

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042098.D
 Acq On : 28 Jun 2024 20:09
 Operator : JC/MD
 Sample : P3128-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-658-660

Quant Time: Jun 29 04:25:28 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)

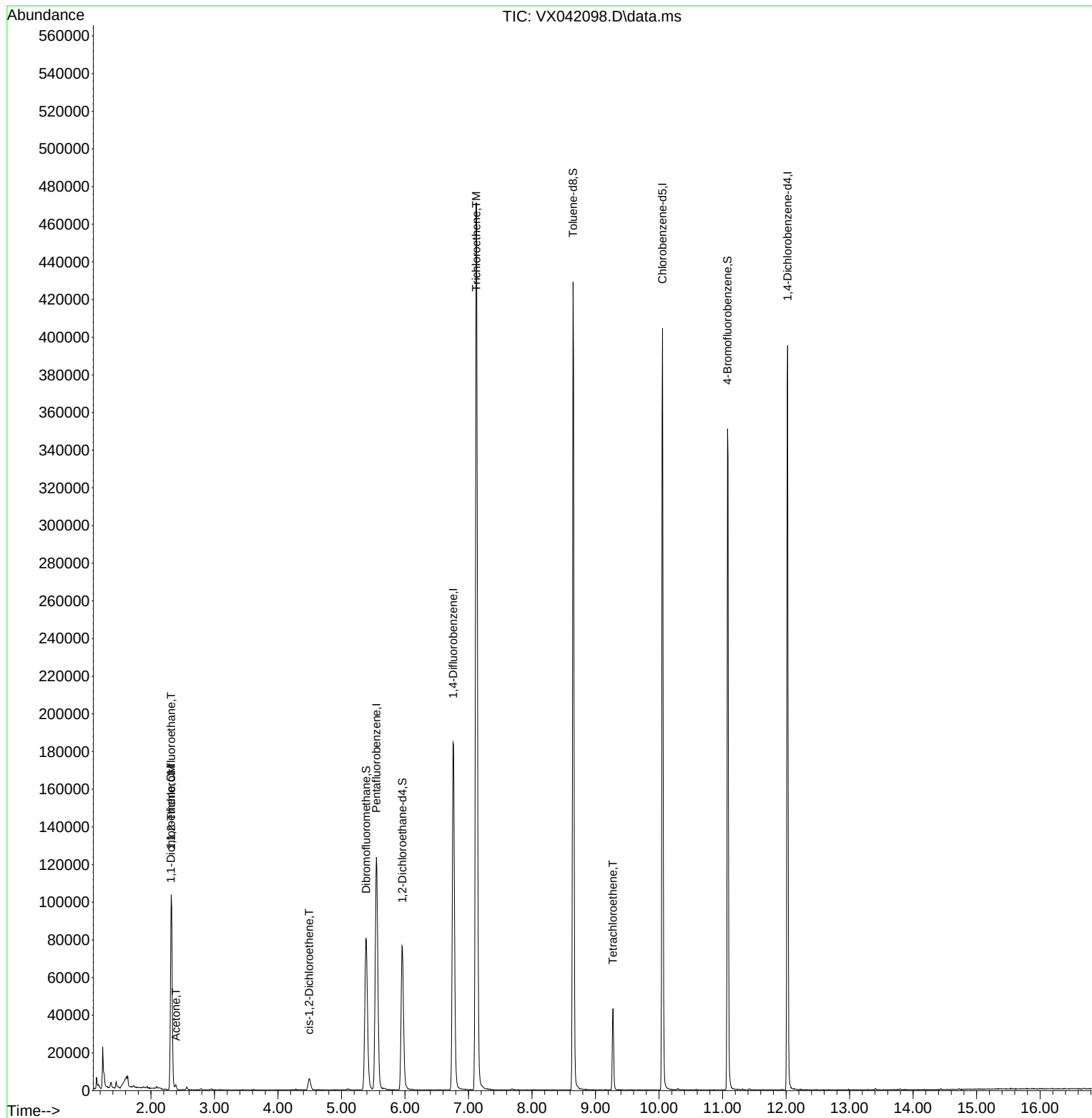
Internal Standards						
1) Pentafluorobenzene	5.550	168	138687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	211469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73674	46.068	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.140%
35) Dibromofluoromethane	5.385	113	71892	47.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	8.647	98	263476	49.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	96321	49.570	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.140%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.318	101	40183	33.509	ug/l	# 84
12) 1,1-Dichloroethene	2.312	96	1245	1.041	ug/l	# 75
16) Acetone	2.392	43	2239	3.188	ug/l	# 79
27) cis-1,2-Dichloroethene	4.489	96	4533	2.981	ug/l	79
44) Trichloroethene	7.122	130	205484	142.651	ug/l	87
64) Tetrachloroethene	9.274	164	9565	6.387	ug/l	87

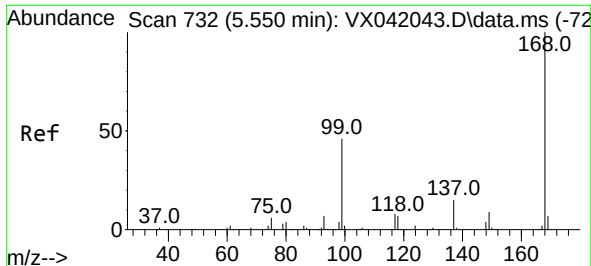
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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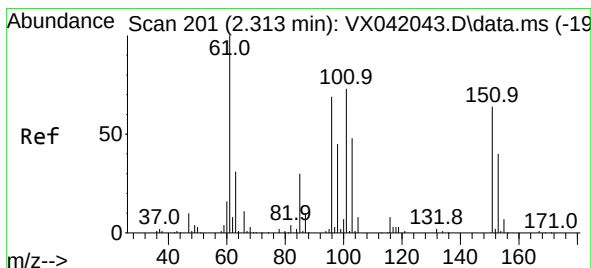
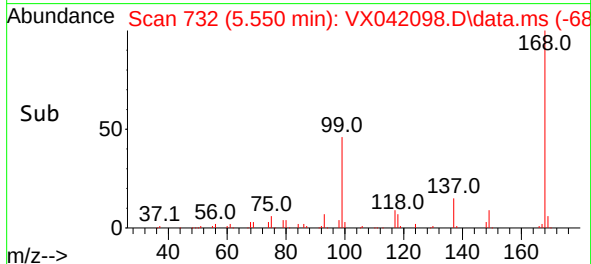
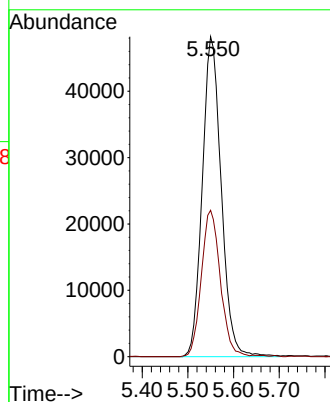
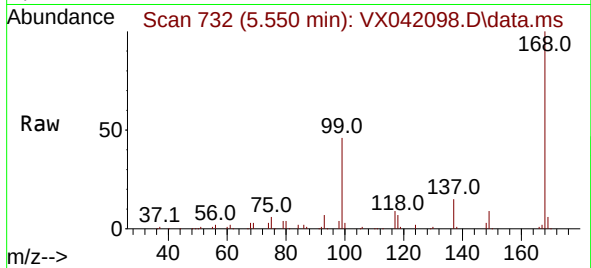




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

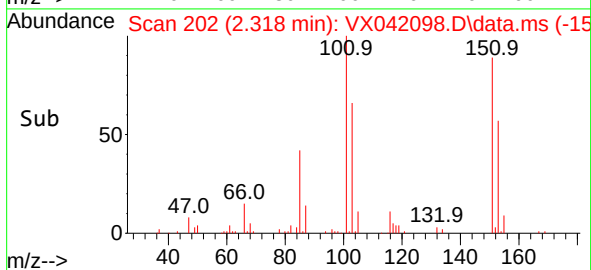
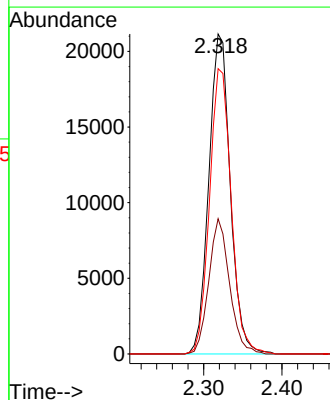
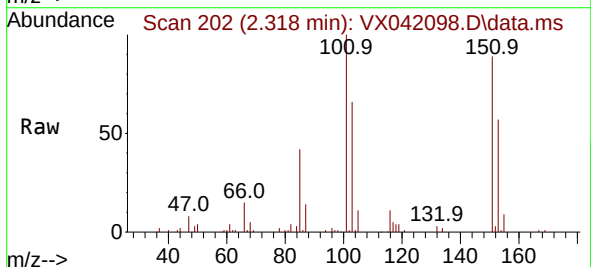
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-658-660

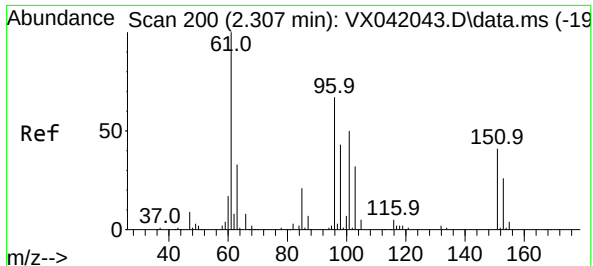
Tgt Ion:168 Resp: 138687
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.509 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

Tgt Ion:101 Resp: 40183
Ion Ratio Lower Upper
101 100
85 41.0 37.0 55.6
151 90.3 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 1.041 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX042098.D

Acq: 28 Jun 2024 20:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-658-660

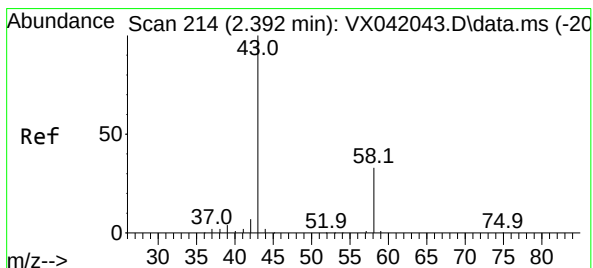
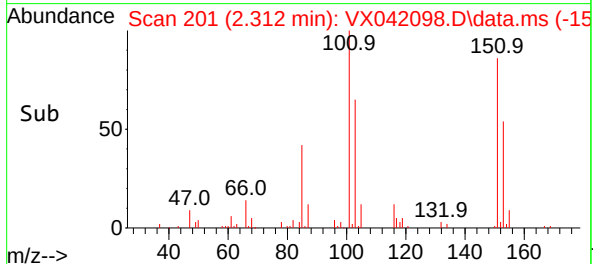
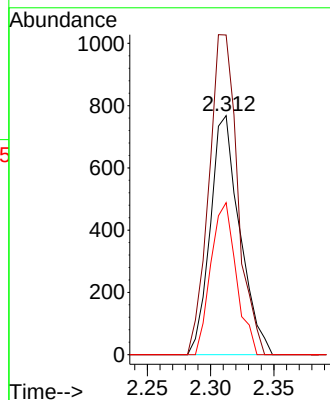
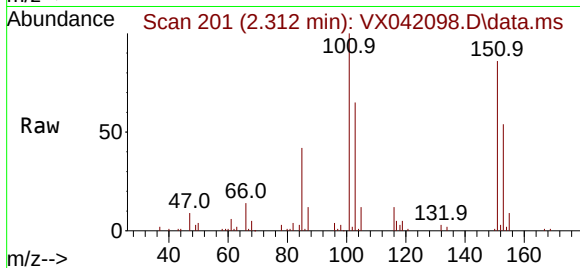
Tgt Ion: 96 Resp: 1245

Ion Ratio Lower Upper

96 100

61 133.7 144.6 216.8#

98 63.5 50.4 75.6



#16

Acetone

Concen: 3.188 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042098.D

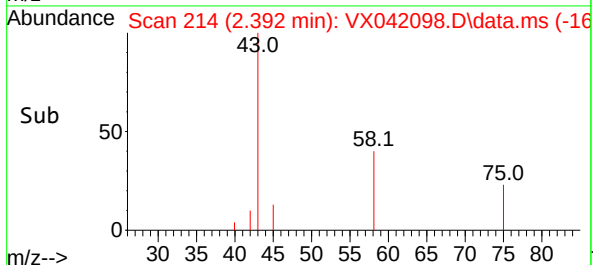
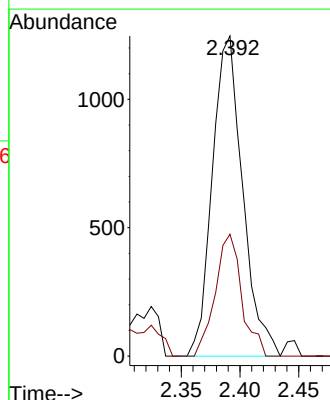
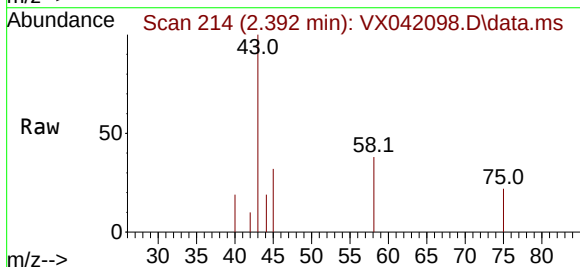
Acq: 28 Jun 2024 20:09

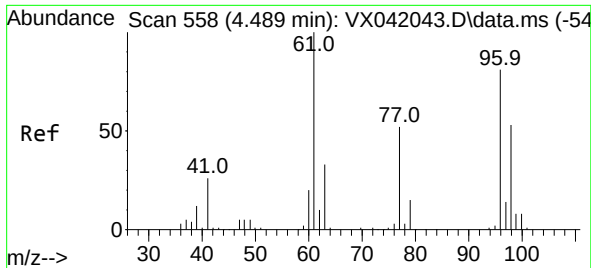
Tgt Ion: 43 Resp: 2239

Ion Ratio Lower Upper

43 100

58 38.1 21.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 2.981 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX042098.D

Acq: 28 Jun 2024 20:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-658-660

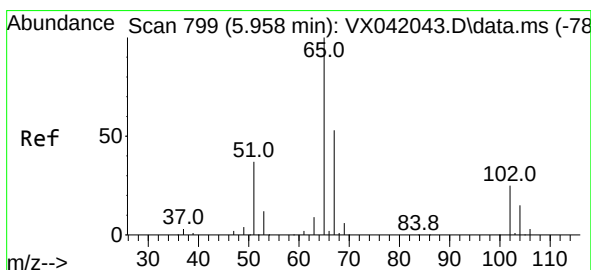
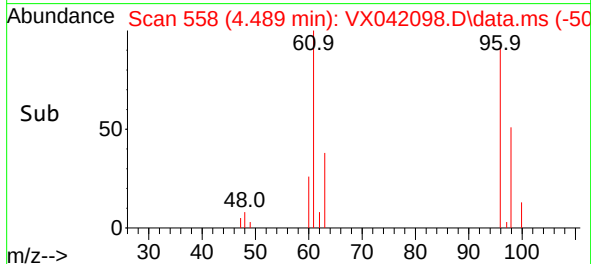
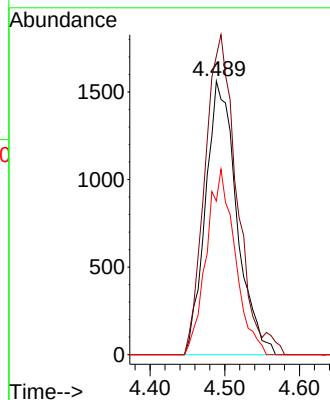
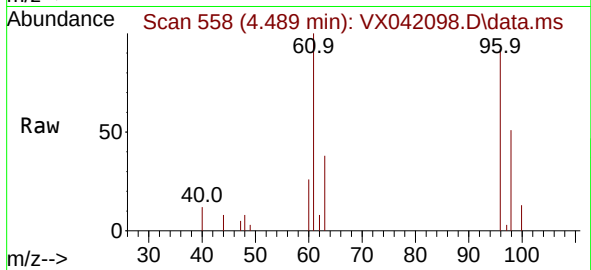
Tgt Ion: 96 Resp: 4533

Ion Ratio Lower Upper

96 100

61 119.8 0.0 312.2

98 62.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 46.068 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042098.D

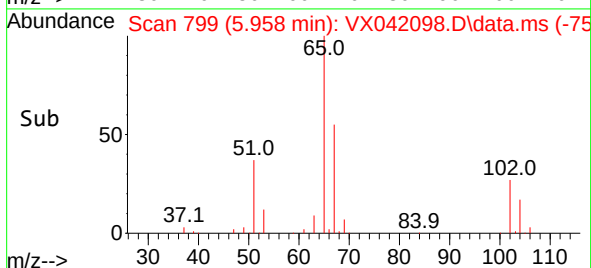
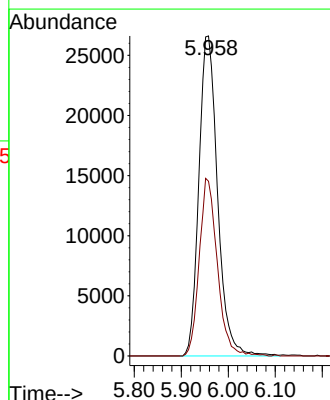
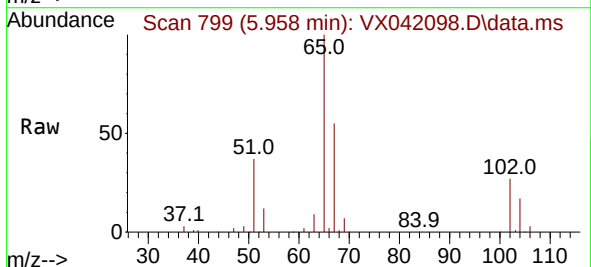
Acq: 28 Jun 2024 20:09

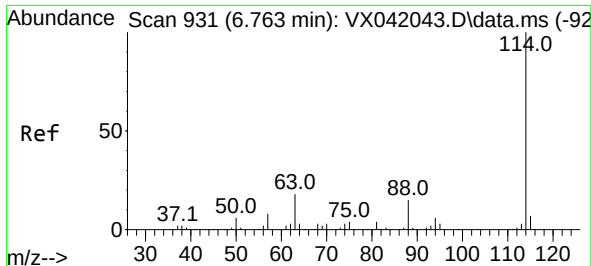
Tgt Ion: 65 Resp: 73674

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2

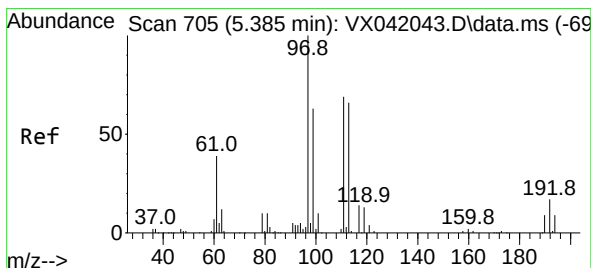
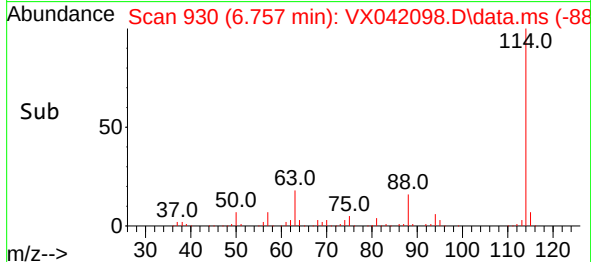
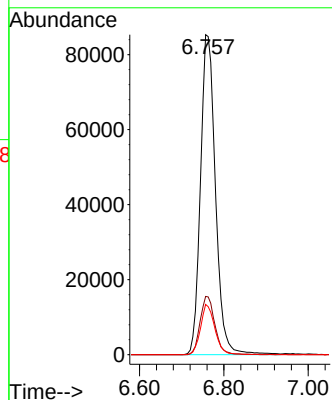
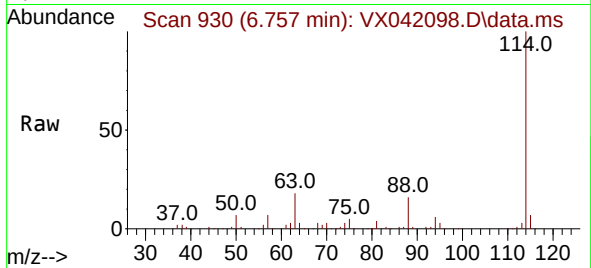




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

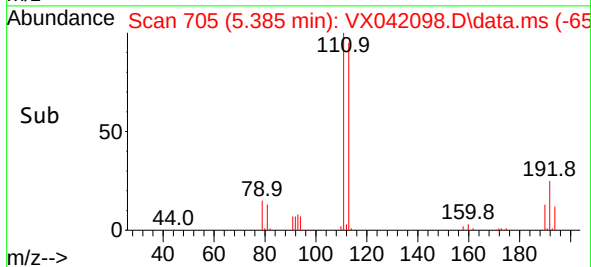
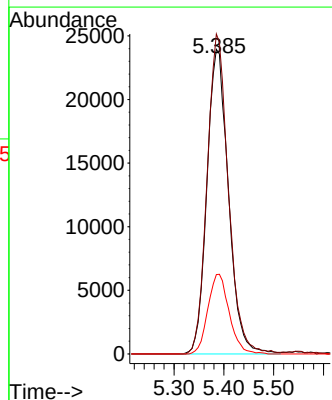
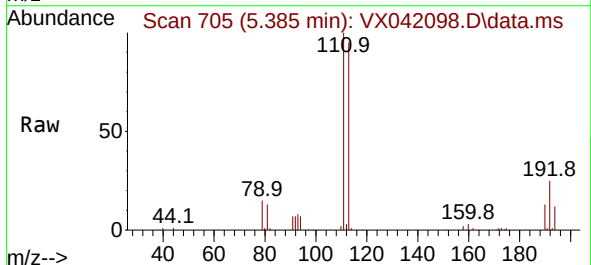
Instrument :
MSVOA_X
ClientSampleId :
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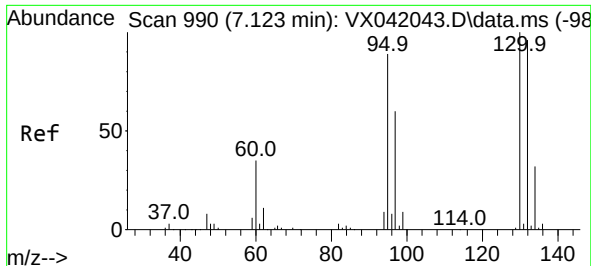
Tgt Ion:114 Resp: 211469
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.913 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

Tgt Ion:113 Resp: 71892
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 25.9 13.3 19.9#

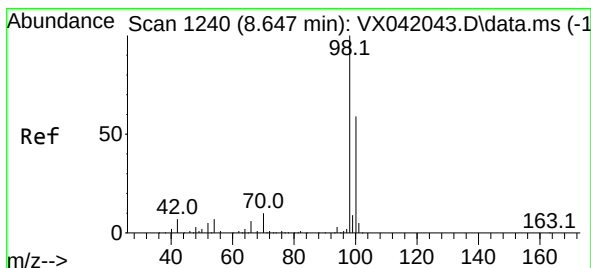
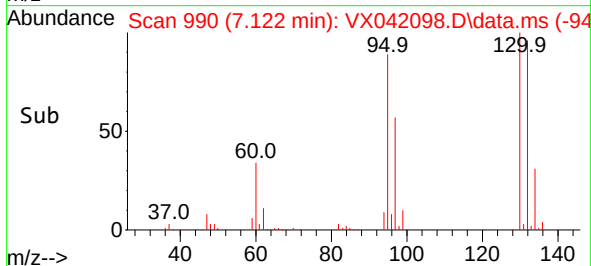
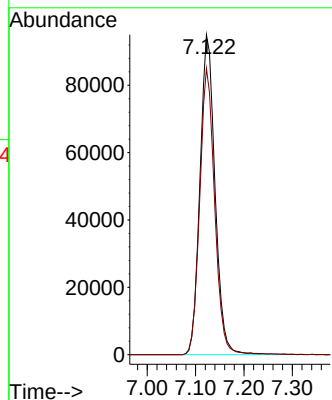
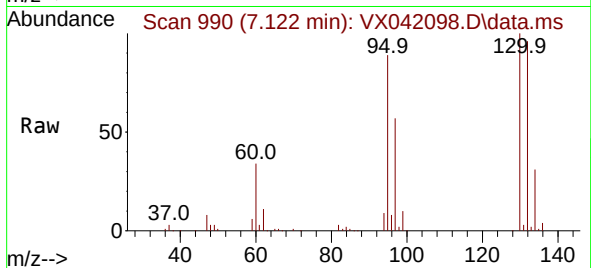




#44
Trichloroethene
Concen: 142.651 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

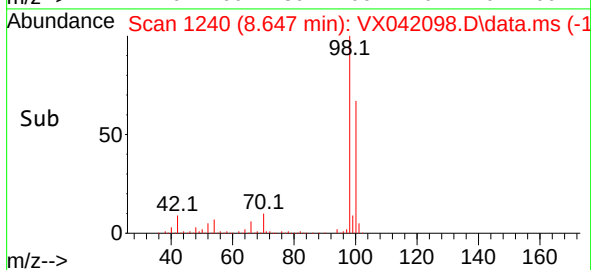
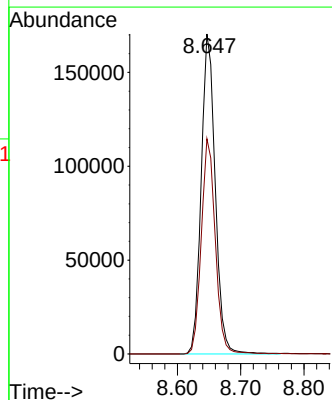
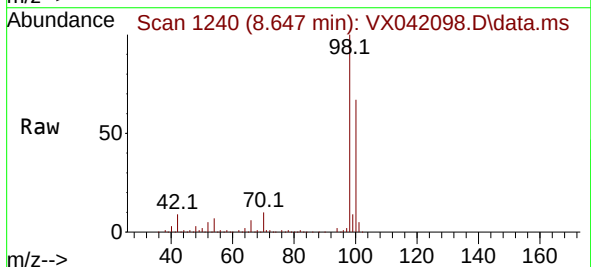
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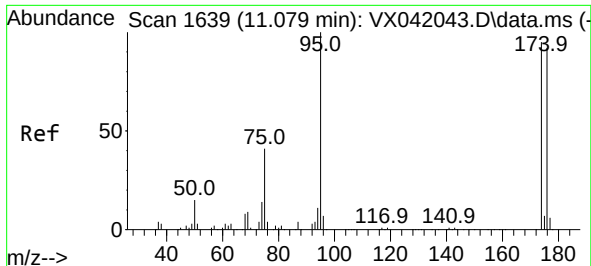
Tgt Ion:130 Resp: 205484
Ion Ratio Lower Upper
130 100
95 89.4 0.0 204.4



#50
Toluene-d8
Concen: 49.983 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

Tgt Ion: 98 Resp: 263476
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

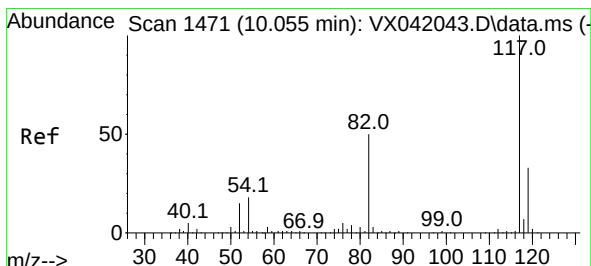
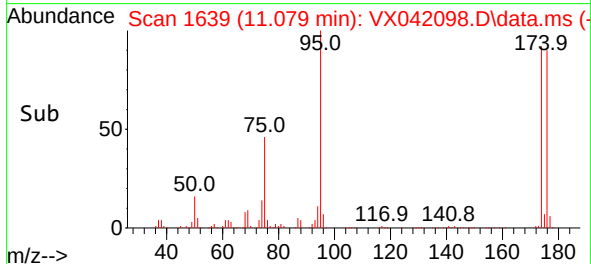
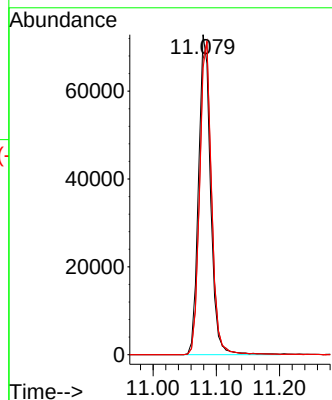
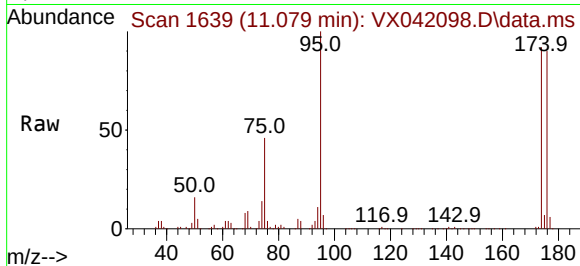




#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

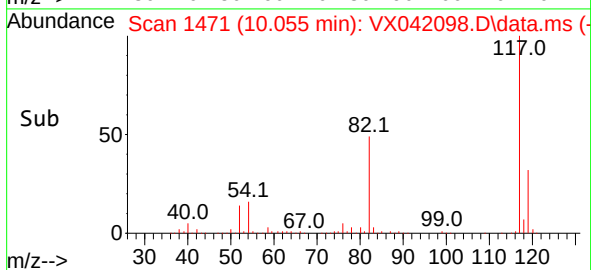
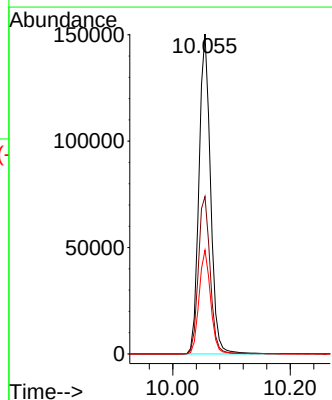
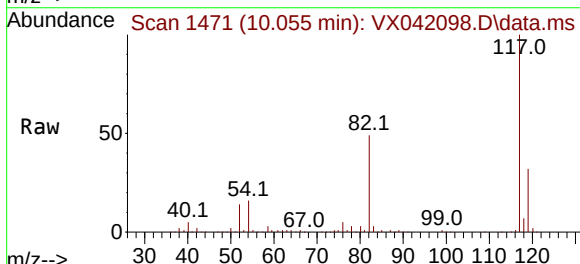
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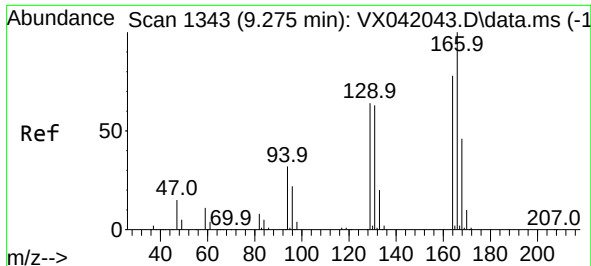
Tgt Ion: 95 Resp: 96321
Ion Ratio Lower Upper
95 100
174 98.0 0.0 135.6
176 97.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

Tgt Ion: 117 Resp: 205690
Ion Ratio Lower Upper
117 100
82 49.2 46.2 69.4
119 32.4 25.5 38.3

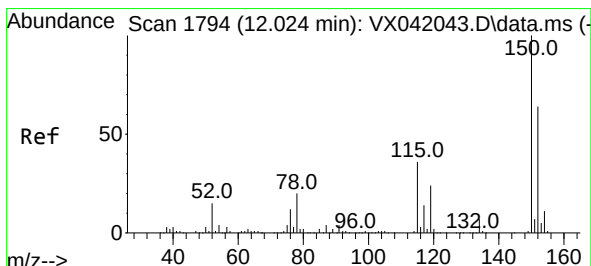
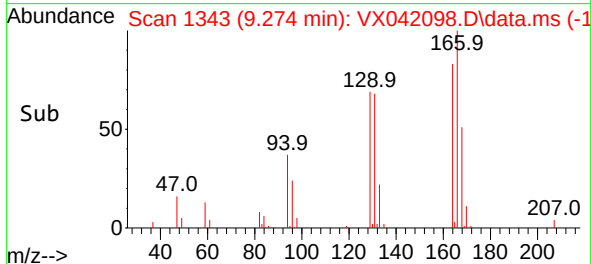
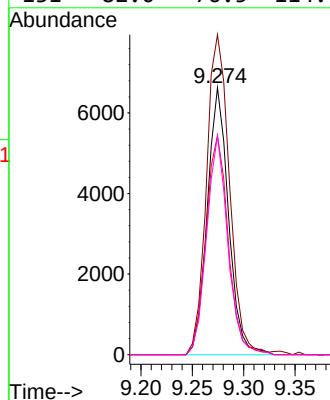
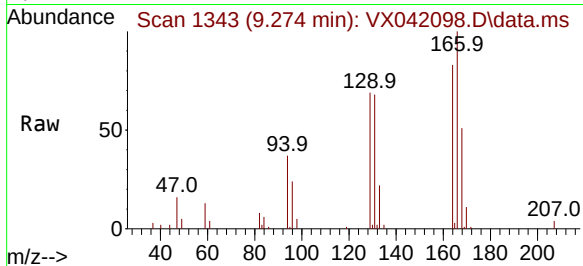




#64
Tetrachloroethene
Concen: 6.387 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042098.D
Acq: 28 Jun 2024 20:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	9565
Ion	Ratio	Lower Upper
164	100	
166	119.8	102.7 154.1
129	82.1	80.4 120.6
131	82.0	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: VX042098.D
Acq: 28 Jun 2024 20:09

Tgt Ion:152	Resp:	96751
Ion	Ratio	Lower Upper
152	100	
115	53.3	43.3 129.9
150	156.4	0.0 345.0

