

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038927.D
 Acq On : 18 Nov 2023 14:45
 Operator : JC/MD
 Sample : 05404-25DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20231109DL

Quant Time: Nov 20 04:35:16 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)

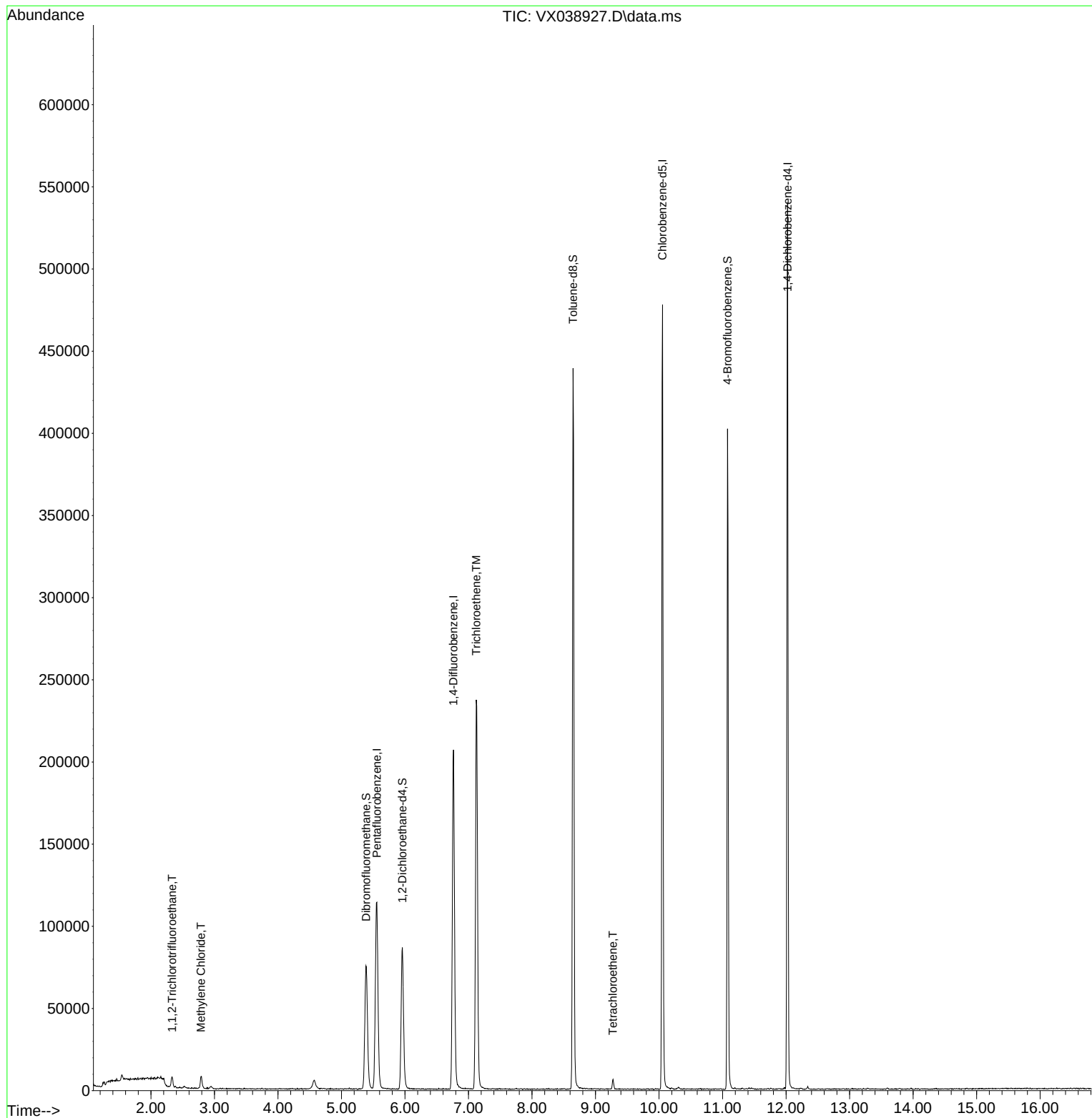
Internal Standards						
1) Pentafluorobenzene	5.556	168	102994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80409	48.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	66499	44.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	261473	45.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	110805	48.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2444	1.922	ug/l #	93
20) Methylene Chloride	2.788	84	3608	2.266	ug/l	95
44) Trichloroethene	7.123	130	89706	57.751	ug/l	95
64) Tetrachloroethene	9.275	164	1050	0.802	ug/l	88

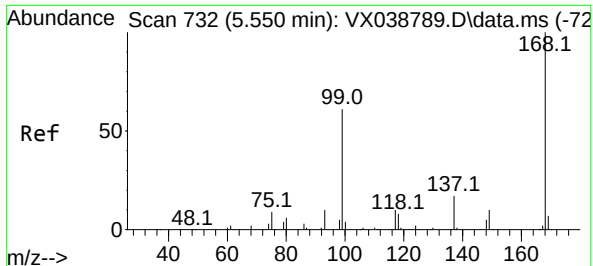
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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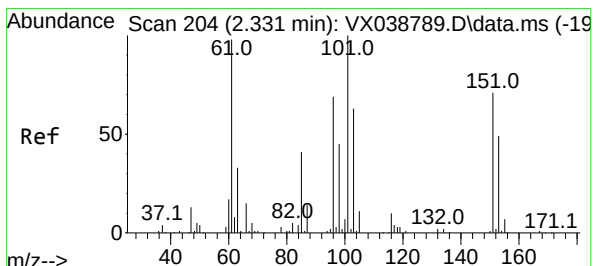
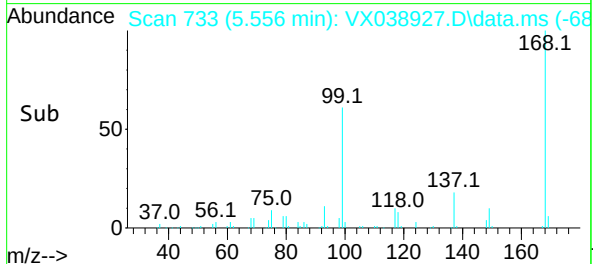
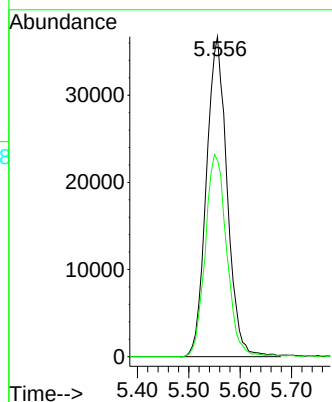
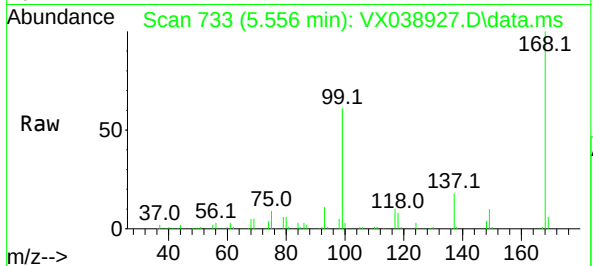




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

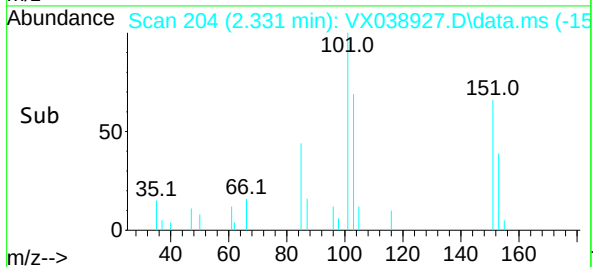
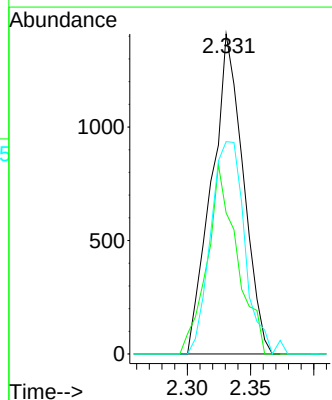
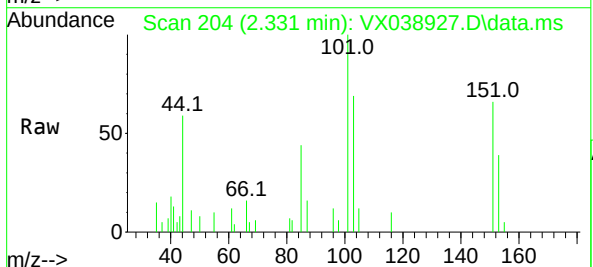
Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109DL

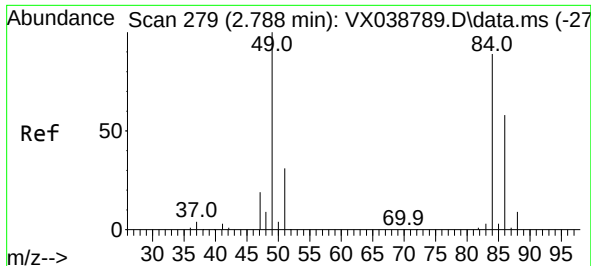
Tgt Ion:168 Resp: 102994
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.922 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion:101 Resp: 2444
Ion Ratio Lower Upper
101 100
85 56.0 37.0 55.6#
151 71.8 58.6 87.8



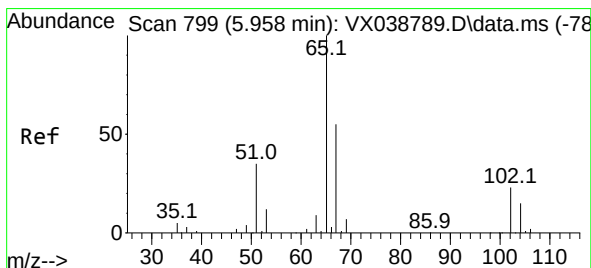
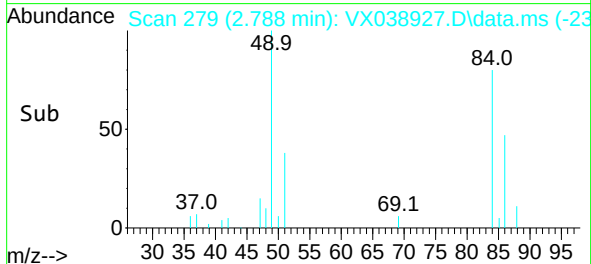
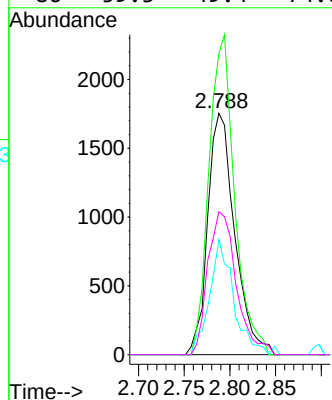
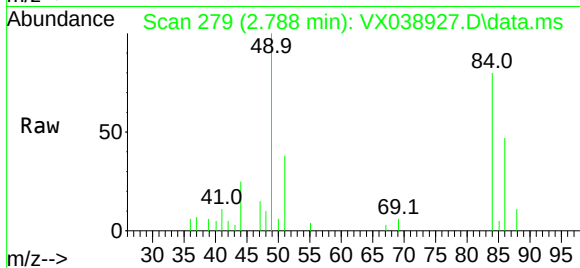


#20
Methylene Chloride
Concen: 2.266 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109DL

Tgt Ion: 84 Resp: 3608

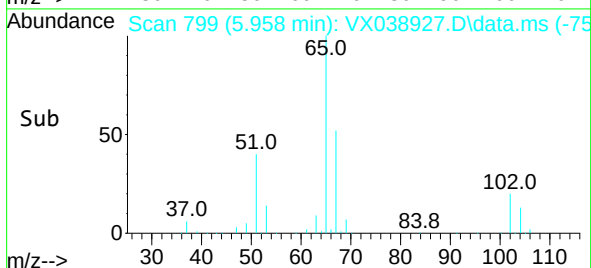
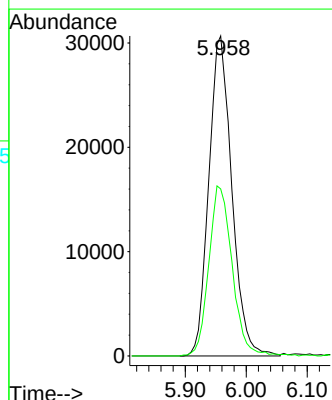
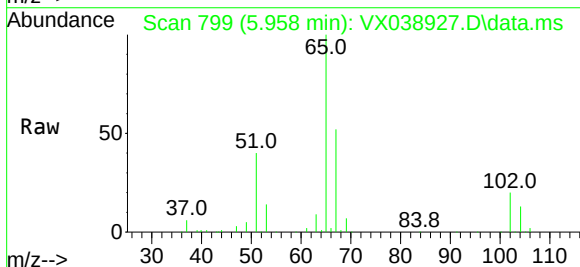
Ion	Ratio	Lower	Upper
84	100		
49	124.8	103.6	155.4
51	47.7	33.8	50.6
86	59.3	49.4	74.0

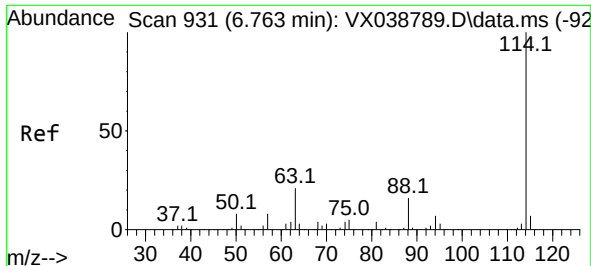


#33
1,2-Dichloroethane-d4
Concen: 48.451 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion: 65 Resp: 80409

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	100.2

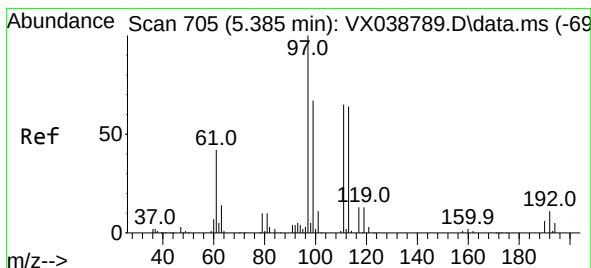
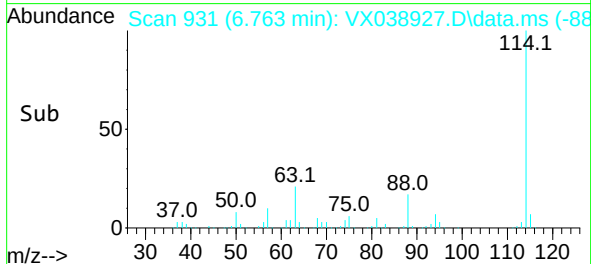
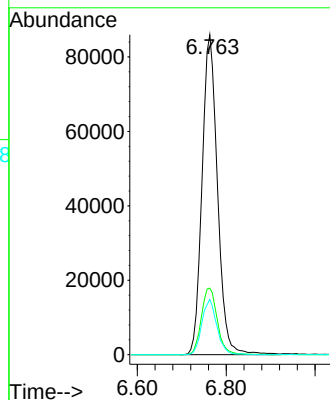
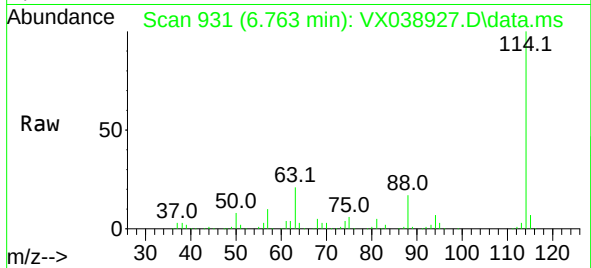




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

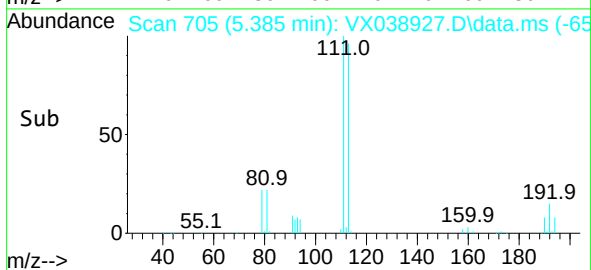
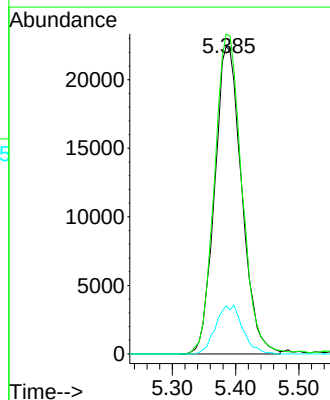
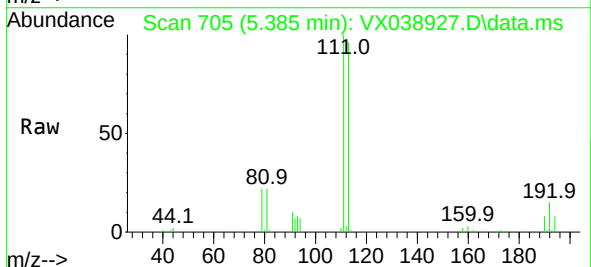
Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109DL

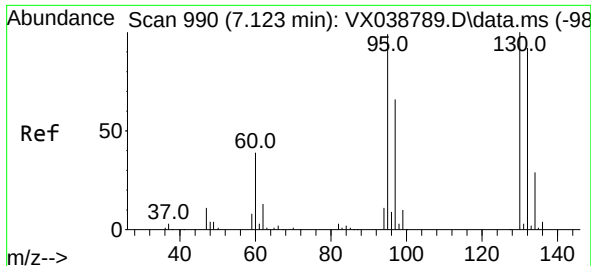
Tgt Ion:114 Resp: 208440
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.174 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion:113 Resp: 66499
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 15.8 13.3 19.9

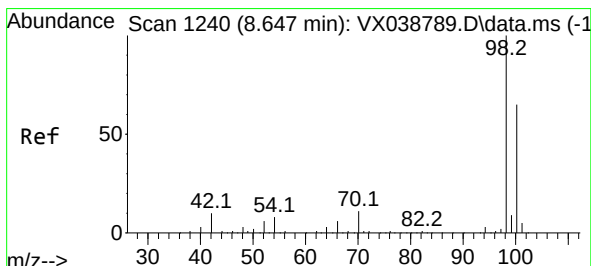
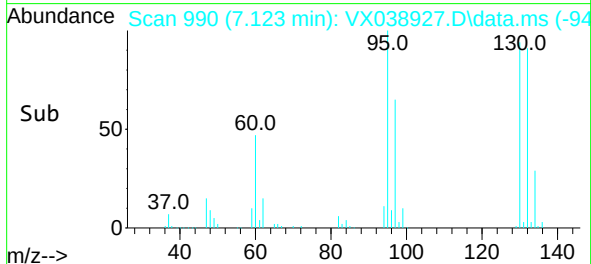
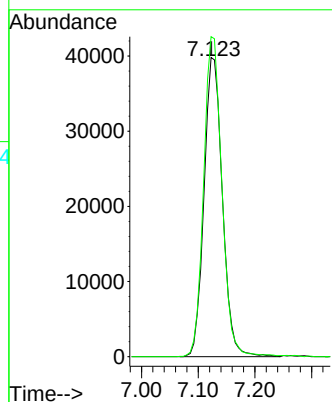
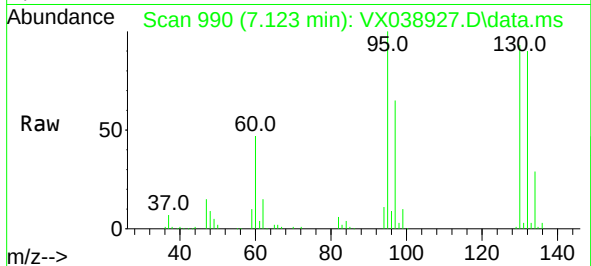




#44
 Trichloroethene
 Concen: 57.751 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX038927.D
 Acq: 18 Nov 2023 14:45

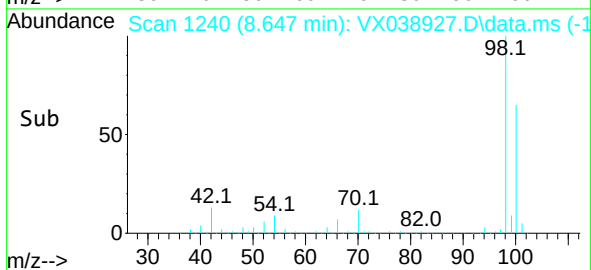
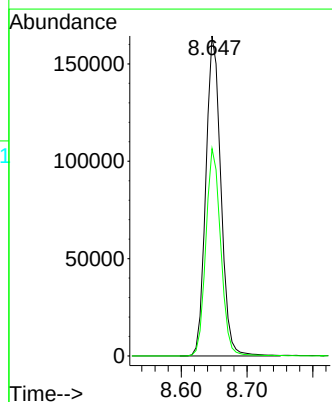
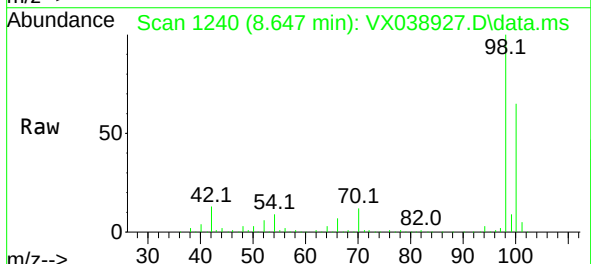
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20231109DL

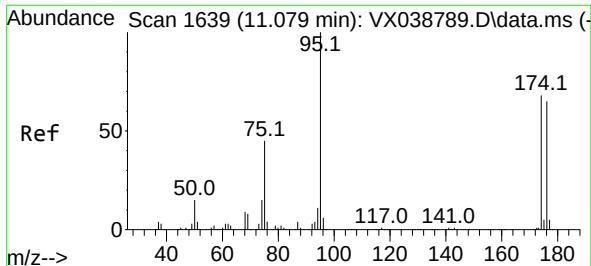
Tgt Ion:130 Resp: 89706
 Ion Ratio Lower Upper
 130 100
 95 106.8 0.0 204.4



#50
 Toluene-d8
 Concen: 45.397 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX038927.D
 Acq: 18 Nov 2023 14:45

Tgt Ion: 98 Resp: 261473
 Ion Ratio Lower Upper
 98 100
 100 64.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.058 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038927.D

Acq: 18 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

RW4-20231109DL

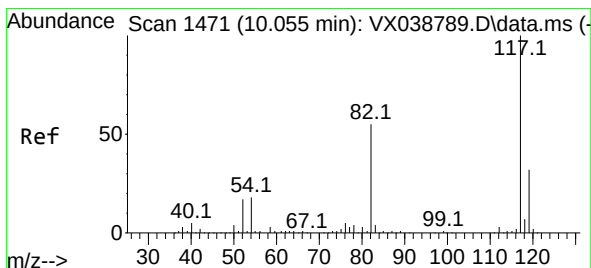
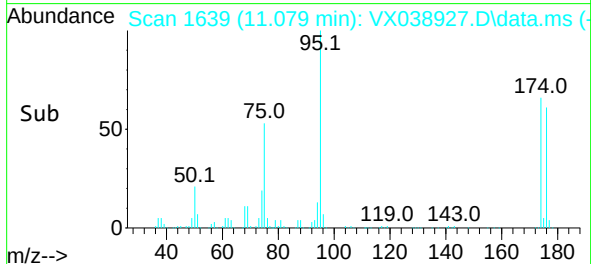
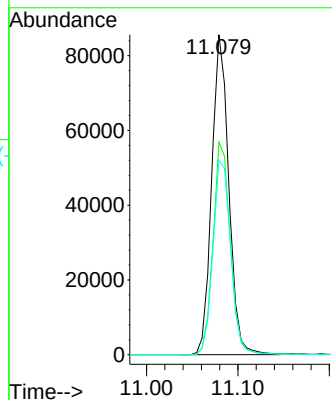
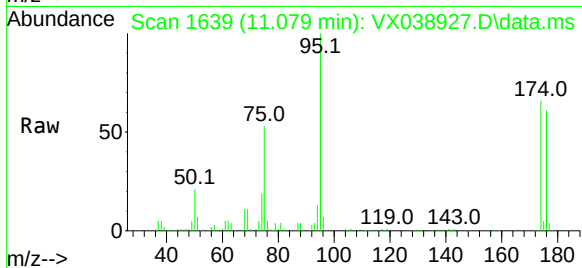
Tgt Ion: 95 Resp: 110805

Ion Ratio Lower Upper

95 100

174 67.2 0.0 135.6

176 63.7 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: VX038927.D

Acq: 18 Nov 2023 14:45

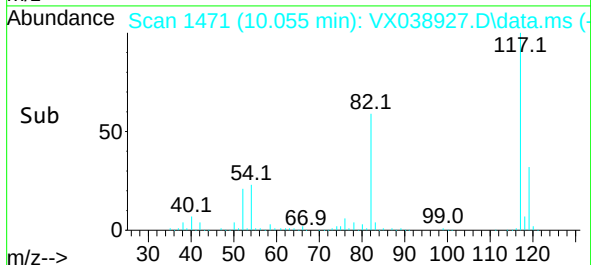
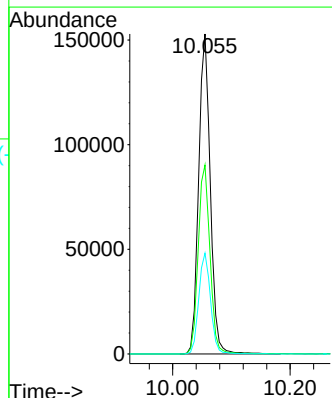
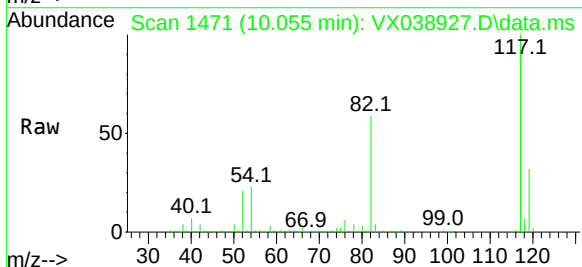
Tgt Ion: 117 Resp: 210541

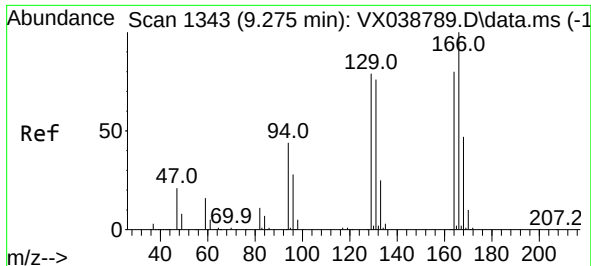
Ion Ratio Lower Upper

117 100

82 59.0 46.2 69.4

119 31.5 25.5 38.3



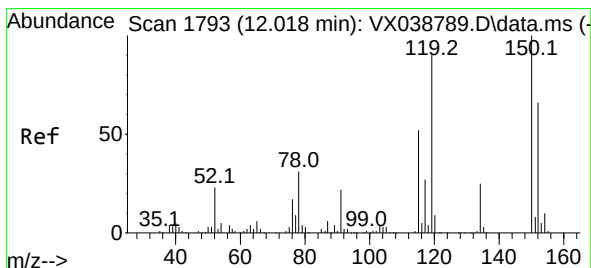
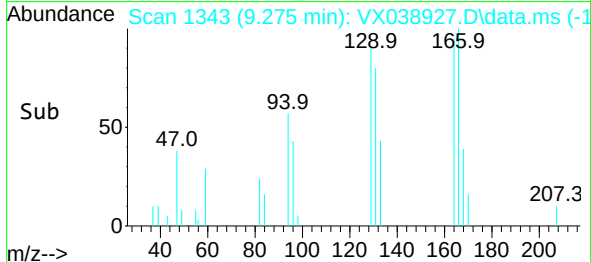
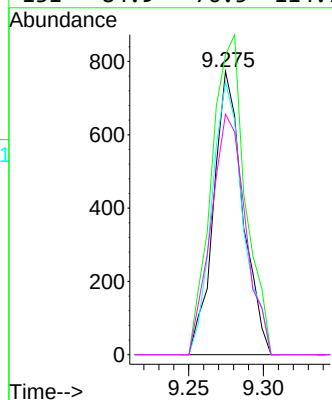
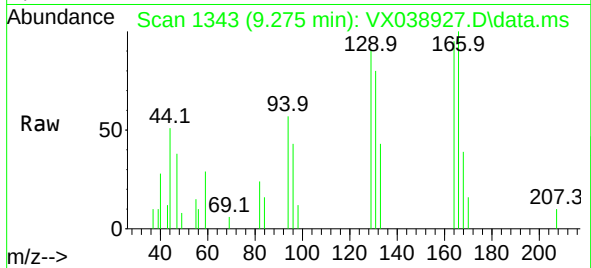


#64
Tetrachloroethene
Concen: 0.802 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109DL

Tgt Ion:164 Resp: 1050

Ion	Ratio	Lower	Upper
164	100		
166	105.7	102.7	154.1
129	96.2	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. 0.006 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion:152 Resp: 105416

Ion	Ratio	Lower	Upper
152	100		
115	64.5	43.3	129.9
150	155.1	0.0	345.0

