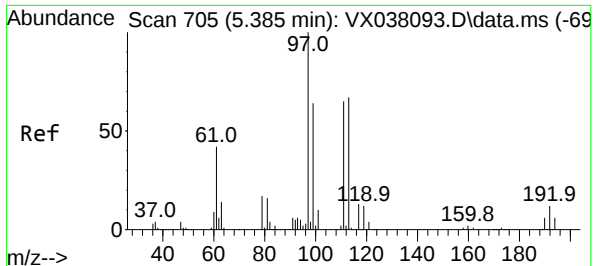
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.688 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038445.D

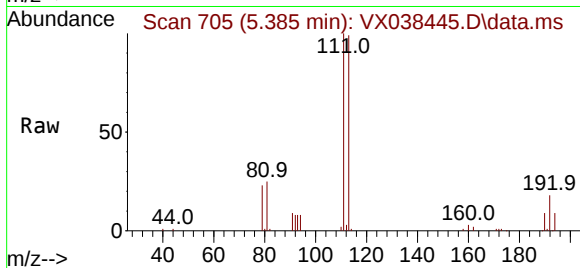
Acq: 23 Oct 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

BRIDAL-SHOP-BAY-SUMP



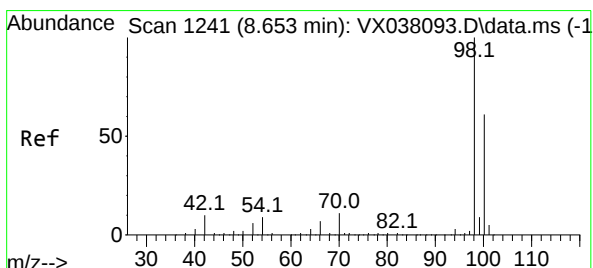
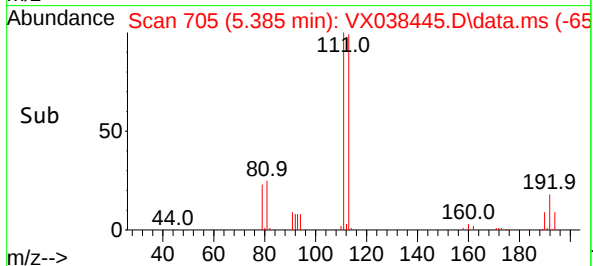
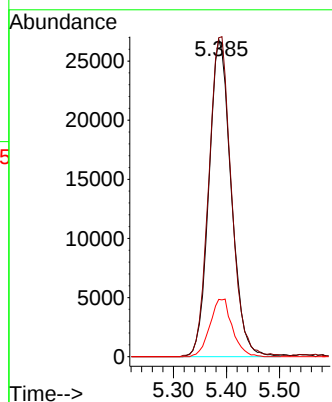
Tgt Ion:113 Resp: 77989

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 18.3 13.3 19.9



#50

Toluene-d8

Concen: 44.733 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038445.D

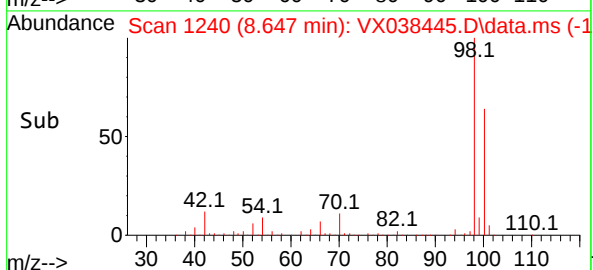
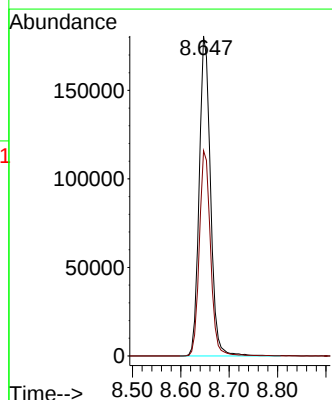
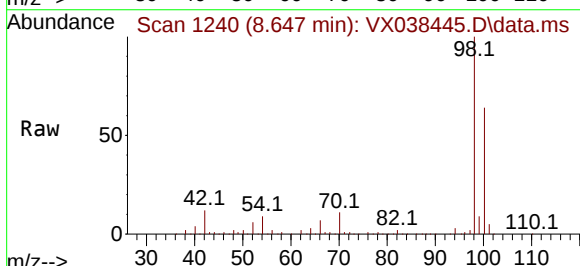
Acq: 23 Oct 2023 20:06

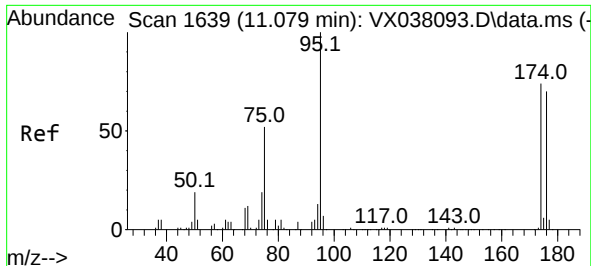
Tgt Ion: 98 Resp: 291789

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

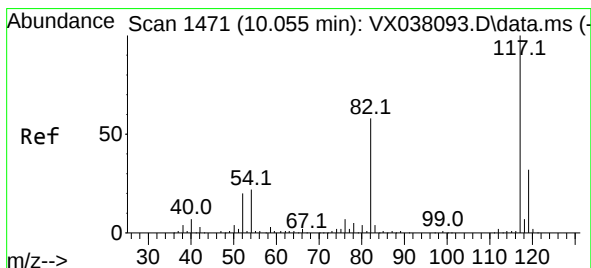
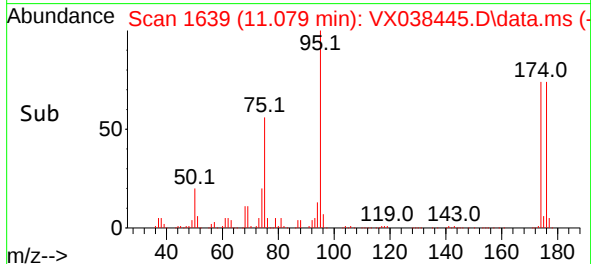
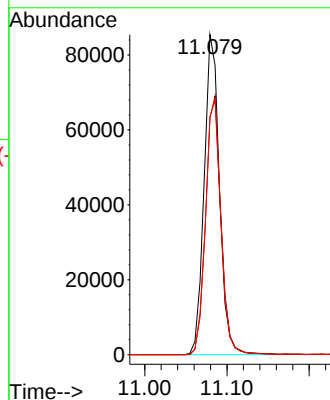
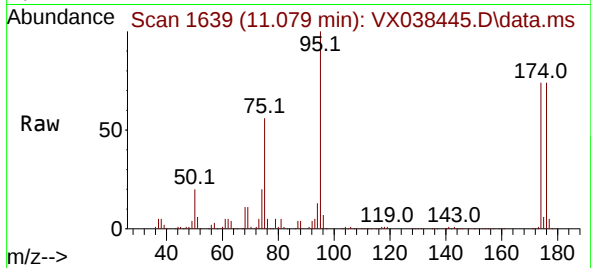




#62
4-Bromofluorobenzene
Concen: 44.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

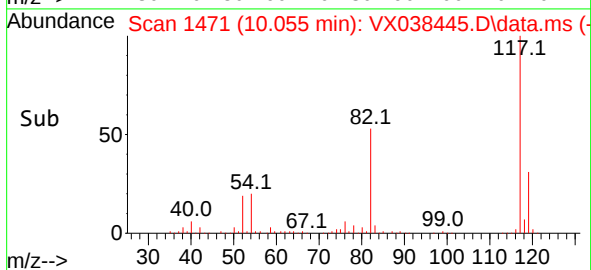
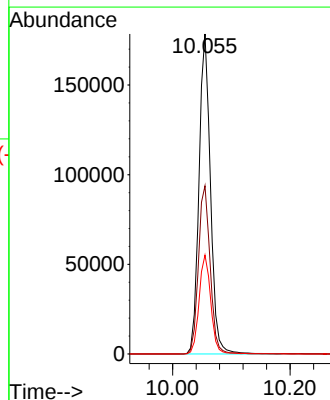
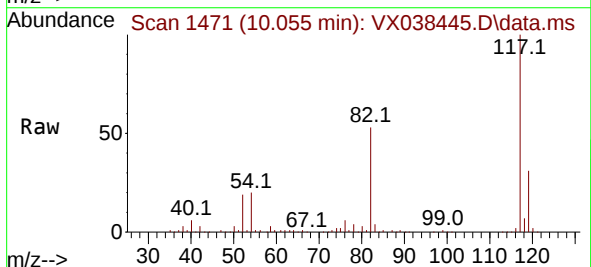
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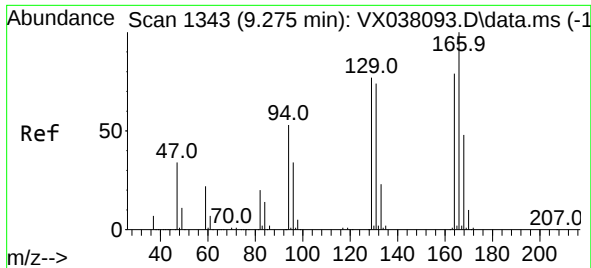
Tgt Ion: 95 Resp: 110424
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 80.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Tgt Ion: 117 Resp: 242239
Ion Ratio Lower Upper
117 100
82 52.6 46.2 69.4
119 30.9 25.5 38.3

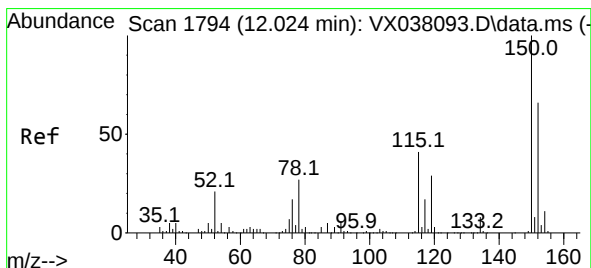
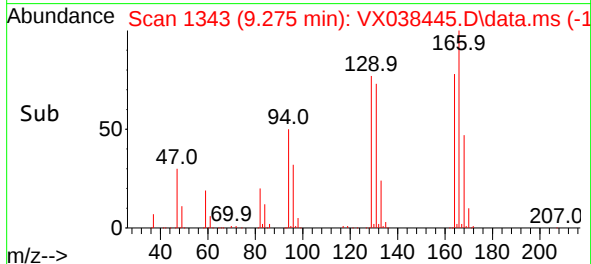
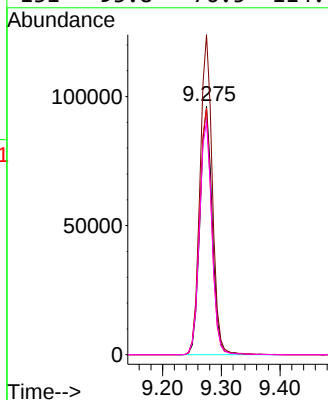
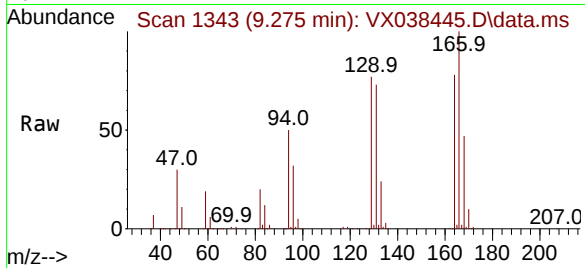




#64
Tetrachloroethene
Concen: 88.713 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

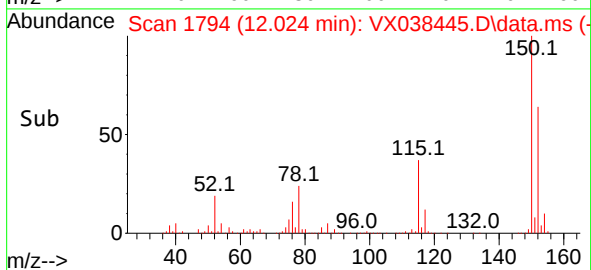
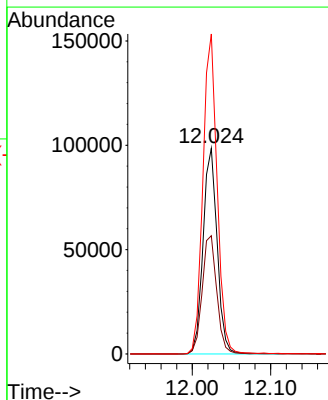
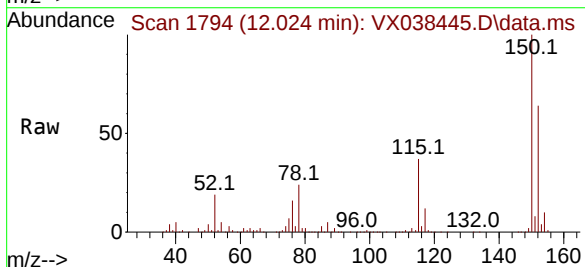
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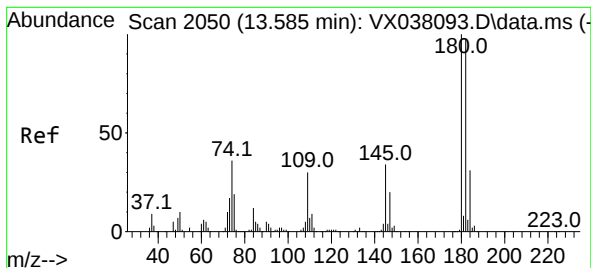
Tgt Ion:164 Resp: 139118
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 99.2 80.4 120.6
131 93.8 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038445.D
Acq: 23 Oct 2023 20:06

Tgt Ion:152 Resp: 123010
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 157.2 0.0 345.0





#93

1,2,4-Trichlorobenzene

Concen: 3.340 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038445.D

Acq: 23 Oct 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

BRIDAL-SHOP-BAY-SUMP

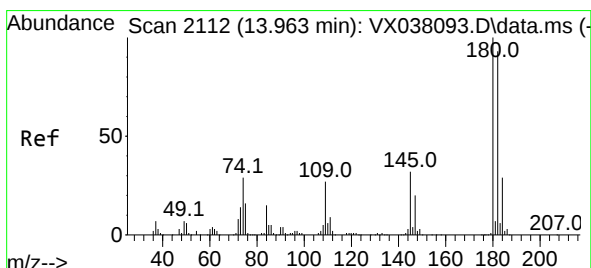
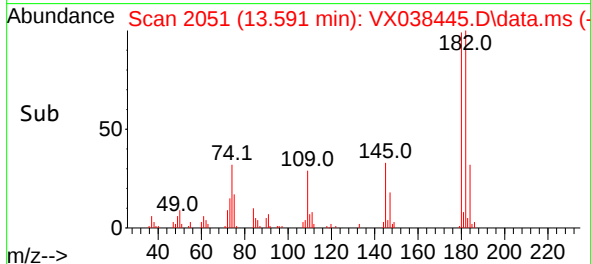
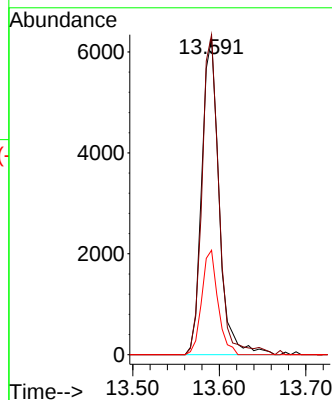
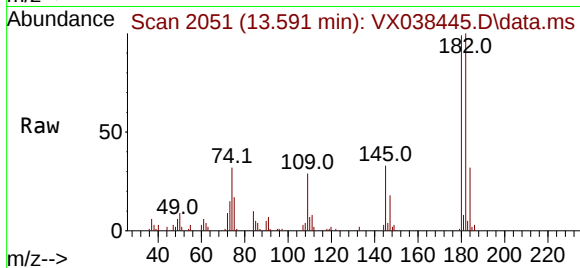
Tgt Ion:180 Resp: 8712

Ion Ratio Lower Upper

180 100

182 98.6 48.3 144.8

145 30.9 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.874 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038445.D

Acq: 23 Oct 2023 20:06

Tgt Ion:180 Resp: 2207

Ion Ratio Lower Upper

180 100

182 82.8 46.9 140.6

145 27.5 17.8 53.5

