

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042092.D
 Acq On : 28 Jun 2024 17:48
 Operator : JC/MD
 Sample : P3127-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB196-HYD-20240624

Quant Time: Jun 29 04:22:57 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)

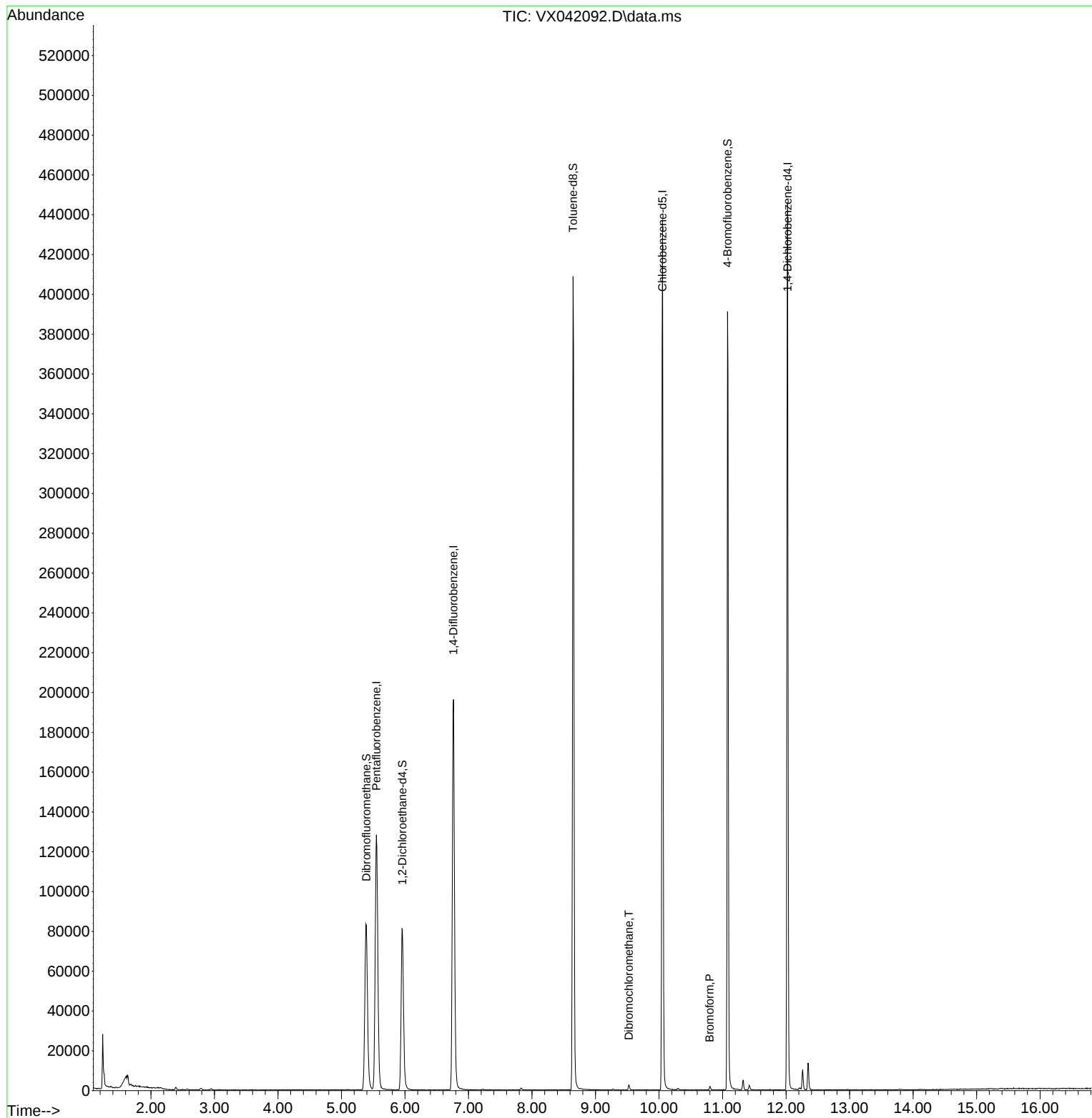
Internal Standards						
1) Pentafluorobenzene	5.550	168	144628	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76079	45.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.240%
35) Dibromofluoromethane	5.391	113	74845	47.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.647	98	255081	46.186	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.380%
62) 4-Bromofluorobenzene	11.079	95	103282	50.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.460%
Target Compounds						
60) Dibromochloromethane	9.525	129	1461	0.901	ug/l	95
71) Bromoform	10.799	173	941	1.503	ug/l	# 98

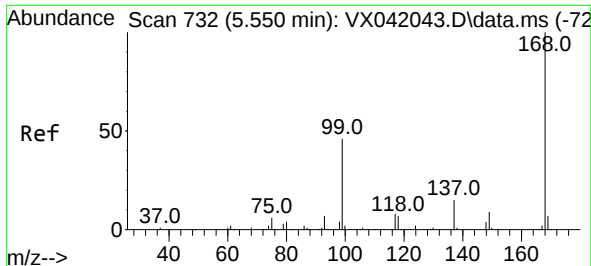
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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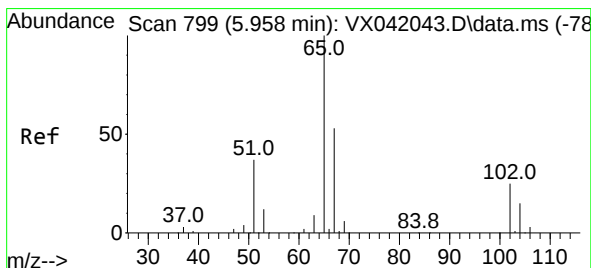
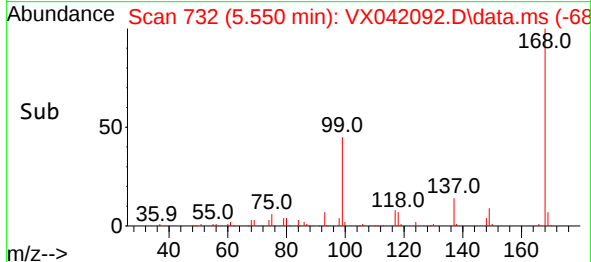
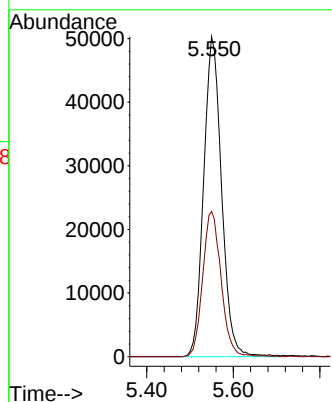
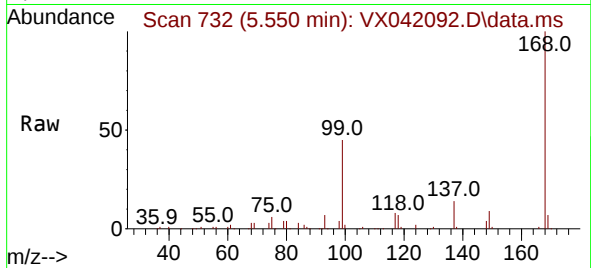




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042092.D
Acq: 28 Jun 2024 17:48

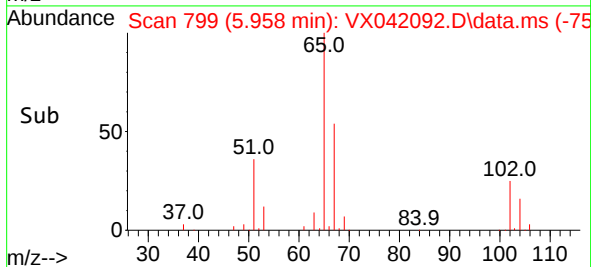
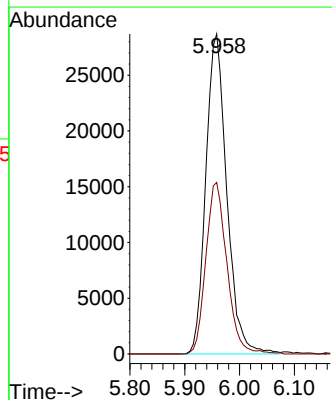
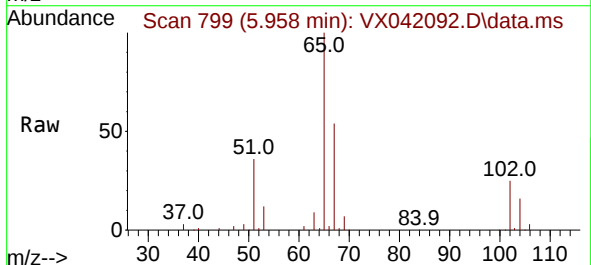
Instrument :
MSVOA_X
ClientSampleId :
VPB196-HYD-20240624

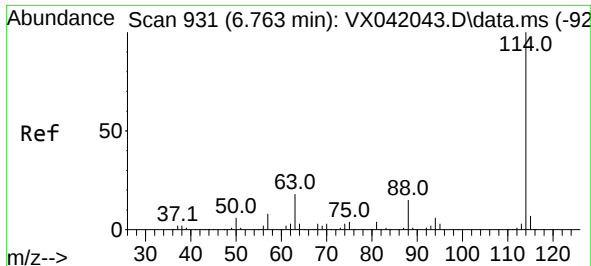
Tgt Ion:168 Resp: 144628
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 45.618 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042092.D
Acq: 28 Jun 2024 17:48

Tgt Ion: 65 Resp: 76079
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.2

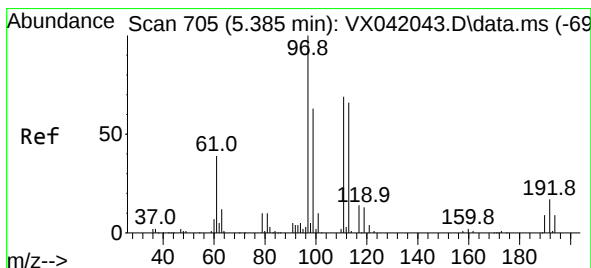
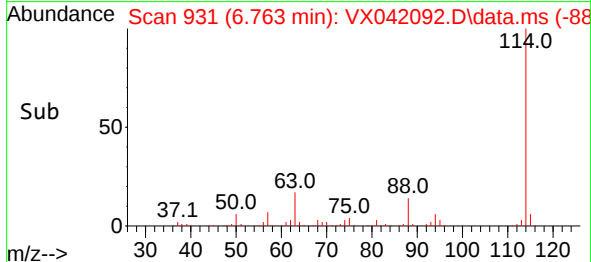
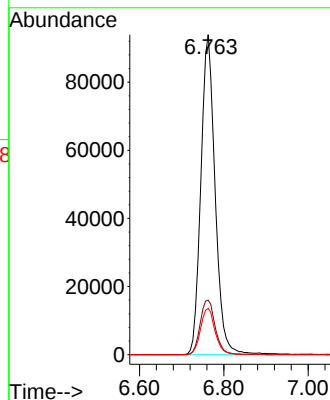
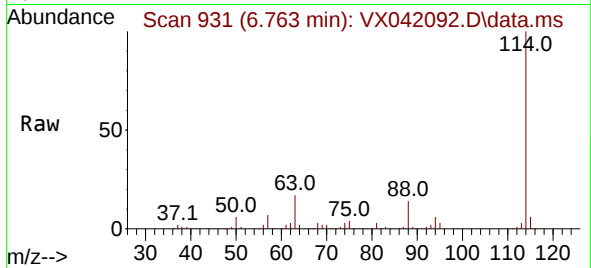




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042092.D
Acq: 28 Jun 2024 17:48

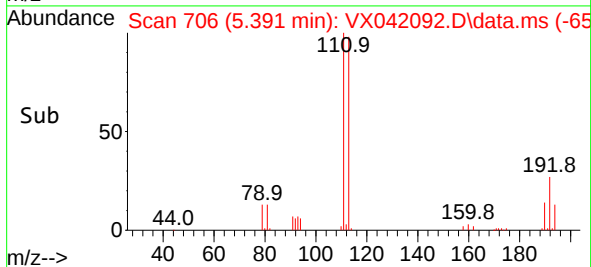
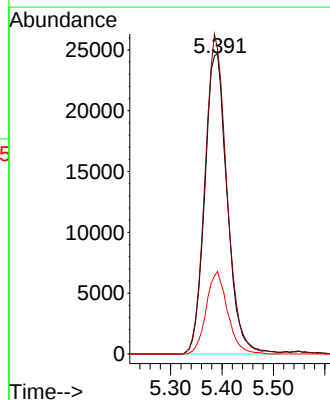
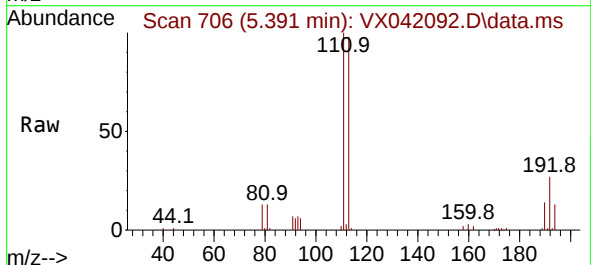
Instrument :
MSVOA_X
ClientSampleId :
VPB196-HYD-20240624

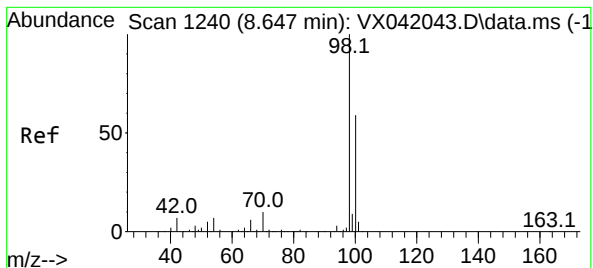
Tgt Ion:114 Resp: 221565
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042092.D
Acq: 28 Jun 2024 17:48

Tgt Ion:113 Resp: 74845
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 26.1 13.3 19.9#





#50

Toluene-d8

Concen: 46.186 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042092.D

Acq: 28 Jun 2024 17:48

Instrument :

MSVOA_X

ClientSampleId :

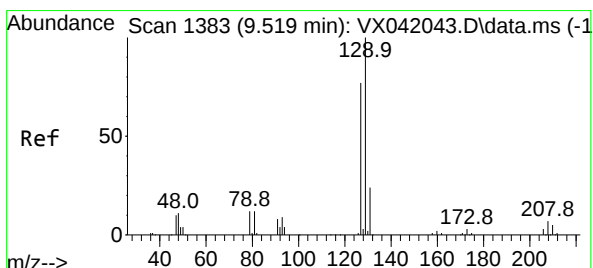
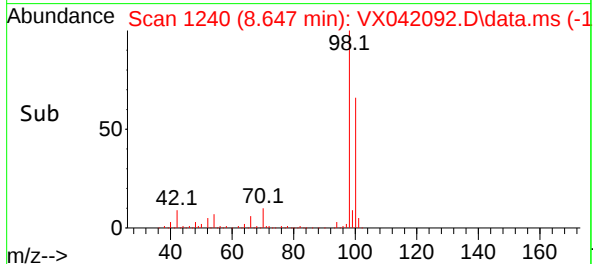
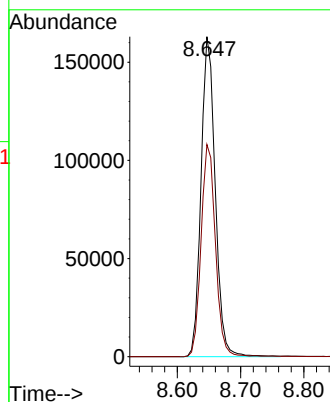
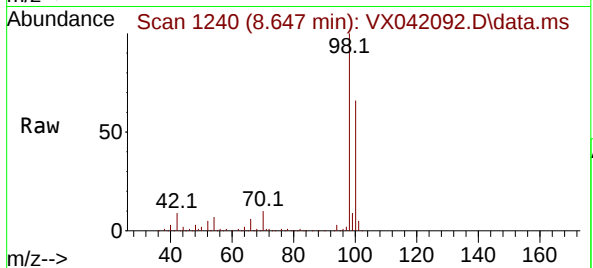
VPB196-HYD-20240624

Tgt Ion: 98 Resp: 255081

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7



#60

Dibromochloromethane

Concen: 0.901 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX042092.D

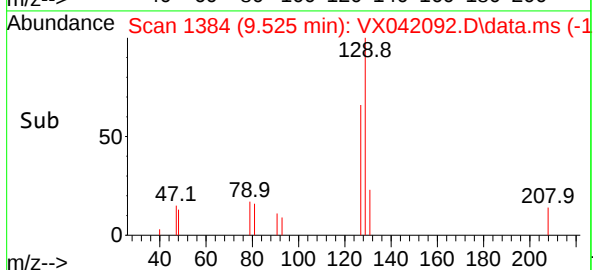
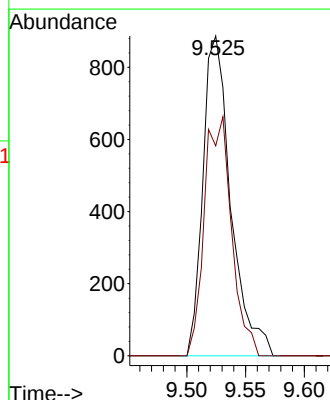
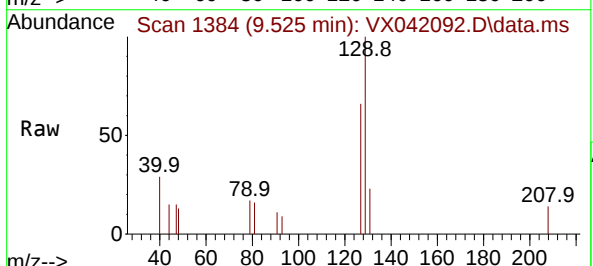
Acq: 28 Jun 2024 17:48

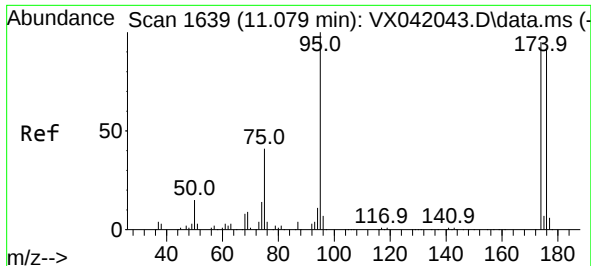
Tgt Ion: 129 Resp: 1461

Ion Ratio Lower Upper

129 100

127 72.9 38.8 116.4

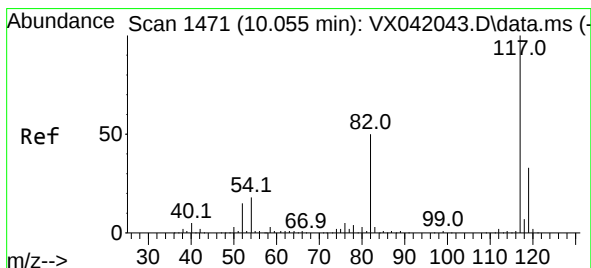
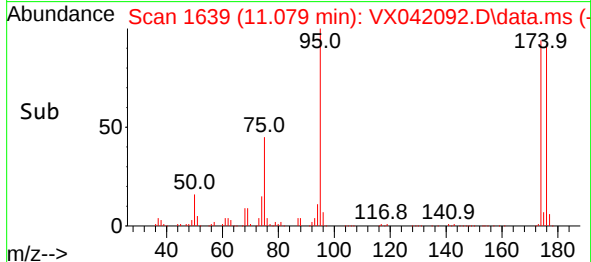
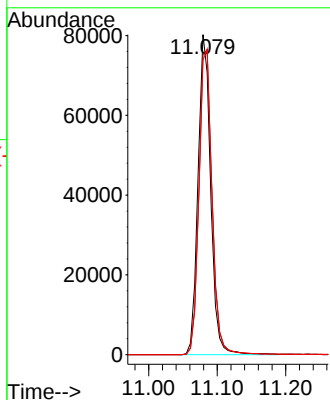
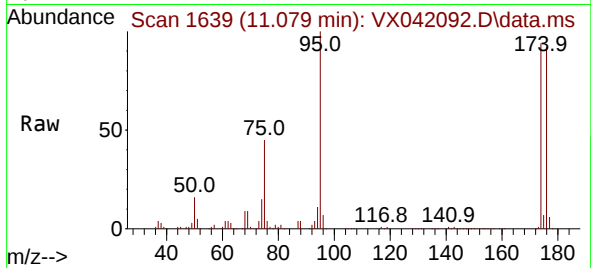




#62
4-Bromofluorobenzene
Concen: 50.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042092.D
Acq: 28 Jun 2024 17:48

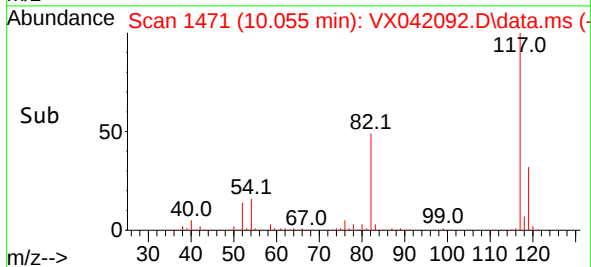
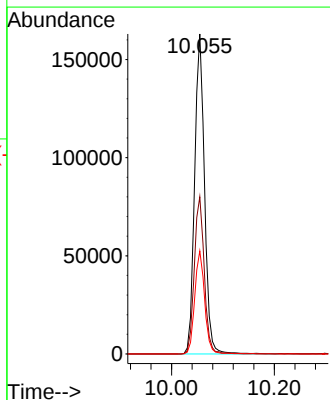
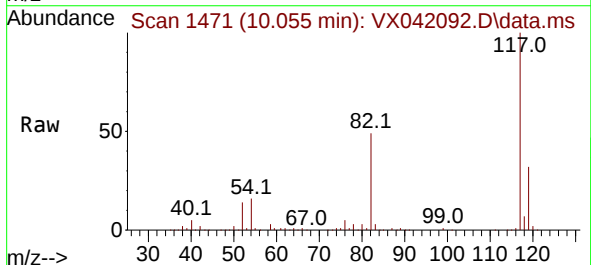
Instrument :
MSVOA_X
ClientSampleId :
VPB196-HYD-20240624

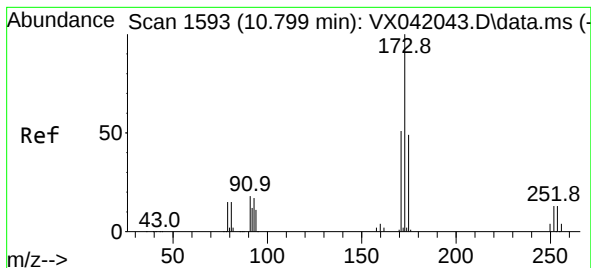
Tgt Ion: 95 Resp: 103282
Ion Ratio Lower Upper
95 100
174 99.7 0.0 135.6
176 98.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042092.D
Acq: 28 Jun 2024 17:48

Tgt Ion: 117 Resp: 218723
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 32.2 25.5 38.3





#71

Bromoform

Concen: 1.503 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042092.D

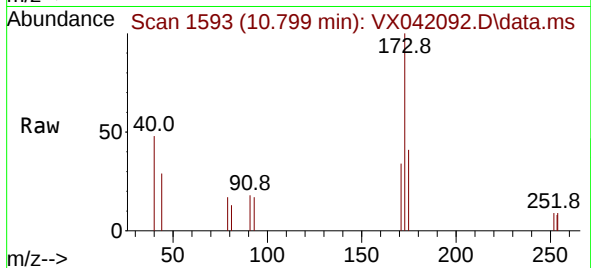
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Instrument :

MSVOA_X

ClientSampleId :

VPB196-HYD-20240624



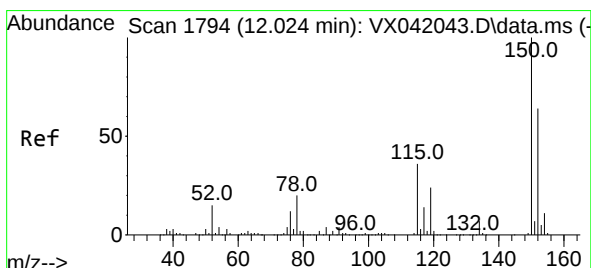
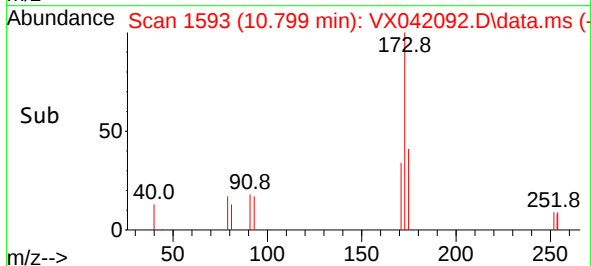
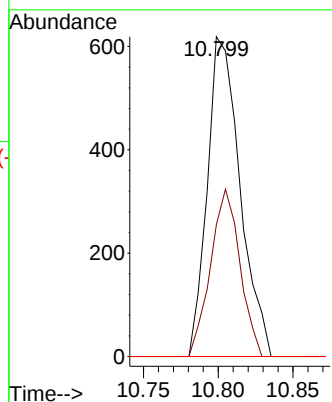
Tgt Ion:173 Resp: 941

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX042092.D

Acq: 28 Jun 2024 17:48

Tgt Ion:152 Resp: 108922

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 156.8 0.0 345.0

