

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040392.D
 Acq On : 21 Feb 2024 19:17
 Operator : JC/MD
 Sample : P1520-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20240216

Quant Time: Feb 22 01:13:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

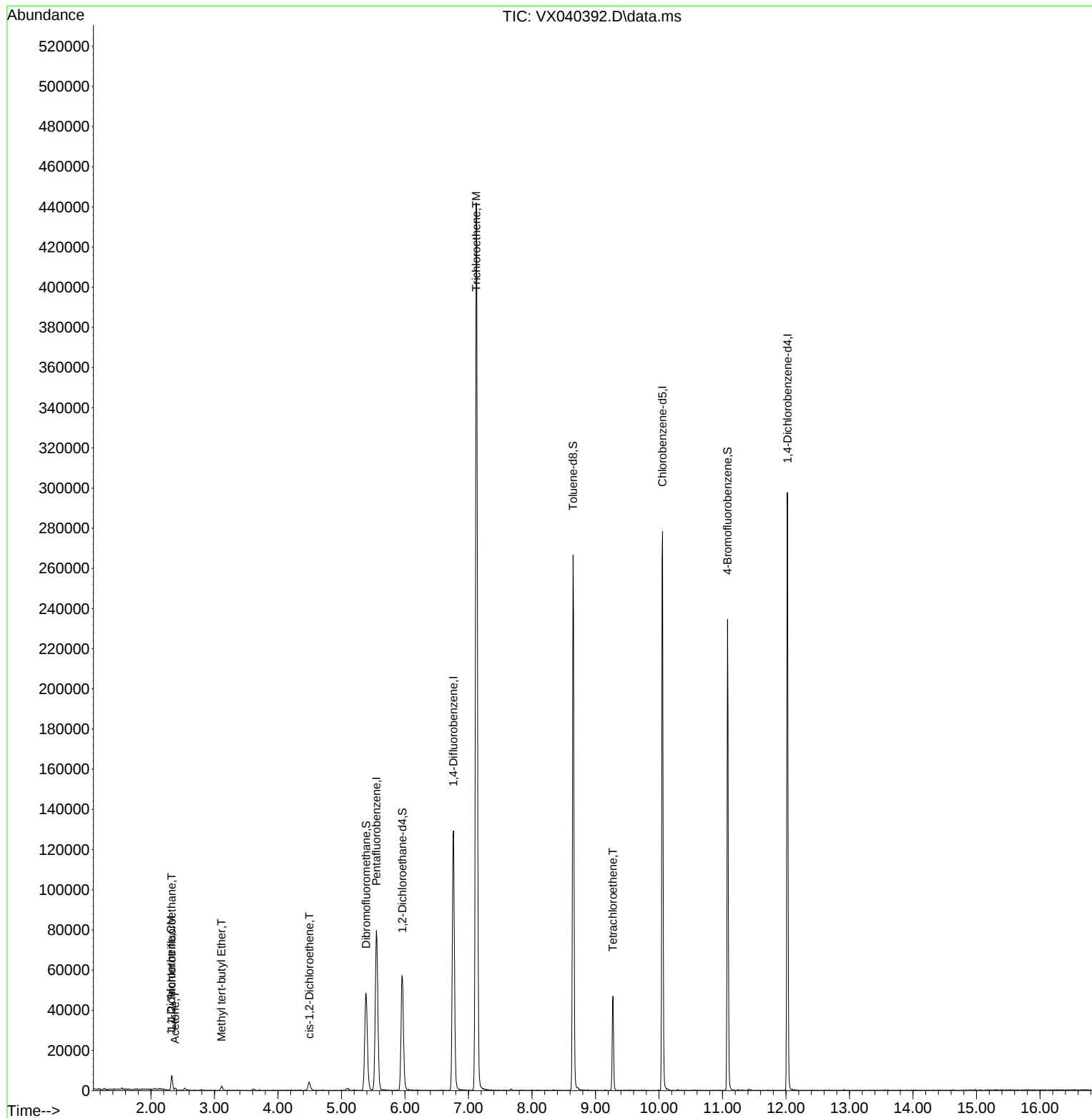
Internal Standards						
1) Pentafluorobenzene	5.550	168	70172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55475	53.139	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.385	113	41848	46.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.900%	
50) Toluene-d8	8.647	98	154260	46.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.520%	
62) 4-Bromofluorobenzene	11.079	95	58798	43.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.480%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2293	3.082	ug/l	96
12) 1,1-Dichloroethene	2.319	96	645	0.900	ug/l #	79
16) Acetone	2.380	43	875	2.041	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	2047	0.811	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	2624	2.819	ug/l	76
44) Trichloroethene	7.123	130	157868	163.893	ug/l	95
64) Tetrachloroethene	9.275	164	8206	9.723	ug/l	94

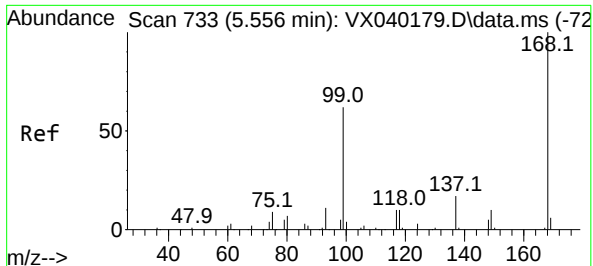
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
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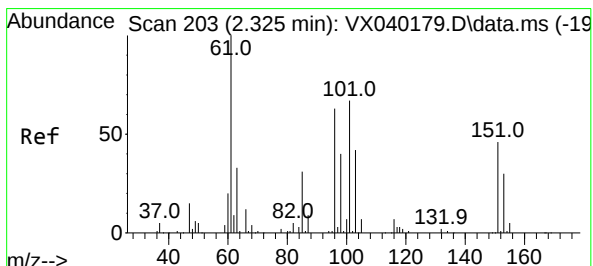
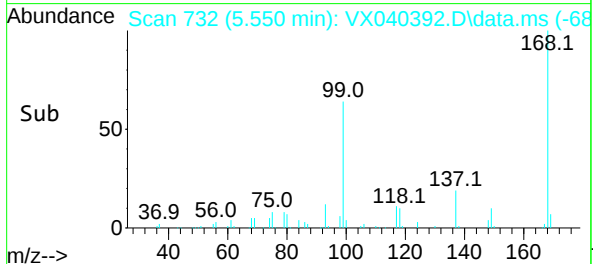
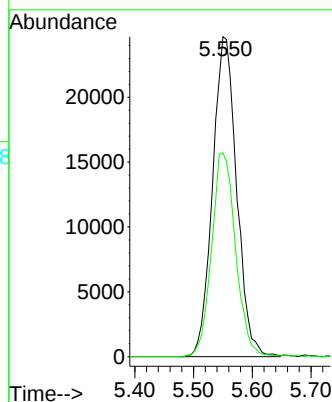
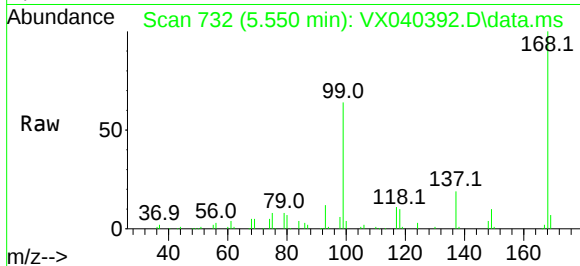




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

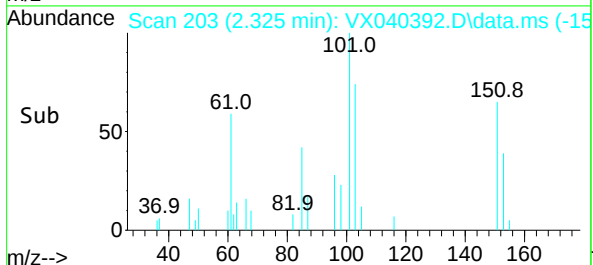
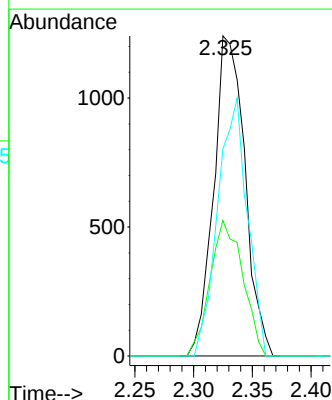
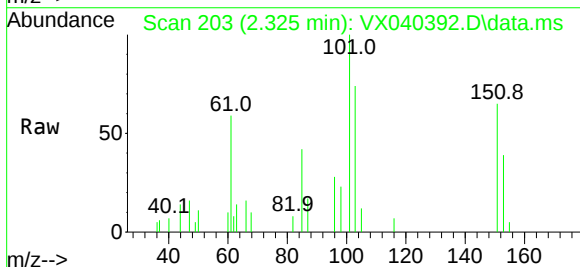
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

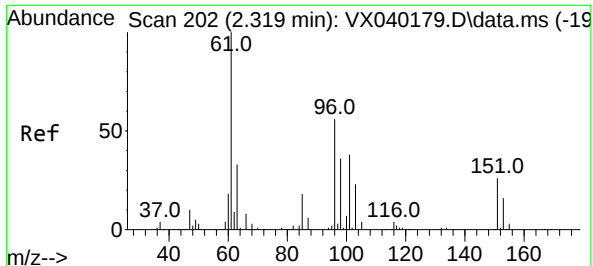
Tgt Ion:168 Resp: 70172
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.082 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

Tgt Ion:101 Resp: 2293
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 76.5 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.900 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040392.D

Acq: 21 Feb 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20240216

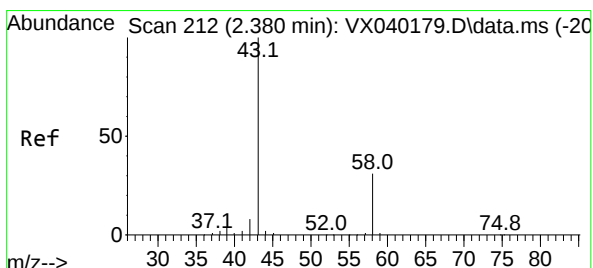
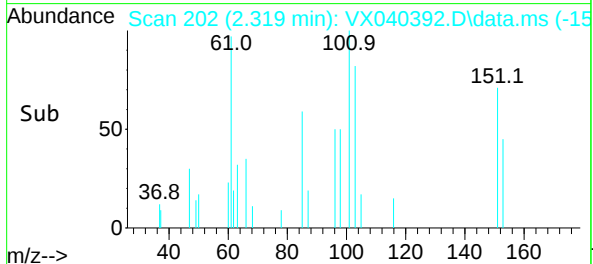
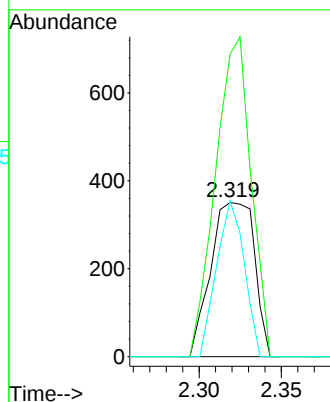
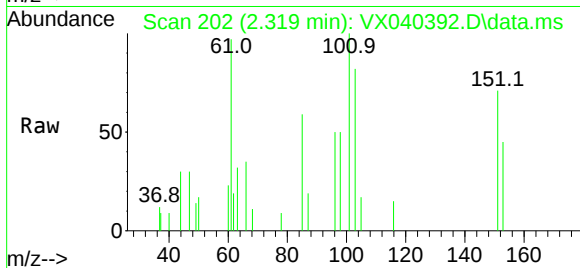
Tgt Ion: 96 Resp: 645

Ion Ratio Lower Upper

96 100

61 196.0 144.6 216.8

98 101.1 50.4 75.6#



#16

Acetone

Concen: 2.041 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040392.D

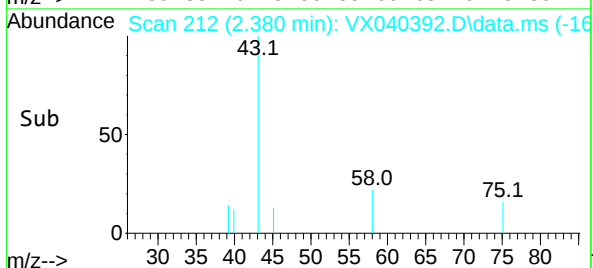
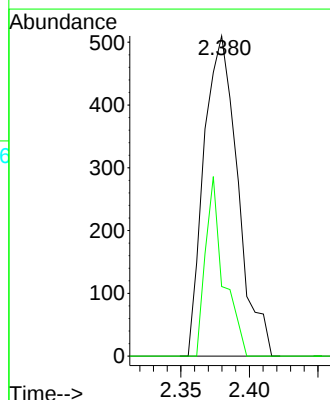
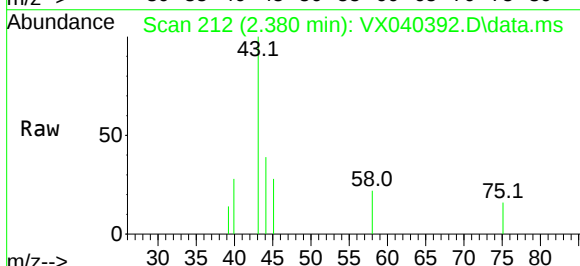
Acq: 21 Feb 2024 19:17

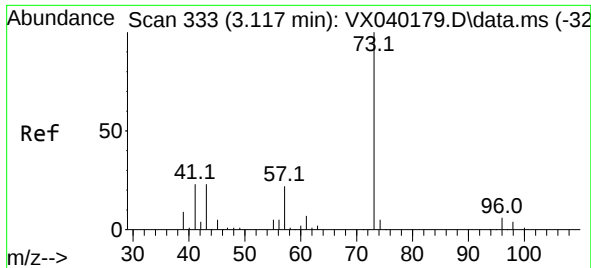
Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 21.8 21.9 32.9#

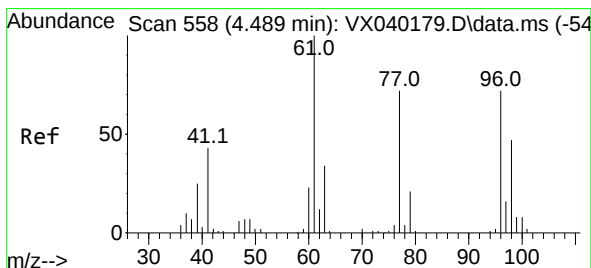
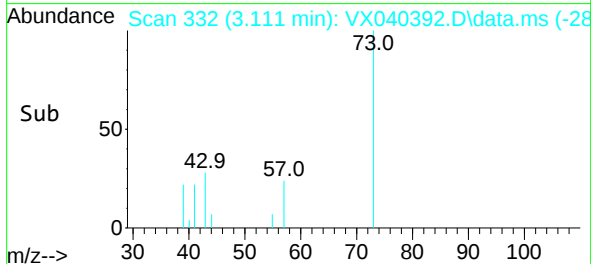
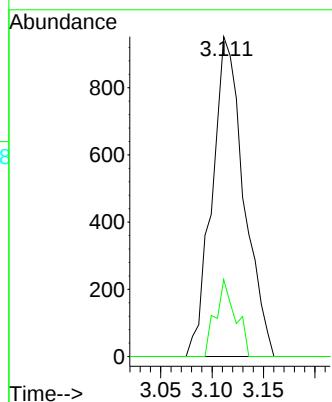
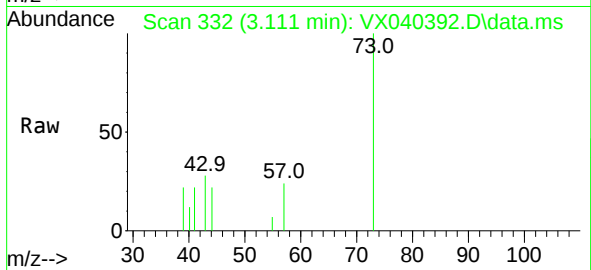




#19
Methyl tert-butyl Ether
Concen: 0.811 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

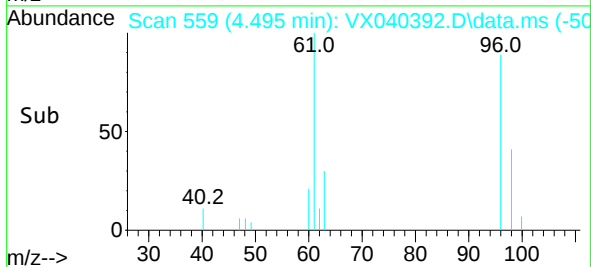
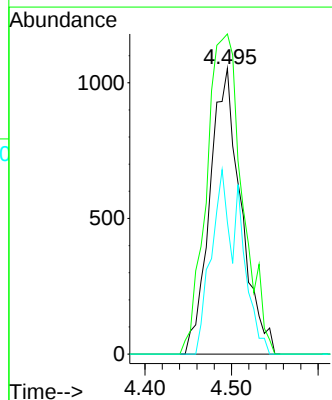
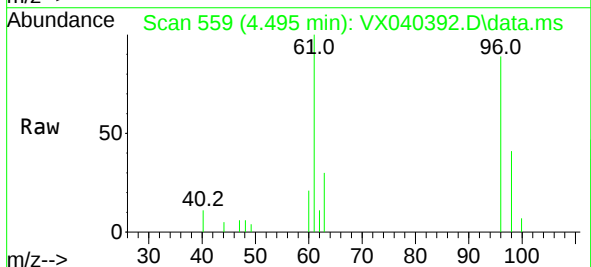
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

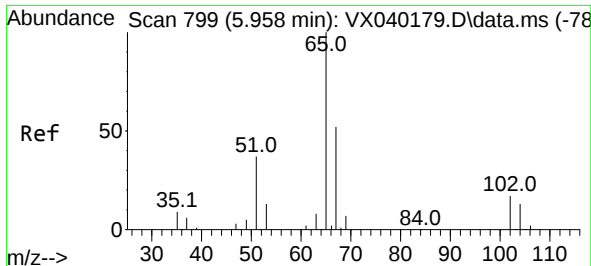
Tgt Ion: 73 Resp: 2047
Ion Ratio Lower Upper
73 100
57 24.1 17.3 25.9



#27
cis-1,2-Dichloroethene
Concen: 2.819 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

Tgt Ion: 96 Resp: 2624
Ion Ratio Lower Upper
96 100
61 129.7 0.0 312.2
98 39.1 0.0 129.0

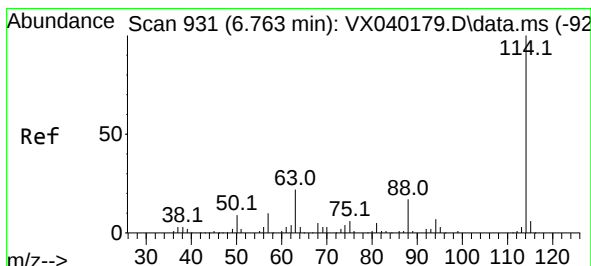
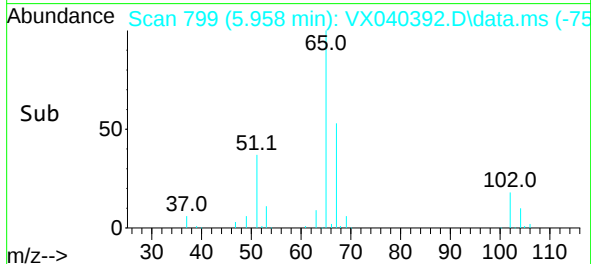
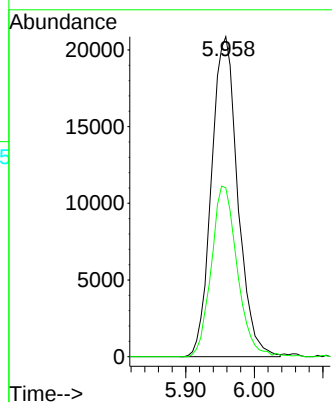
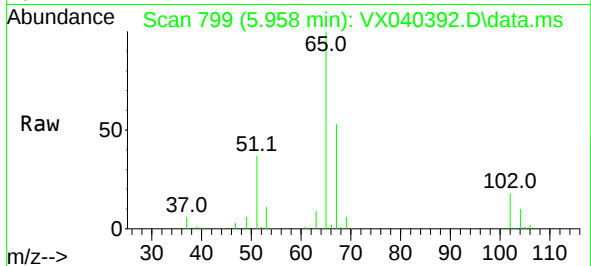




#33
 1,2-Dichloroethane-d4
 Concen: 53.139 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040392.D
 Acq: 21 Feb 2024 19:17

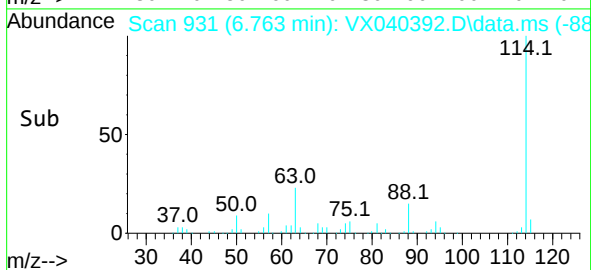
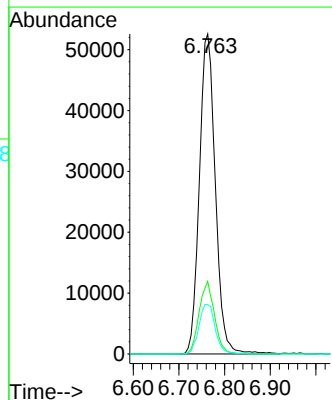
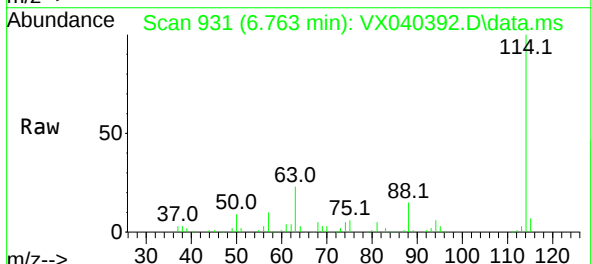
Instrument :
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 ClientSampleId :
 DUP03-20240216

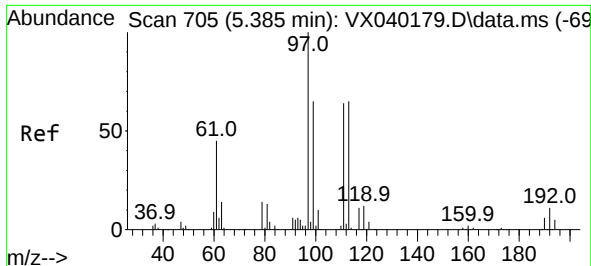
Tgt Ion: 65 Resp: 55475
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040392.D
 Acq: 21 Feb 2024 19:17

Tgt Ion: 114 Resp: 127647
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 15.4 0.0 36.6

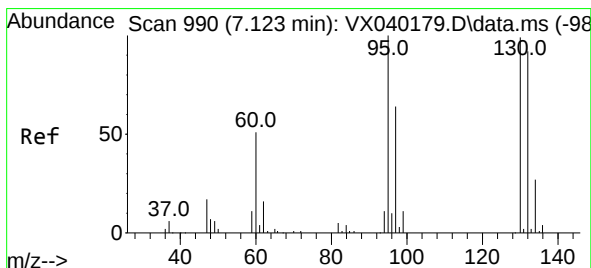
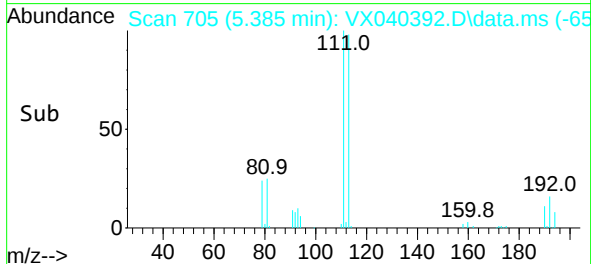
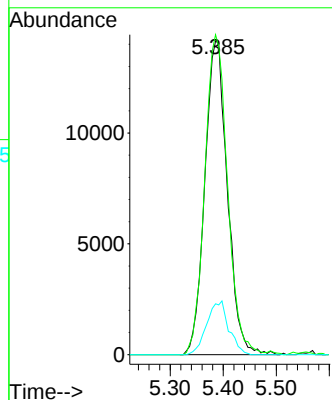
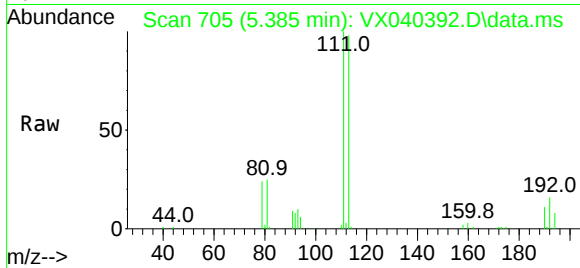




#35
Dibromofluoromethane
Concen: 46.945 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

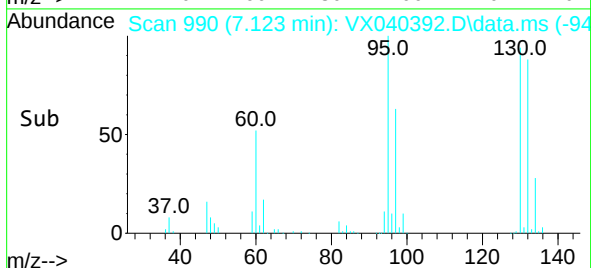
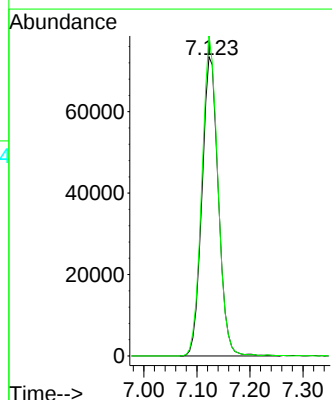
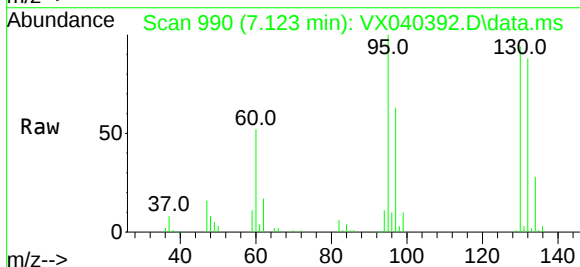
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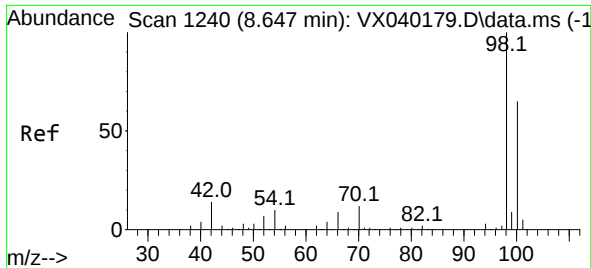
Tgt Ion:113 Resp: 41848
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.7 13.3 19.9



#44
Trichloroethene
Concen: 163.893 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

Tgt Ion:130 Resp: 157868
Ion Ratio Lower Upper
130 100
95 106.9 0.0 204.4

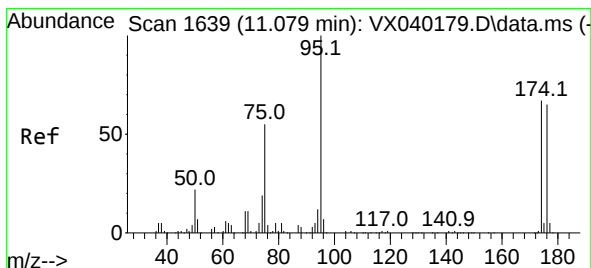
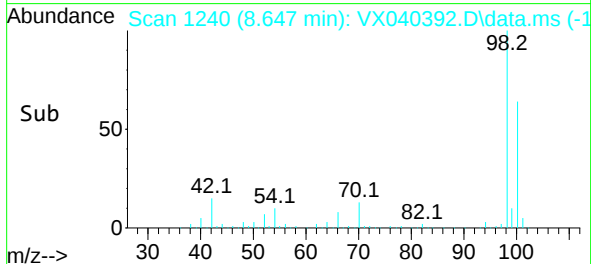
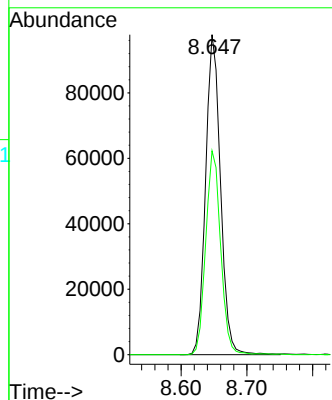
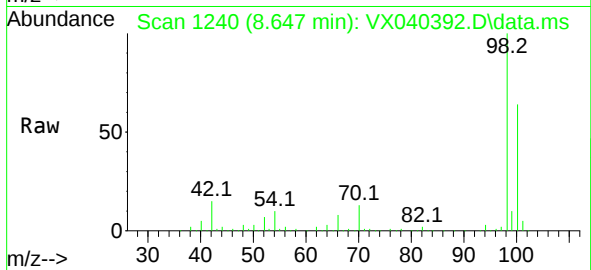




#50
Toluene-d8
Concen: 46.261 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

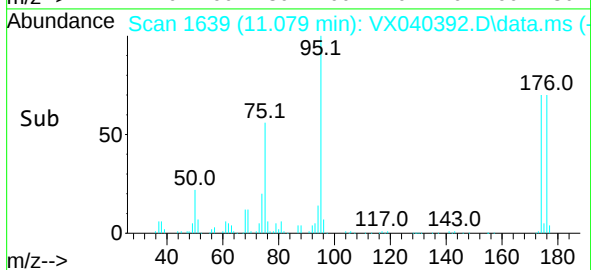
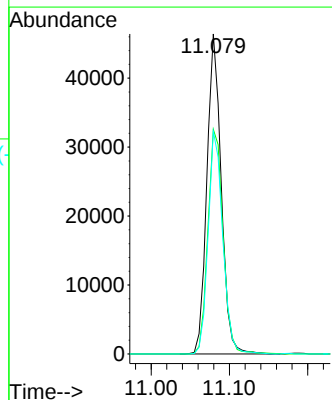
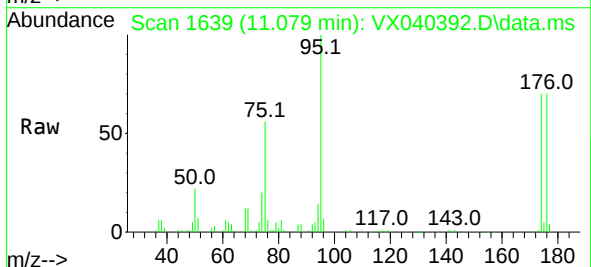
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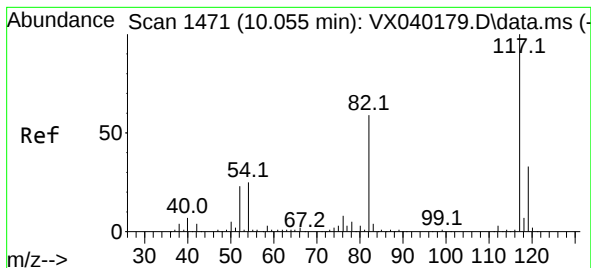
Tgt Ion: 98 Resp: 154260
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

Tgt Ion: 95 Resp: 58798
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.8 0.0 131.0

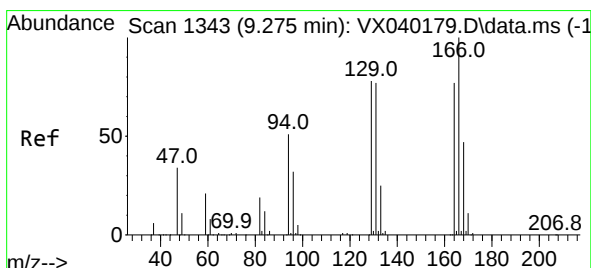
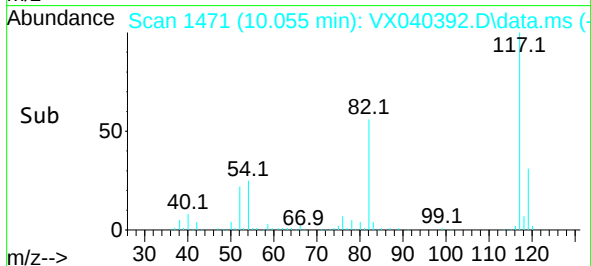
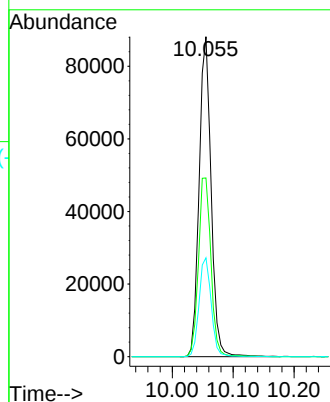
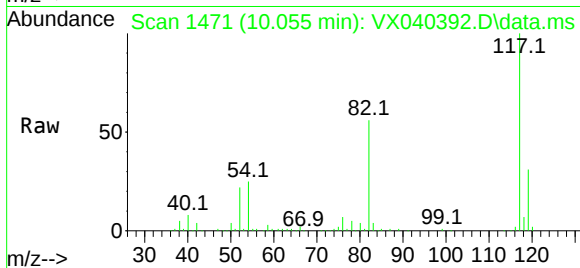




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

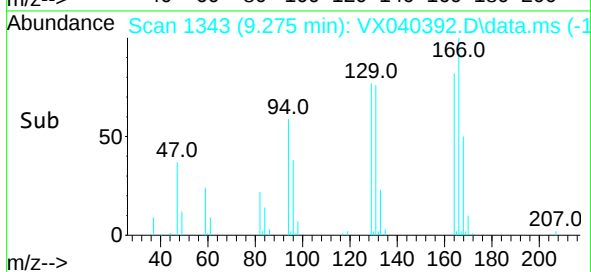
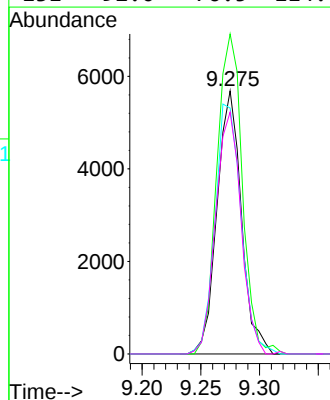
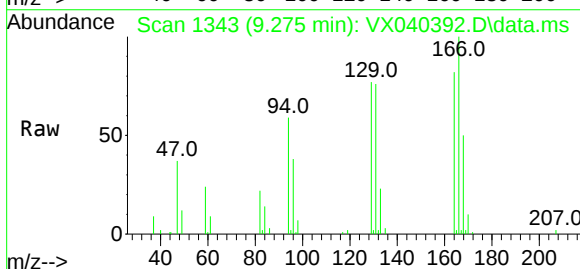
Instrument :
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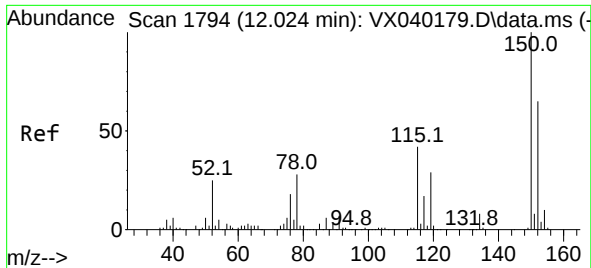
Tgt Ion:117 Resp: 120436
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 9.723 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040392.D
Acq: 21 Feb 2024 19:17

Tgt Ion:164 Resp: 8206
Ion Ratio Lower Upper
164 100
166 121.7 102.7 154.1
129 93.5 80.4 120.6
131 92.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040392.D

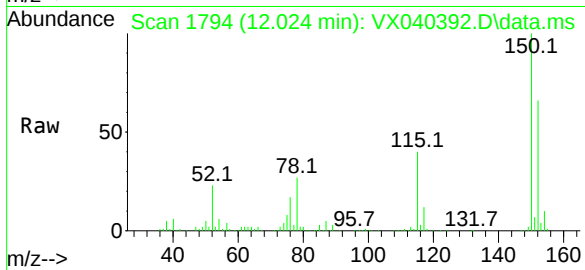
Acq: 21 Feb 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20240216



Tgt Ion:152 Resp: 59448

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 157.7 0.0 345.0

