

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042097.D
 Acq On : 28 Jun 2024 19:45
 Operator : JC/MD
 Sample : P3128-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-DUP-20240627

Quant Time: Jun 29 04:24:57 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)

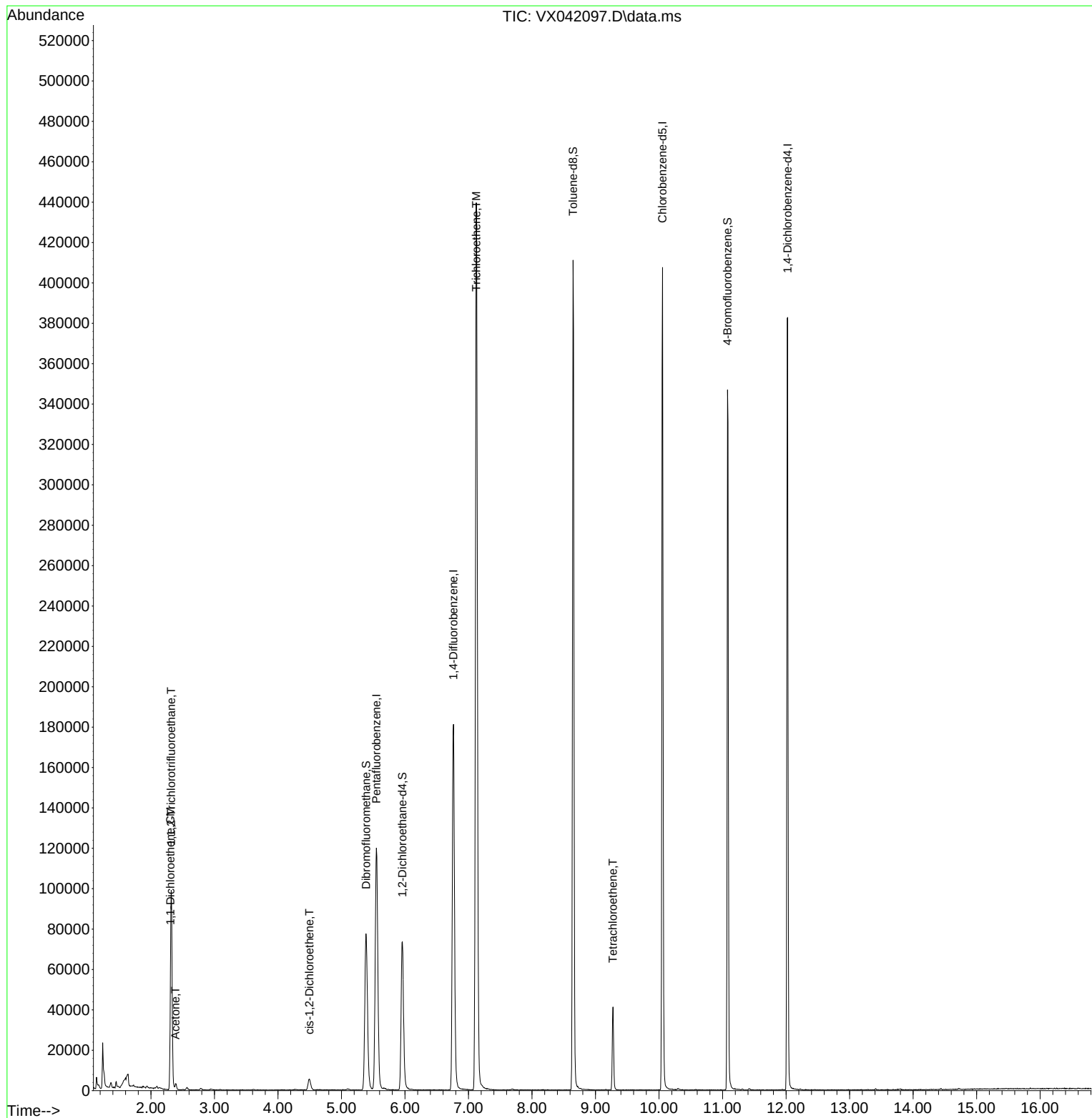
Internal Standards						
1) Pentafluorobenzene	5.550	168	136319	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71373	45.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.800%
35) Dibromofluoromethane	5.385	113	70243	47.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	257501	49.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	94091	49.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	38442	32.614	ug/l	# 84
12) 1,1-Dichloroethene	2.306	96	1092	0.929	ug/l	81
16) Acetone	2.386	43	2452	3.552	ug/l	# 87
27) cis-1,2-Dichloroethene	4.495	96	4404	2.947	ug/l	73
44) Trichloroethene	7.123	130	192465	135.711	ug/l	87
64) Tetrachloroethene	9.275	164	9251	6.160	ug/l	# 87

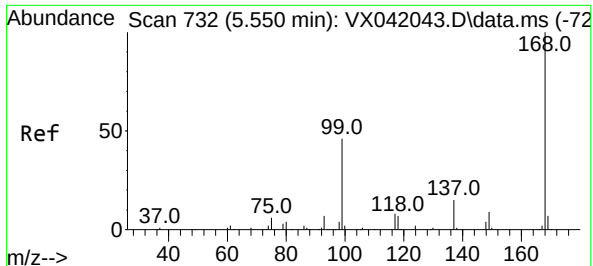
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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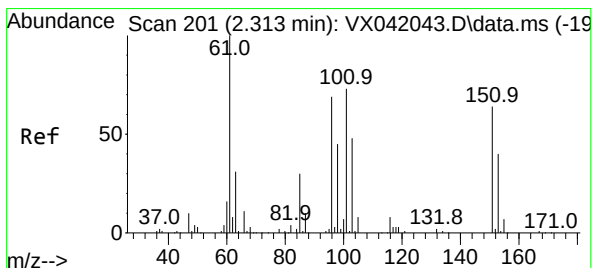
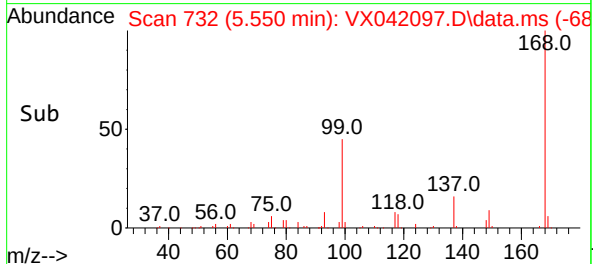
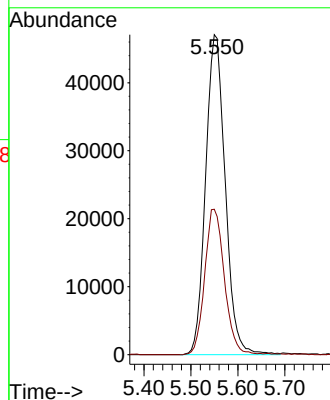
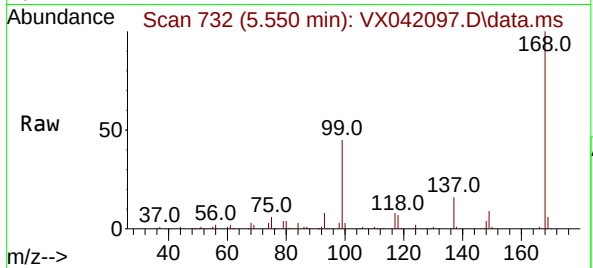




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

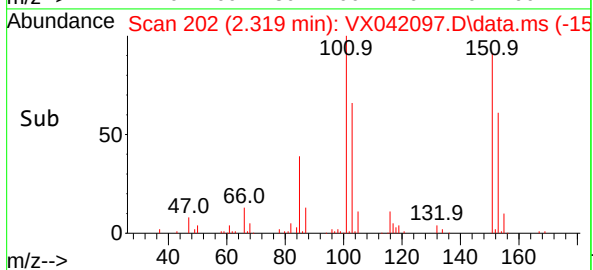
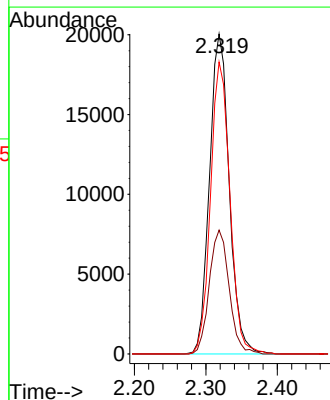
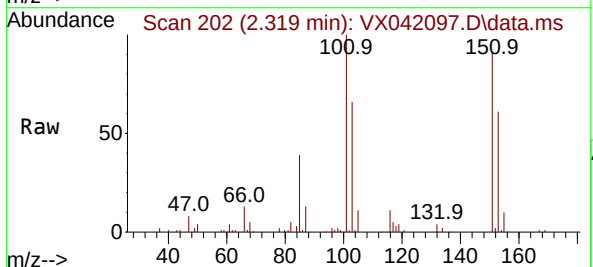
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-DUP-20240627

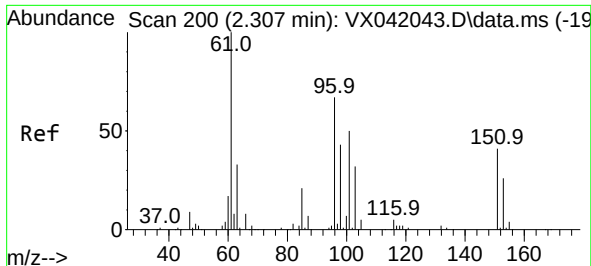
Tgt Ion:168 Resp: 136319
Ion Ratio Lower Upper
168 100
99 45.5 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.614 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

Tgt Ion:101 Resp: 38442
Ion Ratio Lower Upper
101 100
85 39.0 37.0 55.6
151 89.6 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 0.929 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX042097.D

Acq: 28 Jun 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-DUP-20240627

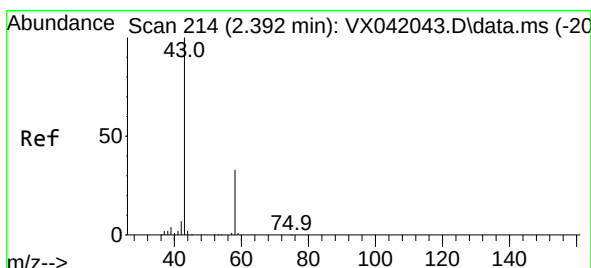
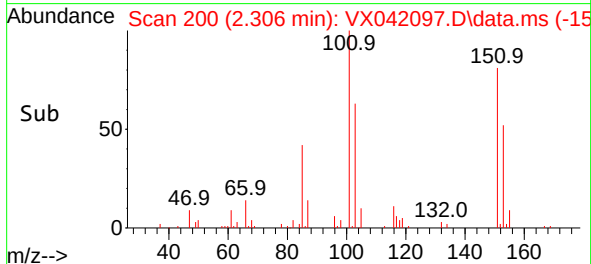
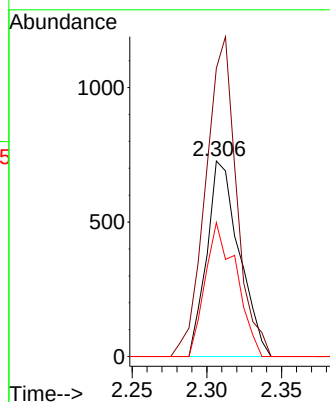
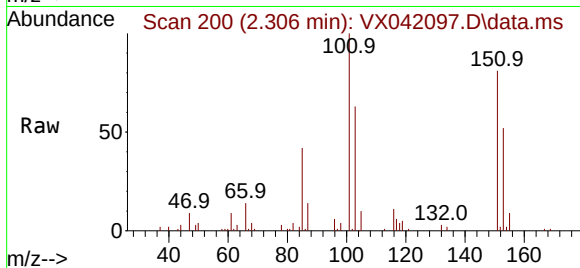
Tgt Ion: 96 Resp: 1092

Ion Ratio Lower Upper

96 100

61 147.5 144.6 216.8

98 68.5 50.4 75.6



#16

Acetone

Concen: 3.552 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042097.D

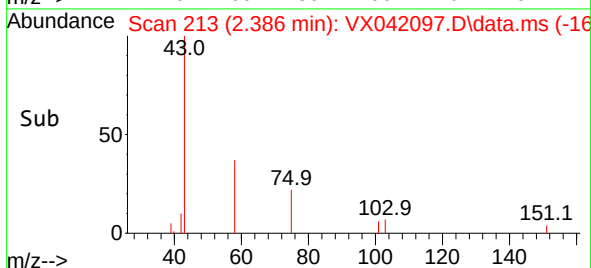
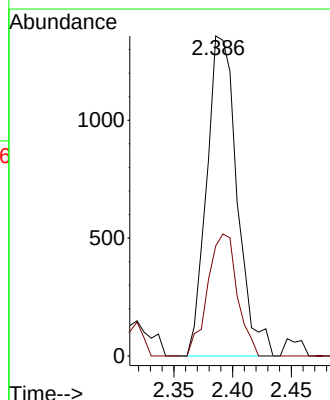
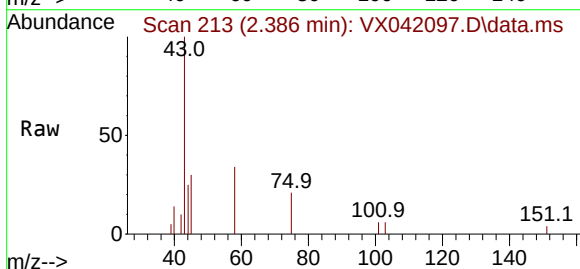
Acq: 28 Jun 2024 19:45

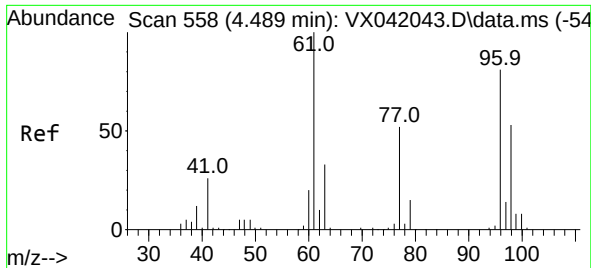
Tgt Ion: 43 Resp: 2452

Ion Ratio Lower Upper

43 100

58 34.4 21.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 2.947 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX042097.D

Acq: 28 Jun 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-DUP-20240627

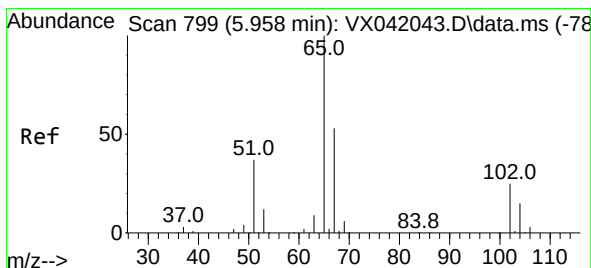
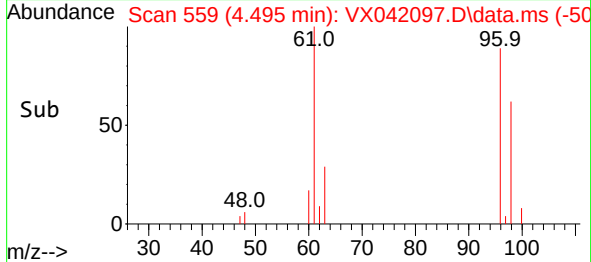
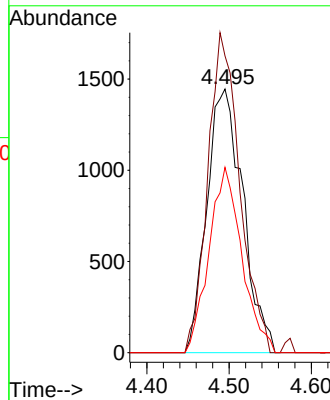
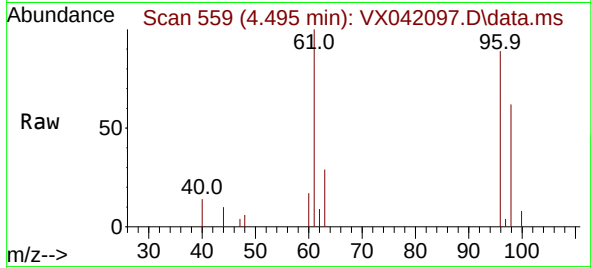
Tgt Ion: 96 Resp: 4404

Ion Ratio Lower Upper

96 100

61 107.6 0.0 312.2

98 64.0 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 45.405 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042097.D

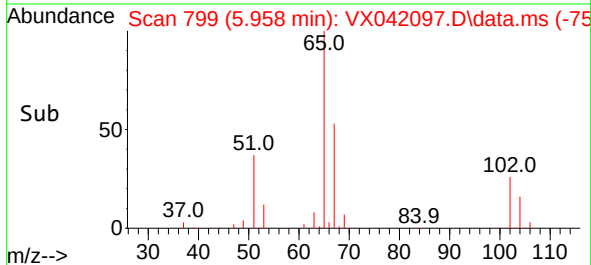
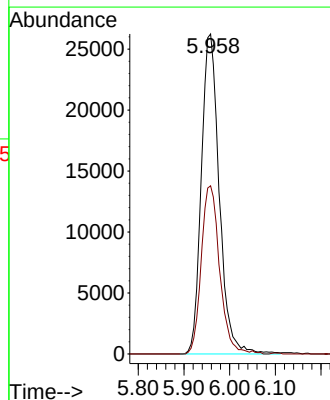
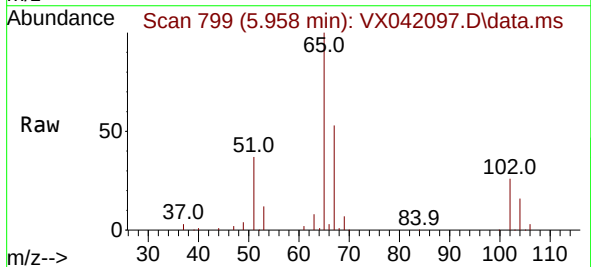
Acq: 28 Jun 2024 19:45

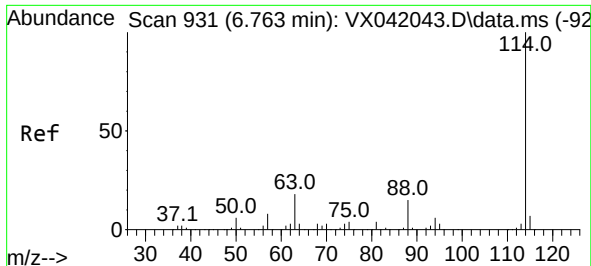
Tgt Ion: 65 Resp: 71373

Ion Ratio Lower Upper

65 100

67 53.9 0.0 100.2

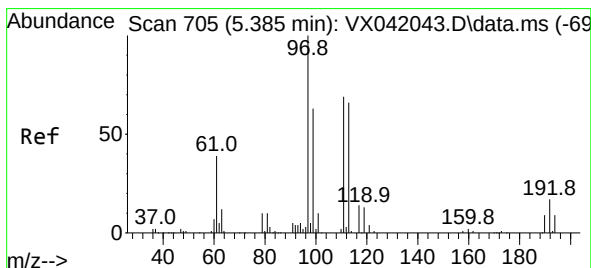
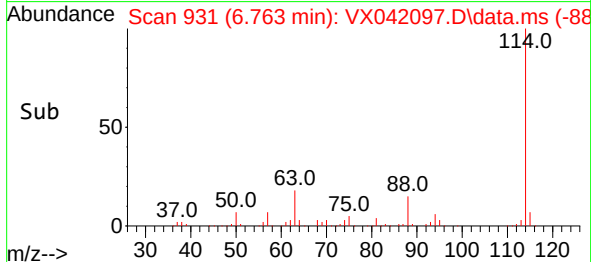
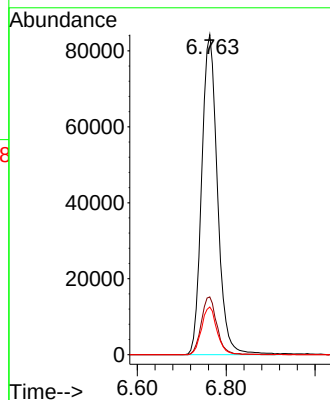
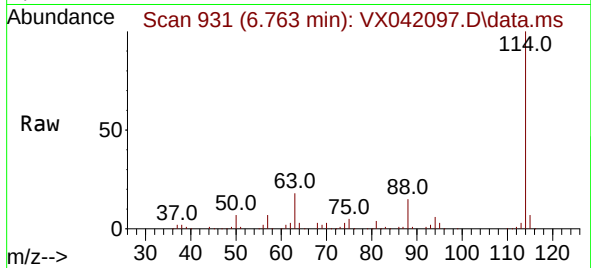




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

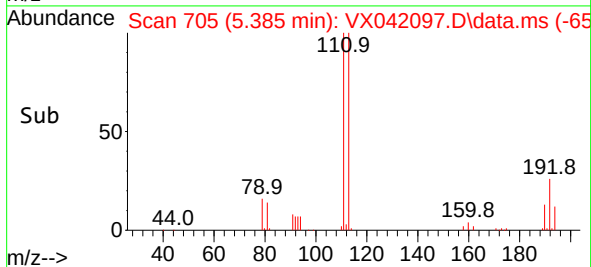
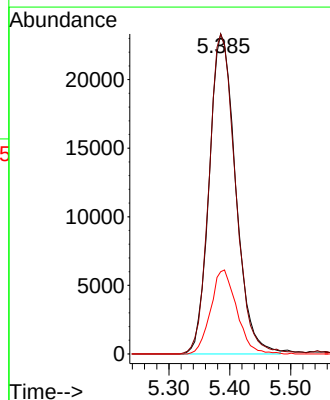
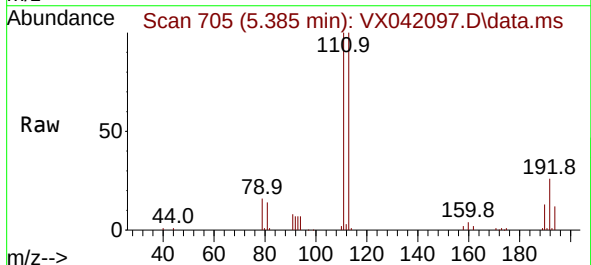
Instrument :
MSVOA_X
ClientSampleId :
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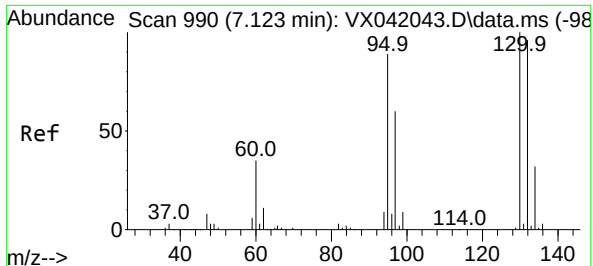
Tgt Ion:114 Resp: 208201
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

Tgt Ion:113 Resp: 70243
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 25.8 13.3 19.9#

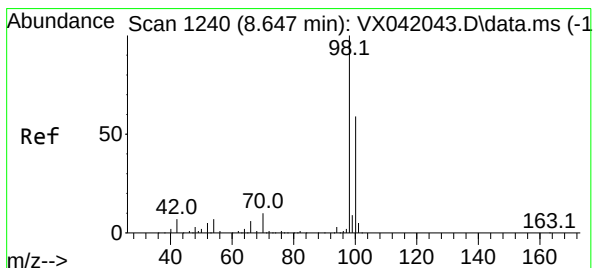
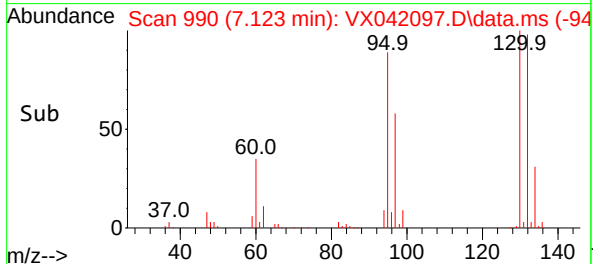
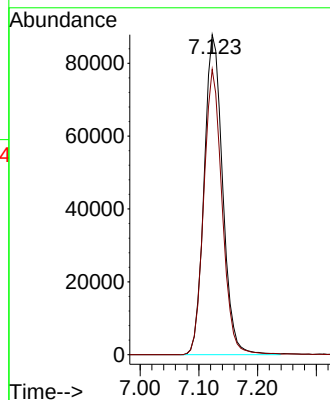
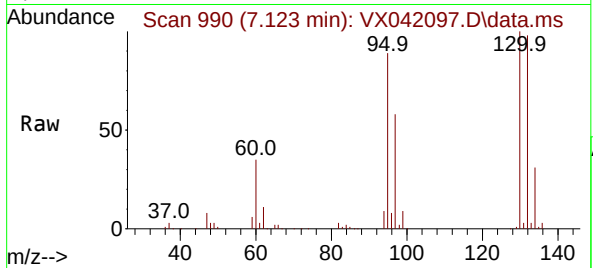




#44
 Trichloroethene
 Concen: 135.711 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.006 min
 Lab File: VX042097.D
 Acq: 28 Jun 2024 19:45

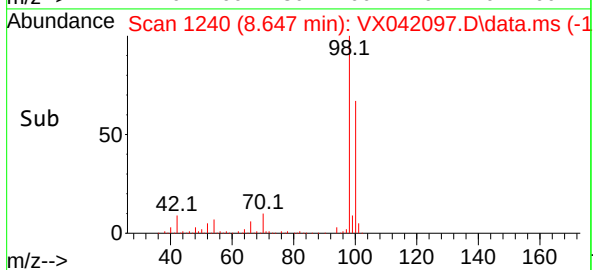
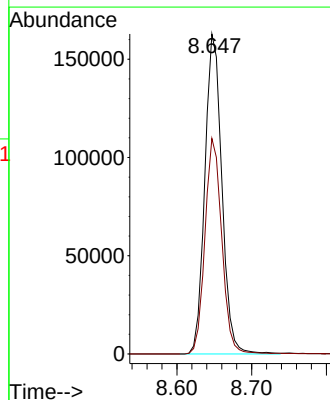
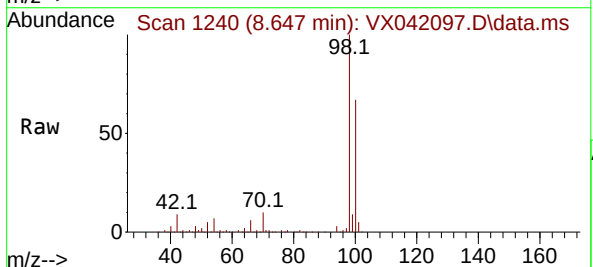
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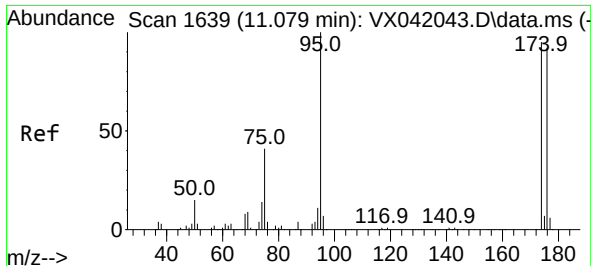
Tgt Ion:130 Resp: 192465
 Ion Ratio Lower Upper
 130 100
 95 89.1 0.0 204.4



#50
 Toluene-d8
 Concen: 49.616 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX042097.D
 Acq: 28 Jun 2024 19:45

Tgt Ion: 98 Resp: 257501
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.1 79.7

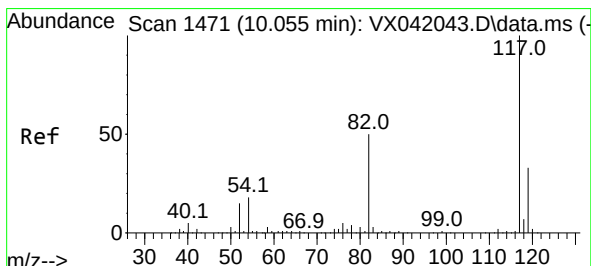
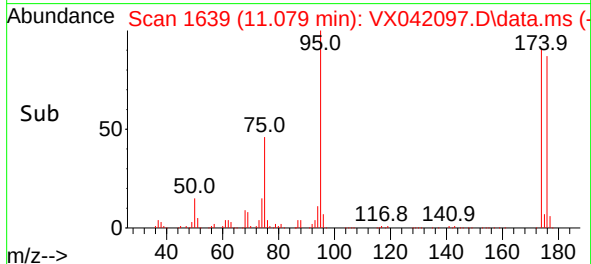
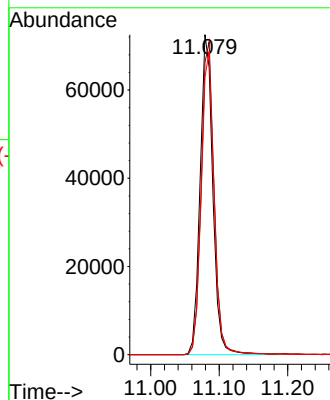
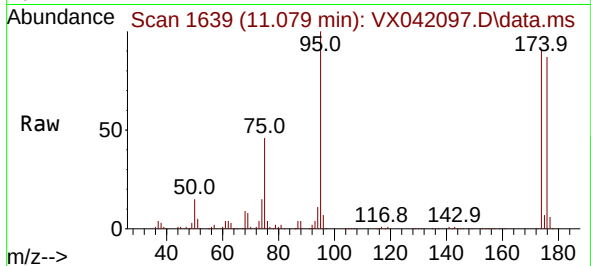




#62
4-Bromofluorobenzene
Concen: 49.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

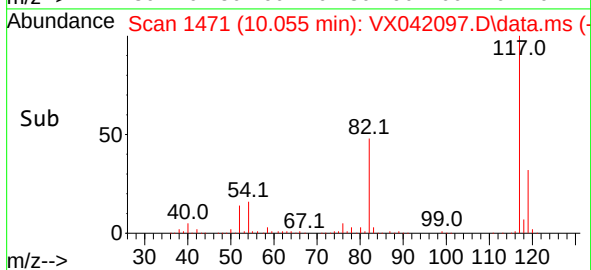
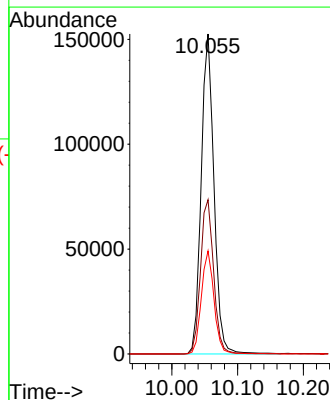
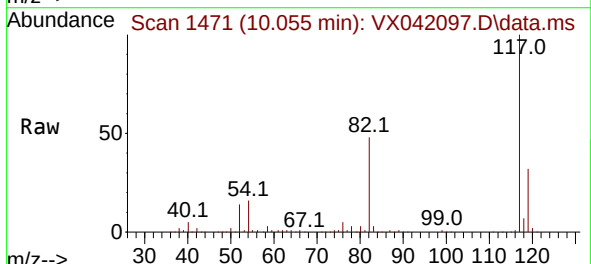
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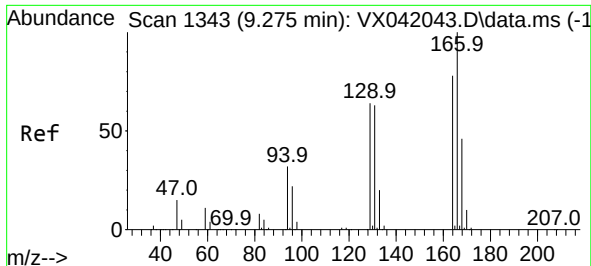
Tgt Ion: 95 Resp: 94091
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 95.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

Tgt Ion: 117 Resp: 206250
Ion Ratio Lower Upper
117 100
82 48.2 46.2 69.4
119 32.2 25.5 38.3

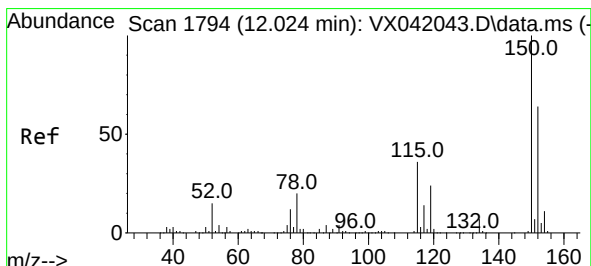
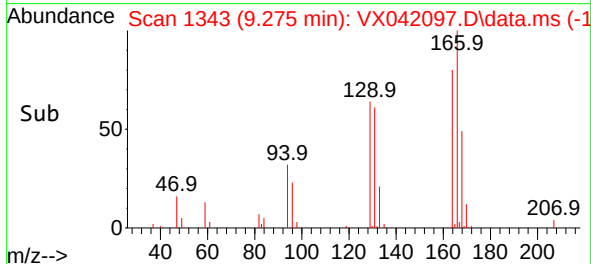
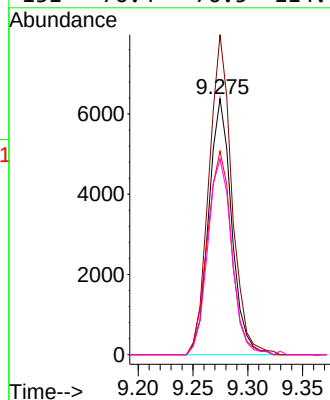
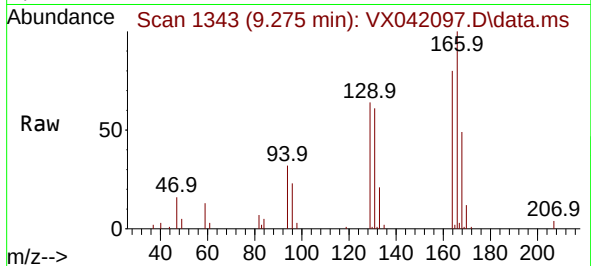




#64
Tetrachloroethene
Concen: 6.160 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042097.D
Acq: 28 Jun 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-DUP-20240627

Tgt Ion:164 Resp: 9251
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 79.5 80.4 120.6#
131 76.4 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: VX042097.D
Acq: 28 Jun 2024 19:45

Tgt Ion:152 Resp: 95675
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 156.3 0.0 345.0

