

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037300.D
 Acq On : 28 Aug 2023 17:25
 Operator : JC/MD
 Sample : 04126-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230819

Quant Time: Aug 29 01:01:02 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)

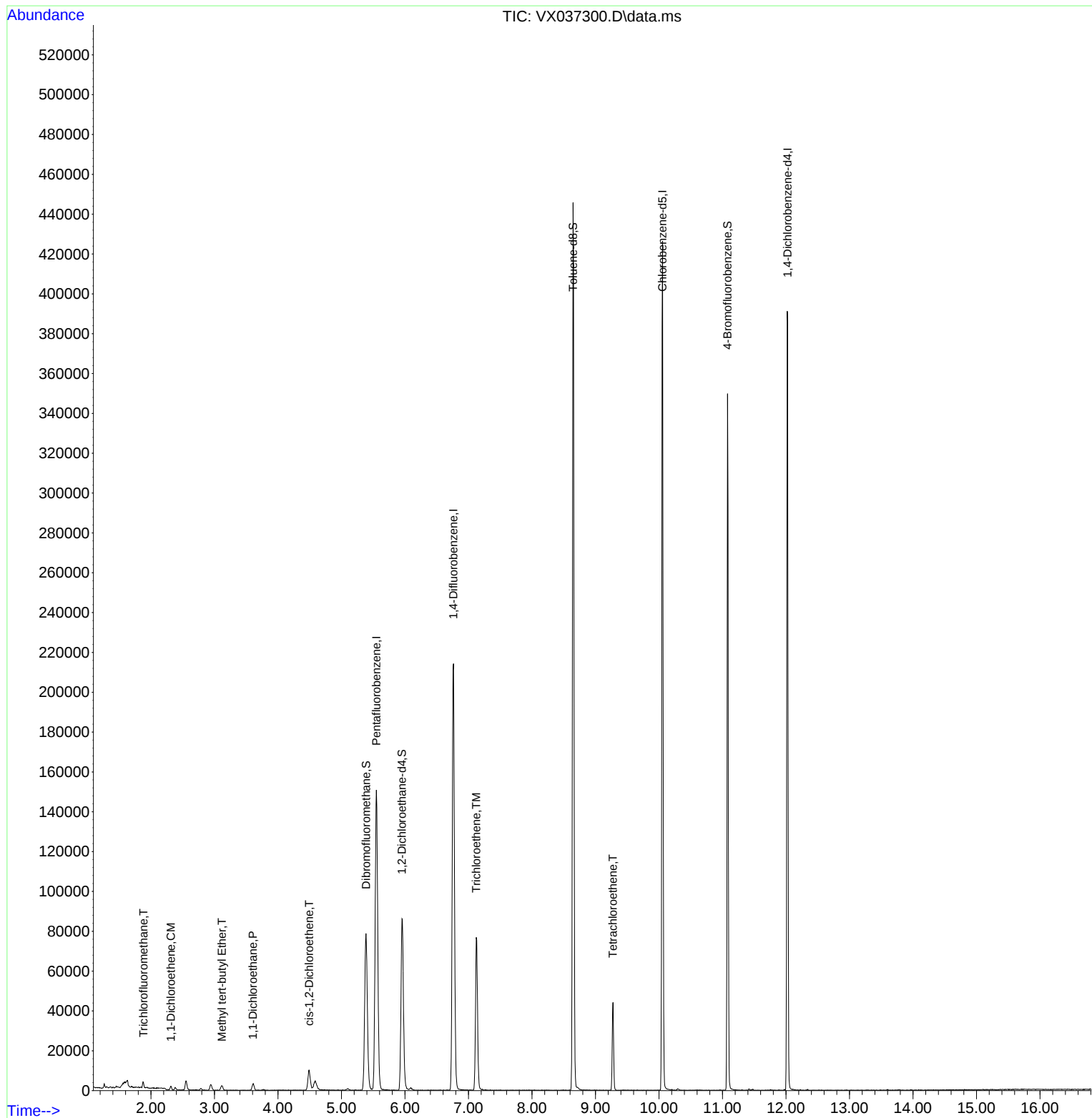
Internal Standards						
1) Pentafluorobenzene	5.550	168	142386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87442	42.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.200%		
35) Dibromofluoromethane	5.385	113	70980	46.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.400%		
50) Toluene-d8	8.647	98	270588	49.079	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	94054	43.410	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.820%		
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.880	101	1923	0.745	ug/l	90
12) 1,1-Dichloroethene	2.313	96	707	0.482	ug/l	87
19) Methyl tert-butyl Ether	3.117	73	2820	0.507	ug/l	98
24) 1,1-Dichloroethane	3.605	63	4004	1.372	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	6962	3.544	ug/l	79
44) Trichloroethene	7.123	130	31494	17.934	ug/l	97
64) Tetrachloroethene	9.275	164	8233	5.690	ug/l	99

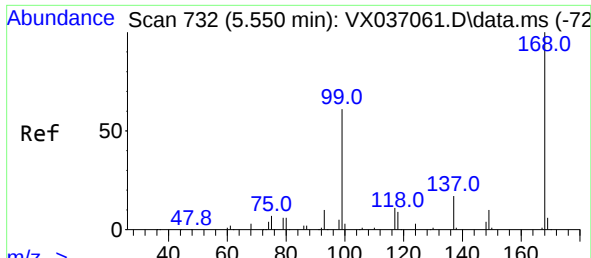
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
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MSVOA_X
ClientSampleId :
DUP02-20230819

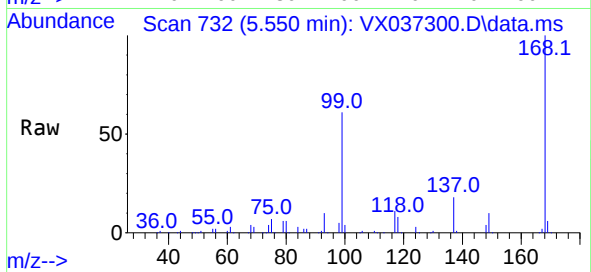
Quant Time: Aug 29 01:01:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



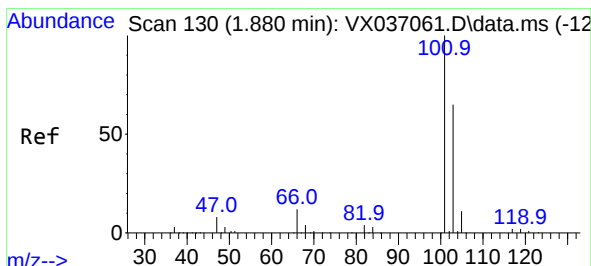
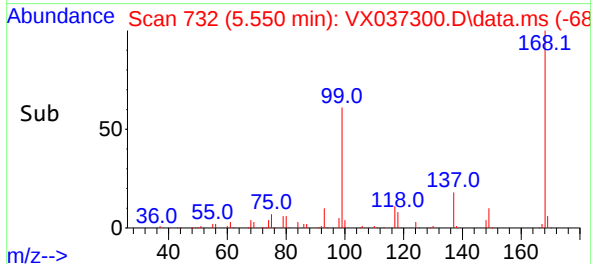
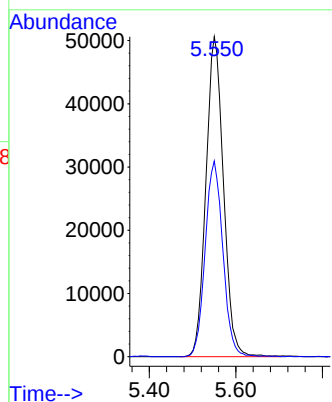


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230819

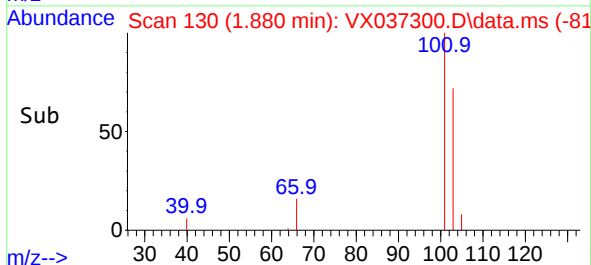
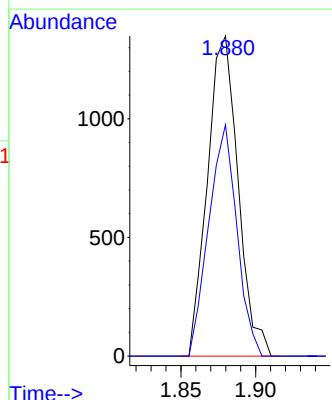
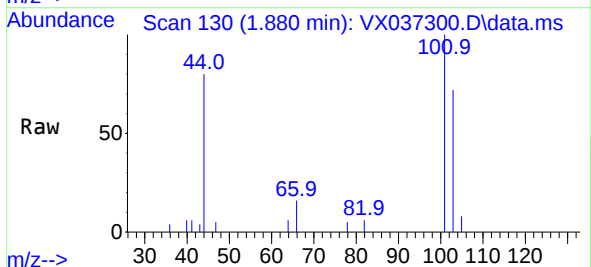


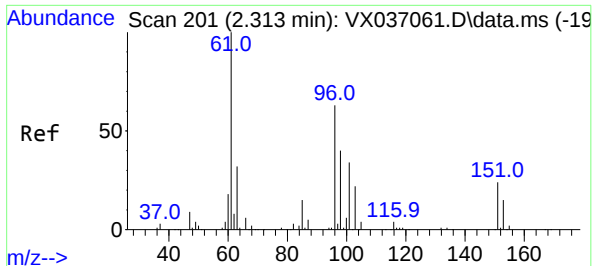
Tgt Ion:168 Resp: 142386
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#7
Trichlorofluoromethane
Concen: 0.745 ug/l
RT: 1.880 min Scan# 130
Delta R.T. -0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

Tgt Ion:101 Resp: 1923
Ion Ratio Lower Upper
101 100
103 72.3 51.4 77.2





#12

1,1-Dichloroethene

Concen: 0.482 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037300.D

Acq: 28 Aug 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20230819

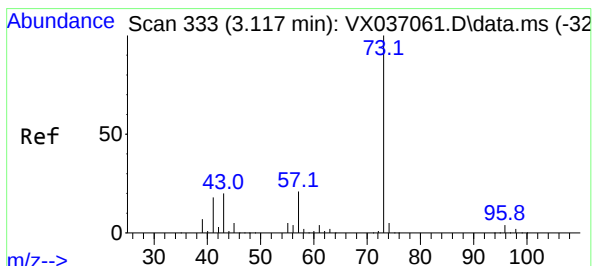
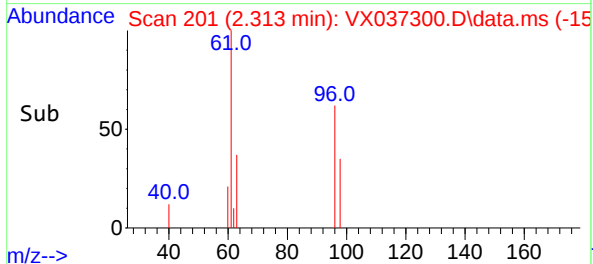
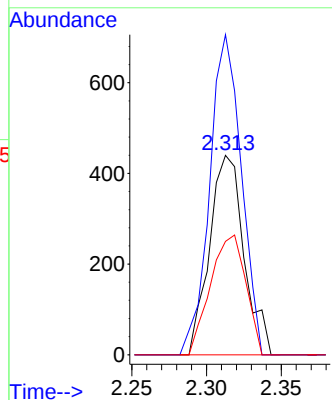
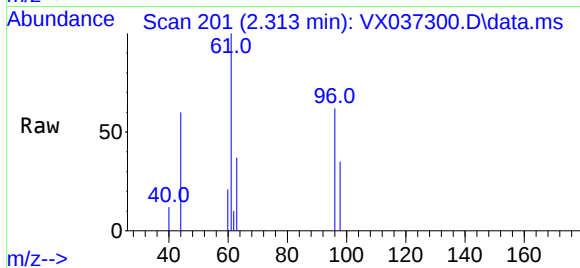
Tgt Ion: 96 Resp: 707

Ion Ratio Lower Upper

96 100

61 160.5 144.6 216.8

98 56.8 50.4 75.6



#19

Methyl tert-butyl Ether

Concen: 0.507 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX037300.D

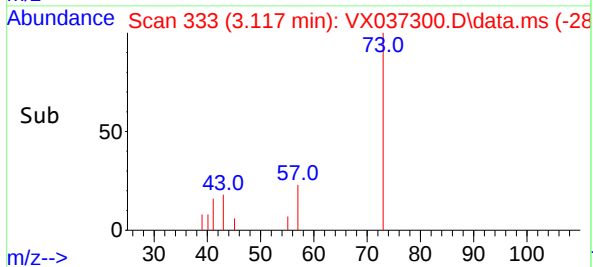
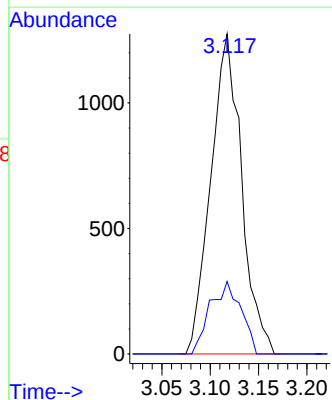
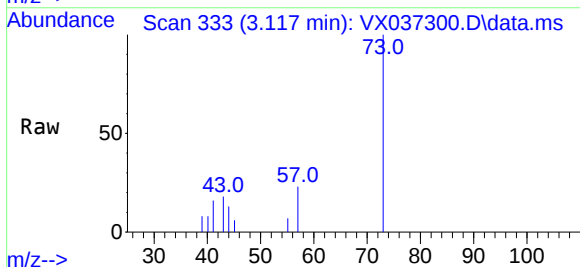
Acq: 28 Aug 2023 17:25

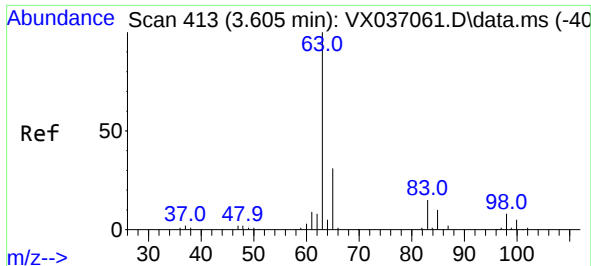
Tgt Ion: 73 Resp: 2820

Ion Ratio Lower Upper

73 100

57 22.7 17.3 25.9

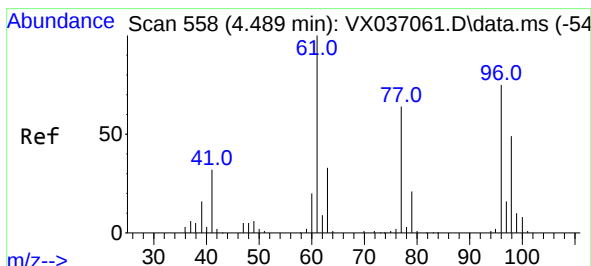
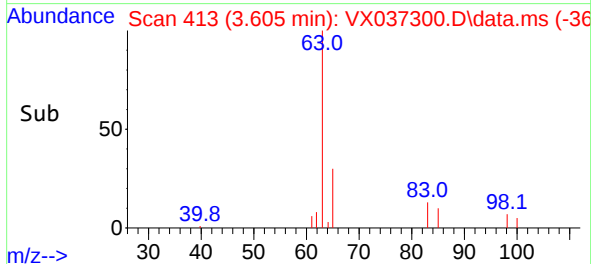
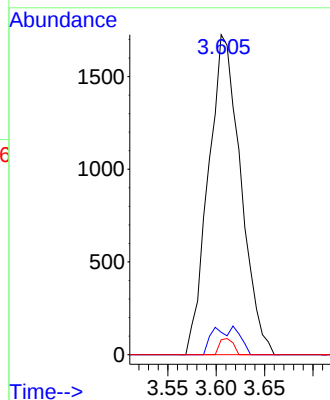
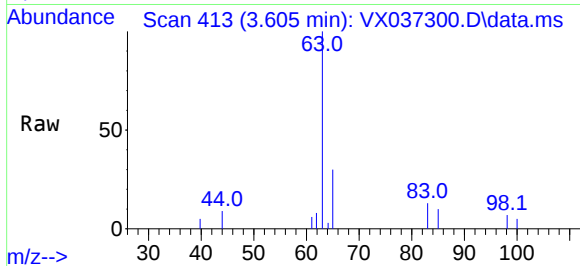




#24
1,1-Dichloroethane
Concen: 1.372 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

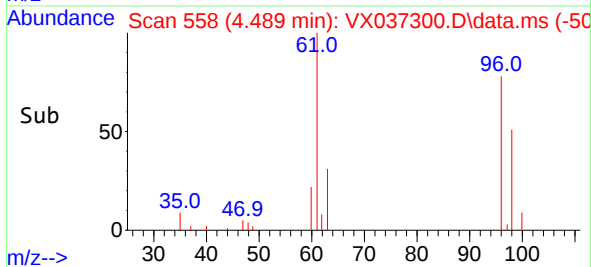
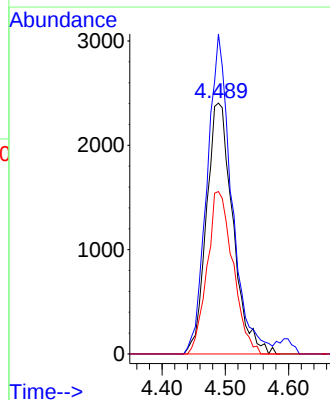
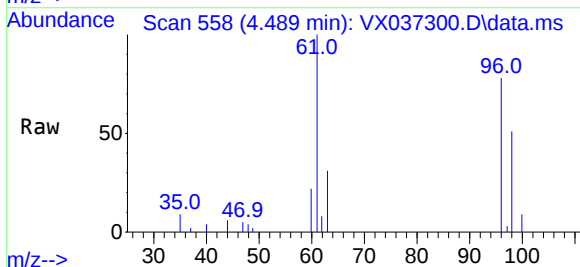
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230819

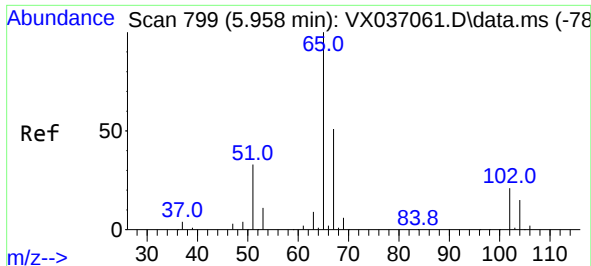
Tgt Ion:	63	Resp:	4004
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.8
100	4.6	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 3.544 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

Tgt Ion:	96	Resp:	6962
Ion	Ratio	Lower	Upper
96	100		
61	119.1	0.0	312.2
98	63.5	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 42.598 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037300.D

Acq: 28 Aug 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

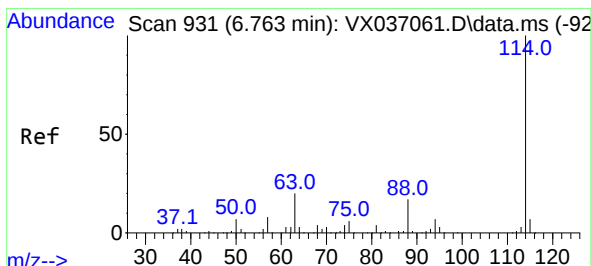
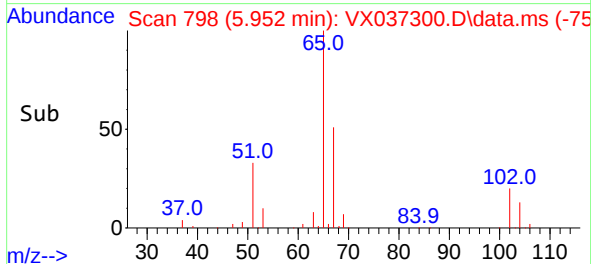
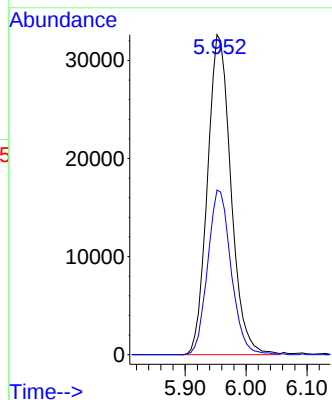
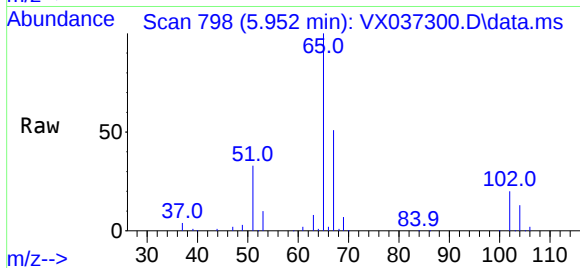
DUP02-20230819

Tgt Ion: 65 Resp: 87442

Ion Ratio Lower Upper

65 100

67 51.2 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: VX037300.D

Acq: 28 Aug 2023 17:25

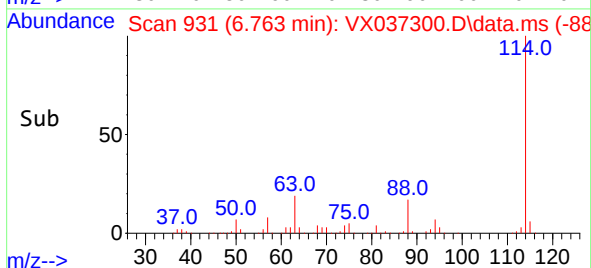
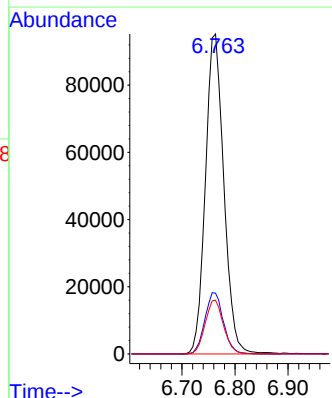
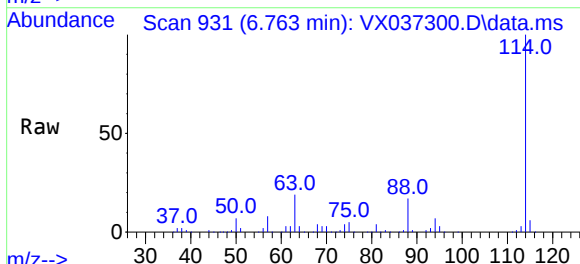
Tgt Ion: 114 Resp: 229500

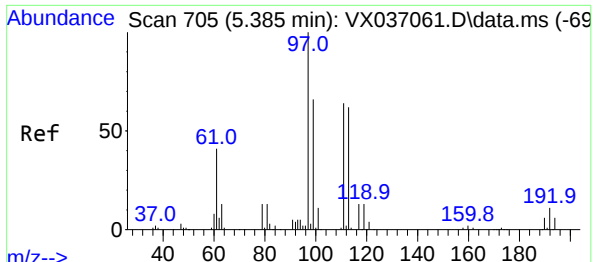
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

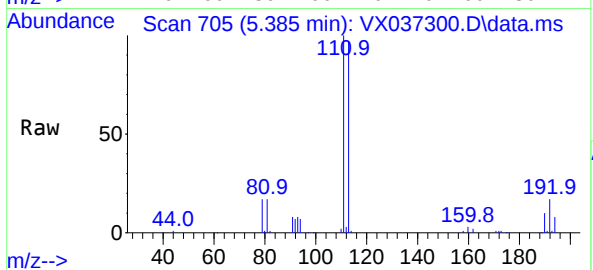
88 16.8 0.0 36.6



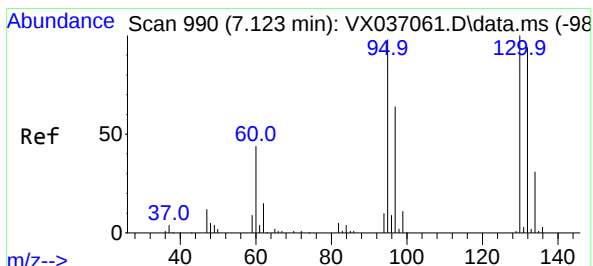
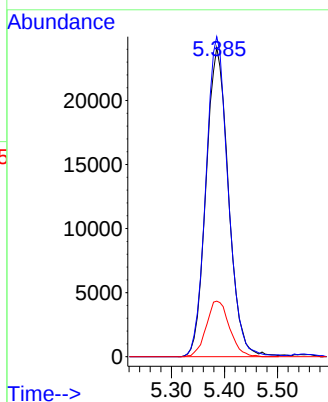
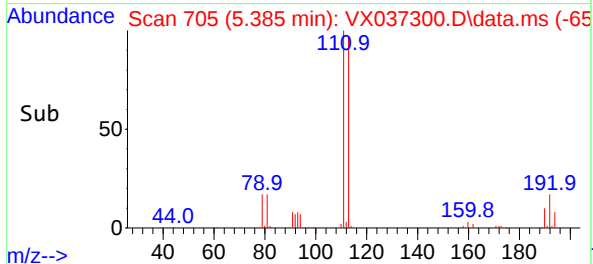


#35
Dibromofluoromethane
Concen: 46.700 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230819

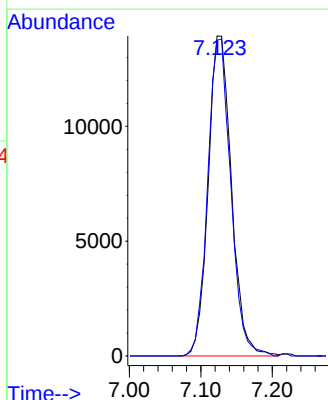
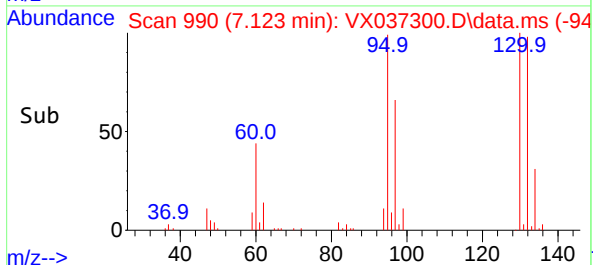
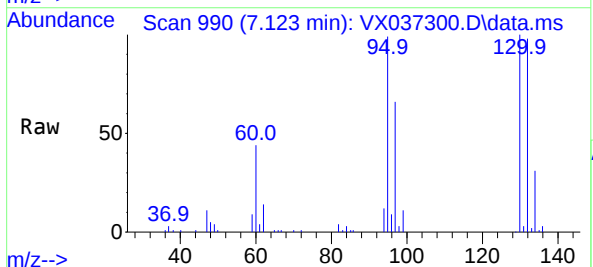


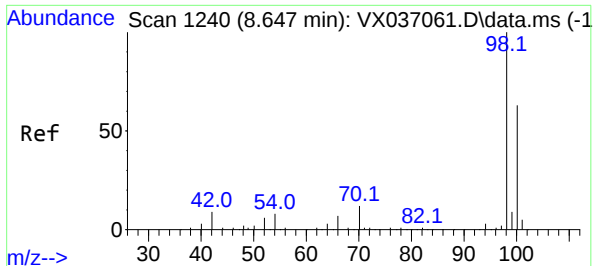
Tgt Ion:113 Resp: 70980
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.6 13.3 19.9



#44
Trichloroethene
Concen: 17.934 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

Tgt Ion:130 Resp: 31494
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.4

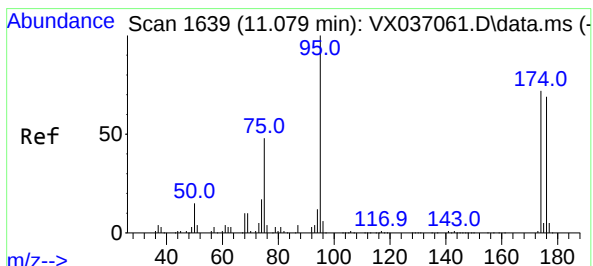
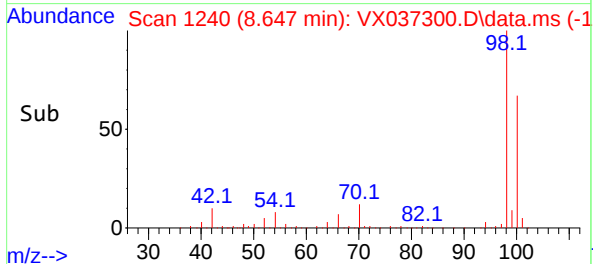
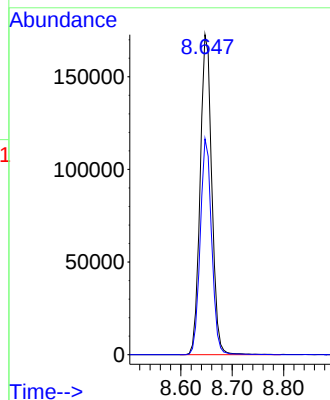
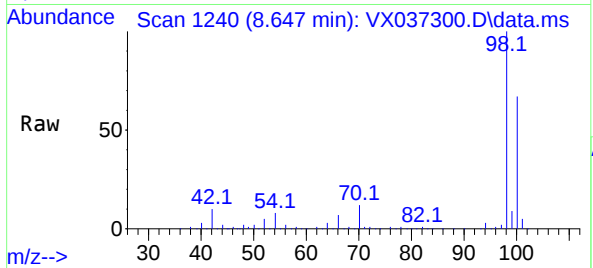




#50
Toluene-d8
Concen: 49.079 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

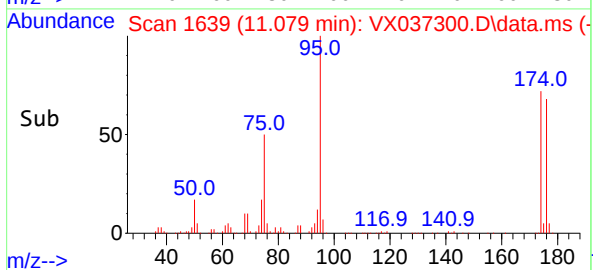
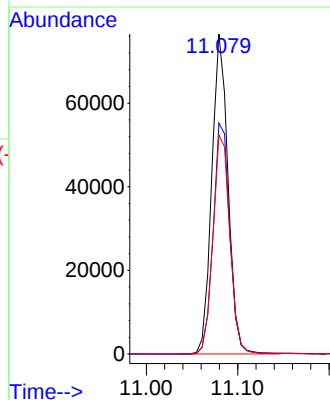
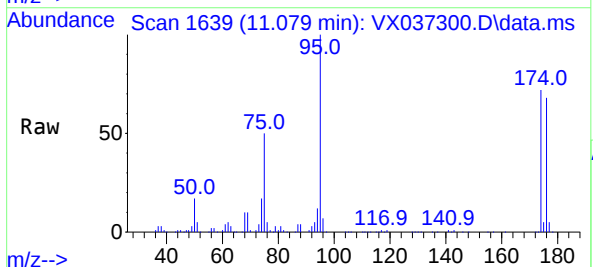
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230819

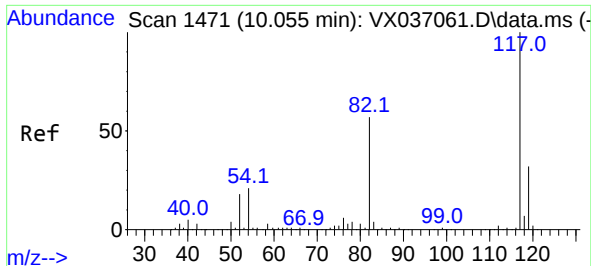
Tgt Ion: 98 Resp: 270588
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

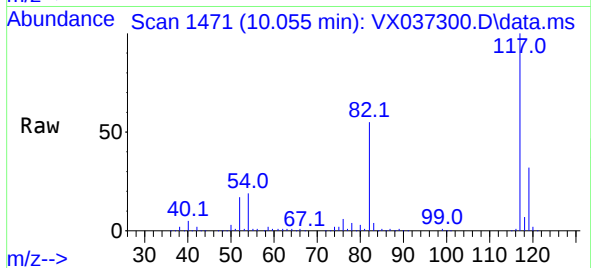
Tgt Ion: 95 Resp: 94054
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.3 0.0 131.0



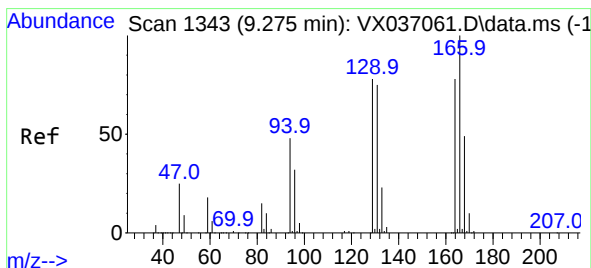
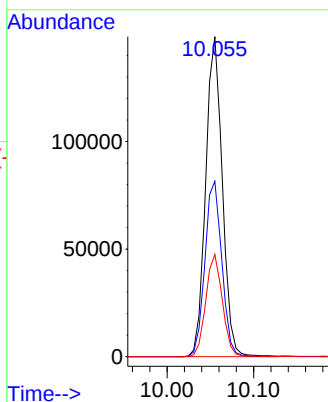
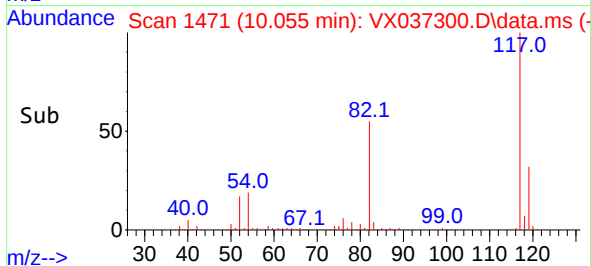


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25

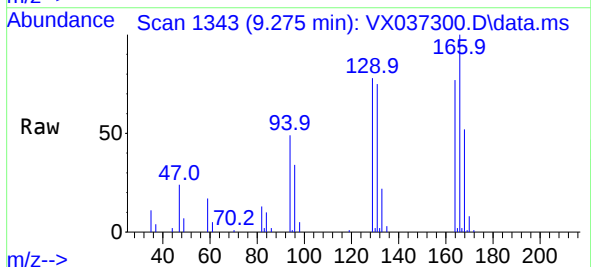
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230819



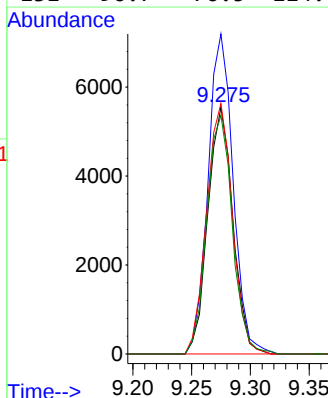
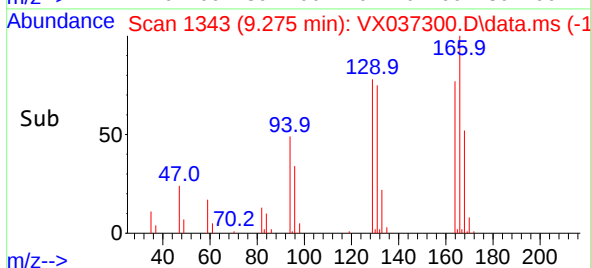
Tgt Ion:117 Resp: 198356
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.0 25.5 38.3

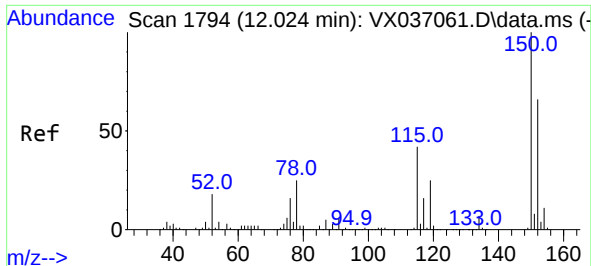


#64
Tetrachloroethene
Concen: 5.690 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037300.D
Acq: 28 Aug 2023 17:25



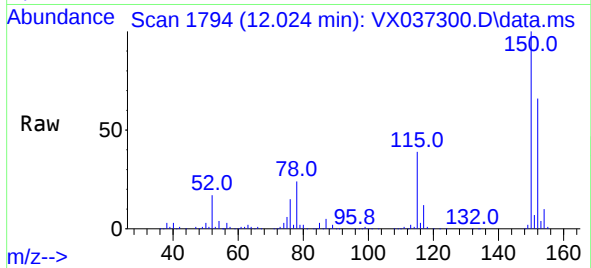
Tgt Ion:164 Resp: 8233
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 101.6 80.4 120.6
131 96.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037300.D
 Acq: 28 Aug 2023 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230819



Tgt Ion:152 Resp: 85932
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 155.2 0.0 345.0

