

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040401.D
 Acq On : 22 Feb 2024 15:03
 Operator : JC/MD
 Sample : P1520-10DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20240216DL

Quant Time: Feb 23 00:08:00 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)

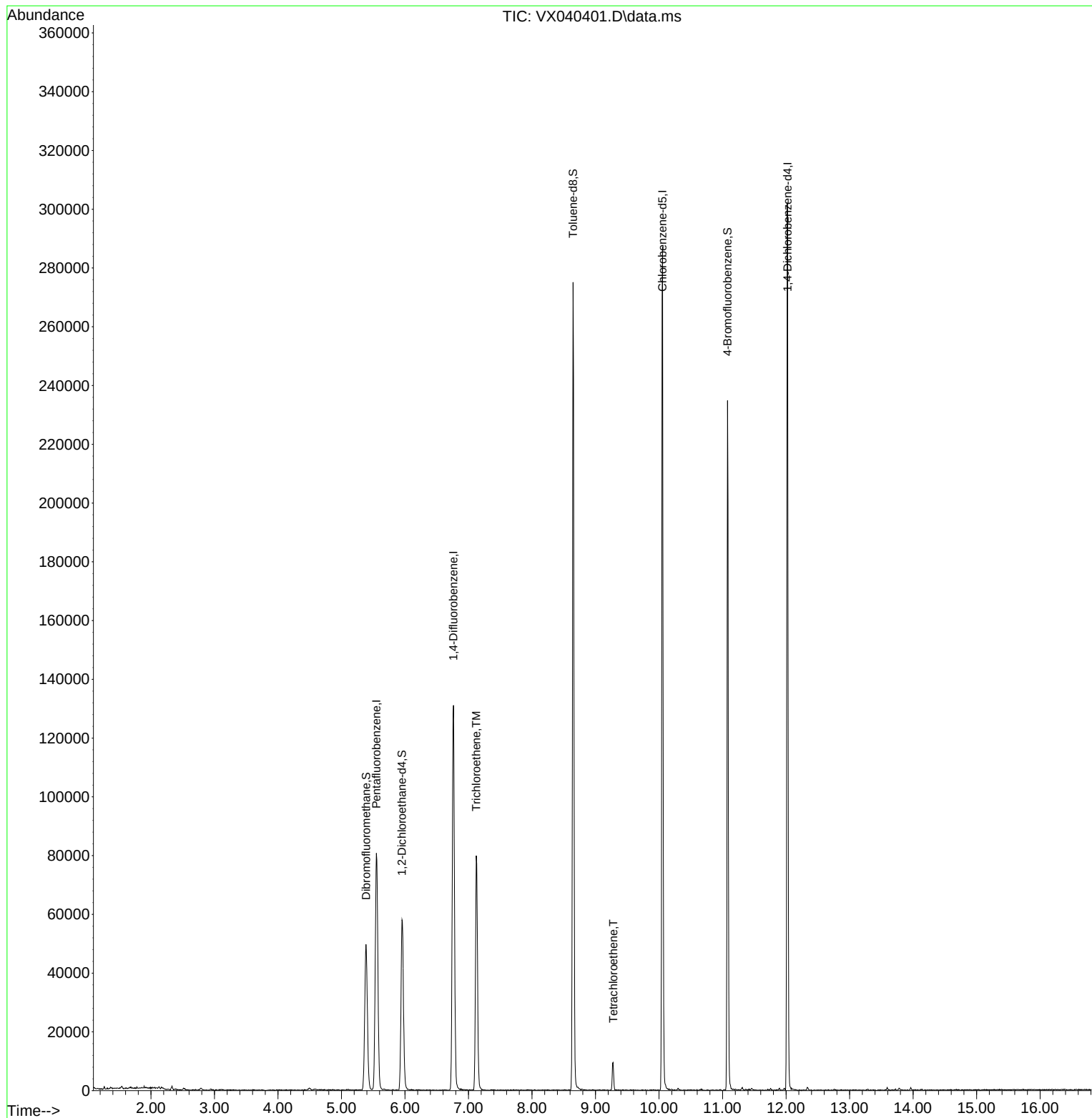
Internal Standards						
1) Pentafluorobenzene	5.550	168	72470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57047	52.912	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.820%
35) Dibromofluoromethane	5.385	113	42920	48.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.260%
50) Toluene-d8	8.647	98	157968	47.353	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	11.079	95	60710	44.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.240%
Target Compounds						Qvalue
44) Trichloroethene	7.123	130	29144	30.243	ug/l	93
64) Tetrachloroethene	9.281	164	1696	1.976	ug/l #	77

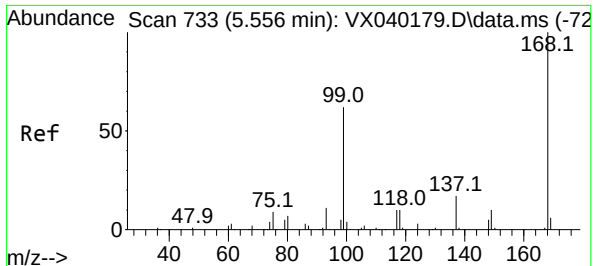
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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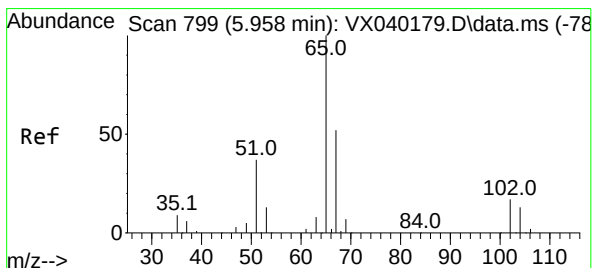
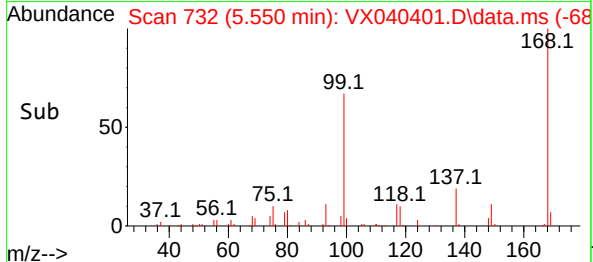
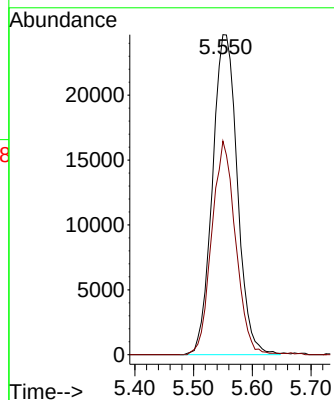
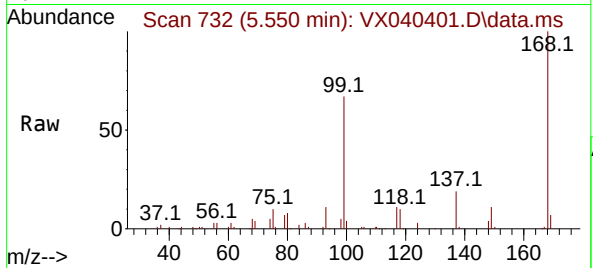




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX040401.D
Acq: 22 Feb 2024 15:03

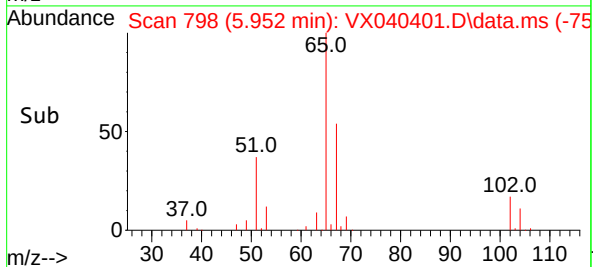
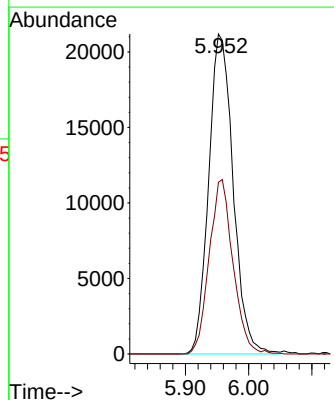
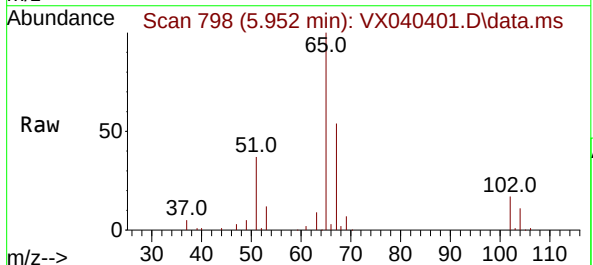
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216DL

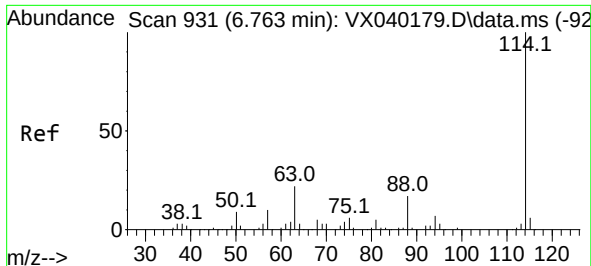
Tgt Ion:168 Resp: 72470
Ion Ratio Lower Upper
168 100
99 66.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 52.912 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040401.D
Acq: 22 Feb 2024 15:03

Tgt Ion: 65 Resp: 57047
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

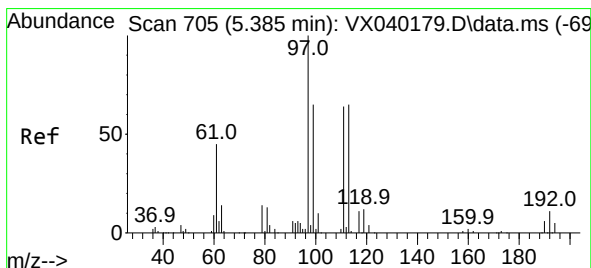
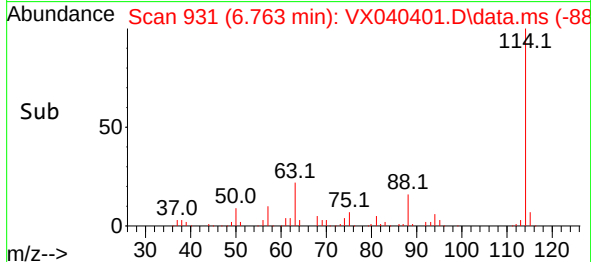
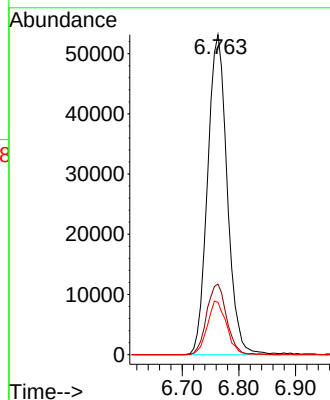
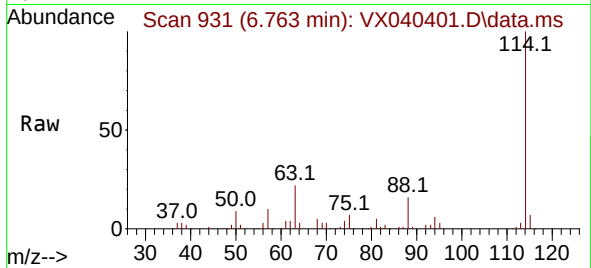




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040401.D
Acq: 22 Feb 2024 15:03

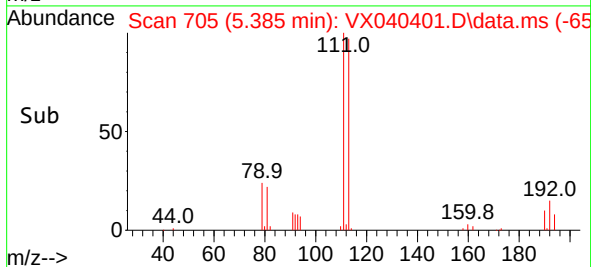
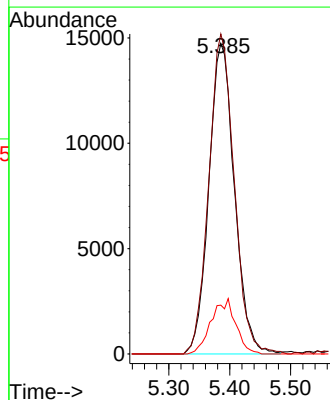
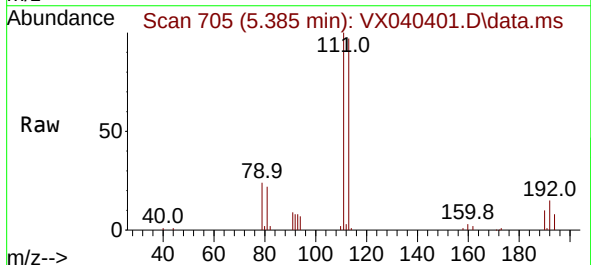
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216DL

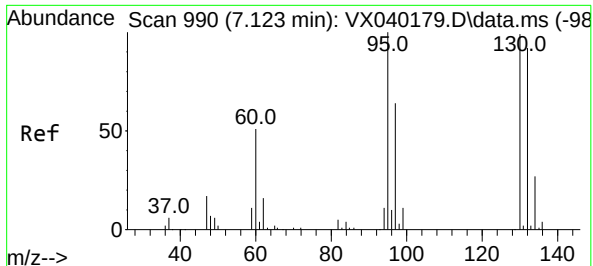
Tgt Ion:114 Resp: 127701
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.128 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040401.D
Acq: 22 Feb 2024 15:03

Tgt Ion:113 Resp: 42920
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.1 13.3 19.9

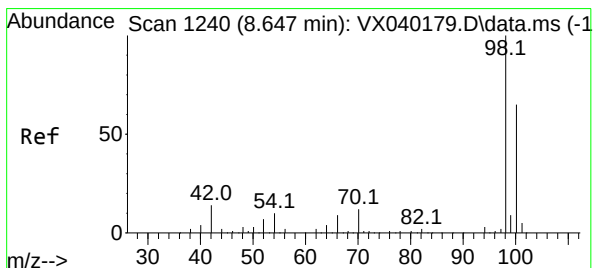
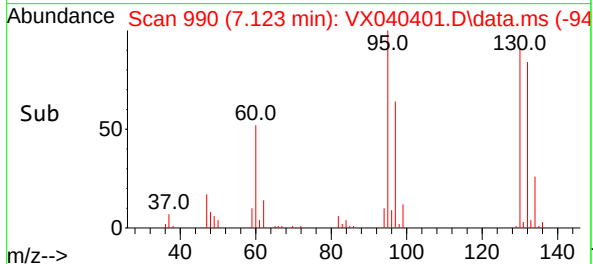
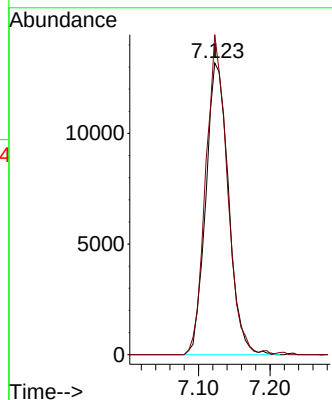
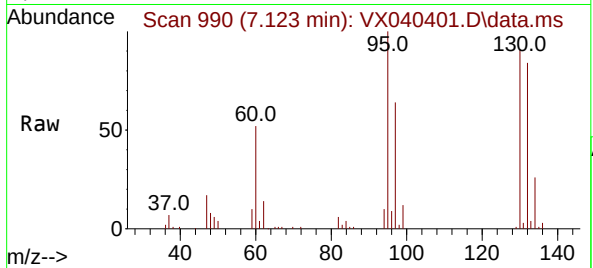




#44
Trichloroethene
Concen: 30.243 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040401.D
Acq: 22 Feb 2024 15:03

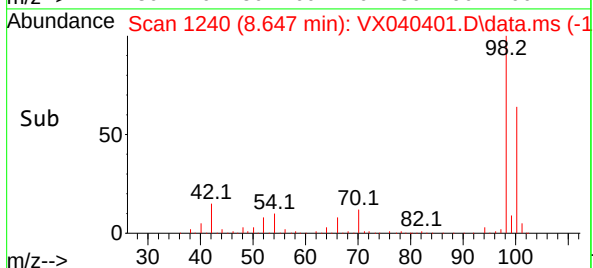
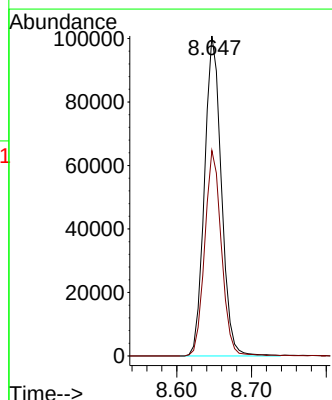
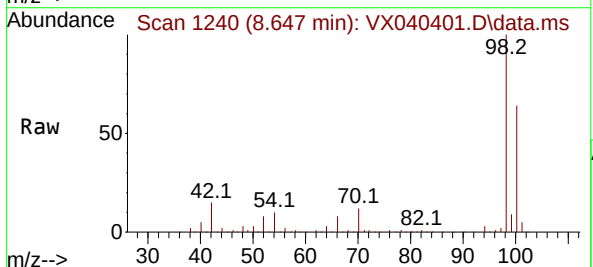
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216DL

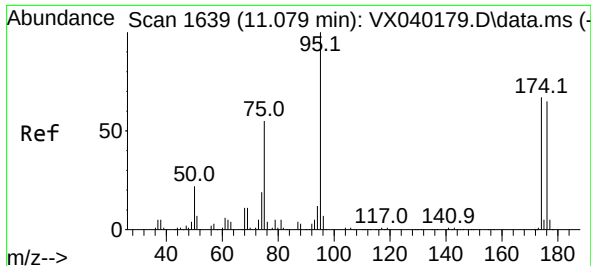
Tgt Ion:130 Resp: 29144
Ion Ratio Lower Upper
130 100
95 109.7 0.0 204.4



#50
Toluene-d8
Concen: 47.353 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040401.D
Acq: 22 Feb 2024 15:03

Tgt Ion: 98 Resp: 157968
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.622 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040401.D

Acq: 22 Feb 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20240216DL

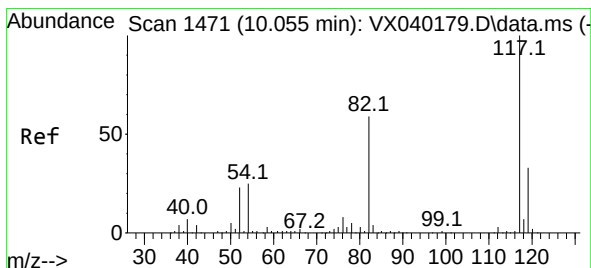
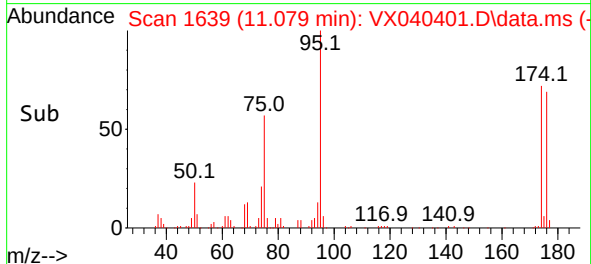
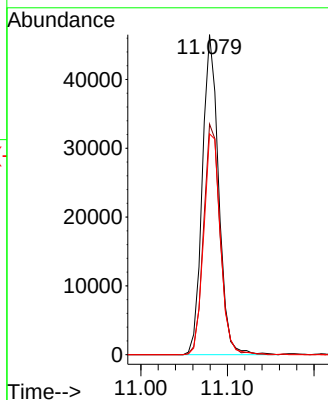
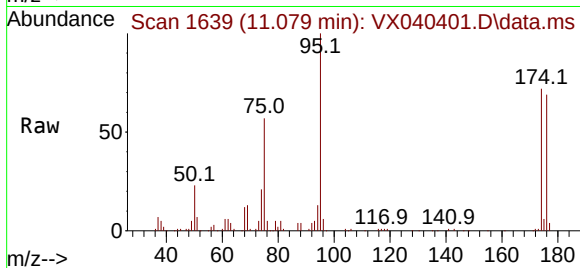
Tgt Ion: 95 Resp: 60710

Ion Ratio Lower Upper

95 100

174 73.0 0.0 135.6

176 71.1 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: VX040401.D

Acq: 22 Feb 2024 15:03

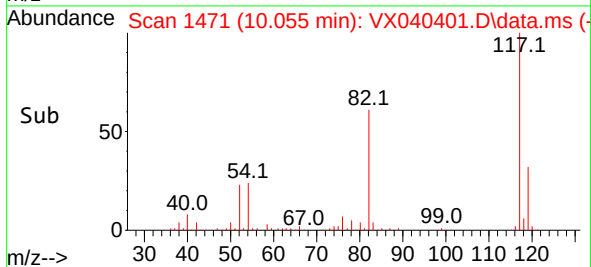
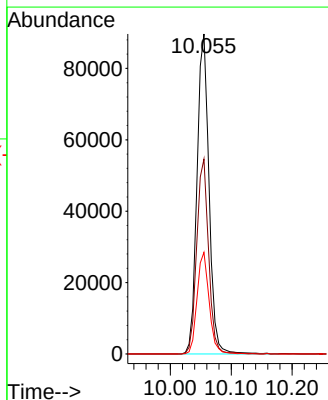
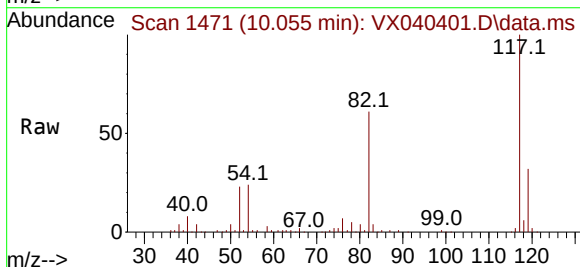
Tgt Ion: 117 Resp: 122500

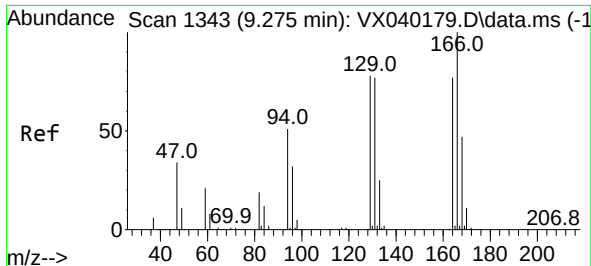
Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

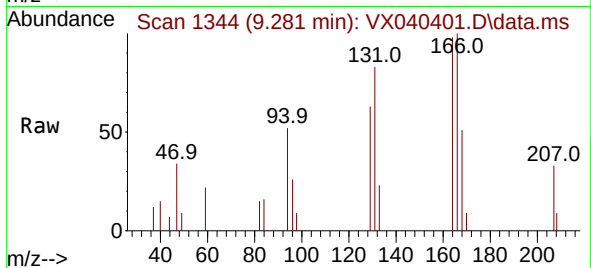
119 31.8 25.5 38.3



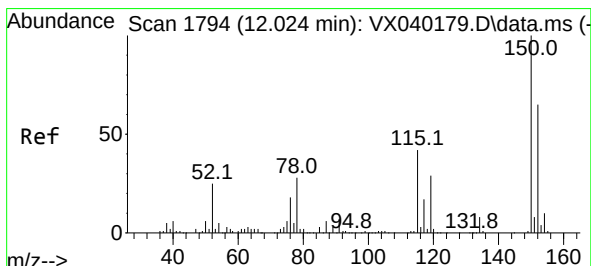
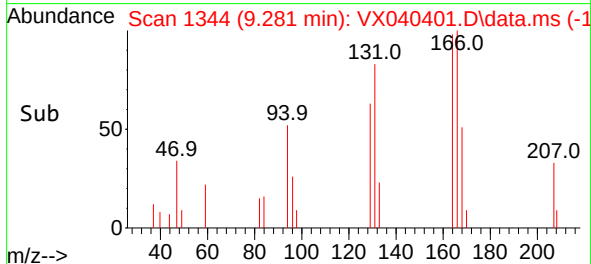
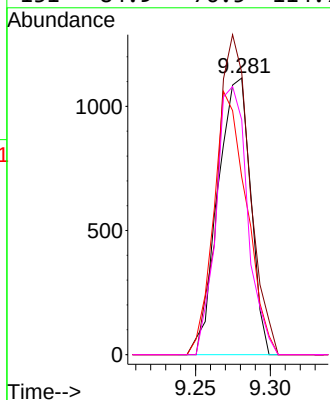


#64
 Tetrachloroethene
 Concen: 1.976 ug/l
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040401.D
 Acq: 22 Feb 2024 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20240216DL



Tgt Ion:	164	Resp:	1696
Ion	Ratio	Lower	Upper
164	100		
166	102.1	102.7	154.1#
129	64.2	80.4	120.6#
131	84.9	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: VX040401.D
 Acq: 22 Feb 2024 15:03

Tgt Ion:	152	Resp:	60631
Ion	Ratio	Lower	Upper
152	100		
115	62.9	43.3	129.9
150	158.3	0.0	345.0

