

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037253.D
 Acq On : 25 Aug 2023 07:12
 Operator : JC/MD
 Sample : 04077-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20230817

Quant Time: Aug 25 07:47:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

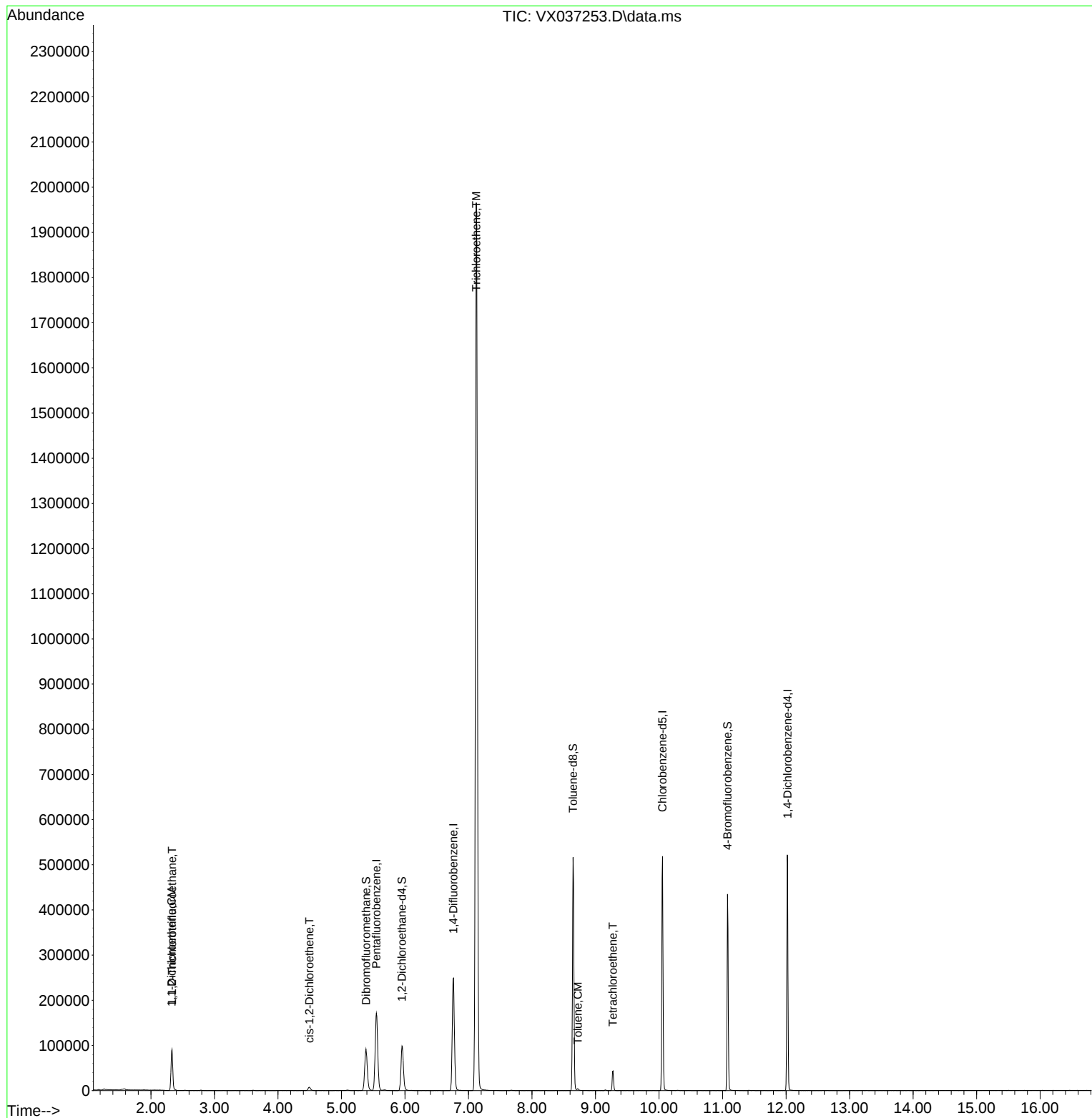
Internal Standards						
1) Pentafluorobenzene	5.550	168	157592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99690	43.878	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.760%
35) Dibromofluoromethane	5.385	113	79772	45.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.646	98	306889	48.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	116683	46.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	35374	21.234	ug/l	98
12) 1,1-Dichloroethene	2.324	96	2357	1.453	ug/l #	63
27) cis-1,2-Dichloroethene	4.495	96	5144	2.366	ug/l	82
44) Trichloroethene	7.122	130	784736	388.338	ug/l	100
52) Toluene	8.720	92	1679	0.357	ug/l	95
64) Tetrachloroethene	9.274	164	8264	4.780	ug/l	95

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

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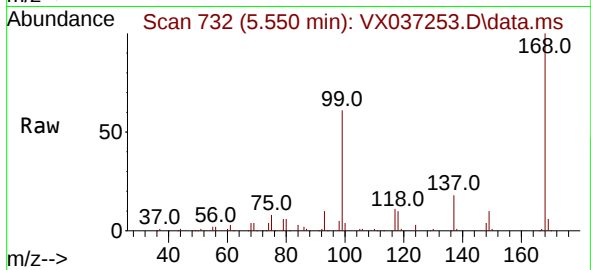
Quant Time: Aug 25 07:47:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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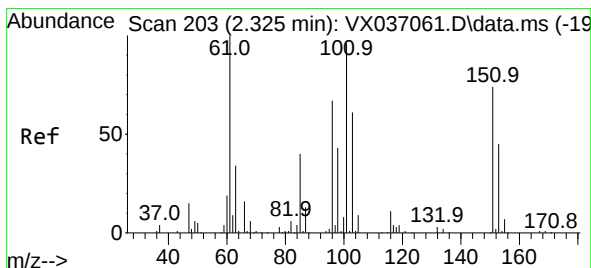
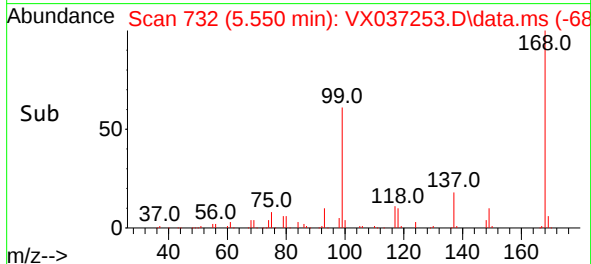
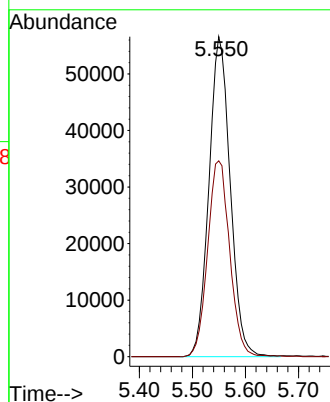


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230817

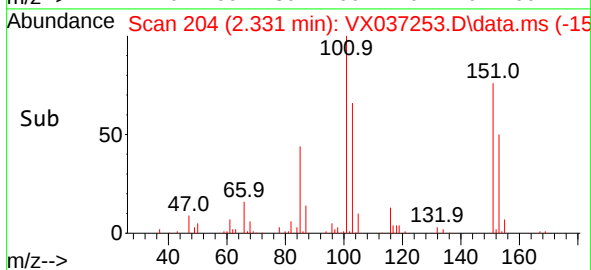
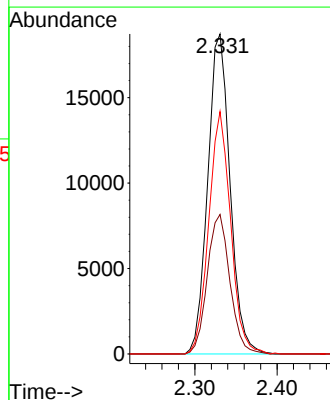
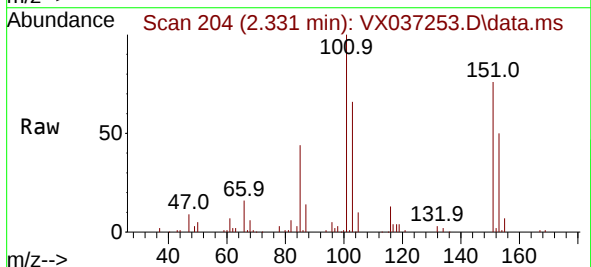


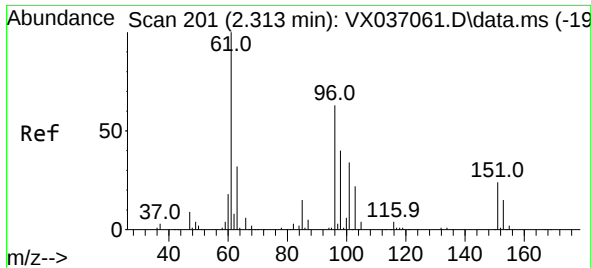
Tgt Ion:168 Resp: 157592
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.234 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion:101 Resp: 35374
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.6
151 74.1 58.6 87.8

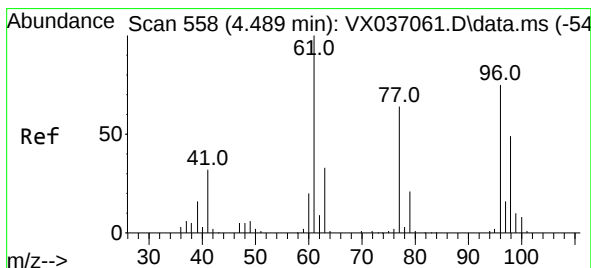
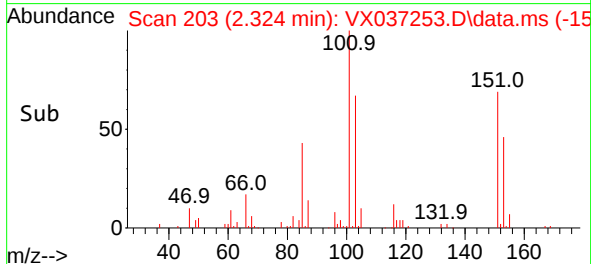
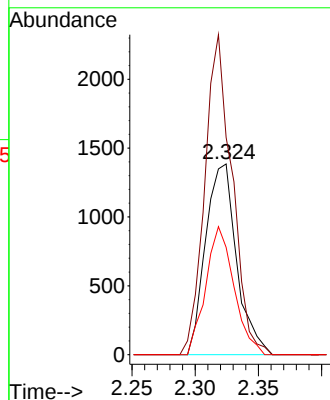
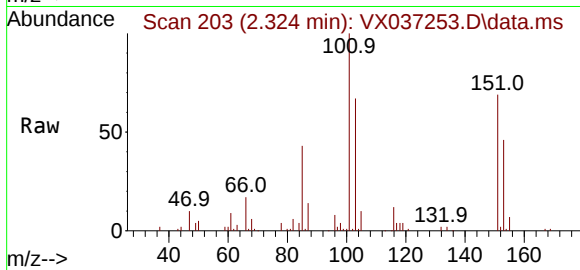




#12
 1,1-Dichloroethene
 Concen: 1.453 ug/l
 RT: 2.324 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VX037253.D
 Acq: 25 Aug 2023 07:12

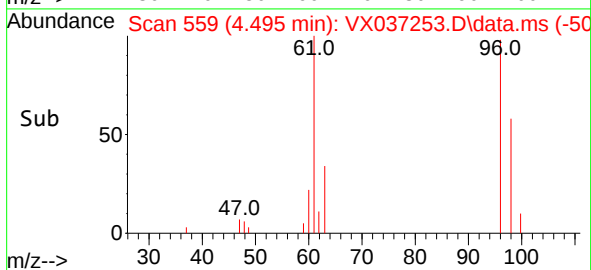
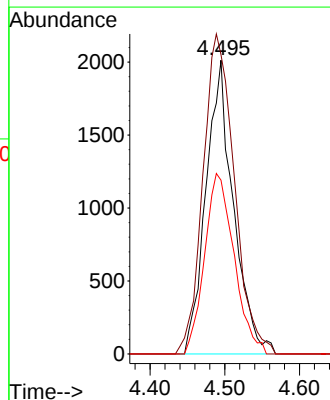
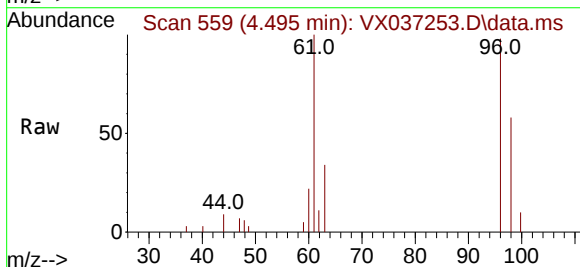
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20230817

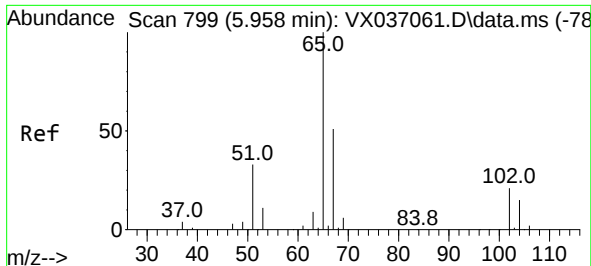
Tgt Ion: 96 Resp: 2357
 Ion Ratio Lower Upper
 96 100
 61 113.9 144.6 216.8#
 98 56.3 50.4 75.6



#27
 cis-1,2-Dichloroethene
 Concen: 2.366 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX037253.D
 Acq: 25 Aug 2023 07:12

Tgt Ion: 96 Resp: 5144
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 312.2
 98 65.9 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 43.878 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Instrument :

MSVOA_X

ClientSampleId :

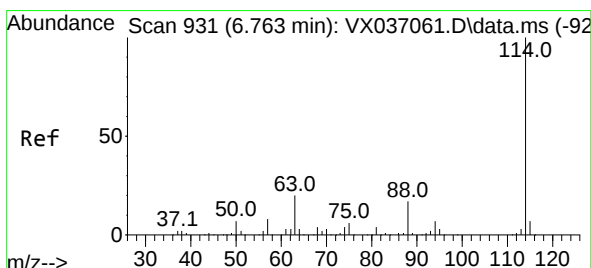
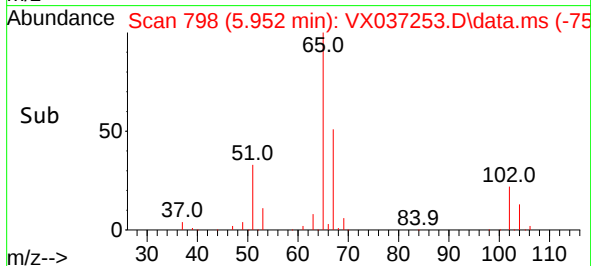
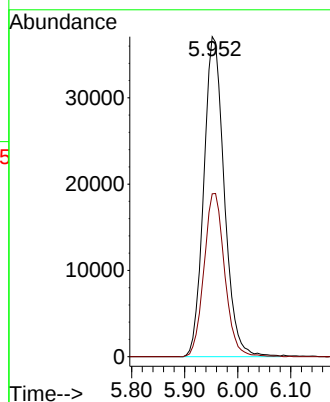
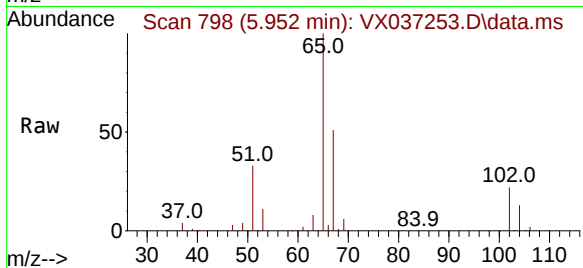
RE120D2-20230817

Tgt Ion: 65 Resp: 99690

Ion Ratio Lower Upper

65 100

67 51.5 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: VX037253.D

Acq: 25 Aug 2023 07:12

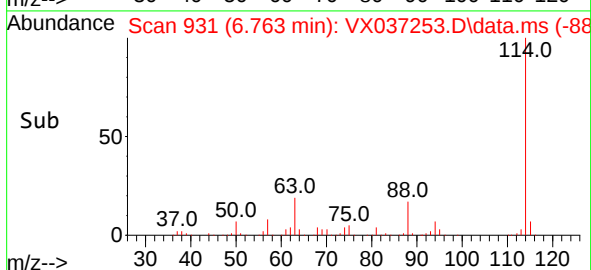
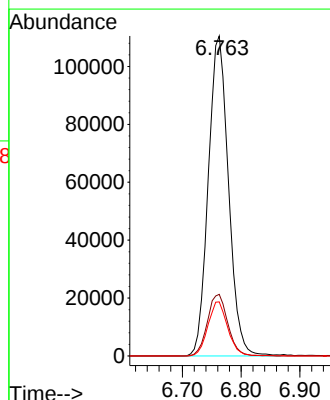
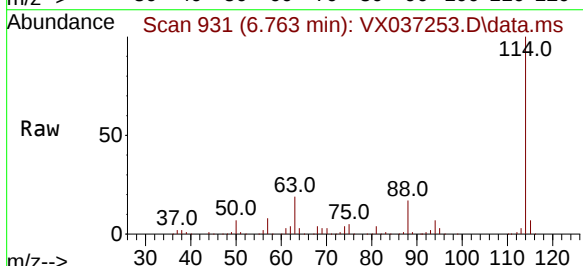
Tgt Ion: 114 Resp: 264086

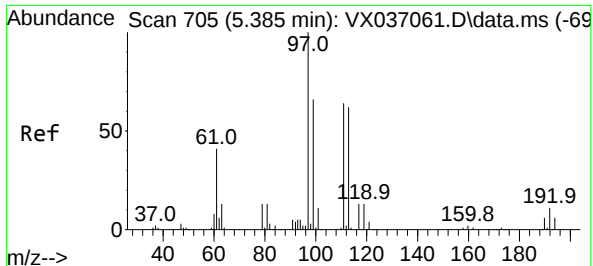
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.611 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037253.D

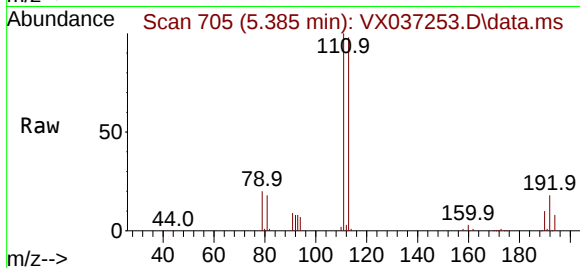
Acq: 25 Aug 2023 07:12

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20230817



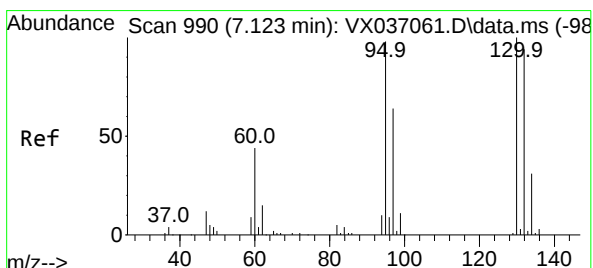
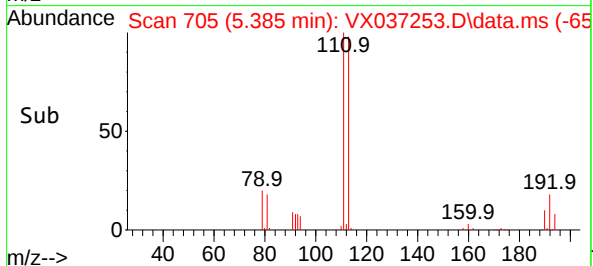
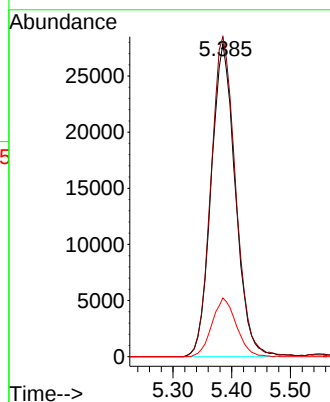
Tgt Ion:113 Resp: 79772

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

192 18.9 13.3 19.9



#44

Trichloroethene

Concen: 388.338 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX037253.D

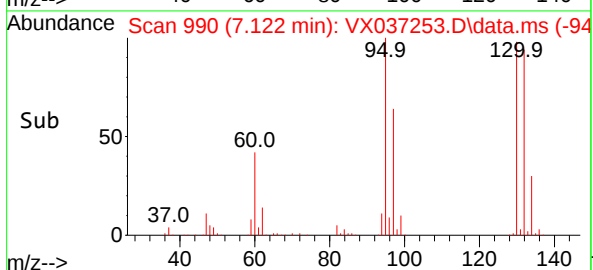
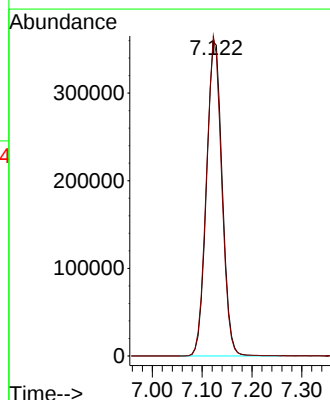
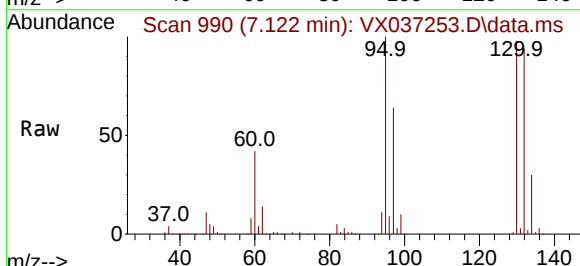
Acq: 25 Aug 2023 07:12

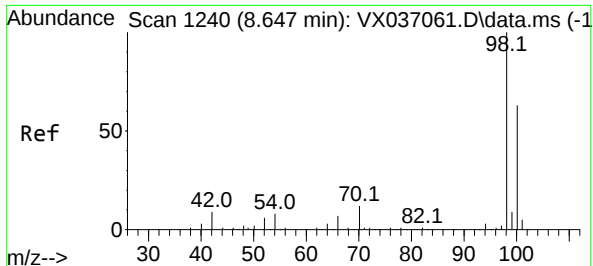
Tgt Ion:130 Resp: 784736

Ion Ratio Lower Upper

130 100

95 101.8 0.0 204.4





#50

Toluene-d8

Concen: 48.373 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Instrument :

MSVOA_X

ClientSampleId :

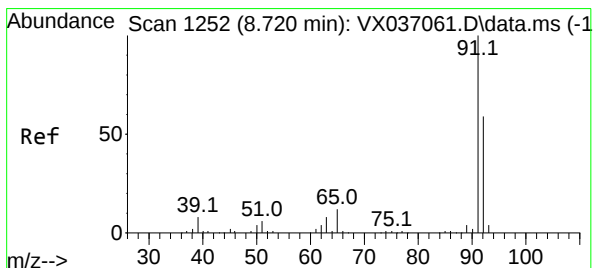
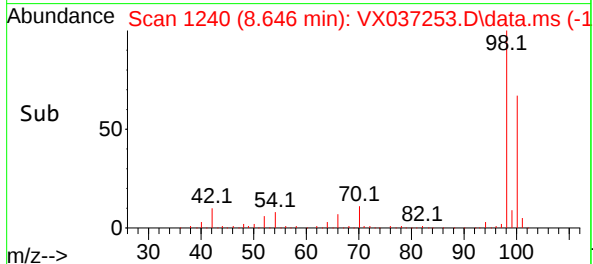
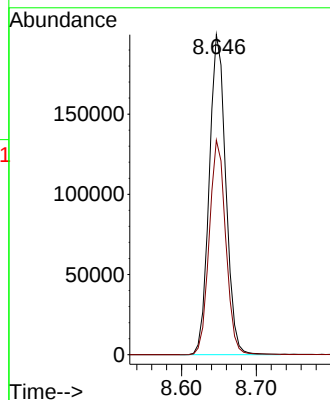
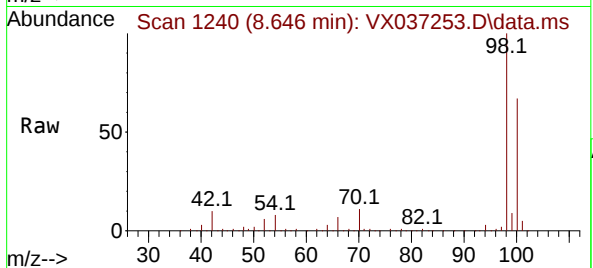
RE120D2-20230817

Tgt Ion: 98 Resp: 306889

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#52

Toluene

Concen: 0.357 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037253.D

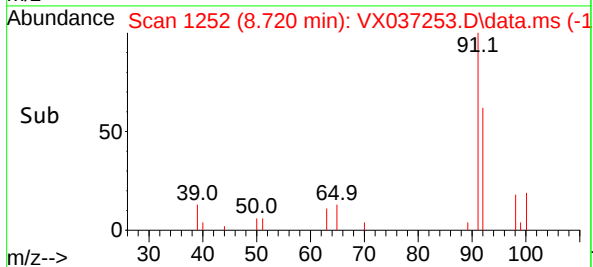
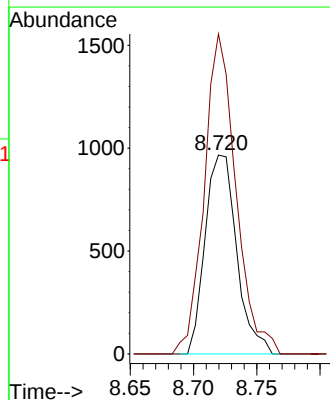
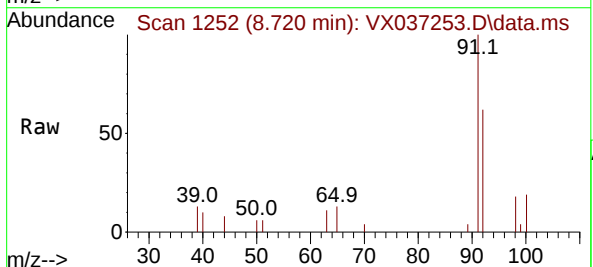
Acq: 25 Aug 2023 07:12

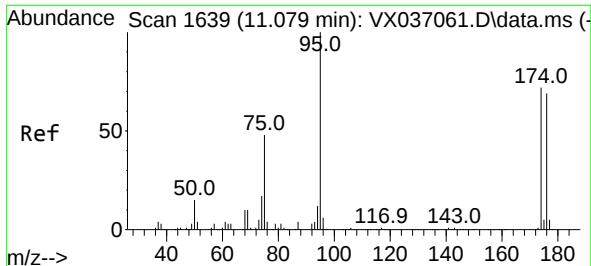
Tgt Ion: 92 Resp: 1679

Ion Ratio Lower Upper

92 100

91 161.0 134.2 201.2

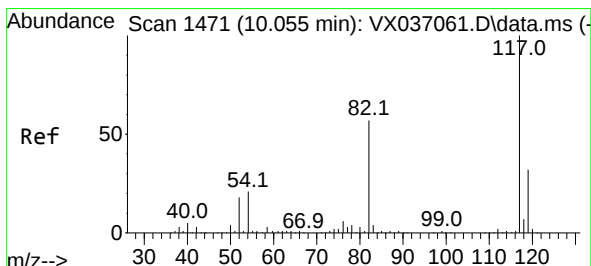
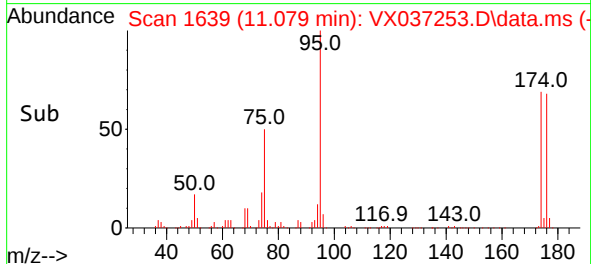
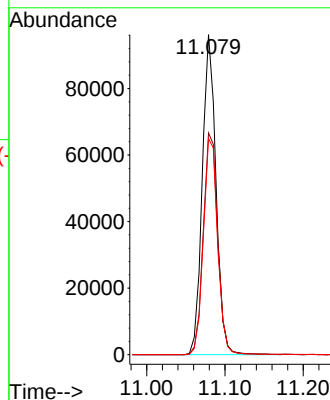
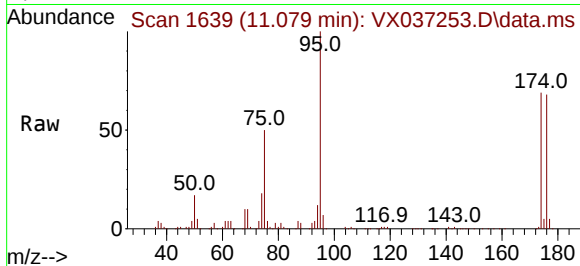




#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

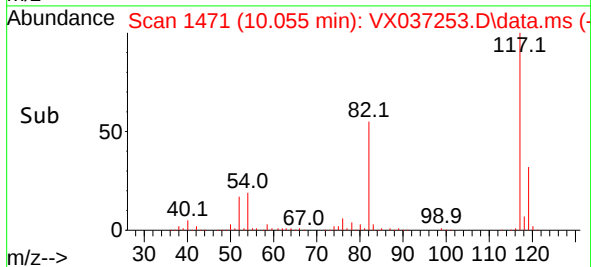
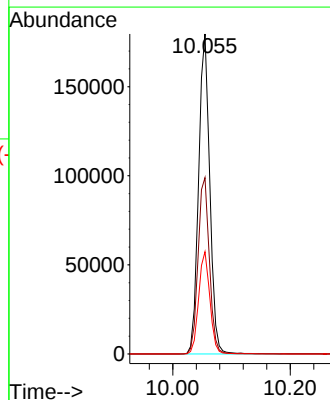
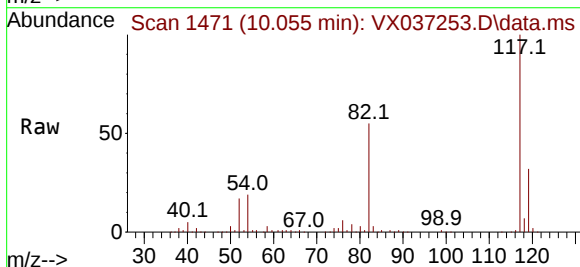
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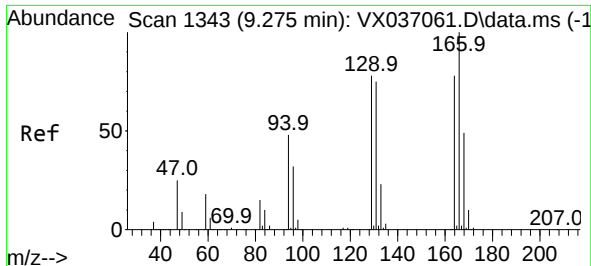
Tgt Ion: 95 Resp: 116683
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion: 117 Resp: 236995
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3

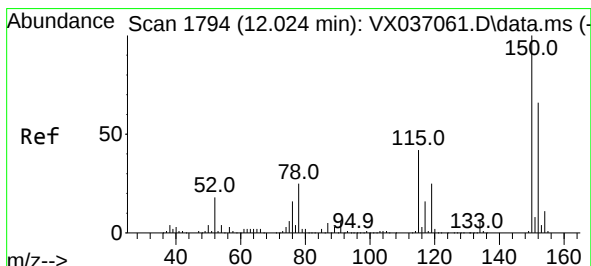
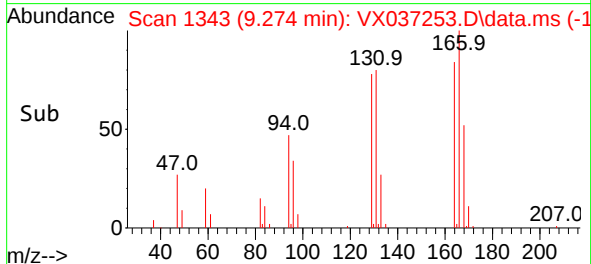
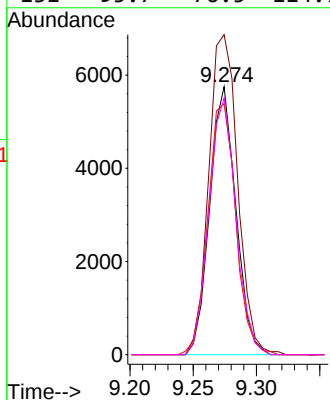
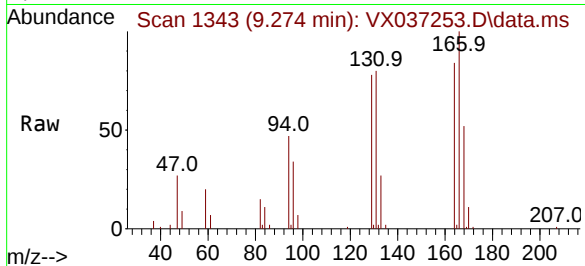




#64
Tetrachloroethene
Concen: 4.780 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
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Tgt Ion:164	Resp:	8264	
Ion	Ratio	Lower	Upper
164	100		
166	119.4	102.7	154.1
129	93.7	80.4	120.6
131	95.7	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: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion:152	Resp:	110168	
Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	155.9	0.0	345.0

