

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038955.D
 Acq On : 20 Nov 2023 13:56
 Operator : JC/MD
 Sample : 05404-24 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20231109

Quant Time: Nov 21 00:19:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

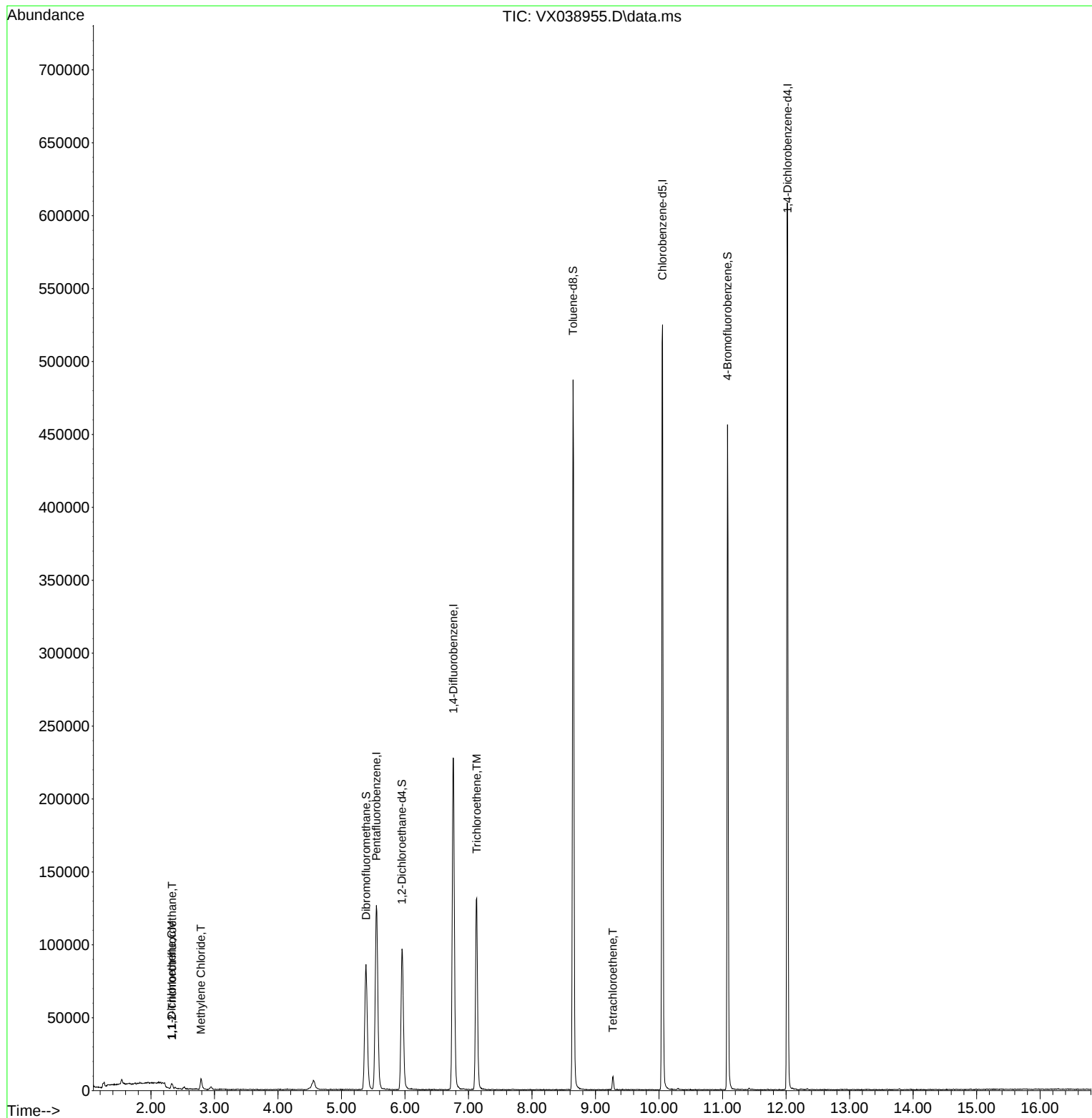
Internal Standards						
1) Pentafluorobenzene	5.550	168	112353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92895	51.312	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.620%		
35) Dibromofluoromethane	5.385	113	74249	44.569	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 89.140%		
50) Toluene-d8	8.647	98	293106	45.985	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 91.960%#		
62) 4-Bromofluorobenzene	11.079	95	125762	49.288	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.580%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1109	0.800	ug/l	92
12) 1,1-Dichloroethene	2.325	96	388	0.277	ug/l #	62
20) Methylene Chloride	2.788	84	3421	1.969	ug/l	97
44) Trichloroethene	7.129	130	49242	28.646	ug/l	96
64) Tetrachloroethene	9.275	164	1590	1.075	ug/l	93

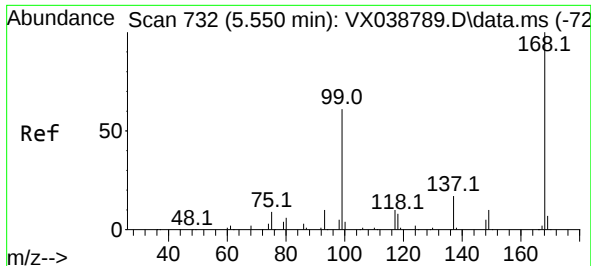
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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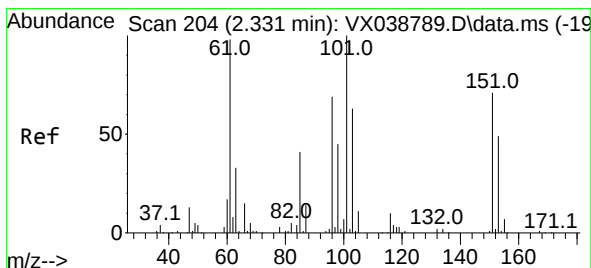
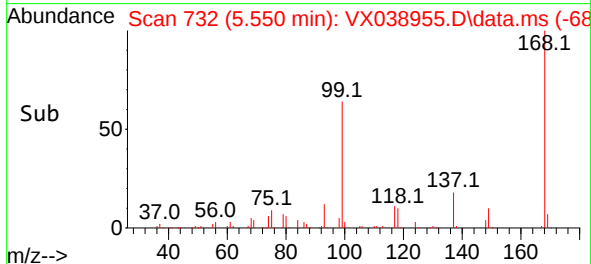
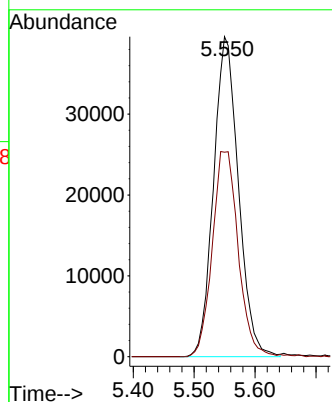
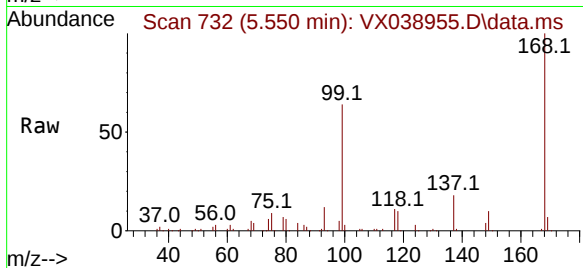




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

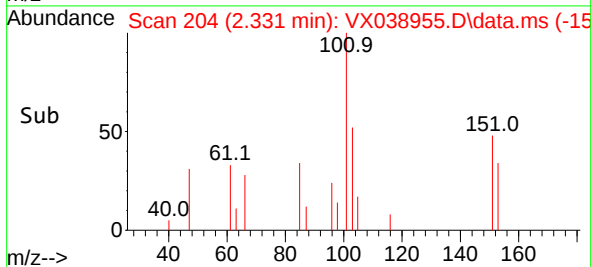
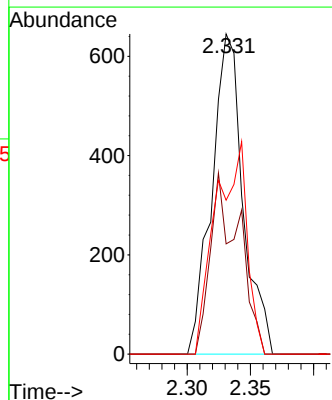
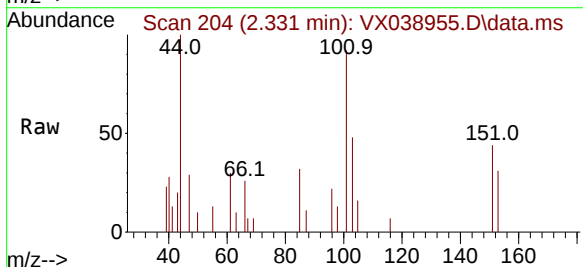
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

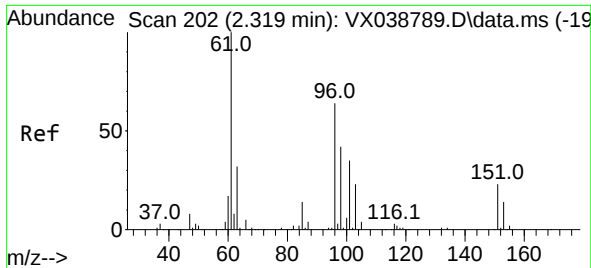
Tgt Ion:168 Resp: 112353
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.800 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

Tgt Ion:101 Resp: 1109
Ion Ratio Lower Upper
101 100
85 51.8 37.0 55.6
151 66.7 58.6 87.8

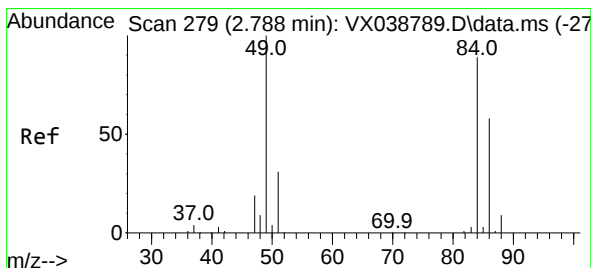
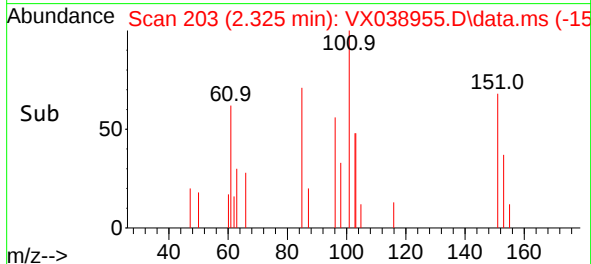
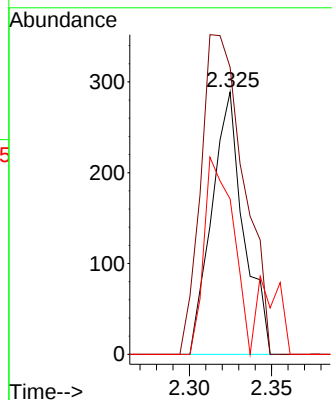
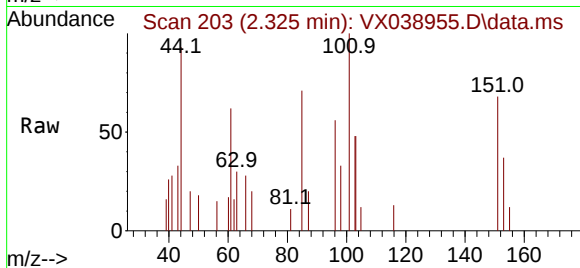




#12
1,1-Dichloroethene
Concen: 0.277 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

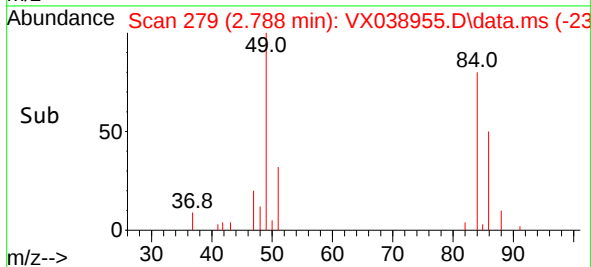
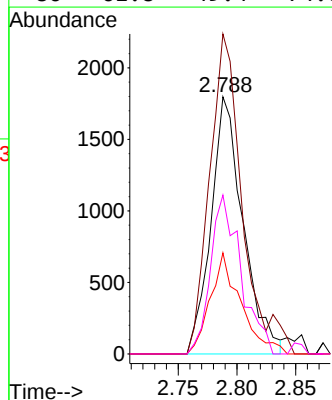
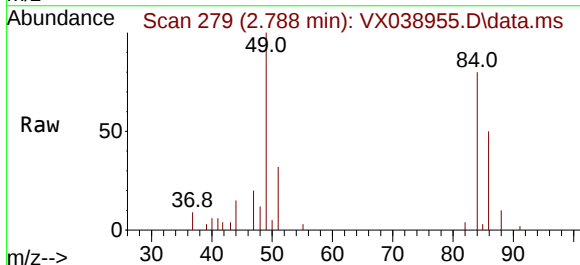
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20231109

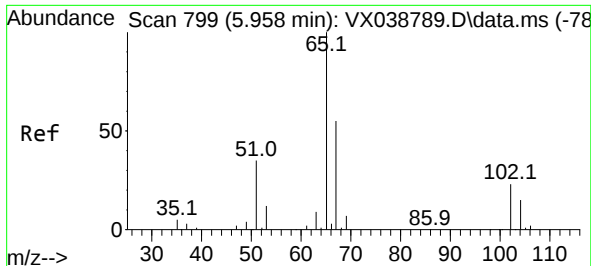
Tgt Ion: 96 Resp: 388
Ion Ratio Lower Upper
96 100
61 109.3 144.6 216.8#
98 59.2 50.4 75.6



#20
Methylene Chloride
Concen: 1.969 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

Tgt Ion: 84 Resp: 3421
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 39.3 33.8 50.6
86 61.8 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 51.312 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038955.D

Acq: 20 Nov 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

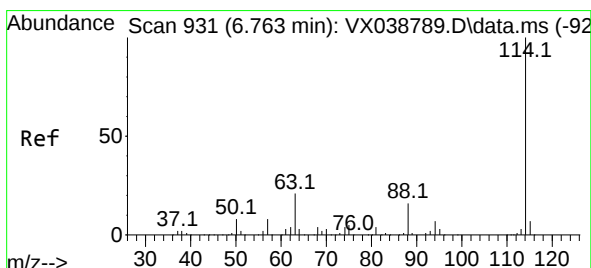
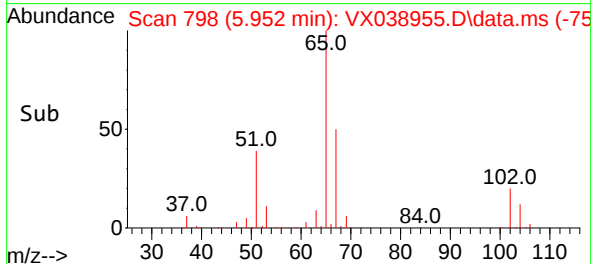
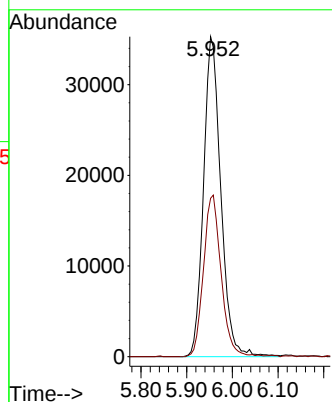
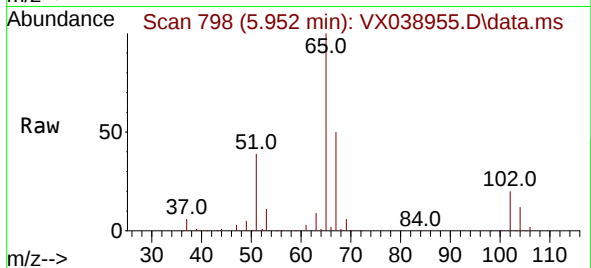
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Tgt Ion: 65 Resp: 92895

Ion Ratio Lower Upper

65 100

67 51.3 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: VX038955.D

Acq: 20 Nov 2023 13:56

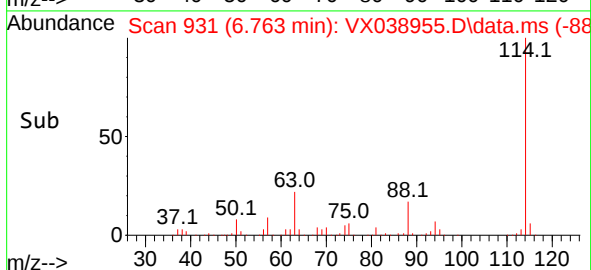
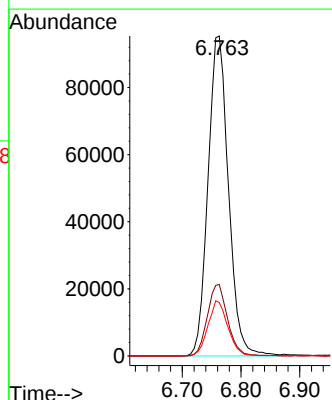
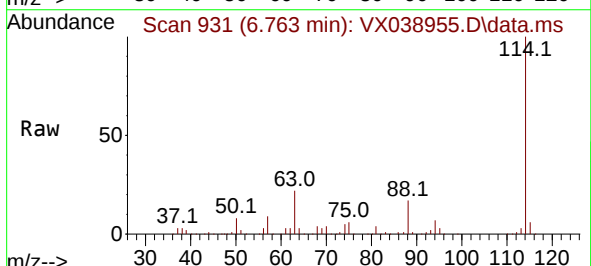
Tgt Ion:114 Resp: 230669

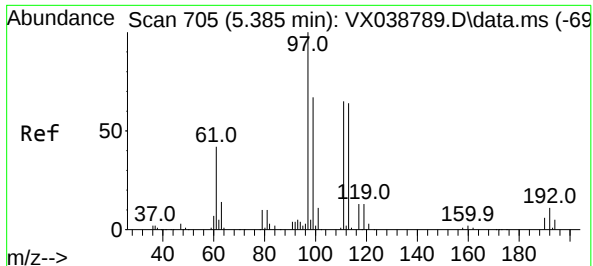
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.569 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038955.D

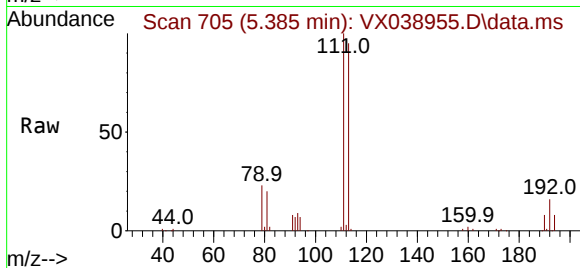
Acq: 20 Nov 2023 13:56

Instrument :

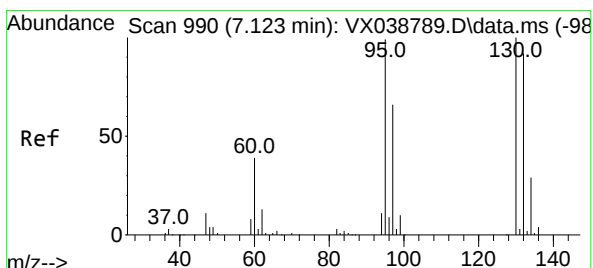
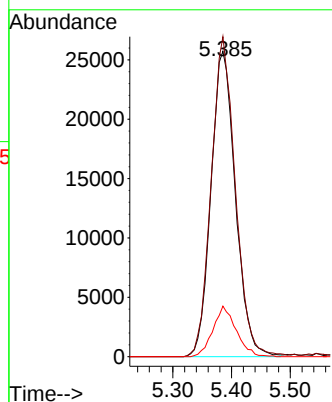
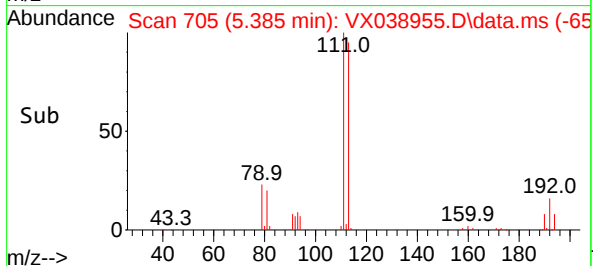
MSVOA_X

ClientSampleId :

DUP02-20231109



Tgt Ion:	113	Resp:	74249
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	15.7	13.3	19.9



#44

Trichloroethene

Concen: 28.646 ug/l

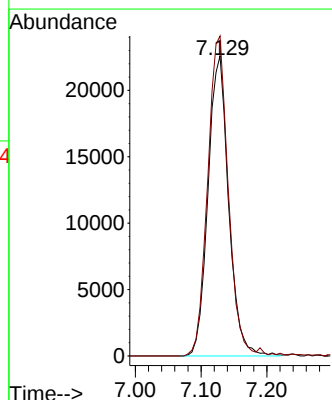
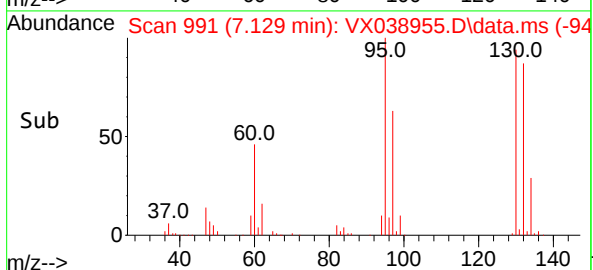
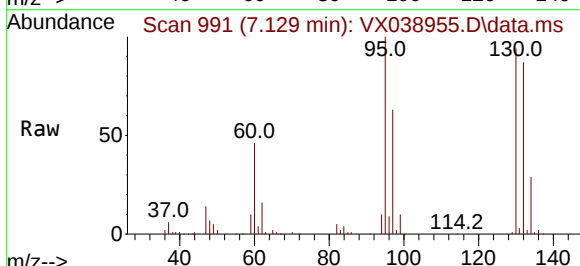
RT: 7.129 min Scan# 991

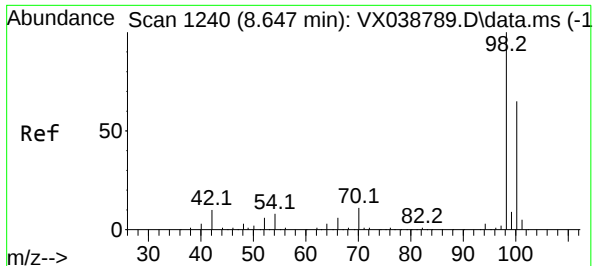
Delta R.T. 0.006 min

Lab File: VX038955.D

Acq: 20 Nov 2023 13:56

Tgt Ion:	130	Resp:	49242
Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	204.4

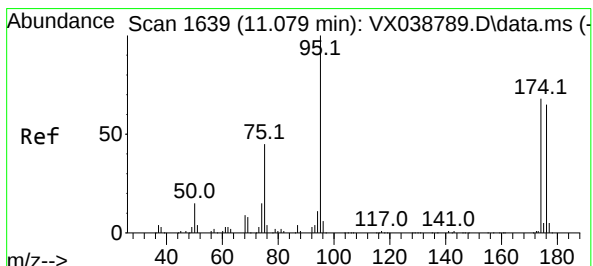
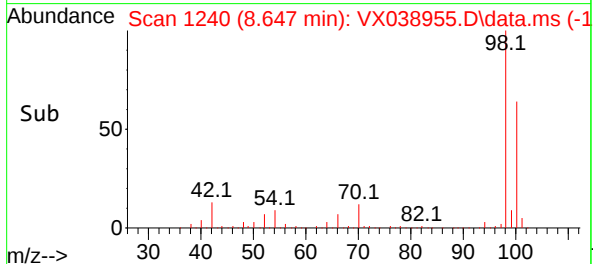
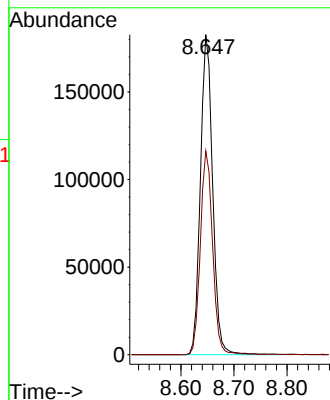
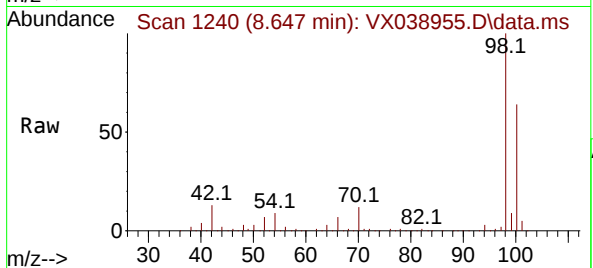




#50
Toluene-d8
Concen: 45.985 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

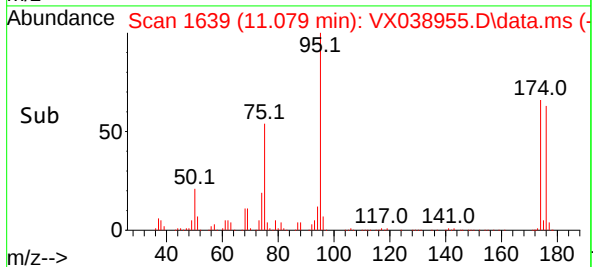
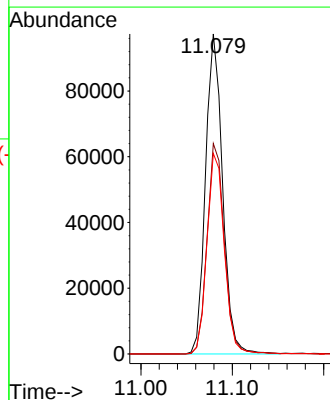
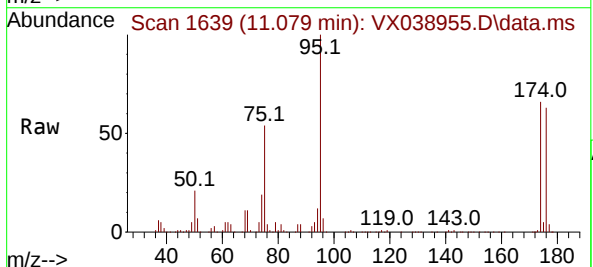
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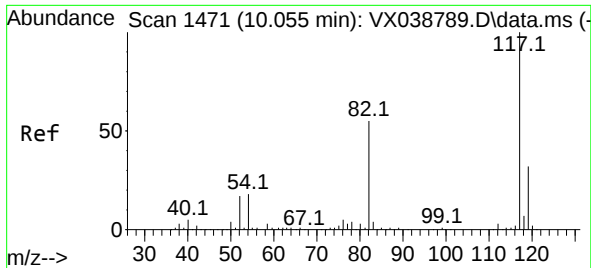
Tgt Ion: 98 Resp: 293106
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.288 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

Tgt Ion: 95 Resp: 125762
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 63.9 0.0 131.0

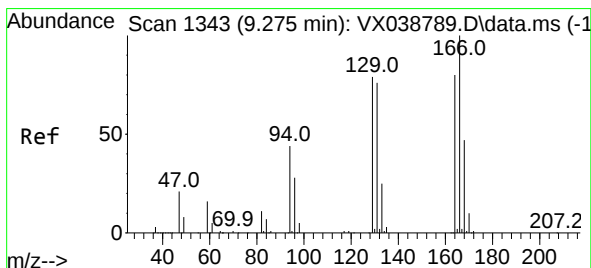
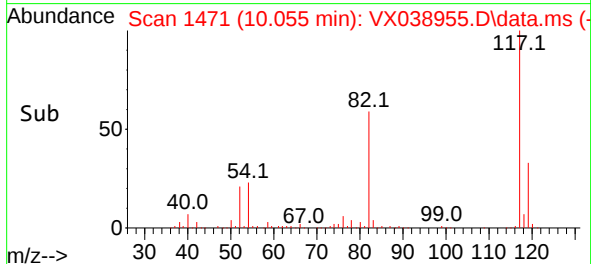
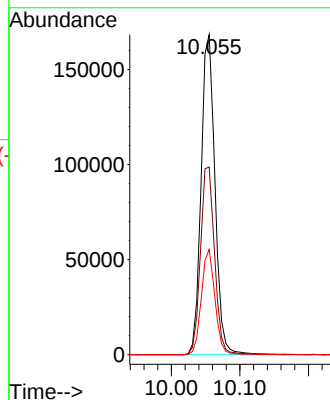
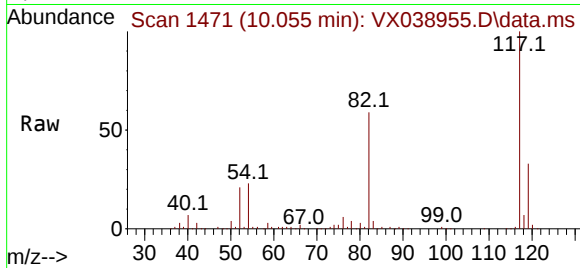




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

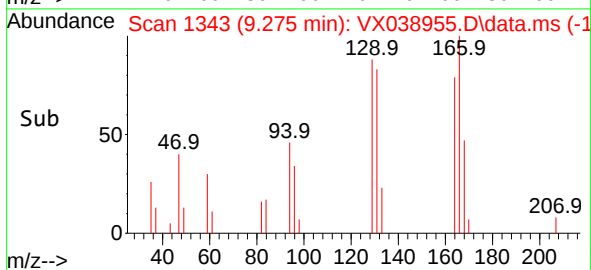
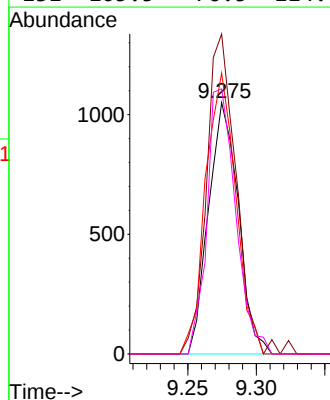
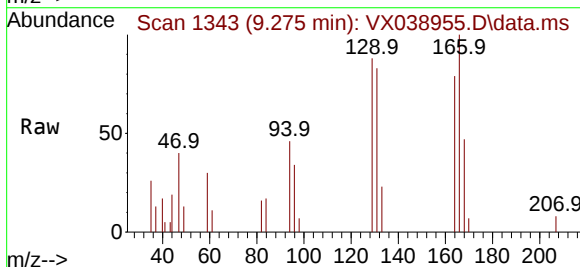
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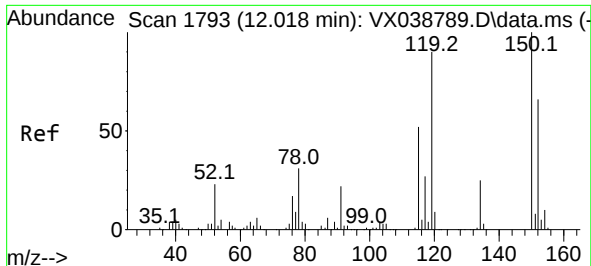
Tgt Ion:117 Resp: 237966
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 1.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038955.D
Acq: 20 Nov 2023 13:56

Tgt Ion:164 Resp: 1590
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 111.7 80.4 120.6
131 105.5 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038955.D

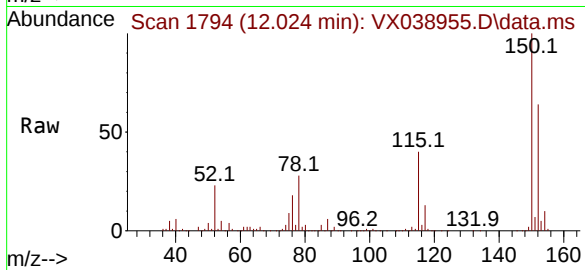
Acq: 20 Nov 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20231109



Tgt Ion:152 Resp: 119040

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 156.5 0.0 345.0

